$28101000-9 \mathrm{G}$ G G G G GCCGGGGGGGGAAGGAAAAAAAAGGGGAAAAGGAACC CCCCAAGGAAAAAAGGAAGGAAAACCAAAAGGAACCGGGGAAGGGGGGGG AACCAAAAGGGGCCGGGGCCAGGGAAAGACAAGGAAGGAGAAGAAGGGAG AGACGGGGAAAGAAGGAAAAAAGAAAGGAAAGCCGGGGCCGGAAGGGGAA AAGGAAAAAACCAACCGGCCAAAGAAGAAGAGAAAAAGGGGGACAGCCGG AA $\operatorname{l}$ GA $\operatorname{G}$ GAGGAGGGGGGGGGGGGAGAGGGGCCGAAAAGGGAAGAAGAAA AGGAAACAAAAAAGAAAAACCAGGGGGCAGGCAAGAAGAAAGAAAAAGGG GAGAAGGGGAAGGAAGGCCAGAGGGAGAGCAGAGGAAACGAGAGAGAGA GGGAAGAGCCAACCAGGAAAGGGAGGAACCGGCAACCCAGAGAAGGGGTA GGCAGAAATTAAGGAAAGGGGAAGAACCAAGGAAAAAAAATTCCGGGGCC AGGGAAAAAGAAGGGAAGAAGAAAAAAAAAAAAAGGAAAACCGGAAAAAA AAAAAAGGAAAAGGCCAAGGGGCCGGAAGGAAAACCGGAAAAAACCAACC G GCCGGCCGGAAAAAAGGAAAAAAGGGGGGGGGGAAAAGGAAAACCAAAA G G G G G G G GCCGGAAGGAAAAAAGGGGGGGGCCAAAAGGGGAAAAGGCCA AAACCGGGGAAAAAAAAGGGGGGGGAACCGGGGGGGGAAAAAAGGGGGG AA G GAAAAAAAAGGAAAAGGAAGGGGCCAAGGAAAAGGCCGGTTGGGGAA AAGGAAAAAAAAAAAAAAGGGGGGAAAAAAGGCCAAAAGGAAGGGGGGAA G G G GAACCCCGGGGAAAAGGCCAAAAAAGGAACCAACCAAGGCCGGAACC AAGGAAAAGGAAAAGGGGAAAAAAAAAAGGAAAAAAAAGGGGGGAAAAGG G GAAGGAAGGGGGGAAAACCAAGGAAAAGGGGGGCCAAAAGGAACCAAAA AACCGGAAGGAACCGGGGAAGGGGAAAAAAAAAAAAGGAAGGAAGGAAAA AAAAAAGGAAAAAAAAGGAAGGGGAAAACCGGGGCCAAAAGGAAGGAAGG GGGGAAAACCGGAAAAGGGGCCGGAAAACCAAGGAAAAAAAAGGGGAACC GGGGAAAACCGGAAGGAAGGGGAAGGGGAAGGGGAAAAAAGGGGAACCG GAACCAAAAAAAAAAGGAAAAAAAACCGGCCAAAAAAAAGGGGGGAAGGC CAAGGAAAAAAGGGGCCAAAAGGAAAACCAAGGGGGGGGAAAAGGAAAAG GAAGGAAGGGGGGAAAACCAAAAAAGGAAGGGGGGGGAAGGCCAAGGGG AAAAAAAAAAAAGGGGAAAACCGGGGGGCCAAGGAAAAAAAAGGAAAAAA AATTAAGGAAGGGGGGAATTGGCCAAGGGGAAAAAAGGGGAAAAAAGGGG GGGGAAAACCGGAAAAGGGGGGAAAAAAGGGGGGAAAAAAGGGGAAGGA ACCGGGGAAGGCCGGGGGGAAGGAACCGGCCAAGGGGCCGGGGAAGGAA GGCCGGCCAAAAAAAACCAACCAAAAGGGGGGGGAAAAGGAAAAAAGGAA CCAAGGGGGGTTAAGGGGGGAAAAGGAAGGAAAAAAAAAACCAAGGAATT G G G G G G A A G G G G G G A A G GAA G GAAAAGGAAAAGGGGGGGGGGAAAAGGA AAAAAGGAAAAAAAGGAACAGCCAGGAGGAGAGAAAGAGGGAGGGGGCCG GGGGGAAGGAAAAAAGGGGCCCCGGGGGGGGAACCGGGGAAAAAAGGGG AA $\operatorname{GGGGGGTTAAGGAAAAAAAAGGAAGGAACCCCGGAAGGAACCAAGGGG}$ G G G GAAAAGGCCGGGGAAAAAAAAGGAAAACCAAGGGGCCCCAAAAAAGG AA G G G GTTAAGGAAGGCCGGGGAACCAAAAAAGGCCAAAAAAGGGGGGGG GGGGAAAAGGAAAAAAAAGGGGAAAAAACCAAGGGGGGGGGGGGGGAAG G G G AAAAGGGGAAAACCAACCCCAAAAAAAAAAAAGGCCGGGGGGGGGGA AGGAACCGGAAAAGGGGGGAAGGGGAAGGGGGGAAAAGGAAGGGGGGAA AAAAAAGGAAGGGGAAAAAAAACCGGAAGGAACCGGAAGGCCAAAAGGGG GGAAGGCCGGCCAAGGAAGGGGGGAAAAAAGGCCAAGGGGAAGGAAGGG GAAAACCAAAAGGCCGGGGGGCCCCAAAAGGCCAAAAGGAAGGGGAAAAC CGGCCAAAAAAAAAAAAAAGGAACCAAAAGGAAGGAAGGAAAAGGAAGGC CAAGGGGAAGGGGGGGGAACCGGGGAAAAGGAACCAAGGAACCAAAACCC CGGCCGGGGAAAAGGAAGGAAAAAAAAGGCCGGGGCCGGAAGGAAAAAAG GAAAAGGAAAAAACCAACCAAGGAAGGGGAAAAGGAAGGAAAAGGGGAAG G G G G G A A A A A A A A G GAAGGGGAAAAGGGGAAAAGGCCGGGGAACCAAGGA AAAAAAAGGGGGGAAGGGGGGGGAAGGGGCCGGGGGGAAAAGGCCAAGG AAGGGGCCAAGGAAAAAACCAAAAAACCAAGGAAGGAAGGAAAACCGGGG AACCAAGGGGGGGGGGGGAAAAGGGGGGGGAAGGCCAAAATTAAGGGGA AGGAAAACCGGGGGGGGAAAAAACAGAAAGGGGGGAACCGAAGGACAGAA GAGGGGGAAGGAAGGGAAGGGCCCAAGAGAGAGCCGGGGGGAAGGAAAA AGGATTAAAAGGAAAAGGAGAGGGGGAGAGAGAGAAAAGGAGAAGGACAA ACGAGAAAAAAGGGCCGGCGAAAAGGAACAGGCATAGGGGGGGAGGCCGG AA $\operatorname{A} G \mathrm{GA}$ GGGAAAAGAAGGACAAGGAAGAGGGGGGAAGGAAGGGGGAAGA ACCGAAGGAGGGGGGCCAACAGGAAAGAGCAGAAAACGAAAAAAGGAGGA CGGGGAAAGGGGAAAAAAAAAAAAAAAAACCGAGAGGAGAGGGGAAGAAG

G G A G G G A A A A A GAGGGGGGCCGGGGAAGGGAAGCCCCAGGGCGGAGAGG GAAAGGAAAGAAGAGGCCAAAAAAGAGGGAAAAGAACCGGAAGGAAGGGG AACCGGAAGGAAGGCCGGCCAAGGGGAATTGGGGAAGGGGACAAAAGAGA GGGGGAAGAGAAGGGGGGAGAAAAAGAAGGAAGGCAGGGAGGAAAAAAA A G G GAA $A$ A GATGGGGAGAAGGGGGAAAAAGGGGAAAAAACCAGGGAAGG AAAAAGGGGGAAGGGGCCGGGGGAGGAAAAGGAACCGACCGAAGGGAGG A G G G GAGGGAAAAAGGGCAAGGGGGAGAAAAAAAGGAGCCGGGGCCGGGG AAAAGAGGGGAAGGAAGGGGAAGGAAGGAGAGGGAGGGGGGAAAAAAAC C GACCAGGGAAAAAAAGGGAGACAAGAAAAAGGGGAAGAAAAAGGAAGAA A G G A G A A A A A A G G GAAA GAGGGGAGGAGGGGAAGAGAAAAAAGAAGGGG GGGGAAGGAAAGAGAAGGAGGAGGAAACCCGGAAGGAAGAAGGGAAAGA GAAGAGGCCGAGGAAAAAGCCGGAAAAAGAAGGGAGAAAGGGGGGAGGA GGAGAGAGAAGACAGGACAAAAGAGGAAAAGGGAAAGGATGAAAACGGGG CATTGGAAGGCCAGGGAAGGGGCCAGAAGAGGGGGGAAAAAAGGAACCGG AAAAAGGAGAGAGGGGGAAACCAAACGGGAGAGAAGGAAAGGAAAGAAAA CCAGATGGAGGGAAAAAAGAGAGGAGGGGAAAAGGAGAGAGGGAAGAAGA GAGACCAACCGGACAAGGGAGGAAAAGAAAGGACAGCCAGAAAAAAGGAA G G G GAAA G G GAAGGTTCCAAGGTTAAAACCGGGGAAGGGGAAAAGGAAAA G G G A G G ACACAAAGGGACAGGATACAGGGGAGAAACGGAGGGGGGGAAG G G G A ACAGGGGGGAGAGACAAGGAAGGGGGAAAAAGACAGGCCAAGGAAA A G G G G G G A AAAAAGGCCAACCAAGGAAGGACCCGGGGAAAAAAAAAAGGA AGGAAGGAAGAACCAAGAGAGGAGGATACGAGAGGACCCCAAGCAGGCCG GAGGGCCCCAACCGGAAAAAAAGGGAACCCCAGGAAGAGCGAAAAAAAAA AAAGGCCGGAAGGAAGGGAGGAAAAGGGGGGAAAAGGAAGGAGAACAAAA AAAAACCGGAAGGGGGGAAGGAAAACCGGCCAAGGCCAGGGAAAAACAGG CTTGAGGGGCAGGGAGAGGGGAAGGAAAAAAGAGAAGGGGAAGGGAGAA GGCCAACCAAGGAAAAAAGGAAGGCCGGGGGGAACCGGAAAGGGGGAAGG GGAAAGGGGGAGACGGGAAAGGAAGAAGACAGACAAAAAGAAAACCGGTA G GCAAGGGAAAAAGGAAAACGGCCAACCAGAGAAAGAGGAAAGGAAGAAG GGGAGGAGAGGAGGCCAGAGAAGGAAGGAGAAGGGGGGGGAAAAGGAAA AAAGGCCGGAAGGGGAAGGGGAAAAGGAAGGAGCCGGACGGCCGGAAGA GACCGAGACAAGGACCACGGAAGGCAGGAAGGGGAAACAGGGAGAAACGG G G G GAGAGAGAAAGAAGGAGGGAAACAAGGGAAAAGAAGAGGGGGGAAG GAAAAGGAAGGAAAAGGGGGGAAAAAAGGGGAAAAGGAAGGGGAACCAAG AAGTAAAGAAGGGCAAACCCCCCGAAAGACCGGGGAAACAAGGGGAAAAA AGGGGAGCGAGAGCCGGGGGGGGAACCACGGAAGAGACCAAAAAGGAGAA AAAGGAAACAAAAGAAGAAAAAAAGGAAAGGAGGAAGGGAGGGGGAACCG GCAACGAGGAGGAAGAGGGGAAGAAGGGGCACCGGGGAAGGAAAGAGCC GAAGGGAAACAGGGCAGGGGGGAGAGAAGGAAGGGGGGGGGGAAGGGGC CCAAAAAAAAAAAAAAGAAACGGAGAAAAAAGGAAAAAAGGGAGAGGGAG AAACAAAAAGAGGCGGAAGAAAAGGCCAAAGGAGGCCAGGGGGAAAAGGG GGAAGACCAACCGAGCAAGACGGGGAGAGGAGGAAAGGGACAGAAGGAGA GGAAAGGGGAAGGAAGGGGCCGGGACAGAAAGGACAAAAGGAAAACCGGG G G G G G G G A G G GAGGGAAGGGGACGGACGGCAACGGGGGGCCAAAGAGGG AAAAAGCAGGAAGGAAGGAGAAAAGGCCGGCCAAGGCCAAAAGGGAGGGG GAGGAGAAAAAGAGAGCGAGGGAAGGGGCGCCGAGGGGAACCATAAGAAT AGAAATCAGAAGGAAACAGGAAGGGGAGAAGGAAAAGGGGAAAGAAAAGG AAGGCCGGAGGGAAAAGGGGAGCGGGCCAGGAGGAAAAGGGAGGAAGGA CGAAGCAAGGGAAAAGGGGGAAGCCGGAGAAGGGGAAAAGGGCCAAGAAG AAAGAGAAGAGGGAACAAGCAAAAAAAAAAAAAAGACGGGGACGAAGGGA GGAAAAAGGGGAGAAAAGAGGAGGGGAGAAGAAAAGAGGGGAAGGCCAAC CAGAGACAGGGCCAGAGAAGGAAAGGAGGAAGGGGGGCCGGGGGGAAAG AAGGAAAGGAGAAAAAAAGGCCTTCCCCAAGAGGAAGGGGGACCAAAAGG TTAAGGGGAAAGAGAAGAAAAGGAGAAAAGAAGGCAGAGGAGAACAGGAA AAAAAAGGCAAGGAAGGGCCGGGACCGAGGGAAAAAGACCAAGAACACAA AAAAAAAAGGGGGGAAGGGGGGGGGGGGAAAAAAGGGGGGGGGGAAGGG GGGGGAAAACCCCGGAAAAGGGGAAAAAAGGGGAAAAGGGGAAAAAAGGG GCCGGAAAAGGAAAAGGGGGAGGAAAAAAGGAAAAGGCCCCAAGGAAAAG GGACAAAAGAAAAGGGGGGAAAACAGAGAGGGGAAGGAAAAAGGGAAAAC CGGAGAACCGGGGTTAAGGAAGGAAAAGGGGGGAAGGAAGGGAGGGGGG AAAACGACGACCGAAGGAACCACAGGAACCCCAAACGGAAGGGGAGAAAG

G G G GAGAAGGAAGAGAAAGGGGAAGGGAGGAAAGGAGCGGAGGAGGGGA GAGAGGGGGGAGGCCAGGGAAAAGGGGCAGGGAGGGAATAGGGAAAAAG G GAAGGGGAGAAAGACAAAACCGAAAGGGACAAACCAAGGGAGGAAGGAG G G G G G G G GACAAAGAAGCCAAAAAAAAAGGGAAAGAAATAAGAAAGAAGA AGAAAGCCGAAGACCCGGAGGGGGAAAAAGGAAAGGGGCCCCGGAAGGAG G GCAAAGGGGAGGGAGAACCGGGAAAAACAAGCCCAAGGGGAGAGGAGCA A G G G G G G G G GCCAAAAGAGGAGAGGGAAGGGGAACCTTGGCCCCGGAAC CAAAAAAAAGGGGGATAAGGAAGGAGAAGAGGAAAAAGGGGGGGAAAGGG GCCGGCGGGGGAAAACCAGGGAGGGGGGAAGGAGGGGACGGAAGAGACA G G G G G G C G G G A GAAGGGGAGTTGAAGGAGGAGAAAGGAGAACCAAAAAA AGGAAGGAAAAAAAAGGACCCCCGGAAGGAACAAGGGAACAGGGGAAAAA AAGAACCGGAAAGCCCCAAAAAGAAAAAAGAGGGAAAAACAGGGGGACAG G GAGGGAAAAAAAAAAAAAGGGAACGGGGCCGACCGAAAGGACGAGGAGA CGGGGAGAAAAAGCCAAAGGAGGAAGGACGGAAGAGGAGCACCCCAGCCC CCCGGAAAAGACAAAGGTTAAGGGGCCGGAAGAGGAAAAAAAAAGAGGAC AGAAAGAAGGAAGAAAAAAAAAAGGCCAAAGAGAAGGGGAAGAGGGAGGA AAAAAAGAAAGAGAGCCAGGGAAAAAAGGAGAACAGAAAGAAAGGGGGAG AACACAGCAAGGGAAGAAAGAGGAGGAAGAAGAGAAACAAGGAAAAAAAA GAAAAAAAAGAGAAAAAAAGGGAGAGAAAGGGGGGGGAAGGAAGGACGGG GAGGGAAAGCCAAAAGGAACCCCGGGGAAGGAAAACACAAGAGACGAGGA G G G G G A T G GCCGGAGGAAGAAGGAAAAAACGGGAAAAGAAAAAAAAGCCC CGGAAGGGGCCGGGAAGCCGGGAGAGGGGAAAAAGAAGGACAAGGAAAA G GAA $\ln A \operatorname{A} G \operatorname{GAA} A A A A A G G A A G G G G G A G G G A A C G G G G G G A G A C A A A G A G G$ AAAAAACGGAGACAAAAAAGAGGAACCAAGGAGCCGGGGGGGGGAAGAGA AAAGGAAAAGGGGACGGAAGGAGGGAAGAGGAAGGGAAAAAAGAGAAAAA G G G G G A A A A G A G G G G A A A A G G G G A G GACAGAGGGAAGGAGGAAGGGGGG GGGGAGGAGGAAAGCCAGGGCAGGGAGAGAGGGGCCAACAAGAAAAAAG GAAAAGGAAGAAAGGTTAAGGACGAAAGAAAAAAGAAAAAGAAACAAAGA AAAAGAGGGCCGAGGCCATCCAGGAAGGGAAAAGACGACGGGGAAAAGGG AAAGAAAGGAAAGAGAAGGGGAAGGGGAAGGCACCAGAAGACCGAAAGGG AA $\operatorname{A} A A \operatorname{A} G \mathrm{G} G \mathrm{G}$ GCCAAAGGAGGGAACGGAGAAGGAGGGAAGAAGAAGGGA AAAAGGCGAGGGAAAAAAGGGGGGCAACGAAGAAGGGGAAAAAACCCCGA G G G GAGGGAGAGCAGGGGGGAAAGAAAGGGGGAGAAGACCAAAAACAAAC AGAAAGAAAAAGAAGACCGGAAAAAGCAAACGAAGAGGACGGGGGAAGAA TTGGAAAAGGAACCAAGGAAAAGGGGTAGGAAAAGGAAGGAGAAAGCCAA AGGGAGAAAACCAAAAAAAAGGAACATACCGGGGAAGGTTCAACACAAGG GAACAAGAGGAGAGGGAAAAGGTACAGAAGAAAGGGAGGACAAGAAGGAA AAAACCGGCAAAGGAAAGAAGGAAGGAAAAAAGGGGAGGGGGGGGAAGG GGGAAGGCAAGAAGGGGGGGGAAAAGGGAGGAAAAGGGGGGAGAGGAAG AA $\operatorname{l}$ GGGAGAGAAGGAAAAAAGGAGAGAAAAAAGGGGGGGGAGGGGAAAA AA G G GAAAGAGGGAGATGGGAAAGGGGGGAAGGCAGAAAGAAAGGACAAT AGGAGCCAAGAAGCAACGGAAAAATGAGAGAATTAACAAAAAAGGGGAAG GAGGAGGGGGGAACGGGTACCAAAAAAGGAACCGGGGCAGGAGGGAAGA CAGAGGGACCGAAAGGCCAAGGGAAAGGGGAGAAGGAGAACCAAAAGACA GGGGAAAAGAGAAAAGAGGGGGAGCCGGGGGGCGAAAAGGGACCAAGGG GGGGGGGAACAGAGGAAAAGGAAAAGGGGGAAGAAAGAAGGAAACAAGG GGCAAAGGATACAGACGACCGAAAAAAAAAAGGGGAGGGGAAAACAAACC AGAGAGAGAAGGGGGGAACCAAGGAAAAAAGGAAGGAGCACAGGAAAAAC G GCCAAGGAAAAAAGGAAGGGGAAAGAAAAGGAAGAGGGAAGCCGAGGAA G G G G G G G G A A G GAAGGCCGGAGGGAACCAGGGAGGAACAGGGGGAAAAA GAGAGGAAAGGAAAGAGAAGGAGAGAGAGGGAGAAAGTAAAAAGAGGAGC AGGACAAAGAGCCGGATAGAAGGACAGAGAACCGAACAAAAAGAAAAACC CTAGGTATTAAAAAAGGCCGGCCGGGGAAGGAAAAAAGGAAAAGGGGGGA AGGGGAAAAGGAAGGAAAACCAAAAGGGGGGAAGGCCGGAAAAAAGGGGA ACCGGAAAACCAAGGGGGGAAGGAAGGGGGGGGAAGGGGCCAAGGTTGG AAAAAAAACCAAAAAAGGAAGGAAAACCAAAACCAAGGGGAAAAAAAAGG AACCAACCGGTTAAAAGGCCGGAAAAAAGGGGCCAAAAGGGGGGAAAAAA AA G GAA G G G GAAGGAAGGGGAAGGAAAAAAAAGGCCCCCCGGCCTTGGAA AAAAGGAACCGGAACCGGGGAACCGGGGGGAAGGGGAAGGGGAAAAAACC
 AGGCACCAAAACCAGGGCCGGCCCAGACAGGAACCGGAGGGAAAGACGAA

GCCGGAGGGAGGGGGGAGGGAGGCGGAAGGGAAGGGGCCGGAAAACCAG TAGAACGGCCGGGAGAGGAAGAAAAGGGAGAGAGACAGGGAAAAAAGAAA AAAAGGGGCCAAGGAAACAAAGGAGGGAAGGGGGAAGGCCGGAGCGCAGA GAGGACGAAAAAGGCCGAGGCCAGGGCCAAAGAGGGAAAGGAGGAGGGA GGCAGGGAAAAAGAAGAAACCAAAAGGGGCCGGGGAAGGAAAAAAGGAAA ACCGGAAGAAAGAGAGGAAAAGAGAAAGAGAAAACCAAACAAAAGAAGGA AAAGGAACCCCAAGGAACAAGCCAAAGAACAAAAAAAAGCCGGAAAAAAG GCCAAGAAGCCGGCAGAAAGGACAGCCAAAAGGACAGAAAGGGGAGAGGG GAAGGGGAAGGCAAAGGAGGAAAAAAAAAAACCAAGGAAGGCCGGGGACA GAGCGGGGGAAGGACAGGGAAAGGAGCGAACCAACAAAAAAGAGAAGGGA GCCGGAAAACAGGAAGGGGGATTGAAAAACCCCGGCCAGGAGAGAACAAA AGGAAAAAGGAAAAAAAGAGAGGGGTTAAAAAAGGGGAAGGGGAAAAGGG GAAGGCCAAGGGAGGGGGGGGGACCGGAACCAGACGGAAGGAAGGCCGG AAGGAACCGGAAAAGGAGAGGGGGAAAAAGCCGGAGAAGGAAAAAAAAAA AAGGGATTCAAAAAAAGAAGGGAGAAAAACATAAAACCGGAAAAAAGAAA GAAGAGACCCGGTTAGAAAAAAAAGGGGGCAGAGGAGAGGAGCGCCAGAA AGGGGGGGGGAAGGAACCAAGATTAAGAAGAAGAGGAAGGGAAAGGGGA A G GAATTGGAAGAAAGGAAGACCGGAGGAGAGGAGGGGGAACCGGGGGA GCGAAACCGAGGCCGACCGAAGGGCAGGGGAACACAGAGGGGGAGGGGG AAGGAGAACAAGGAAGAGGAAGGAAAAAAAGAAGAAAAGGGACAAAAAGA AAAGGCCAAGGCCAAAAGGCCGGAAAATTGGGGGGAAGGAAAAGAACGAC ACCAAGGAGAACGGGAACCAATTAAAACCGGAAAGAAGAGGAACAGAGAG AA $\operatorname{l}$ GGGGGGGGCAGGGGGAGAGGGAAAAGCAGGAAAAAAGGGGAGGAGA GAAAGGAAAGCCCAAGAGAGAACACCGGGGCCAGAAAGAGGAGGGGGGGA AAAAGGAAAAGGAAGGCAAGGAAGACGGGGGGTTCAAGAAGGGGGGCGAA GGGAGGGAAACGCCAAGGGGAGGGAAGAGAAAAAGGGGGCGGCAAGAAG GGGGGACAAGGGGGGGAGAAGGGGGGGGAGGAACAGGGGAAGAAGGGAA AAAAACAGAAAAGGAGAAAGAAGGAGCCGGGGCCAGGGAAAAGGAGAAGG GAAAAAAAAAAAGGGGGGAAAAGGGGCCGGGGAAGGAGAAGGGGAGGAA ACCCCCAAAAAGAAGAGACAAAAAAGAAGGGGAAAAATTCCAACCGGGGG GAAGGCCGGAAGGGGAAGGGGGAGAAAAAAAGAAGAGACGGAAGGGGAA GAGAAGGAGAGAGGAGCCAAGAAAATAGGGAAAAGGAAAGAAGGAGAAAA AGAAAGGGGGCGAGCCTTGGAGGGGGGGGGAACGGGGAACAGGGCGCCG GAACCAGAAGAAAAAGGAAAAAGACAAAAACGAGAAAAAGGCAATCCAAA GAACGAACCGGGGAGGGACGGGAGGGGCCAAAGGAAGAGCAGAAAGAAAC CTTGAAAGGAGGGGGGGGGGGAGGGAAGGGAACAAAAGGAAGAGACCCC AAAAGGGGGAAAAGAGAACAAAAAAAGGGGCCAAGGAACAGGGAAAGGGG GACCGAGGGAAGGGGGGGAAAAGGGGGAAAAAGAGGAAAAGGAACCAAG GAACCGGAAGGCCAGACAAGGAAGGGGCCAGACGACCAAGAAAAGACAGG GGGGGAACCAAGGCCCAAGGCAAAAGGAAGAGGACAAGAGGAAAACCGGG GGGAAAAGAAGAGGGAAGGGAAAGGAAGGGGGAAAGGGGAGGGAGGGGA GGAAGGCCAACCGGGGGGGGAAAAACGAAGGGGAGAGGGGAAAGAAAGA GAACAGGAAGAAAAGAGAGAAGAACCCCCGGGACAGAAAGGGGGAGAAGG GGAGGCAAGAGAGGAGGGACCAGGAACGGGGGGGAGAAGGGGAAAAGGA GAGGGGCAGAGAGGGGGGGGCCAAGGAAGGGGAGAAGAGGGGAGAAGGG AAAGGAAAAAAAAGGGGGAAAAAGAGAACACAAGGGGGAGGGGGGAAAAA GCCAAGGGGAAGGGGAAGAAAGGGGGGGAGGAGAGCAAAAGAAGACCAA GAAAGAGAGGCCGGAAAAAGAGCCGGGGAAAAAGAAGGGAAACCAGGGGG AAGAAAGGGGCCGAAAGGCCGAAAAAAAGAGAAAGAGGCCAGGGGGGAGG GGAGAGGGCCGGGAAGAGGAGGAGAGAGGGGGAAGGAGGGACAAAAAAA AAAAAGGGAGACCAAAAGGAAGGAAGGCGAAAACCAGGAGAGGAAGGCCA AAAAAAAGGAGGAACGGACGGGGGGGAAGACAGGAAGCCAGGAGGGAGAC CGGGGAGAGGAAAAAGGTTGGAAAAGGAAAAAGACAAGGAAGAAAGGCCC CGGGAAAGGAAGGAGGGAAGGAACCAAAAAAAGGAGGAGAGGGAAGGGG G GAAAAGGAAAAAAGGGGGGGGCCGGGGAAAAAAGGGAAAGGGGGGAGA AGGAACAAGGGGGGGGGAGAGGGAGAGGGAGACGGAGAGGGGGAAGGCC GGTTGGAAACAAAAAAGAGGGAAAGGAAGGAAGGAAAAGGAAAAAACAGA AAAGAGAGGGGGAAAAGAAAGAGGGGAAAGAGGGAGAGCCAGCCCCAAAA AAGGAGAAGGAAAAGGGGGAGAGAGAAAGGGGAACCAAAAAAAGGGGAGA GGCCAAAAGGAAAAAAAAAAAAAAAACAGGAAGGGAAGGGGGGGGGGGGG GAGGGGGGCAAGCGAGGGCCAAAACCAAGGAAGGAAAAGGAAAAGGAACC

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G G GAGGACGAGAGGAGACGAAGGAAAAAAGAAAGGAAGGGGAAGGGAAAA GGGAAAGGAACCGGGGAAAAAGCAAGCCAAAAAGAGGGGAAGAAGGGAAA AAAGAACAGAGGAGGAGAACGGGGAGAAGAGAAGAAGAAAACGAGGGGAG CAGGGGGGGGGAAAGAGAGAAGGAACGGAAGGCAGGACAAGACCCAGGAC A G GAGGACGAGAGAGGGGGAAGAGGGAAAAGGGGGAGAACGAGAAGAGG GAAGGGGCAGGGGAAGGACCAAGGACAGGACGGGGCCGAAAAAGGGGGA AA GAAACCGGAAAAGAAGCAGGAGGGGGCCAGAAGGAAAAGAGGAAGAGG
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A G GCGGGGGCAATAAAAGGGAGGGGGGGGGGCCGGGGGGAAGAAGAAAG G G G G G GAAAAGACCAAGGGGAAAACCAAGGAGAGAGAACAGAAGGGAGCC GACCAAAACCAAAAAAAGAACCGGAGAAAAGGAACCAGCAAACCAAGGCC GAAGGAAAGGGGAGGAAGAGAGAGAAAGAAGACAAAGGAGGGAACCGGG GAGAGAACCAGCACAGGAAAACCGGAAAGGGACGGGGGGAGGGCAGAGGA AA G G GAAGGAAGAGGAAGAGAGGGGCCAAGGGGAGGGCCCCCCAAAAGAA AAA $\operatorname{A}$ GGGCCGGGGGGACCAAGGGCCGGGAAGCAACGAACCCCCCCGGGAG G G A G A G G A GAA GACCGGGGGGAACACAAAAGCAGAGAGGGGGGTTAAAAA GGGAGGAGAAAGAAGAGGGAAAAGGCCAAAAAGAGGGAGAGGGAGGGAG G G G G A A A A A A A A G G G G G A A A G G A A CAA GAGAACAGGGGGAGGAAAGAGCC GGAAGGCCAAGCCCAAGACCCCAAAAAAAAACAAGAAGAAAGGGAAGGCC AGAACAGAGGAAAAAAGGAAAAGGGGAGAGAAGGGAACGGGGAAGGAGAA AA G G G G G GAAAGAGCCAAAGGCAGAGGAGAGAGGGGAAAAGAAAAGGAG GCCAAGGGGGGAAAAAGCCGGAAGAAGAACCCCGGGGAGAAAAACAGCGA GAGTAGAAAAAAACCGAGGAGAAAAAAAAAAAAAAAAGGAAAAAAAAGGG GAAGGAAAGAGGGAGGGCAAAAAAAGACCCCAGGGGGAGAGGAGGGAGG AAAAAAGGGGAGCCAAGGGGGGAAACGAGGAGGGGAAGAGAAAGAGCAAG CAGACCGGGGGACCTTGGGACACAAAGGCCAAGGGGAAGGAGAAGGGGCG GGACAGAGGGGGTTAAAGAGGGGAGAGCCCAAGAGAAGGGGGGGGAACA GGGGGAGAAAAGGGGGGGAGGAAGGGGAAAGAAGGAACACCGAGGAGAA G G G A G G G GAGGAGAAAAAAACCGAGGCCTTGGGGGGAAAGAAGGGGAAA GAGAAGGAAGGAAAAAAAGAAGGAAGAGGAAAACGGAGGAGAGGAGGAGA AAGGGGAGGAAGGGAGAGGAGGGCAGGAAAACAGGAGGCGGGGAAAGAA GGGGGAAGCCGGAGAAGCAAAAAAGAGAAAAAGGGAAGGGTAGAATTAAG G G G AACAAAAAAGGGGGGAAAAGGAAGGAACCAAAAGGAAAAGGGGCCAA GGAAGAGACCAACCAAAAAGGAAAAATTAAAAAAGGCCAACCAGAGGGGA GAGGGAAGGGGAAGAACAAAAAGGGAGGGGAAAAGAAGGAGGAGGGGGC AGGAACAGGCCAAGGAAAACCGGAAGGAAGGGGAAGGAAAAAGAGGGAAG GAAAAGGAGAAAAAAGGGAGATTAGAGAAGAGGAGGGAGAAGGAGGGAAG GGGGGAGGGGGCCAAAAGGGGAGGAGGAAGAAGCCCGGGGGAAAAAAGG G G G G G G G GCCGGGAAGAGGACCCCCCAAGGGAGGAACCAAAAAGAGGGAC AAGAGAACCAAAAAAAAAAAGGAGGGGGAAGGGGAAGGGGCCGAAGAAAA AA $\operatorname{A}$ GGGGGGGAAAAAAGAGAAAGAGGGAGAGAGAAAAAGGGGGGAGAGA AATAAAAGGGGGGAAAAGGAACCCAAGAAGGAAAAAACCACAAACGGAAG GAAGAAGGAGAAGAGGGCAGGCCAACCGAGAGAAAAAAGAGGGGGAGAGA CGAAGCCCCGGGAAGAAAAAACCCAAGCCGGAGGGGGAACCGAAACCGGG G G G G G G A A GAA $\ln$ AGGGGGGTAAAAAAAAAAAGGGAGACAAAGAGGAACCG G G G G GTTGGGAGGGACGCCCAAGCAGAGAGGAAACGGGAAGAGAAGGAA AGGGAGAAAAAAAAGGGGAAGGACAAAAAAGAGGAAGAAAAAAAAGGAGA AAGAAGAAGGAAAACAGGAGCAGACCGGTTAAAAAAGGAAGGGGCCAGGG GGAACCGAAAAAAAAAGGGAATTAAAAAGGGGGGCAAAGGCCGGGGAAGG G GAGAAGGAGAGAGGGCAAGAAAACCGGAGACTTGAAAAAGAAAGGAAGG GAGAAAGGCAAGGAGGAAGAACCAAGGAAAACGGGGAAGGCCACAGGGGA G G G GAA G G G G A A GAGGAAAAGAGACCAAGGGGGGGGGGAAGGCCACAGA AAGACGGAAAAAAAAAAGGGGGGAACCGGGAAGAGCCAGAGAAAAGGGGA AAAGGGGAAAGGCACGGGGAACCGAAAAACCCCGGAACCAAGGGGGAGGA AGAAGAAAGGGGGTTAAAAGGGGGGGGAAAGGGGGCCAGAAGGAAAAGG A G G GAAA $\operatorname{A} C C G G G G G G A A A G G G G G A A A A G G G G G G A A G G A A A A A A C C G G C$ CAAGAAGGGAGGAGATTAACCAGAAAACCGGAAAGGGCCAGGGAAGGAAA AAAAAGGAAGAAAGGAAGGAAAAGGAAAAGGACAGAAAGAAAGAGGAACG G G AAAAAGGGGACGGAAAGAGGGGGCCAAAAGGAAGAGGGGAAGGGGAA GGAAAAAACAGGGAGAGGAGGGAAGGAACAAAGGGACCCCGGGGAAAAGG GAGAAGCAAGGAACGAAAGAAAAAGGCCAAAGAGGAGAAACCAAACGGAA GAAGGAAAAGAAGGGAAAGGAGGGGGAACCAGGAGGGGAAGGCCGGGGG AACAGAGAGGGCCGAGGGGGGGGGGAGAAAGAAGGGAAAAAGGAGAAAG AA G G CCCAAAGGAGGAAGAGAAGGAAAAGAGGGAGGGAGAAAAGAGAAAG GGGGAAGGAAGGCCAGAAAAGGAGGGGGGGGGAGGGAGAGACGGCCGGA AGGAGCCGATTAAGGAAAAGGGAGGGAAGAGCCGGAGGGAAGGAGCCAAG G GAGGAAGGAAGGGAAGAAAAAAAGACACAGAGAAGGGAAGAGGAGAAAG GCCAGAAGGGGGACGGGGAGGAGGCGGAACCAAAGGGAGCCAACCGGGG G G G G G G G G G GA G G G G G G GCCGGAAGGAAGGGGGGAAAGGAACGAAAGGG

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 AA $\operatorname{l}$ GGGGAAACGCAGAAAACCGGGGGGGGAGAGGGGGGGACGAGAAACC AA G GAAGAAGGGAAAGCCAAAGAAACGGCCAAAAAGGGGGAGAGGGCAGG G G G GAGGGGAAGGAGGAAAAACCCAGAAGAGGAAAGAAAAGGAACCAAAT A G G G A G G ACAGAGAGGCCAGGGACAAGAGAGAGGGGCAGAGAGAGGGGA GGGAAGGGGGGAGAAGGGGGCGGAGAAAAGACCAGCAAAAGAGGGGAAA AAGAGAAAAGGGAAAGGGCAACCCAAAGAGGGGACAGGGGGGAAAAAGGG GGAGGGAAAGCCGGAAAAAGCAGGGGGGAGGAGAATAAGGAGAGGGATG GCCGAAAGAGAGACAGAGGGGAAAAAAAAAAAACCAACAGGAAAAGGGGG GGAGGGGGGAAAAGGAAGGGGAAACAAGGGGAAAGGGAGGGGGGGAGGA G G G G G A G A G G G A G A A A G G G G GAGGAAGGAAGAAAAAGGGGAGGGGGCCA AGGGAAAAAGGACAGAAAAGGGGAAAAAAGGCCAAGGAACCACAAGGCCG G G G G GCCAA G G GAA GACAGCGAAAAGGAGAAGAAGGGGGGGCCAGGGGG AAAAAAGGGGAGCCAGGGGGCCGGAAGGAAAAGGAAGGAAGGAGGGGGG GCAGAAGAAAAGAAGAAAAAGAGGGGGGGGGGGAGAAAGAAGGAAGGAA GAAAACGAAAAGGGAGAAGGAAGGAAGGAAGGCCCAGACAGGAGGGGGAC GAGGAAAAAAAAAAGAGGAGAAGGAACAACAGGGAAGGAAGAGAAGAAAA G GAACAAGGAGGAAAAGAAAAAAGAGAAAAGGAGACGAGGAAGGGGAGGA AACCGGGGGGAAAAGGGGAAGGGAGGCAAGAGGACCGGGAAGGAGAAAA A G G G G GAGGAGGGGGAAAAAAGGGGGAAGGAAGGAAGAAGGGAAGAAGA CCAAGAACGACCGAAGAAGGCCAAGGGGGGAGAGAAGGCCGGGGAGAAAA AGAACCAAAAGGGGGAAAACAAAGGGAGGGGGGCGGGGAGGGAAGGAGA G G G GAAAGGGGCCAAAAAAAAAAAGGAAGGGCCAAGGGGCGAGGAAGCAA AA G G GAA $\operatorname{A} A \mathrm{~A} A \mathrm{GAAAAGGGAGGAAGGAAGGACCAGGGAAGGGGGAAAGG}$ CCAAAACCCCGAGAGAAGGGAGAGAAGGAGAAGAGGAAAAAGGGGAGGCA CAAAACACGGAAGGAAGGAAGGCCCCGAAAGAGGAGAAGAAACCCCAAGG GGAGAAAGAAAAAGGGGGAAAAAAGGAGGGAGAGAGAGGAGGAACCGGAA A G G A A C G G G GAGGGAGAAGGGGAAGGGGAAAAGGAAGGGAGGGGGAAGC CAGGGAAAAGAGGGGGAAAGGGGGGGGGAGGAGAAGGGGGGGGGAGAAA G G G G GAAGGAAAGGAAGGGACATTAAAGAAAACCCCGGAAAACCACGACC AGAGAAAAGAGAGAAGAAAGAAGGAGAACAGAAAGGAAATAAGGGGGGAG CCGAGGAAAGCCGAGAAAAAAGAAAGGAGGGACCGAGGAAGGGGAAGGAA GACAAGAACCGGGAAAAGAACCAGACGAAAAGGAAAAGACGGGAGGCAGG GAACAACCGAAGAAGGAGAGGGAAAAGGTTGGAACCAAAGAAAAAAAGAA AAAAGGAAAGGAAACCAAGGAAGGAAGGGGGGGAGGGACAGAACAAAAAA GAAGAGGGAGGAAAAAGAGAAAGACAGAAGCCAAGAAGGAGAGAACGGAA GGGGGGCCAGGGAAAAAAATGGAGCCAAAGGGCAAAAACCGGCAGGGAAG CAGAAAGAGAAGCAGAAAAAGAGGGGAGAGACAGGGATTAGAAAAAGGCC GGAAAGGGAGCATTGACCGGAAGGAGAGAGCAAAGAGGTAAGAACCGAAG ACGAGGACGAAGGAAAGGGCGAAGGGGAGGAAACAAAGGGTAGGAAGGG

GAAGGGGAAGGAAGGGGAAAAGAACAGGAAAAGGGCCGGGGAAGGGGAA AA $\operatorname{laxA} A \operatorname{GAA}$ GGGGCCCGGAAGGAAGGAACCGGAAAAAAACGCGAGAAA GGAAAAAAAAAAAAAAAAAAAAGAAAGAGGGGGGGGAAAAGGGGAAACAG GAAGAATAAAGGGAAACCAAGGAGGAGGGAGGAAAACAAGAAGGAAAGGG AAGGAAACAGAAAAGCAAGGAGGCAAAAGGGGAAAAGGCAGGGGGAAGGA GGAGAAGGGGGCGAAGAAGAAAGAGGAAAGGACCGGGGGGGGAAAAGAA GGAGGAAAAAGAAAGGGCAGGGGAAAAGGGGAACAAGAGAGAACCGAACA GAGACAGAACCAACCAGGGAAAAGGGGGGACGAAGGGGAGAGGAGAGACA CGACAGGGAGAACGGGAAAGAAGGGGGGGCCAAGGGAAGAAGGCAGAAG AAAAAGGGACACAAGAGGGGAGGGGACCAACAGAGAAAGAAAGGAAGACA AAAAAGCCAGAGAGAGAAGGAACACAAAAGAGGGGAACGGCCGAGGAAGG AGGGGGGAGCACGCAGGACCGGGGGGAGAAGGAGCCAACAGGCCAAGGA AGAAAGGGGGAAGGGAAGGAAGAAGCAAACACCGAAAACTAGGGGAAAAA ACAAGAAAAGGGGGGAAAGAACCCAGGGGGGCCAAAAGCAAGGCCAGAGG GAAAAGGAACCAAGGACGAGGAAGGGGAGGAACGGAAGGGAGGAAGGGG GGGGAGCCGGGGGGACAAAAAGAGGGCGGAAAAAAGAAAAATAAAGGGAA GGCAAATTAAAAAAAACCAAAAAAAAGAAACCGACCAAAAAGGGGGAAAGA AAAGGAACCGGAGAGAAATGGAAGAGGACGCACAAAGGAAGTACAAAGGA ATTAAACAACCAAAAAAGAAGAGAAGGGGGACAAGAGAGCAGGAGAAAAG GGGGGGAGGAGCCGGGAAGGGAGGAGAAAAGCCGGAAAAAGAGAAGGGG AGACGGAACCAGAAAAAACCAAGGGGAAGAAGAAAAGAGACAAATAAAAA GAGGAAAAAAAACCAAAGAGAAAGAACAAAAAAACACACCCAGGCCGGAA GGAATTAAAAGGGAAAAAGGAGAAGAAGAAAAGGCCCCGGGGGGAGGGAC GAAAGGGGGGACAGAAGGAAAACAGCGGAGAGCCCCAAGGGACCGGAGGG AAACGGAGGCGAGGAGAAAAAAGGGGGGAAAGAGAAAGAGGAGAAAAACC AAACAGGGCAAAGGGATTGAAACAGAAGGGCCGGGGAGCCCCGGGGAGGG AAAAAAGGAACAGGAAGGAAAGCAAGGAGAAGACGGAAAAGGAAAGGAGA GGGAGAGGGGGAGGGGCCGGGAGGAAAAAGAGGAAGAAAAGGCCAAGGA AAGAAGGGGGAAAAAAAAAGGAGAACCGAGGAGAAAGGAGGAAAGAGAAA ACAGAGAAGGGAACACCGGAGGGACGGAGGGAAAAGACAAAGGAAGGCGG AGGAAAGGGCACCAAACGGGGAAAGAAAGGAAGACGAGGAAGGAACCAAA GATAAGGGGGAGAGAGAGGCCGGGGAGAAAAAAGACGCACCGGGGCCGG GGGGAAGGAAAAAAGGAAAAGGAAAAAAGGAAAAAAAAAAAAGGAAGGGG AAAAAAGGAAAAGGAACCGGGGCCGGGGCCAAAAGGGGCCAAGGCCAAGG GGAACCAAGGAAAAGGAAGGAAGGGGAAGGTTCCAAGGAAAACCAAAAAA AAGGGGAAAAAACCAAGGGGAAAAGGCCGGGGGGAAAAGGGGGGCCAACC GGGGGGGGGGGGGGAAAACCCCAAGGAAGGAAGGAAGGGGGGGGAAGGA AGGAAGGGGCCAAGGAAGGGGGGGGCCAAGGGGAAGGCCAAAACCAAAAA AGGGGCCAAGGGGGGGGCCGGGGGGAAAAGGAACCAAGGGAAGGGCGGA GAGAAGGAGAAGAGAGGCGGAAAAGGAAGAAGACAGGCAGAAGGGGAGCA GGAAAAAAGGGAAAGGAGGGGAAAAAAAGGGGGGAAAAAACAGAGAGAAG GAAAAAGAGAGGAAGGAAAAGGGGAGGGGAGGGGAGGAAAAAGAGGGGC GCAAGCCAGCAAGGAGGAGGGCCCCGGAAAAGGGGAACCGGAAGGCCAAG GAACCAGAAGAGGGGAAAAAGAGAGAGCAGAAGAAGGCCAAGGGACCAGA AAGCCCCGGGAACAAAGAAAAAGACGGCCAAGGGAAGGGCCGAGAAAGGG AA GCCAAGGAGAGAAAACAGGAGGGGGAAGACAAGAAAAAAGGAAAAGGC AGGAAAAGGGGAGGGACAAGGGGCCGAGGCACAGGAACACCCCATCCCCA CGAGGGGAAAGCAGAAGGAGGGGACAAGGGGCCGGAAAAGGGGGAGCGA GGGGGGAAGGCCAAGGAAAGCAGAAGAAGGGGCCAAAAAAAAGGAAAAAA GGAAGGTTAAGGGGGGAAGGGGGGAAAAGGAAAAGGAAAAAAGGGGCCA AAAGGAACCGGGGAAAAGGGGAAGGGGGGGGGGAAAAAAGGAAAAGGAA GGAAGGGGGGAAGGGGCCGGGGAAAAAAGGAACCGGCCAAGGGGGGAAG GAAAAGGAAGGGGAAAACCAAGGGGCCAAAAAAGGGGAAGGAAGGGCAGA AAGAGAGGACAGAAGAAAAGAGAACAAAAGGCCAGAGGGAGGGGGGGAAA GCAAGTTGGAAAAGGGAGAAGAAGGAAAAAACCGGAGGGAAAAAAGGAAG GCCAGAGGGAAGGCCAGAGAAAAGACACAGGGGAAAAGGAAAAAAGGAAA AGACAAACCGGAGAAAAAAGGGAAAAGAAGGGGGGAAAAAAAGAAACAAG GGGAGCAGGGGAAAAGAGGAAGACCAAGGGGAAAAAAGGAGCCGAACAAG GAAAAGAAAGAGGAGGGCCCAAAGGAGAAGGAGAGCGGGGGGGGGGGAG AGGGAAAAAAAAGGAACCGGGGAGAAGGAAAAAAGGGGGAGAGAAGAAGG GAAGACAAGGAAGAATGAAACCCCGGGGGGGGAAGGAACCGGGGCCCCCC

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 G GAAAGGAAAGAAAAGGCCGGGGGAACAAGAGAAGAAGGCAGGAAGGCCG GAAAAAGGAGGCCCACCGAAAAAAACCGGCCCCGGAAGAAGAGGGCAAAG AA G GAAAGGGAAAGAGGAAACACGGAGGAAAAAAGAAAGGGAAGAAGACC AAGGGAAGAGAGGAGGAAAAAGGAGAAAAAAGAGGTTGGAAAGAAGAAGA GAAGGAGGGGAGGCAGGCAAGAAGGGGAGGAGGGGGAGAAAGGGGAGAA GGAAGAACAACCGGAAGGCCAAAAGGAGGCCCGGCAGAAAGGGGGGAAGG AGAAAAAAGGCCAAAGGACCACGGGGAGGGAAGGGGGCAGGGCCGGAAGA AGGGGGGGGGAAGGGGGGAAAGAAAACCGGAGGGAAGGAGGAACAGAAA GAGAGAAGGGGGGGAGAAAAAGGAAAAAATTAGAAAAGGGAGAGAGAAAA GAAAAAAAAGAAGAAGACAGGGAGGGGAAGGGGGGGGGGAAGGGGGGGA GGGAGGCAGGGAGAGGGGAAAAGGAAAAAACCAAAAAAGACCGGAAAAGG G G G G G G G G G G G GAAGGCAAACCGAACGACCAGAAGGAAGGGACCAGGAG GAAGGGAGGAACCAAAACCAGAGAAAACCGGGGGAGGAAGGGGAAGGGG GGAAGGAAGGCAAACAAGGCAAGATAAAGACGGGCACCAAAAGGAGAAAG AGAACCGGGAAAAGACAAAGGGGGGGAGGGGGCCACCCAAGGGGAGGAG GAAA $\ln$ ACAAGGGGGAGGGAAGAAGGAGGGCAGGGGGGAAGGGGGGAACC GAGGAGGAAGGGGGGGCCAGGGCCAGAGAAAAGGAAGGGGGGAAAAGGG GAGAACCGGGGAAGGGAAGGAGAAAAAGGGGAAGAGGGGCCGGGGGGGG
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 A GAGAAAGGGAGGGGAAAGAGGGGGCCCCAAGAGAGGAGCAGAAACCAGA ACCAAAGGAAGGGAAGGAAAGAGGGGGGGAGGGAAAAAGCCGGAGCAAAC AAAGAAAACGAGGAACCAAAAAGCAGGAAAGCCGGGGAAGGAGAACCAAA GAAAAGAAAGGGGGGAGAGGACCGGAACCAAGGAAAAGAGGGGGGGAAG AGTTGAGGGGAGGAAAGGACGGCCAGAGGGAGAGAAAGGAAGACAGGGA CCAGGTTGGAAGGAGGAGACAAAAGGGGAGAAAGGGGAAGAAACAAGGGC CAAAAACCAGAGAAGGGAAAAGGAAAAAGGGGGGGGGCCAAGGGGAGGG GGGGGAGGGGAAAAAAAGAAGGCCCGGGGGGGAAGAGGAAGGGGGGAAG GAAAGAAGGCCGGGGGCGGGGAAAAAAAAGGGAGGAGGGAGAAAAAAAGA AAAAGAGGAAAGGGGGACCGGGAAAAGAAAGGGAGAGAGAAGGAAAAGGC CAAAAGGGAGGAGAAGGAGCAGGGAAGGGGGGAAAAGAAGGGGAAAACCA

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$28102000-9$ GAGGGGCCGGGGAGAGAAGGAGAAAAAAGGGGAAAAGGAAGC CCCCAAGGAGAGCAGGGAAGGAAGCCGAAAGGAACCGAGAAGGGGAGGGG GACCAGAGGAGGCCGGAGCCGGAGAAAAACAAGGAAAGAGAAAAGGAAAG AGACGGGGAAAGAAGGGACAGAAAAAGGAAGGCCAGAGCCGGAGGAGAAA CAAGGAAAAACCAAACGGACAAAGGGAAGGGGGGAAGGAGAGACAGCCGG GAGGAGAAGGGGGGGGGGGGGGAAGAAGAGGGGATTGGAAGGAAAAAAA AGGAACCGGGAAAGGGGAACCAGAGAGCAAGCAAAGAAAGAGAAAGGGGA AAGGGAAAGAAGGAAGGACAGAGGGAAAGCAGAGGAACCGAGAAAGAGAA GGGGGAGACGGGCAGAAAAAGAAGGAACCAGCAACCCAGGGAAGGAGAAA GCAAAAGATGGAAAAGGGGGGAAAACCAAGGAAAAAACCTTCCAGGGCCG GGGCAGAAGCAAGAAAGGAAACAAAGAGAAAGGGGAAAACCGGAAGAAGA

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GAAAGAAAGAAAAACCGAAGAAGGAAGGGGGGAAGAGGGGAAAGGGAAGG AGGAAAGCGAGGGGAGAAAGGACCGGGGAAGGGGGGGGAGAAGGCACGA AGAGGGGGGCCAAGGAACCAAGAGGGAGGGACCAGGAACGGCCCCGGGG GGAAGGGGCCCCCCGGGGAAGGAAGGAACCAACAGGAAGAGGGAGGAAAA AAAAGGAGGAGGAGGAGAGATTGGAGGGGAAAGGGACGGACAAGGGCAG AA $\operatorname{la} A \operatorname{AGAA}$ GAGGCAAAGGAGGGAAGGAGGGAAGGGGAAAAGGAGGGAA GGGGGGGAAACCAAAAAAGGGGGGCCGGAAGGAGGAGAGGGGGGAGGAA GGAAAAACCAGGGGGGAAAAAGGAAGGAAAAGGAAAGGAGGACAAGGAGA ACAAAAGGGGGAAAGGAAGGGAGAACAAGAGAGACGGAAAGAAGGGGAAG GGGGGGGCAGAGAGAACGGAAAAAGCAAGCCAGGGAAGAAGTTGGGGGG GGAAGGCCGGGGAAAAAGACGGAAAACCCCGGAACCGGGGGAAAGGGGAA GGAAGAAGACGGGAAAAGAGGGGAGGAGCCGAGAGAGAGAAAGAGAAAAA AAGGAAGGAGAAAAGGGGGGGGAAAAAAAACCGGAACCATAGGGCAGGAA GAGGGCGGCCAAAAGGCCAAAACCGAAGACAGAGGGAAACGGAAGGAAGG AAAGAAAACCAAGGCCAAGGAAGGGGCCGGGGAGAGGGGGAGGAAAGACC AAGGGGAGGGAAGGCCAAGGAAAACGAGGAGGCCAAGAAAAGAGCAAAAA AA GGAAACAGGGAAAGGAGACCGGGAGGGAAACCCGGAGAGAGAAGAAAA GGGGAAGGGGAAAAAAGAAAGGGACAGAAAAAGGAAGGAAAAGGAAAAAA AAGGGGGGAAGGCCAAAAAAAAAAGGGGAAGGCCGGAAGGCCGGGGAAAA GGAAGGGGGGAATTGGGGCCAAAAAACCAAGGAAGGAAAATTAAAAAACC AAGGGGGAGGAAAAGAGACCAAGGAAAGGGAGGGGGGGACCCGGCCGGA AAAGACAGAAAACGAACCACAAAAGGGCCCCAAGGCAGGAAACAGAAGAA GGGAGACCAGAGAGAAAAAAAGGGGGGGACAGGGAAGGGAAGGGGAGGA GGGGCCAGACGGAGAGGAAAGGAACAGAAGCCAAAAAAAAGGGGAAAAAA AAAAAAGGGGGGGGAAGGAAAAGGGGGGAAAACCGGAAGGGGAGACAAA GAGAAAGGAAACCAAAAGAGGAAAAAAGGAGGGGGGGAGAGCCAGAGGGA AAAGGAAACGGGGCCGGGGAAAAAAGGGGACGGGAGGGGGGCAGGGAGG AAGGGGAAGGCAAAGAAAGGCCGGAACCAGGGAAAGGACACCAACCAAGG AAAAGAAAGAGGAGGGGGAGGGGGAACAGACAACACGGGAAGGCGGCCAG GGCCAGAACAAAGAACGAGGGAGGAGGAGGAAAAAAGGAAAGGAAAGAGG AAGGGGGAGAGGGGGATAAAGGAAAGGAAATTAAAACAAAAACCAAAAGG AGCAGACAAGGACCAGAGAAGACCAGGACGGGAAGGGGACTTAACCCAGA CCAAAGGGAAAAAGAGGGGGGGGGGGAAGGAGGAGAAGGAAGAAAAGGA AAAGGAACCAAAAGGGGAAGGGGGGAAAAAAGGAAGGAAGGGGGGAAGG AA $\log \operatorname{GGGGGGGGGAAGGCCAAAAAAAAAACCCCCCAGAGGGGGGGGGA}$ AACAGAGAACCAAAAGAAAGGGGGGAAAAGGAAAACCGGCCGGAAGGAGA GGGGGAGAGAAGAGGGAGGAAAGGAAAAGCGGAAGAAGGAGGGGGGAGA AGCACCGGAGAAAAAAAAGAGGCACCAAAAAAGGGGGAGAAAGGGGAAGG GAAGGACAAGAGAAGGAAAACCGACAGGGGAAAAGGGGGGGGAAAGAGG GAAAGAAAGGATTGGAAGGGGGGAAGAAACAGAGGAAGGAGCCAGAAGGA AAACCAAGGAGAAAGCCGGCCAAGGAAGGAGGAGGAGGAACCCGGGGAGA GGGGAAACAAAGGGAGGAAGGGGGAGGGGGGGAGGGGGAAAAAGGGGGG AGGGAAGAGGAAGGGGAAAAGAGACCAGCCGAAAGGCCGGAAAAGGGGG GAAAAGGAGGGGGAAGGAGGGGGGGAAGGGGGAAGCCAAGGGGAAGGGG GGGGGAAGGGAGAGAAAAGGGGAGGGGACAAAGACCGAGGGGGAGGTTG AGGCCGGGAAAAAGGGGGGCCAAGGAAGAGAAAAGGGAACAGGAGAAAAC CGACAAAGAGAAGCAGAGGAGAGCAGCGGCCGGGGAAGGAGGGAGCCAGA AGGAAGGCCCCAAAACCCCAGGGGGGAGGAAGGGAAGAAGGAAAAAGAAA GCCGGCCACGGAACCAAAGACACCGGGGGTTAACGGGGGAAGGAGAGACA AGGAGAAGGAAGGGACCAAGGGGAGAAGGGGGGCCAAAGGGGGGAGGCC AAGGGAGGACAGGAAGAGAAGGCCAAAAGGAGAAAACCGGCCAACCAACC GGAATAAAGGACAAGAGAGGAGGGCGGGGGAGAGGGATAAACAAGGGGA GGGGGAGGGGGAGAAAAGGATGAGGGGGGGAGGAAAGGGAGGAGAGGAA CCAAAAAAGAGACCAAAGAAAAAAAAGGCCGGAAAAAAAAAAGGGAAGGA GAGACCAGAGAAGGAGCCGGGGGGGGAGCAAGACGGCCGGGAAGGGGAA AAAGGGGAGGGAAGGAAAAGGAAAAGGGGGGAAAAGATTGAAAAAGGGGA AATAGACAGCAAAGGGGAACCGGAGAGATACAGCCCAAAAAGAAAGGAGA AGGGAAAAAGGGGAAAAAAAAAAAAAGGGAAGGGGGGCCGGGGAAAAGGA GGGGGGGAAGGGGACGGAAGGGGAAAAGCAGGAGGGGCCGGAAGGGGAG AAAAAAAAATGAGGGGGGAAGGAAGGCCAAGGCCCCGGAGAAAAAAAAGG GGGGCCGGAAGGAACCGGAAAACCGGGGAAGGAAGGCCGGAAGGGGAAA

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 G GAGGGGAAGGAAAAGGGGAAAAAGGGCCAGAAGGAGAAAAGAAGGAGG
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GAAAACCGGAAAGGGGGGAGGACACGGGGAAAGAAAAAACGAAGGGGAAA G G GAA G G G GAAA GAA G GAAAAAAGGCCCCGAACACGGGGAGGGGGAAGG G GAAAAGGGGCCGGGGAAGGCCCCGGAAAACACCAACAAGGAAAAGAAGG G G G GAA $\ln$ A G GAAGGAAGGAAAAGGAAGGGGAGAGGGAACCAGGAAAAAAA G G G GAAAAGGAAAAGGAAAAGGAGGGAAGGGGGGCCAAGGCCAGGGAAA ACAAAGGAAGGAGAAGGAGGGAAAGGGAAAGGGCCAAGAGGAAGGAAAAA AAA $A \operatorname{GAA} \operatorname{Ag} \operatorname{GGGGAAAGAGGGGGGGGGAAGGAAAGCCGGAAGGAAGGAG}$ GAGGGGGGGAGAAGCCGAAGAGAGGGAAGGAGAAGGGGGGGACAGAGGA AAAAAGGAAGAAAAAAGAGCCGACAGAGGAGGAGGGGACACGAACAAAGA CAGCCGGTTAGAGGGAGAGGGGGAGAGAGGAGGAAGGGGAGAGGGGAGA AA $\operatorname{l}$ ACAGAGAAGAAGGGGGAGGAAAGGGGGGGAAGGAAGGAGAGACCCA CGAGGAAGGAAGAGAAGAAGGAAGGGGAAAAAAAAAAAGGGGGAAGAAGC AACGGGGAAGGGGAGCCAGGGGGGGGGGAAGAAGGAAAAAAAGAATAAG CCGGGGGGAAAACCAAAAGGGGATAAAGAAGGAAAAAAGGCCGGGACCGG GGAGAGGGAAAACCAAGGGGAGCACCAGAAAAAAGAGGAAGAAGAGGACC AAAAAGCCAAGAAAGAAAAAAAAAAGGAAGGACCAAAAGGAGGGAAGAAC GACCGAACGAGAGGAAAAAAAAGGAAGGAAAGAGAAAAGGCAGGGGAAGG G G G G G G A GAACCCGGAAGAGAAGGGGAGAAAAGGAAAACCAAGGGGGGA AGGAAGAAAAAAACAAAAAAAGGAAAGGAAAAAAGGAGGGAAGAAAGAAA AAAAAGGGGGGAAGGCCCCAAGAAAAACCGGGAGGAAAGGGCCAACAAGG GCCAAGGGAAAGGAAAAGAGAAAAGGAAAGGGGAGGGAAGGGGAAAAGGA AGGAAAGAAAAGGAAACAAGGAGAGGAGAGGAACCAGGCGGAAGGAAAAA AAAGGGGCAAGAAAAGGGGAAAAAAGGAAAAAGGGAAAGAAAAAGGGAGA GCCCCGAGGAACAAGAGAAAGACGGAAGGGAAAAAGGCCAGAAGGGAAAA GGGAAGACAAAAGAAGGAGAAGACCGGAAGGAGAGGAGGGGGGGAGAAA G G G GAACAAAGGGGGGAAAAAAGGGGGGAACCGGGGAGAAAAGGGGGGA AAAGGAAAAGGGGGGCCGGCCCCAAGGAAGGGGAAGGAAAGGGGAGGAA GGAACCAGACCAGGAGAGGGATAGAGGAAAAAGGAAGGGGGGCCAAGGGA AGAAAACCAAGGCCGGAGGGAAAAAAAAGGAACCCAGAAGAAAAGGGGCC GGCCAATAAGAAAGAACAAGAAAAGGGAGAAGAGAGAAAACCGGAAAACC CCAGAAGGAAAACCAACCGAGGAGGGGAAGCCCAGAAAGGGACGAAGGAC AA $\operatorname{A}$ GGGGGAGGGGGAAGGAAAAGGAAAGGGAAGGAAGGAGAAGGGGGGC CAA G G G GCAGGAAACGGCAAGGGGACAAGGGGAAACGAACCAAAAGGCCA AAACCAAGGGGGGGGGGGGAGCAAACCCCCAAAAGGGAGAAGAGAGAAAG AAGCAAGGGAGAAACAAGAGAAGACTTGGCACACCAAGAGGTTAAATGAG AAAAAGGAAAAGAGGGAAGAGGAGAGGAGAAAAAGAAAGAACAAAAGGGG AAAACGGGCAAGAGACGGCACGGGGAGAAAAGGAAGAGGAGCGAAAGATG AA G G GACGGCCGGCCCCACAAAAAAGGAAAAGGGGGGAAGAGGGATTCCA CCAAAAGCCCCGAGGAAGGACAGCCAGGGAAGGAAACAGCAGGAACCGGG AGAGGGAACGGTAAAGGGGAAGGGAGAGGAAAAAAGGCAGGGGAAGGAA GAGGAAAGAAGGAAAGGGAGGAGGGAAGGGGAGGAAGGCCAGGACAGGA AAAGGGGGGAAGGACGGAGTTGGCCGGAGCCGGCAGAAAAAACAAAAGAA AA G G GAAAAAGAGAAGAAAAAAAGGGGAATTAAGAAGGGAAGGAAGGCGG GAAGGGAGGGAGGAAAAAAAAAGCAGGAGGAAGAGAGACAGGGGAGCAGA AGGGGAAAAAGGGGGAGTAGAGAGGAAAAACAACGAGGGAAAGGAAAGGA A GAGAGGATAGGAAGGAACGGGGCCCAGAGGGGGGGGAAGGGGGGAAGA
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GGGGAAGGAAGGAGAAAACACCGAAAACAAGGGGAAAAGAAAAGAAGAGG GGGGAAAGGACCCAGGGGGGCCAAAAGCAAAGCCAGAAGGAAAAGGAAAC AA GGCCAAGGAAAGGGGGAAACAGAAGGAAGGAAGGGGGGGGAGACAGA GGGAAGAGAAAAGGGCGGAAAAAGGGAGAATCAAGGGGAAGAAGATTAAA AGAGACCAAAAAAGAGAAAACGGCCTAAAAAGGGGCAAAAAAAGGAACCG GAGAGAAATGGAAGGGGAAGGAAAAAGGAAGTACCAAAGGATTAACCAAC CAAAAAAGGAGAGGAGGGGGAAAGGAAAACCAAGGCCGGAAGGAAAAAGA GACAGGGAAAGAGGAAAAAAGCCAACAAAAGAGAAGGGGAGCCAGAAACG GGGGGGACCGAAGGGAAAAGGTAAAGAGACAAATTAAAAGGGGAAGAAAC ACCCAAGAGAAAGAACAAAGGCACACAACCAGGCCGGGGAAGGTTAAAAG GGGAAGGGGAAGGAAGGAAGAGGCCACGGCGAAAGGGCCAAAAAGGGAG ACGGCAGGGAAAAACCAGGGGGACACGAGGAACCGGGGGGAACCGGGGG CGAAGAGAGGAGAAAAGAGGGGGGGGAGGGGAAAACAAACCAACCGGGGA AGAAGGATTGAGACCAAGGAGCCAGAGGGCCACAAAGAAGGAAGAAAAGA ACCGGAAGGAAAGAAAGGAAAAGCCGGAAAAGGAAAGGAGAAGAAGAGGA GAAAGGGCCAGAAAGGGGGGGAGGGAAGAGAAGACCAGGAAAGAAGGGG AAAAAAAGGAAGAGGAACGAAAAGGAGGAAGGAAGGAGAAGGCAAAAAAA AGAACAACCGAGAGACGGAAGGAAAAAACCGGGGAAGGGGGGGGCCGGG GAACCAACCAAGGAAGGGGGGAAGGACGAGGAAGGAACCAAGGATAAAGG GAAGAGAAAGGCCGGGGGGAAGAGAGAGGAACCAGAGACGGGGAGGAGG GAAAGGAACCGGAGAAAAAAAGGAAAAAAAAAGAGGGAGGGGAAAAAAGG AACCGGTTCCAAGGCCGGAACCGGAAGGGGAAAAGGCCGGAAGGGACCAA GGCACCGGAAAGAGGGGGAAGAAACCGGGGGAAAAAAAGAGAAAGGAGAA AA GACCAAGGAGGACAGACCGGAGGGAAGAGGGGGACCAACCGGGGGGG GGGGGGGAAAACCCCAAGGAAGGAAGGAAGGGGGGAGAAGGAAAGGAGG AGGCCAAGGAGGGGGGGGCCGAGGAGAAGGCCAAAACGAAAAACGGGGCC AAGGGGGGGGCCGAGGGGAAAAAGCAACCAGGGGAGAGGGGGGGGGAAG GGGAGAGAGCCGGAAAAGGAAGGAGACAGGCAGGAGGGGAGCAAGAAGG GGAGGAGAGAGGGGGAAAAGAAGGGGAGAAAAGACAGAGAGAAAGGAAAA AAAAGGAAGGAAAAGGGGGGGAGAGGGGAAGGAGAAAAGGGGCCCAGGC CAACAAGGAGGAGGGCCCCGGAAAAGGAGAAACAGAAGGACAAGGGACCA GAGAAAGGGAAGGGGGGAAGGAAAAGGAAGACCAAGGAACCAGGAAGCCA CAGGAACGAGGAAAAGGCCGGCCAAGGAAGGGGCCGAGAGAGGGAAACCA AGGGGAGGAAACAGGAGAGGGGAGACCGGCCGAAAGGAAAAGGAAAGAAG AAGGAGGAGACGAGGGGACGAGGAACAGGAAAACCACATCCCCCCAAGAG AGAGGAAGAGGAAAGGGACAAGGGGCAGGAAAAGGGGGAGCGAAGAGAG AAGGACAAGGAAAGCAAAGGCAGGAGCCAAAAAAAAGGAAAAAAGGGAGA TTAAGGGGGGAAGAGAGGAGGAAGAAAAGGAAAAAAGGAGACAAAAGGAA CCGGGGAAAAGGGAAAAGGGGGGAGGGAAAAAAGAAAAGGAGGGACGGG GGGAAGGGGCCAGAGAAAGACGGAACCGACCAAGGGGGGCAAGGAAGGG AAGAGGAAAGCCAGGGGGACAAAAAAGGGAAGAGCAAGGGAAAAAAGGGG GACAGAAAAGAAGAGAACAAAAAGACGGGGGGAGGGAGGGAGAGAAGGTT AGAAAAAGGAAAGGAAGGAAAAAACCAGGGGGAACAGAGGGAGGCCAGAG GAAGGGCCAGAGAAAAGACACAGGAGAAAAGGAAAAAAGGAAAAGGCAAA ACGGAGGAGAGAAGGGAAAAGAAGGGGGAAAAAAAGGAACAAGGGGGGAA AGGACAAGGAGGCAAACGAAAGAGAGAGAAGGGGCCAAAAAAGGAAAAAA AAAAGGAGGACACAAAGGAGGAAGAGAGCGGGGGGGGGGGAGAGGGAAA AAAAAGGAACCGGGGAGAAGCAGAGAGGCGGAAAAAAAGAAGGAAAGAAA AGGAAAATTAAAAACACAGAGGGAGGAAGACCCGAGACACCCAGGTTGGG AGAAAAGAAAAGGAGAGGAGGAACCGGAAAAAAAAAGAGAGGAGGAACCG GGGGGAGAAAAAGGGCCGGAGAGAAGGAGGAGGGGCCAAAAAAGGGGGG GGAAGGAGGGAAGGAAAAAAAAGAAGAAAGGGAGGGGAGGGGGGGGAAG AGGAAATACAGGGAAGGAAGGGAGGGGCAAGAAAGGGAAAAAAAGAACCA GCAAAAAGGGAGAAGAAGGCCCAGAGGGAACCCAACCTTACAACCGGGGG AAAAACAGGGGAGAAGGGGAAAAAAGGGGGGGGCCAAAAGAGGAAAACCG GAAGGGGAAAACCGAAAAAAAAAGAAAGGGGGGGGAAAAAACCAGCCAAA TGAAAGACAGCAAGAGGCGGGGAAGGAGAAAAACCAAACGAAACCAAGAA ACCGGAACACCAAAAGGGGGGAACCCACAGAAAAAAAGAAGAGAAGAAAG GAAGGAAGAAGACGAGGGGACCCAGAAAAGGGGCCAAGGGGAAGGAGGG AAGGAGGGCCGGGAAAAAGGGGAAAGAAAGAAGGGGCCCCAAGGGGGAAC GAAGGGAAGGGGCCGAGGAAGGAATACCGGAGAGAAAAGGAGGAAAAGG

GAAAAAGACAGGGAAGAAACCGGCAAAGGGGAAAAGGGGAAGGTTCCGGA AAA $A$ GAATTGGGGGGAACCCCGGAAGGGGAAAAGGGGGGCCGGGGAAGG AAAAAAAAGGGGCCAAGGGGCCGGGGAAAAAAGGGGGGAACCGGAAGGCC GGCCGGGGAAGGCCAAAAAAAAAAAAAAAAAAGGAACCAACCGGCCAACC AAAAGGCCGGCCAAGGGGAAGGGGGGCCCCGGCCGGGGGGCCAAAACCG G G G G G A A G G G G A A G GAATTGGAAAACCAAGGAAGGGGGGGGCCGGAAGG G GAAAAAAAAAAGGAAGGCCGGCCGGAAAAAAGGGGGGAAAAGGTTGGAA AA G GAA $\operatorname{A}$ GAA $\operatorname{A}$ GCCGGGGAAGGGGGGGGGGGGGGGGAACCCCGGAAGGA A G G AAAAAACCAAGGCCGGAAAAGGGGAAAAGGGGGGCCAAAGAAAAAGG GACAGGGGGGGAGGGGGAGAAGGGAGGAACCGGGGCAAAAGAAAAAGCA GAGGCAAAGGAAAAAAAGCCGGAGAGGAAAGGAAAGGGGAGGGGAGAAAG GAGGAAAAGGCCCCGGGGAAACGGGGCCGGCCAACCAAGGAAGGCGAAAG AA G GAAAGGGGGGGAAAAGGGGGACCGGAAACAGAAGGAGGAGGACGGG GAAAACCAAGGCCCCAAAAAAGGAAGAAGACAGGGGGAAAACCGGGAAGG GGGGGAGCCGGGAAAAAGGAAGGGGCCGGGAGAAGAACAGGAGAAGGAA AGAGACGGAAAAAAAAAAGGAGGGGGGGGACCGGGGGAAAAAAAGGGGA GAA G G AAACGGGGCCGAGGAAGGGGGAGGAGGGAAAAGGGGGGAGAGAG AAAGGGCCGAACAGGGGGGGGGAAGGGGGGAAAAGGAGGAAGGAAAGAA AA $\operatorname{G} \operatorname{GGCACCAGAAGGGGGAGAAACCTAGGAAGGCCAGGGAAGGGGCCGGA}$ A G G G G G G G G C CA $\operatorname{AAA}$ A G G G GAAAGAAGGGAAGGAGAAAGGGAAAGAAGG AGGAAAAGGGGAGAAGGAAGGAAACCGAACGAAAACGGGGAAAGAAGGGG AA $\operatorname{G}$ GAA $\operatorname{G}$ GGAGGAAAAGGTTAAGGAGAGGAAAGGGGACACGGGGGGAAA G G G G GAACCGGGGGGGGAAGGAGGGGGAGAAAGGACCGGGGAAGACGAG GGCCAGACAAAAGGGGAGGGAACCGAGGGAGGCCAAAAAAGGGGAAAGAA A GCCAAGGGGGGAATTGGGGGGAAAGGAATAAACAGGGAAACGAGAGGG GAAGAGGAGAAGGAGGGAAAGAGGGAGCCCCGGAGCCGAAACCGGAAGGA ACCGGAAAACCCCGGAAAAAAGGAATTAAAACCAAAAAAGGAAAAAAAAGG AA G G G GAAGGGGCCGGAAGGGGAAAAGGGGAAGGCCCCAAAACCGGAAG GAAAAAAGGGGAAAACCAAGGGGGGGGGGAAGGGGAAAAGGGGAAAAAAA AAACCAAAAGGGGAAGGAAAAGGAAAAAAGGAAGGGGAAAAAAAAGGAAA AAAAAAAGGGGAATTAAGGAAAAGGGGGGAAAAAAGGGGAAGGAAAAAAG GAAAAGGAAAAGGCCAGAGCAAAGAGGAAAAGGGGAAAACAAAGGAAAAG AAAAAGGAAGGAGAAAAGAGGGGGGAGAAGGGACCAGGGAACAGGAGGG AGAGGAAGAGGAAAGGGGAAGGAAGGGACATAATGGAGACCCAAAGAGAC A GA $\operatorname{ACA} \operatorname{ClCCGGGGGGCCGGAA} \operatorname{GAGGGGGGACGGAACCGACCGGGGGGA}$ AAAGGAAAACACAAGGGCCACAACCGAAGAAAAAAAGACAAGAGGAGGGG ATAAAGGCGAAGGGGGAAAGGGGAAAACCGGGGAAAAGGAAAAAAGGGGA AGGAGAGCAAAAAGGAAGGAGGGGAAGAGAGGAGAACCCGAGGAGCAGAA CAGAAAAAGAAGAGAAAGAAAAAAAGGAAAGGGAGAAAGAAAGCGAAGAC CCGAAGGAGAAGGAAGGGGGGGAAGGACCAAGGGGAAGGAGGGGGAGGG A GAAGGACAGAGGGGGAAGGAAGGAACACAGATACAGGCAGAGAGAGACA ATAGGGAAAAGGGGAAGGCCAAAAGGAAAACCGGCCGGAACCAAACCAAA GAAAGAGGAAAGGGAAGGGGAAGGAAGGAATTGGCCAACAAAGGACAAGA AAAGGGATGGACAGGAAAGAAAAAGGAATTCCGAGAAAGGAAGGAAGGGG CCAAGGCCCCAAACGGGGAGAAAAGGGACAAAAGAAGGAGAAAAAACCAG CCAGAAGAGAAAGGAAAAGATTAAAGAGCAGGCCGAAAAAGGCCAAAGAA AGGGGAGCCCGGTTAAGGAAAAAGACGGAGGGCGGGAAAGGGACGAAAGA GGAAAAAAAGAGAAGGAAAAAAAAGAGAAAGAAGGGCCAGAAGGCAAACC A GCAAGAAAGGGGGGGCCAAAGAAAAGGCCAAGGGAGGAAGAAACCGGAA AAAAAAAGAGAGGGAGGGCGAGAGACCCGAGGGAAGACCCGAAGGGAAAA AAAAAAGGAAGGAAAGAGAAGGGAAAGAGGGAAAGGAAAAAGATAGGGGA GAGGGGAAGGGGAAAAGGAAGGAGACGGCCGGAGCAGGCAGGGAGAGAA AAGGGAAGGGAAAACGGCCAAAACCCCACGGCCAAGGCCGAGGAAGGAAG GCCAGGAGGAAAAAGAGGGGAGGGGGGAAGGAGGACCGGAAAGGGGAAA AGCCAAAAAAGGAAAAAGAAAAGGGGGGAGGAAAGGGGAAGGGGGGAGCC AA G GAGAGGAAGGGGAGAAGAAAGGGAAGGGAAACGAGAGGGAGAGGAA GAGAAAAAAAAAAAAGAAGGGGAAGACCGGGAGAGAGGGACAGGGGGAAG AGAACATAAGGAGGACCGAGGGAGAAGGGGGAAGGAAAAGGAAGGAGAGC AAGGGAAGAGGAAAAGGGGTTGAGGACGAAGCAAGGGGGGGACAGAAGG GAAAAGAGAGAAGGGGAAGGAGGGAACCAGAGGAGAAAGGAAGGGAGAAA A GAA AA $\operatorname{A} A \operatorname{AGGGGGGGGAGGAAGGAGCCGGGAGGAAGGGGGGGGAAGGA}$

AGGGGGGAACGACAGGGAGGGGAAAAAAGGGCCAAAAGGGGAAGAGAGG G GAAATCCAAGAAGGGGAGGCAGGGGAGAGAAAGAGGGAAAGAAGGGAA GAAGGGGAAGGCCGAGGGAAAAAAAAAGAGGACGGAAGGAGGACAAAAAC CGGGGAGAAGGAGCAAAGAAAAAGGAAAGAGAACCCCGAGGAAGGGAGGG GAGAGGGAGAAAGGGGAAAAGGGGGAAAAAAGGAAGGAAGGAAGGAAGG AA GAAGAAGGTAAGACGGCCAAGGGGAAAAAGAAAGGGGAGGGGAAAAAC GGGACCAGAAAGAAAGAAGGAGGGTAGGAGCCGAGAGGAAGGGAAAGGG AAACACCTTGAGGAAAAAAACGGGGAGGAAAAAACACAGGGGGCAAGAAC CAAACAAAAGGAAGAAGAGAAGGGGGAAGGGAAGGAAAAAAGGGGAAAAA GGAGAAAAGGAAGAGGGGGGAGGGAACGCCCACCCAAGAACGAGAGGAAA AA $\operatorname{A} A \operatorname{ACCGGAGACAAGGAAGGGGGGGGGGAATTGGGGAAGGAAAGGGGG}$ AGGGCCCCGGGAGGGACCGGGGGACCGGAGAAAGCCGAGGAACCGGAAAA AGAAACGAGAGACCGGGGTTAACCGAAAGGAAGGGGAAAAGACAGGAAAG AAGGCGACGAAAAATTCAGGAGGGAAAAAGAAAAGGAAGGAACCAAAAAA AAAGAAGGAGAAAAGGAGCCAAGACCAAGAACAAGGGGGGAAGGGGGAGG GGGGAAAGGAGAGGGGGGGAAACCAGGGAAGGAATACAGAAAGAAGAGG G G G G G A A G G G G G G A A G G A G G A G G G G ACAACCGGGGAAAGAAAAAAAAGG G GAGAGAAAGAAAGACGGAAGGAGAAGAAGGAGGGACCCCAGGGGGGGG GAAGGACAGCCAGAGGGAGGACAAAGGGAAGGGGAACAGAAGGAAAAGGA AGGAAAACCAGAGGGGAAAGGCAGACAAAGAAAGAGGAGCAGAAAAAAGG AAAAAAAAAAACCGGGGACGGGGAGGCAACCGGACGGGGGGGAGGAAGGA A GAA $\operatorname{l}$ GGGGAAGACCCCGGAAAAAAAAGAGGGGGGAAGAGGGGAAAGGG GAGAGGCCGGAAGAAGGGAGAAAGGAGGAGAGAGGGGAAAGGAAAGAAA GGGCCGGGGGAACAAAAAAAAAAGGAAGGAAAGACGGACAAAGGAGGCCC ACCAAAAGAGAACGGCCCCGGAAGAAGAGGGCAGAAAAAGAGAGGGAAAA AGGAAAACCAAGGGGAAAAAAAAGGGGAAAAAACCAAGGGGAAGAGAGGG GGACAAAGGGGGAGAAAAAGGTTAGAAGGGAAAGGAGAGAGAGGGGAGG AAAGAAAGAGGGGGAGAAGGGAAAGGGAGGAGGGGAGGAAAACCCACCG GAAGGCCAAGAGAAACCCCAGCCGAAAGGAGGAAAAAAGGGAAAAGGCCA AAGGAAACCAGAGAGGGAAGGGGGCAGAGCCGGACGAGGAGGGGGGGGA AGAGGGAAAAAAAAACGGGGGGAAGAAGGACCAAAAAGAGAGAAAGGGAG GGGAAAAAAGGGAAAATTAGAAGAAGAAAAAAAAAAGGAGAAGAAAGAAG G G A A CAA $A$ AAGGAAGAAGGGGGAGAGAAGGAAAGAAGGAAAGCAGGAAGA GGGAAAAAGGAAAAAACAAAAGGAGAACAAACGGAAAAAGGGGGGGGGCA AGCAGACCGACCGACCGGCCGGGGGGGACCAAAAGGAAAGGAGGAACCAA CCCCAGAGAAGAACGGGGGGAGAAAGGGGAAGAGAGAAAAGAGGAAGGCA AGCCCAAATAGGAAGGGGCCCCAAAAGGAGAAAGGGGACCGGAAACGGAC AA $\operatorname{G}$ GAGAGGGGGAGAGACACACCCAAGGAAGAGGAAAGCCAAGGGGAAGG GAAGAAGGAGAGCAAGAGGGAAAGAGGGGAACGAAAGGAAAGGGGGGGC CAGAGCCAGAGAAAAAAAAGGAGAGAAAAGGAGAGAACCGGAAGAGAAAA G G AAAAAAAGGGGAAAAAGGGCCAAGGAAGAGGAGAAGGGGAGAAGGGA GAAAAAAAAAGGAAGGCCCCGGGGAAGGAAAACCGGAAGGAGGGGGAGCA CCGAACGGGGTAAGAAGGCCAAAAAACCCCGGGGGGGGAAAAGGGAAAGG AGGAAGGGGGAAAAAAGGAGAAGGGGAGGAAGAAGAGAAAAAGGGGAAAA GGAAAAGGAAGGCCAAAAGGCCGGGGAAGGAAAAGGGGGGGGAAGGAAA AAAGGAACCGGGGAAGGAACCGGGGAACCCCCCGGAAAAAACCAACCGGA A G G A A G G A A G G G G G G G GAA G GAA G GAAGGGGAAGGGGGGAAAAAAGGGG GGAAGGGGAAAAACGGCCGGAAAAAAAAGGAGAACCAGAAAGAAATGGCC G G G G G G G G G GAAA GAACCAAAAGGAAGGGGAGAAGAGGGGGAGGCCAGA ACCGGGAAAAAGGACAGCCAAAAAAAAGAGGGGGAGGAGAAAAGGGAAAG A G G ACCAGGAAGGAAGGAAGGGAAAAGAGAGCAGGGGCCGAAAAAAAAAG GAAAAGGCCAAAAGGAAAAAAAAGGGAGAGGGACAAGGGAGGGAAGGAGA CAGGGAAAGCCAGAGAAAAGAGAAACCAAGGCACAGGAACACAAGGGGAG AAAAAGGGAGGATGGAGCCCCGGGGGAAAAAAAAAAAAGGGGAAGGAGGA GGAAAAAGAAAAGCCGGAAGGAGAAGGGAAAAGAAGAAAGGCCAAGGAGG GGGAAGGAAGGGGGACCCCCCCCAGGACAAAAAGGAAAAAAGGGGGGATA GCCGACCGGCCAAAAAGGGGGAAGGGGGGAGAAGGAAAAAGAAAAAGGAG G G G G G A A A A CCGGAGGGGGGAGAAAAAGGAGAGGGGGTTAAACAACAGAA GCCAAAAAAGGGGAGAAGGGGGGCCGGCCAAAGAAGGGGGGAGAGAGAG GAAAAAAGAAAACAAAAAAAAAGGAAAAGGAAAAGGGGAAGGAAGGCCGG CCAAGGAAAAGGGGAAAAGGACGAAGGGGGGAAAAAAAGGCCGGGGGAG

G G G A ACCGGGGACGAAACCGGTTGGAAGGGGAAGCAAGGGGCCCCAACCG GGGAGCGAGGAGAGGAAAGAGAAGCAAAAGAAATTCCGGGGGGAACCGGG GAAAGAAGGCACAGAGGACAGGGCAAAGAGGGGCACACCAAAAAACCAGA GAGAAGGCAAAAAGAAAACGGAGGGGAAAAAGGGGGGGGAAGAGGGGAA CAAAAACAGGGGAGGGCAGAGAGAGAGAAGGAGAGGAGAACAAAGGCCAA AAACAA G G G G CACGAGAAGAGGAAGGGGAAGAGGAGAAGGGGAGGGAGG GAAAAGAGGAAGAAGACCAAAAGGGATAGACAAAGAAAACCCCAGGAAAA GCCAGGACAAAGGCCCCGGAGAACCAACCCCGGGGAAGGGAAAGAGGGGG G G A G G G G G G G G G GTTGAGGGGAAGGCAGGAAAAGGAGCAAGAAGGGGAA G G A A A A G G G G G G G A G G G A G G GAGGCCGGGGAAAAGGAAAGGGGGAAAA AGGGGGAGGCAAAAGAGGACCGGCCGGAAAAAACCCCGGGGGGTAGGAGA GGGAAAAGGGGGGGGAAGGGGAAAAAAAAGAGGAAAGAAGGGGGAGGAA GGAAAAGGCCAGAAGGGGAAGAGAAGGGGGAAACGGCAGGAAAAGGAGA GCCCGGAAAATGAGGAAAGAAGGGGGGAAGGAAAAGGGGGGGGCCGGAA GGGGAAGGGGAAGGGGAAAAGGAGAGAAGGAAAGGAAGAGGAAAGGAAG GAAGGCCAAAGGAAAGGGGGACCAGGGCACCGGGGAAAGACAGAACCAAG GGGAAAAGACCAAGAAGGAAGAAGGGGAAGGCCGGACGGCCAAGGAGAGG GCCGGGGAAAAAAAAAAGGGGGGGGAGGGAAGGAGAGGGGGAGAAAGAG G G A G G G G G GA GAACGAAGGAGGAGAACAGGCAAGGACCGGGGGGAGGAA CGACAGGGGGCAGAAACAAAAAGCCGAGGGGGGGGGGAAGGAACCGGAAC CAGAGTAAAAACCAGAGGAGGGAGGCCAAAAGGCCGGGGAACCCCGGAAG AGGAAAAGGAAAAGGAGGGGAGAAAAAGGGAGGGAGGAAAGCACAGAAAG GCCAAAGAGGAGGGGCCGACCAAGGGACAGAAAAAAAAAAAAAAACCCGA GGGGAGAGGGGAAAGGGCCAGGGAAGGGGGGCCCAGGAACCGAGAGGAA TTAGCCGGGGGGGAAAAAAGACGGAGAAGGACCAAAAAAAAGGGGGAAGA GAAGAACCGGAGCCAAAGGAGGAAGATTAACCGAGGAGAGGGGAGGAAGG G GAAGGACGAGGGGAAGGAAAAAAAACAAACCAAGAAAAAAGAAAAGGGG GGGGAAAAAAAACCAAGGGGGGAAGGGGAAGGAAAAGGAAGGGGACAAGA ACAGAAAGGGGAAAGACGGGGGCAAGAGAACGCCAAACGAGGAACGAGAG AGACGACAGAAAGGGAGAAGAAGGAGGGACTTCAGAGAAAAAAAGGAGGG AAAAAAAAAAAAAGAGAACCGGAGGGAGGGGGAAGGGGCCACAAGGGGGG AGAGGGAAAAGAGAGGAAAGAGGAAGAGGAGAGAAGCCACAAAAAAAAAA GAGAAGAGGGAAAAGAACGAGGGGAAAAAAGGGGGGAGGGACGAACGGA AA GAAAAAAGAAGAAAAAAGGGGGGAACCGGGGAAAGGGAAAAAAGGAGA AGGGGCCAAGAAGGAAAAGAGAGACAAAGGGAAAAAAGAAGCCCAAGAAG G G G G A G GAAAGGAGACCGAGGGGGGGAGGGAGAAAGGGAAGGGGAACGA G G A A G G A A G G G G GAAAAAAGGAGGGAGAAAAAGAGAGAAACCAACAAAGG G G G G G A CAA GAAAAGGAAAGGGAACCAGAAGAAGGGGGAGACGGGGAAAA G GAGAAGGGGAAAAAAAGAAAAGGGGAAAAGGGGGGCCGGAAAAGGGGA AAAGAGGGGGGAGCAAGAAAAGAAAGGAAGGAAGGGGAAGAAGGAGGAG GAAAGGAAGAAGGGACAAGGAAGGAAGGGGGAGAAAGGAGGAGGGGAAG AGGAAAAGACCGGGGGGACGGGGGGGAGAAGAAAAGACCAGGGAAAGCA GGCAAAAAGAAGGAAAGGGGAAAAGAAAGGCCGGGGAAGAGGGGAGGGG AGGGAAAGGGGGAGGAAGAAGCAAAGAAGGAGGGGGGAACAGGGGCCGG AAGGAAAAGAAGAGGGAAAGAAGGAAAGGAAGAAGGGGGAAGGAAAAAGA GGAAAGAACAGGGAGGGGAAGGGAAAAGAAAAAAAGACAACAAGAAAAAA AGAGCCAAGGGGAAAAGAACAGAAAGAAGGGGAAGAAACCAAAAAACAAG AAAGAAAGGAAGGAAGAAAAAAAGAAAAGGGGGGAGGAGGAAAGGAGGGA CCAGCCAAGAGAGAGGGAGGCAAGAAAGAGAAACCAGGGAAGGGGGGGAA GAAAAAAAAAGGGACCAAGGGGGGACAGAACCGGGGACGACCGGGGAGGA AAAGGGGGAAGGAAGAGGAAGGCAAAGAGGAAAGCGGGGGAAGGGGAAA AAGAAAAAAAAAAGAGGGAGGAAGAAGAAAAAAAAAACCAAAACCAAGGG AGGGGCCAGGGCCAAGAAAGGAAAGGGAAGGAAAAGGGGAAAAACGGACA GAGACGGACGAGGACAGGAAAAAAAAGGGGGAGTTGGAACCGGAGAACCG GAACCAAAACCAAGGGGAAGGAAGAAAGGAAGGAGACGAGGGGACGAAGC AGGAGACGGAGGAAGGACCAAAGAGAAAGGAACGGAACAACCAAAAGCCG A G A G G G G G A G G A A G G A A A G GAGAGGAAAAGGGGGGAAAAAA G GAGGGGG G G G G G GAA G GCAAAGGGGGGAAAGCCGGAACACCGGAAAAAAGGAAAAAG AAAGAGAAAAAGGGGAGGAGGGAGAGAGGAAAGGAAAGAGCCGGAAGGG GAAAAAGGGGGAGACGAGAAAAAAAAGCCGGGGAAGGAAGAGGCCACGGG GGAAGGGAGAGGGGAGGAACCGGCCAAGAAAGGGAGGAAGGGGGGAACC

ACAAAACAGGAGAGAGGGGGAAGGAGGAAGAGGACCCAAAGACAAAGGCA CCAGAAGGGGGGAGCCGAAGCAGGGGGAAAAAAAAGAGGGACAAAAGACA G G GAGGGGGAAGAAGAAAGGGGGGAGAAAAAAAAAAAAAGAGCACCGGAA GGGGAGGAACGGGACAAAACAAGGAAGAGAGGCACCAAAGAGACAGGAAG GAACGGAAGGGGAGAAACAAGGAAAGGGAAAAGGGGAGAGAAAGAAGGAA GAA G GAGGAACAGGAGAGGGGGAAGGGGGGGGAAAGGGAAGGGGAACCA A G G AAAAAA $\operatorname{A}$ GGGTAAGGGCAGGGAAAAAGAGGGGAGGGGGGGGGAGGA A G G G G GAA $\operatorname{l}$ GGGGGAAGGGGAAGAAGAAAAAAAAGACCACGAAAGGAAAC AGAAAAAGCCAGAGGAAAAGAAGGGAACAAAAAAGGAACCGGCCAAAAAA G G G AAAAAA GAACCAAGGGACCAAGGAAGAGGGGAGGAGAAAAGAAGGAG GGGGGGCCAAGACCGACACAACGAAGGGAGAGGAGGAACCGGGGGGGGC AAAAGGAAAGGGAAGAAAAAAGAGGGAAAAAGAGGGGCCGGAGCCGGGAG GGGAGAGAAGGCCGGGGAGAGAGGAGAGAGAAAAGAAGGAAGAAGGAAA CAAAAAGACCACAAGAGAAGGACAGGAAGGAAGAAAAAAGCCGGGAAGGA CAGGGAGAAAGACAGGCCAGAGGGATGGCAAAGGGGGAGAAGAAAGGGG GCGGGGGAAAAAGCCGGGGAAGGAAAAAAAGGGGGGGAAAAAAGGGAACC AAAGGAACCCCAAAGCACCAGGACAAAGGGGAGGAAGGGGGGGGGGGGG AAGGAGAGGGAAGGAAAAGGGGAGGGAGAAAAGGGGAATTAAAGAAAAAA CAAAGCAAAGAAAAGAAGGAACAGAAAAGAGGGAAAAAGGGGGGGAAAAA AAGAAAAGCCAAAGACGAGGACCAAAAAGGGAGGAGGGAAAAAAAAGGGG GGAACCAAAAGGCCAAAAAAGGAAAAGAGGGAGAGGGAAGAAAGAAGGGA GGAAAAGAATAGAAGGAAAAGGAAAAGGAAAAAAGGGGAACCAAAAAACC G G G GAA $\operatorname{l}$ GGGGGAAAAGGAAGGCCGGGGGGAAGGAAGGGGGGGGGGGGG GAGACGAGGGGGGAAAGGGAGCCGGGGAAAAAAAAAAGGGGGGAAAAAA G GCCGGAAAAAAGGCCGGGGGGAAGGAAAAGGGGGGGGGGGGGGAAAAA ACCAGGGAAAAAAGGAAAAAAGGGGCCAAGGGGAAGGGACCGGGAAGGGG GGGAAGGAAGACCAAGGGAGGGGGAAGGAAAGGAAAAAAGAGAAAACCCA AAGGACAGGCCCCAGAGAAGGAGCCAGGAAGGGAAGGAGGAAAAAGGCCG GAACCGGGGGACAAAAAGGGGGGGGAGACGGGGAGAGCCACGGGGGGAA AAAGCAGGCGAAAAGACAAGAGAAAAAGCAAACCGGAAAGGGAAAAGGGG GGAGACAGCCGGAGGGAGGGAAAGAGGGGAGAGAGGGGAAGGACGGCCA AAAAGAAGAGGCAACAAGGCCGAGGGGGGAGGAAGGGGGGACCAGAACCA G G GAGAGCCCAAACCAGCAACCAAGAAGGAACCGGGGGGAAAAGGGACCA G G A A A G G ACGGCCACCCGGAAGGGGGGAAAAGAAAAAAAAAGGGAGAAAA AAGACCAAGCCAAGGAAGGGGAAGGGGGAAAGGAAACAAAAAAGGGGGAA AGGGAGGAAGGGGAGAAGGGAAAGAAAGGAAGGGAAAGGGGAAAGAGAA GAGGAAAAAGGGGAGGAAGGCAATAGGGAAAGGGAAGGAGGGACTAAAG GGGACCCAAGGAAAACAGGGACCCCGGGGAAAAAAAAGGGGAAGGAAAAA GAGAGGGAACCAAAAGAGGAGCAGAAACCGGAACCAAAGAAGGAGGAAGG AA $\operatorname{GAGAGAGGAGGGGAAAAGGCAGGGGCACACCAAAAAAACGAGGAACCA~}$ GAGAACAGGGGGGCCAGGGGGGGGGGACCAAAGAAGAAAAAGGGGAGAA AAGACCGGAACCGAGGGAGGGAGGGGGGAAGGAGTTAAAGGGAGGAAAA GACGGACGGAGGGAGAAAAGGGGAAAAAGAGCCAAGGTTAGGAGGAGAAA ACAAAGGAGGGAACCAAGGCCAAAACCGGAGCCGGAACCCAGAAAGGGGA AAAGGAAAAAGGGGGGGGACAAAGGGGAGAGGGGGAAAGGGAAAAAAGG AA $\operatorname{A} A \mathrm{ACGGGGGGAAGAGAGGAAGAGGGGAAGAAGAAGAGGCCGGGGCCA}$ GAGAAAAAAAAGGAAGGGGGGGGGGAAAAGGGAAAGGGGGAGAGGGGGA CCGGGAGAGGGAAAGGAAAAAAGAGGGGAAGGCCAAGAGGAAGAGGAAAG G GAAGGAAGGGGGAGAAAAGAAAGGGAATACCGGATGGACCAGGGGAAG GGAAAAACCGAAAAAGGAAAAGGCCAAAAAACAAGGGGGAAGACAGGAGG GAAGAGAGGAGGGGGAAGGAAAAAGAAGGAGGGGAGGCCGGAAAACCGG GGAAAAAGAGCAAAGGAAAAGGAACCAACCCCCCGGAGGGAAGGAAAACC AAGGAAGAGGGAAAGGTTAAAACCTTGAGGAAAGAAAAACCCGGAGAAGG CAGGATAAAAAACCGGAAGGAAAAGGCCGGAAAAACCAACAACCGGAGAG CAAAGGGGAAGAAAGGGGGGGAGAGAAGAAGGAGAAGGGACAAAGGAGA AGGCCGGGAGGGAGGAAAAGGAGCAAAGGCAAGGACCCCGAAGAGACAGA GACAAGACCAACCGGGGAACGAGAACCAAGGGGGGCCAGGGCAGGAAAAC AGGGGAAAAAAGGAAGAAGAAAGAGGGAGACAACCGGGGGGACATGGAGA ACACGCCAAAAGGAAAAAAAGGAGGGGCAGAAAGGGAGGCAACAAGAGGG GATGGGAAGGGGGGGAAAAGGAAAAGGAGAGACCCAAGGCAGAGGAGCA GAGGAGGGAAGAAAAAGGAAGGAGGGAAAAGGGAGACCCCGGCCAAAAAA

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$28103000-9$ GAGGAGCCGGAGGGGGAAGGGGAAAAAAGGAGAAAAGGGACC CCCCAAGGGGGGCAGGAAGGAAGGCCAAAAGGAACCAAAAGGGGAAAAGG AACCGGGGAAGGCCAGGGCCGGGGGAGGCCAAGGAAAGAGAAGGAAAGA GAGACAGAGCAAGGGAGGACAGAAAAAGGAAGGACGGGGCCGGGGGAGA GAAAGGGGAACACCAAACGGACCAGGGAAAGGAAAAAAGGGGGGCCGGCC G GAAA $\operatorname{A}$ G G GAGGGGGGGGGGGGGGGAAAGGGGGCGAATAGGAAGGAGGA AAAAGGACCAAAAAAAAAGAACCGGGGGGCAAGAAAGAAAAAAGAAAAGA GGAGGAGGAGGAAGGAAGGCCGGAGGGAGAGAAAAGGAACCGAGAGGGA AAGGAAGGAGACGACCAGGAAAGGGAGGAACCGGCACCCCGGGGAAGGGG TAGGAAAAGGTTAAAGAAGGGGAAGGAAACGGGGAAGAGACATTCCGGAG ACGGAGCAGAGGAAGGAAGGAAGGAAAAGGGAAAGGGGAAAACCGGAAAA AA GAAGAAAGGAAAGGCCAAGGGGCCGGAGGGAAAAACAGAAGAGACCAA AAAAAAGGCAGGGAGGCAAGAAAAAAGGGGGGGGGGGGAAAAGGAAGCAA AA $\operatorname{A}$ GGGGGGGCCGGGAGGAAGAAAAGGGAGGAAAGGAAGAGGAGAGAAC CAAGGAAAAAAGGGGCCAAGAGGGGGGCACCCCGGAGGGAGGGGAGGGG AGAAAGAAGAAAAAGAGGAAGGAAGGAGCCGAGGGAAGGGACGGTTGGG GAAGGGGAAAAACGAGAAACAAAAAGGAAAAAAGGCCGAAAGGAGAAGCA AAAGGAAAAACCCGGAGAAAAAACCAGAGAAGGGGCCAACCAAAGCCGGC AAAAAGGGAAAAGGACCAGAGAAAAAAAACAAGAAGGGAAAGGGGCGAAA A G G G GAA G GAAGAAGAGAAAAGCGAGGGAAAGGGGGGACCAGAGGCACC GAGAAACCAGGACGGACCGAGAAAAGGGAAGGGGGGAAAGGGAAGGGAG GAAAAGGCCGGGGTAAGTTCAAAGGGGGGAAAACCAAGAAAAAACAAGAG GAAAGAAAGGAAACCGGGAAAGGAGCCAGAAAACCAAGGGAGGGAGAAGG GAACCAAAAAAAACCGGCCAGAGAAGGGAGGGGAAGGGGGGGGAAAGAGA

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G GAAGGAAGGCCGGTTAAAAGGCCCCGGAAGGAAAAGGAAAAGGCCAAGG GGGGGGGGAAAAAAGGAAAAAAAAAACCAAGGAAAATTAAAAAAGGAAGG AAGGGGAAAAAAGGAAAAGGGGAAAAGGAACCCCCCAAGGCCGGAAAAGG AA G G G GAAAAAAAAGGGGCCAAGGAAAAGGGGGGCCAAAAAAAAAAAAGG AACCCCGGCCGGGGAAAAAAGGGGAAAAAAGGAAAAAAAAAAAAAAGGCC AAAAAAGGAAAACCGGGGGGGGGGAAGGGGAAGAGGAAAAAAGGAAGGAA GAAAAAGGAAAAAGGAACAAAAAGAAGGAAAAGAGAAGGAAGACAGGGAA AACCAAAAGAGAGGCAGACAAGGGGGGGCCAACCGGAAAAGGGGGGCCAG GAGAAAGAAAGGAAAAGGGAACACGGGGGGGAATAAAGCGCCAGAGAAAA CCGGAGGAAAGGGGGGGGGGAGAGCCAGAGAACAAAGAAAGGGACGGGA AAAGAGGGAGGGGCAGGGGAGAAGGAGGGGGACGGAAAGACGACAAAAA ATAACACCAAAACACCAAGGAAGGGAAAGAAAGGAGGGAAGGGGAGGGGG ACAAGGAGAGGGGGACAAAGGACAGCGAGAAGAGGAGAGCGGGGAGCCCA GGAAGGGGAAAACCGGAAAAAAAAGAGGAAAACCAGGGGGGGGAAGGAGG GGAGAAGAGGGAGGAGAAAACCAAAAGGGGAGAGCAAAGAGGAAAGGGGA GGGGGAGGAAGGAAGGAAGGAAAAGGAAAAGGAAGGGGAAGGGGACAGG GAAAAGGAAAAGGGGAAGAAAACGGGGGAGAAGAGAACCAAAAGGGGGGT TGGGGAACCAAAAAACAGGGGCGCAGAAGAAGGCAAGAGAAGGAAGGAAG G G G CCAA G G G GAAAATTGGAAGGAAGAAGGACAGGCAAAAAGAGGAAAGG GGGCACCGACAAAGAAGACAAGGCCGAAGGGAAAAAACCGGGGGGGGGGA AAAAGGAAAAAAAAGGGAGGACCGGAAAGAGAGAGGGAAGGAAGGAAACA GAAGGGAGGAAGGGGAAGGAAAATTAAAAAGAGAAAGAAGGAAAAAGAAA AAAAAAGGGGAGATTACCCAGAGAGGACCCAGGAAGGGAAAGGGGGACAC AGACCAAGGAACAAAGAAAGGAGGAGGAAAAGAAGCCAGAAAAGGGAGGA A G G G GAA G G G G G GAGGAAAGGAGGGAGAGAGGAGCCAACGACAGGAAAG G GAAGGAAAGGAAGAAAGGAGAGGGGGGGGAGCCGAAAGGCCAGGAAGG GGGGGAGAAAAAACCAAGGGGGAAGCCAAAAAAGGCCGGAAAAAAGGAAA ACCGGAAAAGGAAAAAAAACCGGAAAAGGAAAACCGGAAGGAAAAAACCA ACCTTGGGGAAAAAAGGAACCAAGGAAGGGGGGGGAAGGAAAAGGAACCA AGGGGCCAAAAAAAAGGGGCCAAAAGGAAAAAAAAGGAAGGAAAAAAGGG GAAAACCGGGGAAGGGGAACCAAGGAAGGGGAAAAAAAAAAAAGGAAGGA AAAAAGGAAAAAGAAACGGGAAAAAAACCCCAAAAGGAAAAAAAAAAGGG GAAAAGGAAAAAAGGGGGGAAGGGGAAGGAAGGGGAAGGGGGGGGGGAA AAAAGGAACCGGAAGGAAAAGGGGGGAAAAGGAAAAAAGGGGGGGGGGC C G G G G G GAAAAAAGGCCGGAAGGGGAAGGGGAAAAGGGGGGGGGGAAGG
 A G G G G A A A A A A G GAA G G G G G G G GAAGGGGCCCCAAAAAAAAAAGGGGGG

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AACCAATTGGAACCGAAGAGAAGGAGAGGGAAAGGACGAAAAGGAAAAAA AA G GAAAGAGGGGGGAAAAAAAGGGGGGAACCGAGAAGGGGGGGAAGGG GAAGGAAGGGGCCAAAAGGAAGGAGAGACGGAAGACCGAAAGGGGGAGG AAGGAAGGGGGGGGCCGAAACCGAAAAAACAAGAAACAACGGAAGGAAAG G G CAAATTAGGGGGGAAGCCGGAAAAGACCAAGGAAAAAGAAAAGGGGCA A G G GAA GAAAAAGAGGAACGAGAAGGAACCGGAAGGGAGAAGCCCCGACC AGAAGGGAGAAGAAAAGAGAGGGGAAAAAGAAGGCCGGGGCCGAGGAAG G G GACGAAAAGGAAAAAGGAAGAGGAGGAAAGGGGGAGGGGGGAGGGAA GGAAGGAAAAGGGGTAGGAGAAAGGAAGGGGAGAGGGGGGCCAAGGGGG GGGGGAAGGGAGAAGGAGGAAGGGGGGAAAAAGAAGGAAGAAGAAGGCG AA G GAAGGAAGGGGAGAAGAGAGGAACCAAAAAAGGAAAAGGGGAAAAGG AA G GAAAGGGGGCAAGCCGGAAGGAGGAAAGGGGAAGGGGGAAAGGTTG ACGAAGGAAAAAAAAGGAAGGGAAAGGGGAAAAGCGGGAGGAAGGAGGAA GACGGAGGGGGGGCCGGAGGGAGGGGGGGAAGGGAAGAGAAAAAACCCC AA $\operatorname{l}$ GGGAAGGGGTAAAGGGGGAAGGGCCGGAAGAAAGAAAAAAAGGGGG GGAAAGGCCGGAAAGAAAAAAAAAAGGGAACGAGGGAACCAGGACACGGA AAAAGAGAAGGGGGGGGAGAGGGAGGGAGAGGAAGAAGGGAACAGAGGA G G G G G GAAAAGGAAGGAACCGGGGAAAAGAAGGGAGGAGGGAAAGAAAG GAGAGGGGGAAGGCCGAAAAAAAGGAAGACCGGCCAAAAGGAAGGGAGGC AGAGAAAAGAGAGAGAGAAGGGGAGGGAAGGAAGGAAAGCCAGGGAAAAG GCAACAAGAAAGGAACCGGAAGGTTAACCAAAAAGAGAGGAAAGGCCAAA GCCAGAAGAAGAGAACAGGAAGGGGAGAAGAGAGAAGGGGGAGGAAGCCA A GAGGAGGGAAGGGGGGGACCGGGGAAGGAAGGGGAAAAAAGGGGGGGA AGGGCCAAGAAAAAGAGGACAAACATCCAGGACCCCCCAGAGGGAAGGAA G G G GAAAAGGAGGGCCCCGGGGAAGGAAAGGAGAGGGAAAGACCAAAAAA AAAAAATAGGCCACAGAAGGAGGGAGGAGGCAAAAAAGGGAGCAGGGGAA AAGGGGCACAAGAGGGAAAACCCGACAAAAAGAAAAGGCCGGGGAACCAG GGGAAAGGGGAGGGGGGAGGAAGGGGGAAACAGGGAAAGAGGGACCCCG GGCAAAAGGGGAAAAGAACAGAAAAGCAAAAGGAAGAAGCCGGGGTAAGA AGGGGAAAAAAGGGGGGGGGGAAAAGGAGACGACCGGACAAGGGGAGAA GGGGAAGGATGGCCAAGGGAGGACTTCCAGACAAGGGGAGAGGAGGGAG GAGAGAGGGAAAAAGCCAAGGAAGAACAGAGGGGGCAAAAAGGGGAAGGA AGGGGAAAAGGCCGAGGGGAGAGGAAAAACCGAAACAGGCCAAGGAAGGC CAACAGGAAAAAAACCCAAGGAGGGAAAGAGAAAGAGAAGGAAGGGGAAA AGGAAAGGGGGAACCGGGGAAGAAAGAAGGGAACAGGGGAACAAGGGAG CCGAAGGAAAGAAGCCCGCCAGGGAGCCGGAAGGGGCCGGCAGGAAGAAC AAAAAAGGAACAAAAAAAAAGGAAAAGAGGAACCGGGGGGAAGAAGGGAA CAGGGGAAGGGACCCCAAGGAACCAAAAAAAAAAGAACGGGGGGAAGGGG AAAAGGCCAAAGGGTAAAAGCCAAGAAAGGGGAAGGAAGGGGAAAAGGGG GGCGGGAACCCATTGGGGAAAAGGGGGAAGCCAAAAAAGGAAGGAGGGAG G GACGGGGAAGGAACCGAAAGGCCGAGACAGGAGAACAAAGGAAGGGGGA AGGATTGGAGGACCAATTGGAAACGAAAGGGGAAGGGGAGAAGGAAGGGG AGGGAAGGAAGGAAAACCGGGGAAAAGGAAGAGGAAGGAAACAAAAAAGG GAGGCAAGGGGAGAGGAAAAGGAGCCGAGGGGACAAAAAAAA的的GGGG GGGCCAAAAAAAACCAGAAGGAAAAGGGAAGGAAGAGGGAAAGAGAAGGA AGGAACCAAAGCAGGGAGAACACGGGAGGGAGAGGGGGAAACCAAGAAAA AGGGAAGAACCACAAGGGAAAGGAAGGGGGAGAAAACAAAGCGAAGGAGA CAAGGGGGGGGCCGGGGGGAAAAAAGGCCGGCGGGAGAAACACAAGGAA CCGAGAGGAAACGGGGAACAGAGAGGAGGGAGAGAAAAGAAAGGCCAGGA AACAGAAAAAAAAAGAGGGGACAGGGACCCCCAAGGGGAAAAGGGGGGGG G GAA G GAGCAGGATCCGGAGCCCGAAAGGAGGGGAGAAGGAAGGGGAAG GAAGAAAGGAAGGAGAGAGAACAGGAGGAAGGGCAAAAGGGCATAAAAAG AAGAGAGAAAAAAAAAAAAGGAACCAAGGAAGGGGGGCCGAGACCAGGAG AGGAAAAAAGAAAAACAAAGAAGCAACCCGAGGGAGAGGGAAAAAGGAAG G GAGGGAAAAAGGAAAAAAACGGAGACAGCCAGGAGGGAGGGGAAGGAAG GAAAGAGGGGAGGAAGGGGGGAGAAAAAAGGAGGAGGGGCAACCAGGGA GGAAGGAAGGGGGGGAAAGGGGAAAGAGCCTTGGGAAGAAAGGAAAGAC AGAACGGAGAAGAGAAAAAAGGGGAGGGAAAAAGGAAAAAACCAAAGAAC AGGAACCAAGGAGACGAGGAGGGAAAACCGGCCGGGGAAAAAAAAAACCC CGGAGAGAAAAAAGGAAGGGAGACGACACGGGGCCGGAAAAAACCAACCG GAAGAGAAGAGAAGACAGGGGGGCCAAAAAAGGAGGGAAAAAACGGGGGA

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 G G GAACCACGGAGGGGGGAGAAGAAGGAAGGGAAGAGAAGGCCGGAAGG AGAGAAAAGGGGCCCAGAGGCCCCAACCAAAAAAGGAAGGGAAAAAGAAA AGCCAACCAAGAAAGGGAAAAGGGAAAACCCCGGAAAAAAAAAAAAGAAG ACAGGAGAGGGGTTGGGGAAAGGAAAAAAGGGGGGGAAAAAGGAGAACG AAGAGGAACGGGGAAAGGAGGGGCCAAGGGGAAACGAAAATCAAGAGGGC ACAAAAGACAGGGGAAGGAGGACGGAGAAGGGGGGAGAACAGAAAAGGAA GAAAAAGAAACAAAGAGAGGAAAAGGGGAAGGGCCAGAAAACCGGGGACC CCCGGGAGGAAAGGGAACCAAAGGAAAGGAAGAGAGAGGGGCCGGTTGG G G A A G G G G G G G GACAGAGAGATGGGAGGAAAAAAAAAAAGGGGGGAAGGG
 GGGGAACCGGAGGAAAGAGGATAGAGAGCCAACCAGAAAGGGAGAAGACC GACAGAAAGAGAGGAAAAAAGGGGGGGAAGAGGAGAAAGGGGGAAAGGG G G G G G G G G G G G A G A A CAGAAACCAAAAGAAGGAGAAAGGGGAAAAAAGGA G G G CCGGGGGAAAAAAAGGAAAAAAGAACAGAAAAGGAGAAAAGGAAGGG AAAACAAAGAAAGGGAAGCGGAGCAGGGGAGAAGAAGGGAAGGAACAAGA G G G G G GAGAATGAAGAAGAGAATAAGGGGGGGGAGGAAAGAAGGAGGTT ACGGAAGAGGGAACAGAACCGGAAAAAAAAGGGGAACCGGAAGGGAGGAA G GAA G GAAAAGGACGGAAGGCAGAAAGGACAGAAGGAAGGAAAATAGAAG AAGGGAGGAGGAGAAAAAAGATCCAAAGACGAGGGGGGGGCCAGAAGAGA AA $\operatorname{A}$ GTTGGGGGGAGGAGGCCGGGGCCGGGGGGGGAAAAGGGGGGAAGGC CAAGGAAAACCGGGGGGAAAAGGGGAAGGAAAAGGGGAAAAGGGGGGAA TTGGAACCAAAACCAAAAAAGGAGAGAAGGAACCGGGGGGAAAAAAAAGG AAAAGGAAGGCCGGAAGGGGAACCGGCCAAGGCCGGCCCCGGGGGGGGG GGGAAAACCGGGGGGAAGGGGAAGGCCGGGGGGAAAAAGAGAAAACCAA GCTACCGAAAGAGGGGCCAAGGGAGGGGAAAGGGCCAACCAGAGAAGGCC ACCAGGGGGGAACCAGGGGAGGAGGGCCGGCCACAAGACCGGAAGGACCA AAAAGGAAGGAGGGAGGGACAACCAAAGAAGAAAAAAAAAAAAACCAAGG GAAAAAAGCCAAAAGGCCCAGAAGGAGGGGGGAACAAACCGGCAGGGGGG G G G GAAGGGAAACCAGGGGGGGGGAAGAAGGAAAAAAAAAAAAGAGGGAA AAGAACGAAGAAGAAAAACAGGTACAGGAACCGGAAGGAAAGGGGGCAAA GGAAGAAAAAAAAAAAAAGAAAAATTCCAAAAAAGGCAAAAGGAGGAAGA AATAGGGGAAAAAAGGGAAAAGGGAAAAAAAACCGGCCAACCACGAAGGG AA $\operatorname{la} A \operatorname{Ag} \operatorname{GAA}$ ITAAAGAAAAAAGGGGACAAGGGGGGAGCAACAAGAAAAA AACCAAAAAAAAGGAAAAAGGACAGGAAGGGGAAAAAAGGCCAAGGAAAC AAAACCCCAAGGAAAAGGGGGAAAGAGGGGAAAGAAGAGAAAAGCAGCAA AAAAACGAGGGGAGGGGAACAGGGAGAAGGGGAAAAGGGAGAAGAAAAAC GACCAAGGGGGGAGAGCCGGGGGGGGCCAAAGGAGAGAAGGAGAGGCAC CGGAAAAACGGCCAAAGGGGGAAAGACGGGGGAGAAGAACCAGGAAGGGA CGAAGAGAGAGAAGAGAGGAAGGCCCCAAAGGGGAAAGGGGGGTACCAAG AAAAAAGGAGAGACCAGACAAAAGGAAAAAAAAAAGAAGAAGGGACACCG
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A G G G G G G A A CAGGGGGAGGAAGGACAGGAGGAAAAGGAGAAAACCAAGG G GAAGAGGGAAAAAGGAAGGAAAAGGAAGGGGGAGAGGGGAAAGAGAAA A G G G GAAAAAAGGGGAAAAAGGAGGGGGAGAGGAAAAAAGGGGAAAAGG CCCCAAGGAAGGACGGGAGAGAGGCCAAGGAAGAAAGGAGACGGGGCCAG AA $\operatorname{A} A \mathrm{G} G \mathrm{GGCCAAAAAACCAGGGAGCAGGGAAGGGGGGAAGACCCGGAGAG}$ A G G G GAGGAAGGAAGGAAAGACGAGAAAAAGAAAGGAGAGGGAAGGAAG GCCAAAAAGAAAAAAAAAGGAGGAAAAAAAGAGAGAACCAAAAGGAAGGG AGAGAAACACAGGAGGGACGCACGGAAAAGGGGAGGGGAAAGGAGGGGG GAAGGGAAGGGAGAGAAGGGAAAAGGAAGGAGAAAGAACCAAGCAGGAAA GACCGGAAAAGAAGAGAGACGAAAAGGAGAGAAAGAGGGGGGAGAACCGG AA G G G G G GAAGGCCGGAAAAAAGGGGGGAAGGGGGGAACACCGCAACAG GAGAAGGGGAACAGGAAAAAAGGAAGGAAAAGGGGAACCAAAAGGGGAAG GAAGGAAAACCCCAGGGGGGGAGGGGAGGGGAGAGGAAGCCAGGGGGAG GACCAAGGGGAAAACAGAGAGAGAGAGGGAGAGAGAGAGACAAACCGGCA CCGGGGCAAGGGGGAAGAGGCCAACCGGAAAGGAAAAACAAAAACAAAGG AAGGAAACAAAGAAAGGGGAGGAAAGAGACAAGGGGGGAGGGGGAGGGG GGGAAGGAAAAAACACCGGCCAGGAGGAAGAAGGCAGTTGAAAGGGGCAG AGGAAAAAGCCGAGGAGAAAGAGAAGGGAAGAGGGGGGGAAAGCCGAAAC CGGCCAAGGACAAGGGAGGAAAAAAAACCAAGGAAGGAGAGAGCCGGAAC CCCGGGGCCAAGGGGGGGGCCAGAAAGGGGGAAAAAAACGGAAAGACGAA AGGAGAGCCAGGGAAAAAAAAAAAAGAGAAAGGAACCAGAGGGAGACCCG GAAGAAAAAAAAAAAGGAGGGGGGGAAGGAGGAAAGGAAGGGAGGGGCC AAAAAAAAGGGGGCCAACAGAAGGAAAGGAAGAGAGGAGGGGGGAGAGGA AA G GCCGGAGAAAAAAGAAAGGGGGGAACCGAATGGGGCCAAAAGGGGAA GGAAGGAAGGAAAACCAACCAAAAGGCCGGGGAAAAAAAACCAAAAAAAA G G G GCCAGGGAGCCCCCACCGGGAGAAAGGAACCAGAAAGGGGAAAAAAA AAAGAACCAGGGAGGAAAGAAAAAGGGGAAAAAAAACCCCAAGAGAGGAC GGGAAACCGAAAATGAGACCGGAAAAAAAAGAGGAAAGCCAAAAGATACA AA G G G G G G CAGGAGGAAAGGTAACAAGAAGAAGGAAGGGGGGAGGGGGG AAAAAGGCCGGAGAACCAAGAGGCAGAAAAGAGAAATGGAGAAGAGGGGG GGGAAAGGGAGAGAAGACAAGGAGGGGAGACGGAGCAAGGAAGGAGAGG AAAAGGGGGACCAAAGGGGAGGGGAAGGGAAAGACCGGAAGGAGGAGAG GTTAGAGGGAGAAGAAAAGAAGGAAGGGGGGAAGAAGAGGGCCCCCAGGA AGAGAAAAATACCGAAACCGGGGGGGGAGAAGGACGGAGGGAACCGGGAC CACCCAAAAGGGACCAGGAGAGAGGGAGGGGAGAGGAAGGGAAGGAAAAC CAGAAGGGAAGGAGGGGGGCAAAGACCGGCCGGGAAGAAGAGGAGCCAG GAAAAACAGGGGGGAAGGGAAAACGAAAAGAAGGAGGGGGAGGGGGGGA A GAGGGACCGGGGGGAAACGAAGAGTACAGGGGGGACGGAAGAAGCCAG ACA $\operatorname{A} A \mathrm{~A}$ G G G G A A G G G G A G A A A CAGGGAGAGGGAGGGAAGAAAGATTGAA CGGAAAGAAGGGAGGAAGGAAAGAGAGAAAAAAAGAAAAGGCCGAAAAAA A G G G G G G G GAAAGAGGGCCAACAAAGGGGGGACAGGAAGAGAAGGAGAA AGACAGCAGGAAAGAAACGAAGAACAAAAAAGACAGGAAGCCAGAGAGAA AA $\ln$ AGGGAAAGAAGGGGGAGAAACGGCAAAGGAAAAGGCGAAGGGGAAAC GAGGGAAAGGGGAAAGAAGAGGGGGGAGAGGAGAAGGGAGGACAGGGAA GAAAGAGAAGAGAGAGAAGGGGGAAGGAAAAAAGGGGAGGGGGGGAAAA GGAAGGAACCAAAAGGAAGGGGGGGGGAAGAAAAAAGGTTAGAAAGAAAG GGCCAAGGAGCCAGAAGGGGCAAAGGGGAGGGGGGGGAAAACACGGGGG GGGAAAACCCAGAGGAAGGAAAGAGGGAAAGAGGAAAAGCCAGGAGGGAC CCCGAGAGACCGGCCGGAAAGGGAGGAAAGGGAAAAAAGGGGGGGACAAA GAA G GAA G G G G G G G GAGGGCCGGAAAAGGGGGGACAGGACCGGAGAAGG A G G G CCGGGGGGGAGGAAGGGGGGAGAAAAAAGAAAGGAGAACAGAAGG G G A A T G G G G GAAGGAAGAGCCAAAAAAGAAAGGGGGGGGGAAAGAAGGG G GAGAGAAGGCAAGGGGGCCAAGGCCAGCCAAAAGGAAAGCCAAGAAAGG AAGGGAAAACAAGACCAAGCAACCAAAGGGGGAAAAACGGGGAGTAAAAA AAAAGGAACCGGAAAGGAGACCGGGGAACCAAAGAACAGGAAAAGACCAA GGACAAGGAAGGCCGACCAAAGGAAGGGAAAAAAAAGGAAAAAAGGAAAA AACAGAGGGGAAAGGAAAGGGGCCCAGGGAAAGAGAGAGAAAAAGGAACC GGGAAAGGCCGGAACCAAGGAGGAGGAAGGGGAAAGAAGGAAGGAAAAAG GAGAAAGAACAGAAAAGAGGAAAGACAAGAAAAGGAGAGAAGAAAAAAGG GGGGAAGGAAAAAAGGAAGGGGAACGAGAAAAGGGAGAAAAAAGAGGAGA CGAAGGGGGGGGGGAAGGAAGGGGCCGAGAAGAAAACCAAAAAGAAAAAA

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 G GAACCGGGGGGCAGGATACAAAGGGCCGAGGCCGGGGAAGGGGAAGGA AAAAAGAGAGAGAAAAACAGGAAGGGGAAAGGGCAGGAGGGATGAGACAA A G GAA $\operatorname{l}$ G G G G G G G GAGAGGGGGGGGGAAAAAACGGGGCCGGAGAAGACC AGAGGAAAAAAGAGGACGGAAAAGACGGCCAAGAGGAGAAGAAAAAAAGG
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 A G G G GAGAAGGAGAGAACCGGAACCAAGGCCGGCCAAAAAAGACCGGGGA GAAAAGGCCAAGGGGGGAAAAAAAGAAACAGAAAGCAGACCAGGAGGCCG GGAAAGAGGAAGAAACAGAGGGGGGGAGGCAGGAAGGGGAAAGGAGGGG AA G G GAA $\operatorname{AAA}$ A GGGCCAAGGCCAAGGGGGAGAAACCAAAGGGGGGGAAG GAGGAAACGAGCCGGGGAAGGGGGGAGGGAGCCGGAGAACAGGAACAGA AAAAGGGGAGAGGGAAGAAGACAGGAGAAACCAAGGACGGGGGGGGACA
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GAAACAGGGCAGGGGGGAGAGAAGGGAGGAGGGGGGGAAGGGGCCCAAA AAGAGAGAAAAGAAACGGAGAAACACGGAAATAGGAGAGAGGGAGAAACA AAAAAAGGGGAAAGAAAAGGCCAAAGGGCGCCGGAGAGAAAGCGGGGAAG ACAACCCCGGAAAACCGGGGAGGGAAAGCAGGGGCCAAAAGGAAAGAAAA A G G GAGGGAAGAGGCCAGGACAGAAAGGCCAAAAGGCAGAACGGGGGGG G G G A GA GAGAGAAGGAGACAGAAAGAAACAGAGGGACAAGGAAGGAAAAG GAAAAGAAGGAAAAGGAAAAAAAGGCCGGAGACAGGAGGGAGGGGGAAGA GGAAAAGAGAGCGGGGGGAAGGGGGCCAAAGGGGAACTTCCGGATAGAAA TAAAAGGAAAAAAGGGAAGGGGGGGGGGGAAAGAGGAAGAACAGGGGGG ACGGGGGGAAAAGGGGGGCCCCCCAAGGAAGGGAGGAAGGAGGAACAAG GCAAGGGAAACGAGGAAGGACAGGGAAGAGGAAAAGGGCCAAAAAAAAAG GGAGGAGGGAACAAGAAAAGAAGGGAAAAGGCCAGGGCCGGAGGGAGGA AAAAGGAGAGAAAAGAGGAGGGGAGAAGAAAAGAGGGGAAGGCCAGCCAG GGCCGGAACCAGAGAAGGAAAGGAGGAAGGAGAGCCGGGGGGAGGGAAG G G GAGGAGAAAAAAAGGCCATCCCCGAGAAGAAGGGGAACCGAGGGGTTA AGGGGGAGGAGAAAAAAAGGAGAAAGGAAGGCAGAGGGGGACAAGAAAAG AGAGGCAAGGAAGGGACGGAACCGAAGGAAAGAAACCAAGAAAAAAAGAA A G ACAGGGGGGAAGGGGAGAGGGGGAGAGAAGGGGAGAGGGACGGAGGG GAAGAGCGCCAGAAAAGGAGAAAAAAGGGAAAAAAGGGAAAAAAGGGGCC GGAAAAGGAAGAGGGGGAGGAAAAAAGAGAGAGGCGCCGAAGGAAAAGGA CAGAAGAGAAAGAGGGAAAAAAAAGAGGAGAAAGAAAAAGGGAAAACCGG G GAAACAGAGATAAGGAAGGAAGAGGGGGGCAAGAGGGAAGGAGAGAAA GCGCCAACCAAAGAAACAAAAGGAACCCCGAACGGAAGGAGAGGAAGGGG GAAAAAGCAAAAAAAGGAGAAGGGAGGAAAGAACCGGGGAAGGGGGGGGA AGGGGAAGGCCGGAGGAGAGGGACAGGGAAAAATTAGAGAAGAAGGGGA A G A G G GAAAGCCAAGAACAAAAGGAAAAAACCAAGGGAGGGGAGGGAGGG AGGGCCAAGGAAGCAAAAAAGAGGGGAAGAGAAGAAAGGAGGGAGAGGAA GGCCAAGGCCCCGGAGGGGGAAAAGGAAAAAAGGAACCGAAAAAGGGGAA AA GAAGGGAGGGAGCAAAAAAAAAAAGGCCAAGGGGGGAAGGAACAAGGG AGGGGGCCGGAAGAAGAGAGAGAAGGAGAACCTTGGACCCAGAAACAACA GAAAGGGAGAAAAGAAAGAAGGGGAGAAGAAGGGAAAGAAAAAGGGCCGG GGAAGGCAGAACGGAGGGAAGGAAAGGAAGAGCCAAGGAAGGCCGGGGA GCCGGGGAGAGAGAGTTAAAAAAAGAGGAAGGAGAACCAAAAAAAGGAAG GAAAAGAGAGGCCGGGCGGAAAGGACAGGAAGGCAGGGGAAAAAAAGAAC CGGGAAGCCACGAGAAGACGAAAGAGGGAAACACAAGGAAAAAGGAAGGG AGATAAAAAAAGGCCAACCGGAACCAACCAAAAAACCAAGGAGCCGGGGG G G GAAAGAAAAGGGAGGAAAACCAAAAAAAGAGCACCCCAGACCCACGGC AAGGAAAGAGGTTAAGGAGACAGCAGAAAGGGAGACAAGAGGACAAAAAG GAGGGGGGGTTGGAAGAAGACAAGGAGAAAAGGGAGAAGGAGGGAGAAA A G G A G GAGAACCGGAGGAAAGGGGAGAACCAAAAGGGGGGAGAAGAACCC AGAAAGCGAAGAAAGAGGGGAAAGAAAAAAAAAAGGGAAAAAAAGGGAGA AAAAAAGAAAGAGAAGAAAAAAGAGGGGGGGGGAAGAAGGACGAGGGGG GAAGGACAGAAGGAAACCCGGAGAAGGAAAACAAAGGAACCGGGGGGGGA GTTGGACGGAAGAGGGAGGGAGAAAGGAGAAAAAAAAAAAAGGCCCCGGA AGGGGCCGGGAAGACGGAAAAGGGGCAAAAGAAGGCCAAGGAAAGAGCAA AAGGAAAGAAAGGCAGGGGAAAGAACCGGGGGGAGACAAGGAGGAAAAGA CGAGGACAAGAGAAAGGAACCTAGGGGCCAGGGGGGGAAGGGGAGAAGG AAAAGGGGCCGGAAGGAGGGGAAAGGTAAGGAAAAAAGAGAAAAAGGGAG AAAAAAGAAGAAGGAGGGAGAAAAAAGGAAGGGGGGAAGGAGGGAGGGG GAAGGGAGGAAGGAGAAGGAAGAAAGGGGCCAACCGGCCGGAAAGGAGA G GAAAAAGAGATAAAGAAGGGGGGAAAAGGCCAAGGAAAAGGGGCCGGGG G G G GCCAAGGAATTCCGGAAGGGGGACAGAGGCCAGGGAAAAGGGAAGAA AAAGAAGGGGATGGGGAAAGAGAAGGAACCAGAAAACCGAAAGGGAGGAA G G G GA GACATAGAAGGGAACGGAGAAGGGGGGCAGAAGAGGGAAAAAAA G G G G G G G GAGACAGAGGGAAACCGGAAAAGGGGAAAGACCACCAAGGGG G GAGGGAACCGGAGAGAAAGAAGGGGGGGGAAGACCAAAAACAAACGGAA AGAAAAAGAAGACCGGAAAAAGCAAAGGCAGGAGCCGGGGGAGGAGTAAG AAAAGGAACCAAGGAAAAGGGGAAGGAGGAAGAAGGGGAAAGCCAAGGGG AGAAAACCAGAGAAGAGACAAAAACCGGGGAAGGTTAAACACAAGGGAAC GAGAGGAGAGGGAAAAGGTAAAGAAGAAAGGGGGGACCAGAAGGAAAAAA CCGGCAAAGGAAAGAAGGAAGGAAAGCAGGGGAGGGGGGGGAAGGGGGA

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A G G GAGGGCCAAGGGGGGGAAAGAGAGGCCGGGGGGGAAGCCGAACGGG GCCAAAGGGGGAAGGAGGAAGGAGAGAAGGGAGAGAGACAGGAGGAAGG AA $\operatorname{G} \operatorname{GGGAAAAGGGGAAAAGGGGGGAAGGGGAAGGCCAAAAGGAGAAGGA~}$ C G A A G G G AA G G A G A GAAAGCCGGAAGGGAGAGGGAGAAGAAAAGGAAAGA GGAAAAAAAAAAACCAAGGAGGAAGGGGGGGAAACGGAAGGAAGGAAAAT TGGGGAAGGGGGGGAAGGAAAGGAGGAACAAAAGGGGACGGGGGGAAAA G G G GCCGGGGCCGGGACCCCAAAAGGGGGAGGAGAGGGGGAAGAAGAAG GGGAAAAGGAGGGAAAGGAAGGAAAATACAAAAAAGGCCGGACAAAAAAA A G GAGGGAAGGAGGGGGGGGCGGGGAGTAGGAAAAGGAACCAAGAAGGG GAAAAAGGAAGGGGAAAAGGGGAAGAAGGGAAACAAGGAACCAAACAGGG AAACAGAGGGGGAGCCAAAAGGAGAGGGGGGGGGCCAAGGGGAAGGAAG GCCAAAAGGAAGGAAAAAAAAAAAAAAAACCGGGGGGCCAGAAGAAAGAG GAATTAAAAAAGGAAAAGGAAGGGGAGGGGGGGGGGAAGAGACAGGGAA AAAAGGGGAAGGGAGAGAAGGAGAGGGCAGTTAAGGGGAAAACAGGGAAA GAGGGGAAAGAAAAGGGAAGGAGGGAAAAGCCAAAAGGGGAAGGGGACG GCCAAGAGAAAAGCCACGAAGAGAAAAGGAAAGAGGACAAAAGCCGGGGA A G G GAA $\operatorname{la} A \operatorname{A} G \mathrm{G}$ AGAGAGGAAAGACGGGGGGGGGAGAAGAAGGAAAAAC A GAGGGGGAGGGCCGAAAACACGAGGGGGAAAAGCCGGGGGGAAGGGAG AGACAGGAAAAACGAAGTAAAGGGGAGGGCCGGAAAGGGAAAGCAGGGAG GGAAAAAGAGGCCGGAAAAGAACGAGGCACCCCACAGCCAGAGAAAGAAA A G G G GAAAAAAGGGGAAAAGGGGAAAAAAGGAAGGGGAAGGGGGGAAGG AAAAGGGGAAAAAAGGAAAAAAAAAAGGCCAACCAAGGAAAAAAAAGGGG GGAAAAAAAAAAGGCCCCGGAAAAAAGGGGCCAAGGAAGGGGCCAAAAGG AAAAGGAAGGAAAAGGGGAAAAGGCCAAAAAAAACCTTGGAAAAAAAAAA
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G G G GAAGGCAGGAGAAAGAGGAGGAAAAGGGGCAAAAGAAGAGGAAGGG ACCAGGGGGGGAAAGAGAAAGAAAGAAAGAGCCCCCGAGAGAGAGCCGAC CAGGAAGGAGAATGGAAGGGGGGAAAAGGGAGACCGGAGACAAGAGGAAA A GCAAAAAGGGGAGGCAGAGAAGCCAGAGGGCCGGAAAAGGGACAAGAAG GAGCAAAGAGGAGGGCCGAAGGGGGGGGAAAAACCAGAGAGAGGAGAGG AAAAGGAGGAGGACAACAGGGGCCGGGGGATTAAAAACAAGGGGGGGGAA G GCCGAGGAACAACGGGGAGAAGGAAAAGGAGAAGGCCAAGACCAAGGGG AGGAGAGACAAGGAAAAAGAAGGCACCCAACCCAAGCAGGGAAAGAGGGG GGCCACCCAAAGAAGGGAGGGGGGGGAAAGAAAAGGGGGGCCAAGGAAG GAAAAGACCGGGGGGAAGGGGGGAGGGCCGGAAAGGAACAAAGCCAGAA GGCCGGGGAAAAGGGGGGAGGGGGAAGGGGAGAGCCAGAAGGACAGGGG GAAAACCAAGGGAAAAAACAGGGGGGACCGACAAGAAGGGGGGGAGGAAG GGAGGCCGAAGGGGGGGAAAAAAAGGCGAGGGAGGAAGAAAAGGGAAGG GGAGACAAGGAGCCAAGGAGGGAAGGAAGAAAGGAAAAGAAAGACCGGCC GGAGGAAAAAAAAAAAGGAAGGAATAAGGAAAAGGGAAGGGGAAAAGGGA GGGGCCAAAAGGAGGGGGGGGAACCAAAGGCAGGAAGGGGGGAAAAGGA AAAAAGAGGGAGAAAGGAAGAAGAAAGAAAGAGGGGGGGGGAGGAAGAG ACGGAGGGAAAAAAAAAAGGGGAAAAAGAAAAGGAGGAGGGGAAAAAGAA A G G GA $\operatorname{l}$ GAGAAGAGAGAGGGAGGAGAGGGGGAAGAGAAAGGGGGGGGGG GCCCCCCAAAGGAGGGGGAACGAAGGGGGAAAAAAAAAAGGAAAGAGGAA AA GAAGAGAGAGGAAGAGGAAGGAAGGAAAAGGAGAAACAAGACAGAGGA AA G G GACGACAGAAAAGAAAAAAGGGGGGGAAAGGAAAAGAAGAGGGAAG GAACAAAGGAGGGAGAAGAAAAGAGAGGGAGAGAACCGAACAAGAAAAGA GCAAGAGGAAGGGAAAAGGGGGACAGGGACCGGGGAAAAGGAAGGGGAA G G G GAAAAAACCAAAAAAAAGGGGGGAAGGCCAAAAGGAAGGAAAAGGAA GGGGGGAAGGAAAAGGAAGGAAGGGGAAGGGGAAAAGGAAAAGGGGAAG GAAGGGGAAGGAAAAGGAAGGGGCCAAGGGGGGAAAAGGAAGGGGGGAA CCAAAAAACCGGAACCGGCCGGCCGGGGAACCGGGGGGAAGGAAGGCCAA GGGGAAAACCAAGGAACCGGAAAAAAGGAAGGAAAAGGAAGGGGGGCCGG G G G G G G G GAACCAAAAGGGGCCCCGGAGGGAAACGGAGAAAGGAAAAAG GCCGAAACAGGAAAGAGGGAAAGGAAGGGAGGGAGAGGAGGGGAGGGGA GGCCAAGGGAAGAACCGAAGGAGGAAAGAGGAGGAAAAAAGGGGAAAAAA AACCAAAAAAAAAAGGGGTTGGGGAAGGAAAAAAGGAGAAAGCAGACCCC AACAGGGGGGAACAGAGGAGGGGACAGAGACAGAGACAAGAAAAAGGAAG G G G G A A A G G A A G A A A C G G G G G G A GAA G GAGGAGGAAAA G G G G G G G G G G G GAAAAAAAAAAAAAAGGAAAAGGGGAAGGAAGGACAGAAAAGGCCGGAGA AA G G G GACAAACCGGGGAAGAGAGAGGGAGGGAGGAAAGTAGGGGAAGG AA G G G G G GAGAGGAAAAAAAGGAAAACCGAAGAGGGAAAGGAACAACCAA
 C G G G G G G G GCCGGCAAAAAGGAAAACCGGAACCCCAGGAACCAAGGGAGG GAAAGATAGAAGGAGAGGAGAAGGAGAGGGGGGAGGGGGAAGGGGAAAA GGCCGGAAGGAAAAGGAAAGAGGGAGGAGAGGGGGGAAGGAAAAGGGGA AGGGAAGAAGAGAAGGGGACCACACGAACAGAGAAAAAGAGCCCATTAAA GAAAGGAAGCAGAGAAGGGGGAAACAGAAAGGGGAGGGGAGAGGGGGAG ACGAAAGGCCAAGGAAAAGGAAAAAAGGAAACGAGGAAAAGGAAAAGGAA AAAAAAGGAAAAAAAACCCCCCCCAACCAAAAAGGGGGAAAAAGAAGGGG GAGGAAACGGAAGAGGAAACGGGAAGCCAAGGGGGACCCCGGGGGGAAAA GGGGAATTGGAACAAGGAGAAGGGACACGGGGAAGGAAAAGACAGGCCGA A G G GAAAGGGGGGGGGCCCCGGCCAGACGGAAAAAAAGGAAGGAGAGGC CAAGGAAAGGAAGAAAAGGAAAAAAGGGGGGAAGGAAGGAAAAACAAAAA AAACCGGGGAGAGGGAGTTAAAAAAAAGGGAAGAGAGGAAAGGAAGGGGG GAAAAAGAGGGAAGAGAAGGAACCAAGAGGGAAAAGGGAGGCAGGGACCA AAAGGGAAGGCGCGAGGCACAAGGGCCGAAGAAGAGAAAGGGGAAGGAAA AAAA $A$ A $\operatorname{lng} \operatorname{GGGAGGGAAAAAGAAGGGGGAGAGGAGAAAAGGGGGGGGGG}$ CCAAAAGGGGAAGGGGAAGGCAGGGGGAGGAGAGAGCCACGAGAAAAAAG AGGGGGGGAAGAAGAGAAAAGATAAATAAGAGGGACGGGGAGAAGGAACC CCGGAAGGGGGGAAGGAAGGGAAGAAGGAGGAAGACGGAAGGGGAAAAC AGGGGCCAAAAAGCCCCAACCAAAAAAGGAAGGGAAAAAGAAAGGCGAGC AAAGAAAGGAAAAGGGACAAACCCCGGCCGAGACACACAAAAGACAGGAG AA $A$ AGATAGAGGAGGAACAGAGGGGAGGGAACAGGGAAACCAAGGAGGAC CAAGGGAAGAAAGGGCACAAGAGAACCAAAATTAAGGAGAGCAAAGGGGC

CGGGGAAAGAAGGACGGGGAAGGAGGAAAAAAAGAAAGGAAGGACCAAGG ACCGAGGAGGGAAAAGGGGGGGGGGCCAGCCAAACGGAGCCCCACAGGAG GGAGGGGAACCAAGGAAAAAGGGAAGGGGAGGGCCGGTTGGAGAAGGGG GGGGACAGAGAGATGGGAGGAAAGAGCAAAGAGCGGCAGGGGGGAAGGG AGGGGGGAGATGGAGAAAAGGGGGAGGGGGGGGGGGAAAAAAGAGAGCC GGAGGAAAAAGGTTGGAGGGCCAGCCAGAAGGGGGGAAAACCAAAAAACA AAAAAGGGGGGAAGGGGGGAAGGGGAGAAAAGGGGACAAGAGGGAAAAG GGGAGAACAGAAGACGGGGAAGGGAAAAAGGGGGGGGAAAGAGAAAAGG GGAAGAAAAAGGAAGAAAGAACGGGAGAGGAAAAAAGGCCAAGAGAACAA GGGAGGGGGGCCAGAGCAGGGGGGAAAAGGGGAAGGAAAAGGGGAGGGA AAATTGGAAGAAAAATTAGGGGGGGGGAGGGCAGAAGGAGGATACAGGAA AGGAACCGGAACCGGGGGGAAAAGGGGGACCAGCCGGGGAGAAAGGAAG AAAAGGCCGGAAAGCAGAGAGGACAGGACCCCGGAAAAAAAAGGAAAAAA GGGGGAGAAAGAGGATGGGAAGCCAAGGGGGGGGCCAGGAAAAAAAAAAT AGAGAAGGAAGGAAGGGGGCGGAAAGGGGAAAGGGGGGGGGGACAAGAG GAACCGGAGAGAACCGGGGGGGGAGGGGGAGCAGAGGGGGGCAATCGGA ACGAAAACAAGAGAGGAGAGGAAGCCCCGGAAAGGAAAACAAAGGAGGAG AAGGCCAGCAAGGGGACGGGCCAAGGCCGGCCCCAGAGGGAAAAGGAAGA ACGAAGAAGGGGGGGGAAACGGAAGACAAAGGAACAAAACAAGCTACCAA AAGAGAAGACAAGGAAGGGGAAAGGGCCAACCAGAAAAAGCCCCCCGAGG GGAAACGGGGAAGGAGGGACGGCCCCAAAAACAAGAAGCCAAAAAAAGAA GGGGGGGGGAACAACCAAAGTTAAGGGGAAAAAAGGACAAGGAAGAAGGG CCACAGGGCCCAAAAGGAGGAGGGCACACAACAGAAGGGGAAGGAGGAGG GGAACCAGGGGGAGGGAGAAAGAAGAGAAAAAGAAGAGGGGAGAGGACG AAGAAGAGAAACCGGTAAAAGAACCGGAAGGAAGGAACCAAGAAGGGGGA AAAAAAACAAAGAGGAATTCAAGGAGAGACAGAAGGAGGGGAAAATAGGG GGAAAGGGGAAAAAGAGGAAACAAACCAAGCAAACCCAAGGAGAAGAAGA GCATTGAAGGACAGAAGAGCCCAAAAAAAGGAACCAAAAAAAAAACCAAAA AAGGAAAAGAGGGAAACCAAGGAGGAGAGAAGCCAAGGAACCAAAAACCC AAAGGAAAGGGGGAAAAAGGGGAAAGAAGAGAAAGGAACCAAAAAAACGG GGGGAGGGGACCGGGGAACAGGGGAAAAAGAAGAAGAAAACCGACCAAGG GGGGAAGGACAGAGAGGGCCAGAAGGGGAAAGGAGAGGCACCGGGAAAA AGGCCAAAGGGGGAAGGAAGGGGAAGAAGAACCAGGAAGAGCCGAAGGGA GAGAAGAGGGAGGGGCCCCAAGGAAGAAAGGGGGGTACCGAGAAATTGGA AGAGACCAAAAAAGAAGGAGAGAGGAAGGGGAAAGGAAACCGGGGGGGG GGGGGGAAAAGAGAGGGGGGAAGGAGGGAAGGGGGGGAGGAGGAGACCA AAAAGGAGAAAGAAAGGCCGGAGGGCCGGAGGAGGGGAAGGGGAGGGGA AAAAGGAAACGGGGAGAAAAGGAAAACCAAGGGGAAAAGGGAGGGGGAGG AA G GAAAAGAAGGAGGAAGGACAAAAGAAAAGGAGGAAACGGAGCCGGGA GAGAGAAAAAAAACAAACGGCGAAGGGGAAGGGGAAGGGGGGCCGGACGA CAGGAAGAAAAAGGAAGAAAAACCAGGGATGGAGGAAGGCGGGGGAGGCA AAGAGAAAAGGGGAAAAGACGAGAGGAGAGCACCGGCCGGAGAAAGAAAG AAAAAGAAAGAAAAAGCCAGAGAGACGAGGCAAGCCAAGGGGCCGGGGAG GGGGAAAAGAAAAAGGGGCCAAGAAGGACCAGAGGAAAGGAGAGGGAAGA GGGGGGAAGGAACCACGAAACAGAGGGGACGGGAAGCAGGAGACGGGCA GAGAGAAGAGAGGGGAGAGAGGGAAGGAAGAAGAGAGAGCCCCGGGACC AAGGCCAAGAAAAAAAGGCCGGTTGGACAGAAGACCCCAACCGGGAGGAA CCGGAGGGAGAAGAAGGGCCGGGGGAGGGGGAAAAGGGAAAAAAGGGGG GAAAAGGGGAAGGAAGGCCGGAAGGAAAAGGGGAAAACCAAGGGGCAGAG GGAAAAAGGAAGGGACAGGGAAAGGAAAAGGAGAAAGGGGGAAGGGGAA AAAAGGGGGAAAAGAAGGAGGGAAAGGAGACAGGAAAGGAAGACGCGGG GAAGGCCAAAAAAGAGGGGAAGAGAAAGAGAGGCCAAAGCCGGGAGGAAG GCCAAAGCACCGGAGAGAAGGAAGGGGGGGGAACCAAAAGGGGGGAGAA GGGGGGGAGGAAGGCCAAAAAACAAAGAGGAAAGAGCAGAACGAACAAAA GGGGAAAAGGGGAAGGTAGACCGGGGGGGACCAAGGGGCAGGGAGAGAA ACACAGGAGAGACGCACGGAAAAGGAAGGAGAAAAAGAGGGGGGAGGGGA AAGGGGAAAAAAGCAGAAGGAAGGGGAAGAAACAAGCGGAAGGAACCGGA AAAAAGGGGGGACGACAGGAAAAAAGGGAAGAGGGAGAGCCAGAAGGGG GGACGACCGGGAACAAGAGGGGAGGGGGAGAACACCGCAAAAGAAGACGG GGAGCAGGGAAAAAGGAAGGAAAAGGGGAACCGAAGGGGGAAGGAAGGA CAACCCCAGGGAGGGGGGGAAGGGGAGAGGAAGCCAGAGGGAAAACCAAG

GGGAAAAAAAAGAGAGAGAGGGAGGGAAAAAAAAAAAACAAAAAAAGGGC CAGGGGGGAAAGGCCAACCGGAAAGGGAAAAAAAAAACAGAGAAAGGAAA AAA $\operatorname{A}$ GAAAGGGGAGGAAGGGGCCAAGGAGAGGGGGGGAGGGGGGGAAGG AAAAAAAACCGGGCAGAAGGAAAAAGGCAGTTAAGAGGGGCAGAGGAAAG A GCCGAGGAAAAAAAACAGGAAAAAGGGGGGGAAGGCCGGAACCAGCCAA GGACAAGGAAGGAAAAAAAACCAGGGAAAGAAAAGGCAGGAACCCCGGAG CCAA G G G G G G G GCCAGAAGGGAGGAAAAAAACAGAAGGCCGGAGAGAGAA ACAGGGAAGAGAGAAAAAAAGAAAAGCACCGGGGAAGGCCCCGGGGAATT G G G G G G G G G G G G A A G G G G A A G G A A A A G G G G G A G GAAGGGGCCAAAAAAG AGGGGCCAACCGGCACGAAGGGAGGGGGGAAGGGGGGAGAGGAGAAGCA G G G G A G G A A A A A A A G GAGAGAACCGAATGAGACCACAAAGGGGAGGACGG AAAGAAAACGAACCAGAAAGCCGGGGCAAACAAAACAAGAAAGAGGGGCC AGGGGGCCCCCACCAGGAGAGAGGAACCGGGAAGAGGAAAGAAGAAGGAA CCGGAGGGAAAAAAAAAAAGAGGGCAAAGACCCCAGGAGAGGACGGAAAA CCAAGAATAAAACCAGAAAAAAGAAAGGAAGGCCGGGGAATAAAAAGGGG GGCAAGAGAAACGGAAACAAGAAGAAGAGAGGGGAGGGGGGGGAAAAAG GCCGGAGACCCAAGAAGCAAAAAAGGGCAATGGAGAAAAAGGAGGGGAAA GAGAGGGAAAACAAGAAGGGGAAAAGGGGAAAGAAGGGAGAGGGAAGGG G G GA GC GAGGGGAAGGGGCAGGGAAAGACCGGAAGGAGGAGAGGTTGGG GGGGGCAAAAAAGAAAGAAGGGGGGAAGAAGAGGGCCCCCAGGAAGAGAA AAATACCGAAACCGGGGGGAGGGAAAGACAGGGGGAACCGGAACCCCCCG GAAGAGAACAGAAGAAAGGAAGGGGAGAGAAAGCGCAGGACAACCAGAAG GAAGGAAGAGAGGAAGAAAACGGCCGGGAGGAAAAAGAGCCAGGAAACAC AGGGAAGAGAGAAGGCCAAAAGGAAGGAGGGAGGGGAGGGGAAGAAGAA CCGGGAGGAAACGAAGAGTACAGGGGGGACGGAAGAGGCCAGCCGGGGA GAGGAGGGGGGAAACGGGGGGGGGGGGGGAAAAAAGATTGACCGGAAGG AA G G A A G G ACGGAAAGAGAGGAAAAAAGAAAAGGCCGAAAGAAGGGGGGG GGAAAGAGGGACAACAAAGGGGAGCCGGAAGGGGCAGGAGAAGGCCGGA AGGAAAAAAAAAAGGAAAAAAAAAACCGGGGGGCCAAGGGGAAAAGGGGA AAAAAGGGGGGGGAACCGGAAAAGGAAAAGGGGAAGGGGAACCAAGGAAA A G G G GAA $\operatorname{A}$ GAAGGGGGGGGAAAAGGGGAAGGAAAACCGGAAGGAAGGGG AAAAAAAAAAGGGGGGAAGGAAAAAAGGGGAGGGGGGGACCAGGAAGGAA CCACAAGGAAGGGGGGGGGAAGAAAAAAGGTTAGAAGGAAGGAGACGGAA G GACAGGAAAGGAAAAAGGGGGAGGGAAAAAACCACAGGGGGGGCAAACC AAAAGGAAAGGAGGGGAGGAAGGGGAGAAGCCAAAAGAGACCCCGAGAGA CCAGCCGGAAAAGGAGGAAAGGAACAGAGGGGGGGGCCGAGGGAAGAAG GGGGGGGGGGAAAAAAAAAGGGGAGACGGAAACAAAGGAAGAGGGACAG G G G GAAA GCCGGGGGGAGGAAAAAAAGGAGGGCACAAAGGGGGATTAGA AAAGGAAGGGGCCAAAAAAAAAAGGGGAGGGAACAGAGGGGAGAGAGAAG ACAGGAAGAAAGGGGAAAGCCAAGGAGGAAGCCGAGAAAGGTAAGAAGAC CACAACCAACCAACCAAGGGGAATTAACCGGAAAAAAAAAAAAGGGGGGA AGGAAGGAAAACCGGGGAACCAAGGAACCAAGAGAGACCGAAGACGAAGA AGGCCAACCCAGGAAGGAAGGGGGAAAGGGAAAGGAAGGGGGGCAGAAG G GAAGGGAAAGGGGCCAAAGAAAAGAGAGAGAAAAAAGGACCGGAAGAAG CCAGAAACGGGGGGGAAGAAGGAGGAAGAAGGAAGGGGAAAAAAGAAAGA CCGGAAAAGGGGAAGGCCAAGGAAAAGGGAGAAGAAAAGAGGGGAGAAGG AAAAAAGGAAGAGGAACCAAAAAAGGAAGAAAAAAGAGGAGACGAAGGGG GGAGAGGAGGGAAGGGCCAAAAAGAAGACCAAAAAGAAAAAAAAAGAGAG G G G GAACCGAGGAGAAAAGAGGGACAAAGGAAAAAAGGGGGGGGGGAAA AAGGAGAGACACCGGAACCAAAACCAAAAAAGAGGAGAGGGCCAAGGAAA G G G A G G GAAAGAGGAGGAAGGAGAAAGGGACCCAGAGGAAAAAGGAAAG GGGGCCAAGGGGAAAAGGGGGGAACCGGAGGGGGAGAAGGCCGGAAGAG AAAAAAAGGAGGAGCAGGGCAGGGAGACAGGGGAAAGAGAGAAAGGAAAC CAAAAAA G G G G G G G GTAGAGGGGAAAAGGGGGAAAAAGGAAGGGGAGGA AGGAAGGAAGGAGAACGACCGGGGGAAGACAGGAGAAGGAAAGGGGAAAA GAAGGGAAAACCAAGGGGAAAAGGGGAAAAGGGGAACCAAGGGGGGAGG GGAAGGGAAGGAGGGAAAAGGCCAAGAGGGGAGACAGGGAGAGGAGGAA AAAAACACAAAAGGAGAGAGAGGAGGCAGGGGGGCCGGGGGGGGAAAAG GGGGGAGGGGGGAAAAAGGGGAAAAAGGGGGAAAAAGAGGAAGAAAGAG G G G G G GAAAACCCCGAGGGGGGAAACGAACAGGGGGGACCCCAAAAAAGG GAAAGGCCGAAAAGGGAAAAGGGGAGCCGAGGAGAGAACCGGCAGAACGA

G GACAAAAAAAGGGTTGGGGGAGGCCGGAGCCACGGAAAAGGACAAAAGA GACCAGGGGGGGCCAAGAAGGAAGGAGGAAGAGAAAACAAGAGAAGGAGG GGAAGAAGACGAAAGGGAGGGGGGAGAAACGGAAACAAGGGGGGAGGAA GCCAAGGAAGGGGAAGGGGGGCCAAGGGGGGAGGAGGGGGACCCCAGGG AACCGGGGGGGGAAGAACGAACAGGAAAAAGAAACACCGGACACGGGGAA G G G G G GCCGGCCAAAAGGGGCCAACCAAGAGGGAAACCGGGGACGAGAAA CCGGAAGAACAGCAACAGAGGAAAGGGGAAAGAGCCAGAAAGGGAAAGGG AA G GAA G GAAA $A$ A GAA G G G G G ATTGGGGGGAAGAAAAGGAAGAAAAGGG GAGAAGAGGACGAAGACGGGGAACCAACCGGGGGGAAGAGGCCAGAGGAA AGGGGAGGGAAAAAGGGGAAGAACAGAAGAAAGGACCGGGGAGACAGGG AAAGGGATGGCCGGAAACGGGGGGAAGGGGAAAAGGGGGGAAGGGGAAG GAAAAAGAAGAAGGGCCAAGGGGGGGGAAGGCACCAAAAAAGCCAAGGGC CAGCCGAAGGCAAAAAAGGCCAAAACCGAAGAAAAGGGGAAGGAAAAGAG GAGACTTGGAAGGAAGACAAAAAAAGGCCCAGGCCGGACAAAAGGAACCG GGGAAAAAAGAGGGAAAAAGAAAGAGGGGAGAAAGGGAAAAAAAAAAAAA GACGGAGAACCGAGGGAAGGAAAGGGAAAAGAACCCCCCGGAAACCCAGA GAGAAAGGGGGGGAGAAAAGAACAGAAAGAAAAAGAAAAAACCGGAAGGA AA $\operatorname{ACCAGGAGGAGAGGGAGGAGGGAGGGGACAGAAAGGGGAAAAAGGGA}$ GAAA $\ln \operatorname{G} \operatorname{GAA} \mathrm{A}$ GGGAAGAACGAAGGAGGGGAAGGGGGGGGACAAAGCCA AGGAAGGGGAACCGGAAAAGAAAGGGAAGGAAACCGGAAGAGAAGAAGGG G GAGGCCAGAAAGGGGGGAAGAAAAAGTAGAGGAGAGAAGGAGAACCAAA
 AGAACAGGAGAAGGAAGAAGGAGGAGAGGGGGGAGGGGGGAAAGAAGAA AAAAAGGGGGGGGAAAAAAGGAAAAAGGGGGAGCCAGGGAAGGGACCGG AGAAACAGGGGAAAAAAAGGGGGGCAAGGGAGAGGAGAGAAAAAAAGGAG GAGGCCGGAAAAGAGGGAGAGGGGGAGGGGAGACAAAAAGAGAAAAAAAA G GAAGGGGAAAAACAAGAGGAGGGAACACCGGGGGGGGAACCCCAGCCAG AAAGGAGAAGCCAAAAAGGGGGGGCCAACCGGAGGAGGAGAAGGAAAAAG GGGGAAGGGAAAAAGAGGGGGGGGAGAAAAAGAGGGGGAGAAAGAAAAA GAAAAGGGGGGAAGGAACCGGGAAGAGAAGGAAGGAAACGGAGGGGGGG GGGAGGCCAAGGCCGGGGAAGGACGGGAAGGAAGGAAGGGGGGGAAGAA AAGGGGGAAAAAGGAAATACCCAGAAAAAGGAGGGGGAAGGGGAGGGAAA AACCCCCAAAAAAGAAAGGCCGACCAAGGAAAGAAGGAGGGCCGAAGAGC C G G A G G G G G G G A AAAGGGGGAAAACGCGGAAAAAACAAGCAAAGGAAGGA A G G G G G G G G A A G G G GAGAGCCGGGGCCGGAGAACCGGAAAAAAAGTAAG AAAGGAGAAGAGACAGGAGGACAGCCAGAAAAGAAAGAAAGAGGCCAAAG AGAAGGCCGGAAAAGGCCAAGAGGAGGAAGAAAGGGGAGAAGGGCCGGAA
 AA G G GCCGGAAGGGGCCCCCCACGAAACCCCCCAAAAAAGGAAAAAAAAA A G G A G G GAA G G G G G GCCAACCAGACAAGAAGGAGGACGGGAGGAAGGCC GGAAGGCCTTAAAAGGGGCCGGCCAAAAAAAAAAGGGGAAGGAAAAGGAA AAAAAAAAACGGGGCCGGGAAAAAAAGGGGAGGGGGGGAGAGAGGGGAG GGGAACCAAGAAGACAAGGAAGGTAAAGGAAAGGAAGGGAAAAAAGGGGG GAAGGAAGGGGGGAACCAAAACCGATAACGGGGAAGAGGGAAAGAAGAGA AGGAAAATAGACCAAGGGGAGAATTACAGCAGGGAGAAACCCCGGGGGGA GGGAAAACACCGGAAGAACGACCAAGGGGAAGAGGTTACGAGGAAGGAAG AAGCAAAAAACGGGGGGACGGAAAAAACAGGAGGGAGGGGGGGAAGGCCA GCCAGGAAGGGCCAAGGAAGGCAAAGGAAAAGGAAGGGGAACCAGAAGGA GAAAGGCCCAAGGAAGAAAGAAGGAGAAAGAGGAGAGGGGGAAGGAAAAG GGAGGGAGACCGAAAGGGGGAGGGAGAAAGGGGGGATGGCCAGGGGGAA GAAAGGGGGGCCAAGGAAGGAAGAGAGGAGGGCCAGAAGGGAGAGAAGA GAGAACCGGGAAAGGAAGAGGAAAGGGCGGGAAAAATAGGGAACCGAAAG G GAAAAAAAGGTAACAAGAGAGGGAGGGGAAAACCGGGGCCGGAGGGTTA AAAAAGGAGCCAAACCAAGCAAAAAGGAAAAGAATGAAGGGGAATAACCG GAAGAAAGGGGAGAGAGGGAAAAGGAAGGGGGGGGAAAAAAAAAGAGGA AACCGGAAGGAGAGGAGAGGCCGGGGCCGGGGAAAAGGGGAACCGGGAA GAGAAGGGAACGGAAGGAAGGGGAAGGAGAAAAAAGGAGGGGGGGAAAG GAAAGAAAGGGGAGCCAGAAAAAACCAGGAACAGGGAAAAAGGGGGGAAA GGGGAAGGGAGGAAAGGGGAGGGGAAGGAAACAGAGAGAAAAAGAAAACA GAGAGGGGGAAGACAGAAGAACAGGAGGGGGGGGAGGGGGGACAAGGAG G G G G G G G G GCCAGCCGGAACCAGGAAGCCCCCCCCCGGGGGGGGGGGAC

AAAAAAGGGGGGAGGGGGAAAAGGGGGGCCAAACAAAACAAGGGGGAGA GGAAAGAACGACAGGAAGGCAAAAGAGCCGGGGAAAGAAAAGGAGAAAAG AAGGGGACCGGGAGGGGGGGGAAGGAAAGCCAAGAGGCCAGGGAAAGGG GGCCAGAAGGAGAAGAGGGGAAGGACGAGGGGAGGGGGGGCAGGGGGAA AGGTTCCACAAGGAAAAGGGGAAAAGGGGAACCAGAACCGAAACGAAACC C G A G A G A GAGGAGAAGAAAAAGGAAAAAAGGAAAAGGGGGAAGGAGGAAG GGGAACCCCAACAAGCCGAAAGGAGGGGGGGAAGGGGGGGGGAAGCCGA AACCAACCGGCAACAAAAGGAAGGAAGGGGGGCCGGGGAAGGAGAGCCGG AAAA G G G G G G G GAAGGAAGGAAGGGGGAACGGACAAGGGGGGAAGAGGA AGGAGAGGGAGACAGGGACAAAAGGGGAAGGAGCAAGAGGGGGCCGGAA AAGGGGAAGGAGGAACAGAGGAGGCCGGCAAGAAGGAAGGAAAAAAGACA GAGACAAAAAAGCCCGAGAAGACAGAAAGGGGGGAGAAAGGGGAGGCCGG ACAGGGAAAGAGAAGGAGGAAAAAGAGAGACCGGCCAGCCAAAAGGACAG CCAGGAAAAAGGGGGGAAGGAAGGAGGGAGAGGGGAAAGGGGGGAAAAG AGGAAGGCCAAAGAAAGAGAGGGGAGGGGAGGGGAGGAGGAGAAGAAAG GAGAAAAAAGGACACCGGGGGGGAGGAAGGGGAGGAGGAGAAAGAGGGG AGGAAGAGAAGGGAGAGAGGACCAAAGGGGGAGAGGGGGCCAAAAAAAAG GACAGGGAGCAGGGGAAAACAGAGGCAAAAGGAAGGGACAACCGGGAGGA ACAACGAGGGGAAGGCCAACAAGAAAAAAAAAGAAAAAGAGAAGGAAGGC CGGAAAGAAAGAGAGAAGGGGAACAAAAGGAGGAAAAAGAGAGAAAAGGC A G GAAA G G GAGGAAAGGGGGAAAAGCAGGGAGGGGCCCCCCGGGGCAGG AA GAGGCCAGAAGGGGGAAGAAAAACGGAGGAACAAGGAGAGGGAACCGA AGGGAAAAACGGAGGGGGAAAGCCGGAGAGAGAGGGAGAGGAGAAGAGG GAGGACCAAGAAGGGACAGAAAGAGAGACGGAGGAGAAGTTGGGGAGAAG GAAGGGGAACCGGAAGGGGGGAAAAAAAAAAGGAACCAAGGGGCCAACCA AGAAGGGAAAGCCGGAACCCCAGGAGGGAGGCCAGGGGAAGAGGAGGTTA A G G G G G GAAA $A$ AA $\operatorname{A} A A G G G G G T T G G G G A A A C A G G G G G C G A G A G A G A A A G$ AGGAGAGGGAGGAGAGACGGAAAGAAGGGAGGAGAGAACAGGAACCCCGA A G G G G GAGGGCCGGAGGGGGAGCCAGACAGAGAAGGGAAGAAAAGGGGA ACCGGAACAAAAGAAGGAAAACCGGAAGGAAGGGGAAAAAAGGAAGGGGA AACGGAAGGGAAGAAGAGGAGAGAAGAAGGGACGGGGAAAAAAAGGGAGA GAGAGGGGGGAGGGGAAGGGGCAAAAGAGGGAAAGAAGGACGAAAAGAG
 G G A G A GCAGACCGGGGGGGGACGAGGCCAAGGGGAAGGAACCAAGGGGG
 AAAAAAGGAAAAGGAAAAGGGGGGAACCGGAAGGGGCCAAAAGGAAGGGG
 AAAGGGGGGAAAACCGGCCAAAAGGGGAAGGAAAAGGGGGGCCAAGGAAG GGGAAGGAAAAGGGGGGGGGGCCGGAAGGAAAAGGGGAAGGAAGGCCAA AA G GAATTAAAAAAGGGGAAAAAAAAGGAAAAAATTGGGGGGGGGGGGAA CCTTCCGGAAAAGGAAGGGGAAAAAACCGGGGGGCCGGAAAAAAAAAAAA G G G GAA G G G G G GCCGGAAAAAAAACCAAGGGGGGAAGGAAAAGGGGAAA AGGGGAAGGGGAAGGAAGGGGGGAACCAACCCCGGAAGGGGGGAAAAAA CCAAAAAAGGAAAAAAGGGGGGGGAAAAAAGGGGGGAAGGGGGGAAGGC CAAGGGGGGAAGGAACCGGAACCAAGGCCGGAAAAGGAAAACCGGAAGGC CAACCGGCCAAAAGGAAGGAAAAAAGGAAGGAAAAAAGGAAAAGGCCGGC CGGGGGGAAAAAAGGAAGGAACCCCGGAAGGAAAAAAAAGGAAAAAAGGG GAAGGAAAAAAAAAAGGGGGGGGCCAAGGGGAAGGGGAACCAAAAGGGGA AAAAAAAGGGGCCGGGGGGGGAAGGCCAAAAAAAACCCCGGAAAACCAAT TAAAAAAAAAAGGGGGGGGGGGGAAGGAAGGGGAAGGAAGGAACCGGCC CCAA G G G G G G G G G G AAAAAAAAGGCCCCGGGGGGGGAAGGAAAAAAGGG GAAGGAAGGCCAACCAAGGAAGGGGAAGGAAAAAAGGGGAAAAAAAAAAG G G G G GAAAAGGAACCGGGGGGAAGGGAAAGGGGGAGACCGAGGAACCGA GGAAAACCGGAAAAGAAACGCGGGAAGAAAAAGAGAGAAGACAAAGAAGG AA $\operatorname{G}$ GAGCCGGGAAAAGAAGGAAGGAAGGAAGGGGAAGGGGAGAAGAGGA GAAA G G G A A G G G G G G A G G A GAGAAAAGGGGGAAGGCAAGCAGAACGGAA G GAA G G G GAACCAAGGGGAAAGAAGGAAAAAAGGCCAGAAGAAAGGGGCC AAGAAGAAAGACAACCACGAGAGGAAGGAAGGGGAAAAGGGGAACCGGCC AA $\operatorname{A} G \mathrm{G}$ GAAAGAGGGAAGAAGAAGGCCGGGGAAGGGGAAGGGGAAAAGAG AAAGGGGGGAGAGAGAGATGAAAACACAGCCGAGAAGCCAAGAAAAAAGG AGGAAAACAAAGGGAGGAAGGAGGGCGGAAGAAAAAGGGGGAGAGGGGA

G G G GACAGCCGGGGGGAGCCAAGGCCAGAACAGGAAAGGACAAAGGGGG AAAAGGGGAGGGGAAAAAAGGGGGGAAAGGGCAGGCCAGACGCCGAGAG G G G G G G A G G G A A A A G G G G G G A GAA $\operatorname{AGGGGGGAAGAGCCAAGGAACCAGA~}$ AAAGGAAAGGATTCACAGAGGGGGGGGAGAGAGGAAGGAGGAAACGAGG GGAAAAGGAAGGAGAAAATTCCAAGGGGAAACAAACAAGGAAAAGGGGCC AAAACCGAAGACACGGAGCAAGAAGGGGGAGGAGACGGGGGGGGAAAAAA AACCAGCCAAGAAGGGGGAAAGGGGGGGAGGAAAGAAAAGCCAAGGCCAA G GCGGAAGAAGGGGGGTACGCCAAAGGGAGAGGGCCCCCCACGAAGAGCA GAGAGGACAACAAAAGAGTTGGGGAAGGGGAAAAACAGCCGGGACCGGAA GGAGGAGGAAGGAAGGAAAGAGGGAGGGAGCCACAGAAAAGGGGAGGGA ACCCAGGAGGAAAAGCCAAGAAAAGCCAGAGGAAACCAACCAACCGGGGG ACCGAAGCCAGAGGGAGGGGGAGGAAAAGGGAAGGAGAAGGGGAAAAAAA AAAAAGGGGAACCAAAAGGAAAAAGGAGAGGTTACAGGGACCCAGAAGGA GCAGAAGGGAGCCGAGAGAAAAAAAAGGGGAGGAAGGAAAAAGAGAGAAG GGGAAAAGAGAAAAAGGGGGGGGAAAAAACCACGGAAGGGGAGGGAGGA GGGGGGGGGAAGGAGAAAGAAGGAAAAAGGGGAACAAGGAGGAGCCACA AGGAGACCAAAAAGAACGGGGGGAAAAAAGGAAAAAAAAGGAAAAAAGGA AGGAAAAAAAACCGAGGAGCAGGGGCCAAAAAGGAGGCAAGCACCAAGGG GAAACAGAAAGAGGGAGAGGGGGGGGAGACGCCAAGGGGAGCAGAGGGG AAAA $A$ G G G G G G G G G A A CCGGGACAGAGAGGATGAAAAAGGAGGGACACG GAAAAAAAGAAAAGAGGAAAGAAAGAAAAGGAAAAAAAAAACAAGAAAAG ACCAAAAGGCCGAAAGAAAGGCCCAACGGGGGGGGCCAGGAAAACAGGGA GAACCAAGACCGAGGAAAAGGAAGGAACCGGGGGGAAGAGGGGAAGGAGA AACGAGGACGAGGGAGGAAAAGGCAAGAGAAGGAAGGAAAAAAGGACGAA AGGAAAAGAAAGGGACCGGGGGGGAGGAAGGCCAAGGCCACAAGAAAGGG A G A G G G A A A CA $\operatorname{la}$ AC CAGGGCCAGGGGGGGGGGGGAAGGGGAAGGGAGCC ACGAAGGGGAGAGAAGAGAAAGAAAGGGAAGACCAGGGCCGGAAACGACC AAAGGGGGGGAGCAGAGGAGAAAAAAGGGAAAAAACGGGGGAGGAGAGA AA $\operatorname{A} A \mathrm{~A} A \mathrm{GAA} \mathrm{A}$ GGGAACCAAAGGGGGAAGGAGAGAGAAAGGGGGAAGAAA GGAAAAGAGGAGGAGAAAGGAGGAAAAGAGAGAGGAGAAGGGAAGGGGG GGGAGGGGGAGAGAGGAAAAAAAGGCCGGAGAAGAGAGGAAAAAGGGGA AAAGAGACAGGGAAAACCAGAAAGAAGGCCAAAAGGAAGGAAGGAAAGGG G G AA GAAAGAGAAAAGGGGGAGGGAAGGAACCGGGGCAAAAGGGAAAGA G G GAAA GAAGGGGGGACCAAAGGAGAACCGAGAACAGAAGGAAAGAAAAA G G G CCGAGAGGAAAAAAGGGGAAACAGGAGGGAGGGGGGAGGGCAAAAG CCGAAGGGAGGGAAAAAAGGAAAAGGAGGGAAAAGAGGGGCCGGCCGAG GAGAAAGAAGGGGAACCGACGAAAGGGGCGAAAAGAAAGAAGGTTAGAGC CAACAACGGAGAAAAGGAAGGGGGGGGGGAAAACCGGGGAAAAGGAACCA AGGAAGGAAGAAGGGCAAGAGAAAGAGGGAGAAGAATAGAAGAAAGAAAT AAGAGGGAGAAAGGAGGCCGGGGGGGGGGGGGAGGGGGACAAAAGAGCA GGTTCCAAGGAGACAAAGACAGGGGAGGGGAAGGGGAAAAAAGAGAAAGG AAAAAAAAGGCCAAGGAACAGGGGAGATAAAACAAAGGAAAGGGAGGGAA GAGGAGGGGAAAAAAACCGGAACCGGGGAAGGCCGGGGAAAAAAAAGGGG GGGGACAGAAGGCAAAGAAGAGAAAAAAAAAAGGGGGAAGAGAGAAAAAA A GAGGGAGGGGGGGAAGGGGAAGGAAAAATCAGGGGGGGAACGCAGAAA ACAGGGGGGGGGGGGGGGGAACCAAAAAACCAAGGAAAAGGAGCAAGCCA AA $\operatorname{A}$ GAACGGAAGGGAAGAAGGGGGGGGAAGGAGAGAGGGGAAAGAGGAA GAACCCGGGAGAGGAAAAAAAAGGAACCAATTGGAGGGAAAAAAAAGGCC GGGGACGAGAAAAAGGGGAAAAAAAAGGGGAAGGAAAAGGGGGGAAGGG GCCAAAAAAAAGACCGGAAAAGGAGGGGAAAAAGAGAAAAAGGGAGGGGA ACCAAGAGGGGGGAAAAGGGGGGAAAAAGGGGGAGGGAAGGCCAGGAGA G GAA $\ln$ GAGGGAGGAGAATGGGGGGAAGGAAAACCGAGAGAGAGACAGAA GGGGAGAGAAAAAAACCGACAAGGAAAGGGGGGAAGGAAGGAAGAAGGG GGGGAAAACAGGGAAAAAGGAGGGGGAGGGGAGGGGGAGAGGGAGAACG G G G A A G G A GAACCAAGAGGGGAAGGGAAGACGAAAAAAAAAGGACGGGAG AAGGAAACCAAGGCCAAGGAACCAAAAAGCCGGAGGGGCAAGGGAAGACA GGGCAACAAAGGAAAGGGGGGAGACAGAGAAGGACGAAAGGGGACAGAGA GACGGAAAGGAGGAGGAAGGAAGGGGGGAGGCAGAAGAACAGAGGAAAG G G G GAGGGGGGGGGAGAAAGAAGGAAGGAAGAGACCAAGAAGGGAGAGA GAAGGAAGGAAGGCCAAGGAAGGGGAGAGCCAAAGAAGGCAAACCAAAGG GGAAGCACACCAGAGAAGGAAAAAAGGAAAAAGGGCAAGGAGGAAACGAG

G G A A G G G G A A A A A A GACGAAGGAGGGGAAAAAAACGGGGGGAAAAAGAGG GGGGAGGAAGGAGGAACGAAAGGGAGAAAAAAGGGGAGGAGGGAGGAAG AAGGGGGAAAGAGGGAGGGAAAGAGGAAAACCTAGACCAAACAAGGAAGG CCAAAGAGAGAGGGGGGGCAGGGGAGAAGGAGGGCCGGGAAAGGAAAAC C GAA $\operatorname{l}$ G G G G G G G GCCAGAGAGAGAAAGGGAGGGGAAAGGGGACAAAAAA CAAA $\operatorname{A}$ GAAGGGGCCAAGGGGCGAAGGGGAAGAGGGGAAAAGAGAGAGGG G G G GAGGAAGGAACCAGGGAAAGGGGGGAGGACAAGACCACGAGGAAAG G G G GAAAAGGAGAAAAAGAAAAAAAGAAGGAACAAAACACGGAAAGGGAG GGAGACCAAAAAGAGGAGCAGAAAACCCAAGGGGAAACGGGAAAAGGGAG AACAAAAAGGGGGGAGAGAAGGAGCACCGGCAAGAACCAGGGGGGGGGAA GGGGAAGGGGAACAGGAAGAGAGGAGGGAGCCAGGGAGAAAAAGAGAAA A G G G G G G G G G G G GAAAAGGGGAGGGGAAAAAGGAAGAAGAAAAAAGGGG AACATAAGGGAAAAAAAAAAAAGAAAACGACAGGGGGAAGAAGGGAGGGA GGGGGGAAAACCAAAAGGGGAATTAGCGGGGGCCGAGGGGGGCCAAGAA ACCGGACAGGGGGGGCCGAGGAAGGGGAAAAAAAAAAGGAAAAAGGAAAG GGGCCAACCGGGAAAGAGAAGACGGAAGGAAGGAACCAAAAAAAGAAAAG GAGGGAAAAGGTTGGAACCGAGGAAAAGAGGCCACGAGGGAAAAAAACCG G G G G G G GAA G G G G G GAAGGAAAAAAACAAAAAAAAGGGGGGAGAAGAAA GGGGAAAACAGAAGACAAGAAGGAGAAACCGGGAAGGGAGCCAGGGAGAA AATTGGGGCCAAGGGGCAAAAACCGGCCGGAAGGAAAAAAAAAAAACCAA AA $\operatorname{l}$ GGAGGGGAGAGACGGAATTTAAAAAAGAGCCGGAAAGAGGGCATTGA
 A G G C GAGGGGGAGGAAACAAAGGGAAGGAAGAGGAAAGAGAAGGGAGGG G GAAAGACCAGGAGAAGGGCCGGAGAAAGGGAAAAAAAAAGAAGGGGACC CGGGAAGAAGGAACCAAAAGAGGCCCCGAAAAAAGAAAAAAAAAAAAAAG G G A GAAAAA GAAGAGAGGGAAAAGGGGTTCCGGAAGGAATTAACGGAGAC CAAGGGGAAAGGAAGAAAAAAGGAAGGGAGGAGGAGGGAACAGGACAGCG AAGGGCCAAAAAGAGAAAAGGCAAGAGGAAGAAAGAGGAAGGGCCGAAGA AGAAAGAAGGAAGGACCGGGGGGGGAAAAAAGGGAGGAAAAGGGAAGGG AAGGAGGAAAGGGGAAAAGGGGGGAACCAACCAGAGACGGCAGCGACCGG AGAAGAGGCGGGACGAGGGGAAAAAGGGGGCCCCAACAAGAAAACCGGAA AA $\operatorname{A} A A \operatorname{A} G \mathrm{G} G \mathrm{G} G \mathrm{GCCAAGGGAAGGAGGAAGAAGAAAAGGGGCCCCGAAAG}$ GGGAGAGGACCAAAAAAGAGAAAGAGGGAAAAAGAGAGGCCGGAGGGAGA A G G G A A A CAGGAAGGGGAACCAAAAGGGGGAGGGGGGAGGGGGCCGGAA GAGGAAAGAGAGGGAAGGACCCCAGGCCCAGGAAGGAAAGAGAAGGGGAA AGAAGAAGAATACACCAAAAACAAGGAGAAAAGAAAGGAAGAGGGGGGAA AGGAACCAGGGGGGCCAAAACCAAGGCCGGGGGGAAAAGGAACCAAGGCC AA $\operatorname{l}$ GAAAGGGGGAAACAGAAGGAAAGGAGGGGAGAGAGCCGGAGGGACG A GAAAAAGGGGGAAAGAAGAAAAATAAGGGGGGAAAAGGATCAGAAAGGA CCAAAGGAAGGAACCAACCTAAAGGAGGGCAAGAAAAAGGAACGGGGGGC CTTGGAAGAAGAAGCACAAAGAAAGTAAAAAGGGATTAAACAACCAAAAAA AA $\operatorname{G}$ GGGAAGGGGGACAAAGGGGAAGGAGAAAAGGGGGGGGGGGGACGGA A G G G G A G G A G A A A A GCCAGCAAAAAAAAAGGGGAGCCGGAAACAGAAGAA AGCAAGGGGAAGGAAAAAAAAAAAACAAAAAAAAAGGAAGAAACACCCAG GGGAAAAAAAAAAGAAACAAACCAAGGCCGGGAAGGATTAAGAGGAATAA AGGAGAAGAAGAAGAGGCCACGGGGAGAGGGCCGAAAGGGGGGAAGGCA GGGAAAAACCAGGGAGACACGAGGAAACGGAGGGAACCGGAGGCGAGGAG AAAAGAAGGGAGAGAGAGGAAGAGAAGACAAACCGAACAGAGCCAAGGGA TTGAGACCGAGGAGCCGGGGGGCCACAGGGAAGGAAGAAAGGAACCGGAA AGGAGGAAAGGAGAGGCCAGGAAAGGAAGGGGAAAGGAAAGGGGAAGGG GCCGGGAAGGAGAAAAGGAAGAAGAGGCCCAGGAAAAAAGGGGGAGAGAA GAAGGAGGACCGAGGGGAAAGGGGGAAGGAGAAGACAAAAAAAGGAAAAC CGGAGGGACGGGGGGAGAAGACAAGGGAAGGCGGGGGACAGGGAAACAA CCAGAGGAGGGAGGGAAGAAGAGGAAAGAACCGAAGAAGAGGGGAAGAAA AAAGACGGGGAGAAGAGAAACCCACCGGGGACAGGGGGAAAGGGGAAGGA CCGGGGAACAGAAGAAGAGACACAGAAGGAAGGGCACCAAGGAAACGGTA CCGGGGCCGGAGCCGAAAGGGGCCAAGGCCAGGAGGAAACAAGGAAACAG AA G GAGAGGGGAGATTCCGAGGAAAACAAAGAAATAAGGGAAAAGAGCGA AGAGAAAAGACCAGGGGGAAAAGGGGGACCAACCGGGGGAGGAGGGGAG AAACCCCAAGGAAAGAAGGAAAGGGGGGGAAGGAAGGAAGGAGGCAAGGA AGGAGGGAGCCGAGGGGAAAGCCAAAACGAAAAACGAGACCAGGGGGGAG

ACCGAGGGGACAAAACCAACCGGGGAGAGGGGAGAGAAAGGGGAAAAAAC CGGAAAAGGAAGAAGACAGGCAAAAGGGGAGAAAAAAGAGGGGGAGGGG G G G GAAAAGGCAAAAGGGCAAAAACCGGGAGAAGGAAAGAAAGAAAAAAA AAAAGGGGGGAAGAGGGGAGGAGGCCAAAAAAGGAAGGCCAAAAGGAAAA AGAGACACAGGGAAGGGGAACCAGAAGGCCGAGGGAAAGGAGGAGGGGA AAA G GAA G G G GCAGAAGAAGGCCAAGGAACCAGAAGGCCACGGAACCGGG GAAAAGGCCGGCCGAGGGAAGGGCCGGGGAAGGGAAGCCAAGGAGAAGA AAAAGGAAGGGGAAGACCGGAAAAAAGGAAAAGGAAAGCAGAAAAAAGGG CCAAGGGGACGAGGCACAGGAAAACCACATACCCCCAAAAAAAAGGAAGG G GAA $\ln$ GG GAAAAGGGGCAAGAAAAGGGGGAGCGAAGAGAGAAGGACAAG GAAAGCAAAGGCAGGAGCCAAAAAAAAGGAAAAAAGGGAAATTGAGGAGG GAAGGGAGGAGAAAGGAAAAGAAAAAAGGAAAAAAAAGGCACCAGGGAAA AGGAAAAAGGGAGAAGAGAGAAAAGGAAAGGAGAGACGGGGGGAAGGGG AAGGGGGAAGACAGAACCAACCAAAGAAAAAAGGAAAAAACCGGGGAAGG CCAGAGAGACAAAGGAGGAAGGGGAAAGCCGGAAAGAGAGAACCGGGGGG AAGAAACCGAGAGGCCAAGGAGGGGGGGAGAGAGCAAGTTGGAAGAGGG A G A A G G A GAA $\operatorname{A} A \operatorname{AGAACGGAGGGGAAAAAGGGAGGCCGGAGGAAGGGCC}$ G GAAAAAAGACACAGGAGAGGAAGAAAAAAGGAAAAGACAAAACGGGGGA GAGAAGAAAAGGAAGGGGAAGGGAGGAGAACCAAGGGGGGAAGGGAAAA GGAAGCAAAGGAAAGGGAGAAAAGGAGCCGAACAAGGAAGAGAAAAAGGG GAAAAAAAAAGGGGGGGAGAGGGGGGGGGAGGGGGGGGGAAAAAAAAGG AACCAAGGGGGGCCGGGGGGCCGGAAAAAAGGAAGGAAAGACAAAGAAGA AA G GAACCACGGGGAGGGAAGGAACCGGGGCCCCCCAATTGGAAGGGGGG AAAA $A \operatorname{GGGGGAAGGGAGCAAGGGGAGAGAAGGGGGGGGTTAACGCGGGG}$ GAAAAGGGGACAGGGAGAAGGGGAAGGAACCAAGGGGAGCGAGGGGGAA G G G G G G G G G A A A G A CAAA $A$ GCAGGGGAGGGAAAGAGCGAGAGGAGGAGA AACAAGGAAGGGAGGGAAAGGAAGGGGGGGGGGGGACAGAACCAGAAAA AAGGGAAAAGGAGGAAAAAAGGAACCCCAACATTCCGACCGGGGGAAAAA CAGGGGAGAAGGGGGGGAAAGGGGGGGGCCAAAAAAGGAAAAACGAAAA GGGCAAACAAAAAAGAAAAGAAAGGAGGGGGAAGAAAACGGACGATTAAA AAAAACCAAAAAGGGAGGAGGAAAAAAAACCAAACGAAGCCGAAAGGCCG GAAAAACAAGAAGGGAAAAAAAAAAGAAAAAAAAAGGAGAAAAGAGGAAG GAAAAGGACAAGGGGCCAAGGGAGAAGGGCCAAAGGGAAGGAGAGGAAG G G G GCCGGAAAA GAGGGGGGGGGAGGAAAAAGACAAAAGGGGAACCAAG G G G A A G G G GCCGAGGAAGGAAAACCGGAAGGAAAAGGGGAAGAGGAGAA GAGGCCAGGGGAAAGACCGGCAAAGGGGAAGAGGGGAGGATTCCGAAGG AAGGAATGAGAGGAACCAAAAAAGGAAAAGGAAGGGGAAGGAGGAAGAAG AGAGAGGAGACAAGGAGCCAAGACAGAAAGGGGAAGGCCAGAAAGACGGG CGGGGCAGGAAAAAACCAAAGAAAAGAGAGGAACCGGCCAGCCCACCCCA CGGAAGGCCAAGGGGGGGGAAAACCCCAAAAGGGGGGCCAAAAAAGGGGA A G GAACCAAGGGGTTGGGGGGAAAAAGGGGGAGAAGGCCGGAAAAAGGG GAGGCAGGGGGGAGACAGCCGGGAGAAAAGGAGGGGAGAATTGGGAGAG GAAGGAGGGCCAAAGGAGGCCAGAGAGGGAGGGGGCCCCAAGGAAGGAA GGCCGGCCGGAGACAGAACAGGGAAAAAGGGAGACCAAAGAAAAGGGGAC G G G G G GAGGGGGGGGGGAAGAAGGAACCGGGGAAAAAGAGCCAGAAAAG GAACAAGAAGAAAAGGCGGGGAGGAGGAAGGAGAGGAAGGGAGACGGAA GGCCACAGCCCCGGGGAGACGGGGAAGGCAGGAAGAAAGAGGCGAAAGAC G GAAAGGAGGGGGACAAGAGGACCGGGGCCAGAAGGAGGAGGAAAGAGA AAACCAAAGACACAAAAAAGGAAAAGGCCAGGGGGGAGACCGGGAGGGGA AAAAGACGGAAGAAAGGGAAGAGCCGGGAAAGGGACAAGAGGAGGAAGGA GACAAGGGGGAAAGAAAGGGGGAAGAAACGGAAAAAAAAAAGGAGGGAAG GGAACGGAAACAAGGAAGGGGAAGAGGGGAGAAAGAGAGGGGGAGGGGG G GCCGAAAAGGGGGGGAGGGAGAGAGGGGGGGGGAAGGAAGAAAGGGGG GAAACAGGAAACGAAAAAACCAAGGAAAACCGGGGAAGGGACGAGGAGGA GGGAACCAAAAGGAAAAGGGGAAGGCCGGGGAAAGGGGGGGGAAGAAGG AA G G G G G GGGAAGGAAGGAACCAACCAAAACCGGAAAAGGAAAAGGGGGG AAAAGAGGAACCGGTTGAGGGGGGGGAAAGGGACACGGGGGGAAAGAGG GAACCAGAGGGAGGGAGGGGGGGGGAAGGAACCGAGGGGGACGAAAAAC AGACAAAAGGGGAAAGGAACGAAAGAGGACAGAAAAAGGAAAGGCAAAAA AAGGAGGGAGTTAGGGGGAAAGGGATAAACGGGGAACCGGGAAAAAGGG AAAAGAAGGGGGGAAGGGGAAAGCCCCAGAGCAAACAAAGAGAGAAGACG

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 G G A G ACGGAAGGAGGGGAAGATAAGCAGGGCCGAAAACAGGGCAGAGAGA AA $\operatorname{l}$ GGAGGGGGGAAAAGGGGGGGACCAGCCAAAGGAGGAGAAAAAAGGA A G AAAAGAGGCAAGAAGGGGGAAAAAAAGGGAAGGAGAGCCGAGGGGGG AACCAGAGGGGAGGAAGGGGGGGGGGAGGGAACAAAGGAAAAAAGGAGG GGAGGAAAACCACGAAAACAGAAAGCCCCGGAAAAAACCAAAGAAGAGAG GGGGGCCAAGAGGGGAGGGGGCCCAGACAGGACGGAAAAGGCCGGAGGA CAGACCGGGGAAGGCCAGAAGAGGAAGGAAAAAGAAAAAGAGAGGGGAGG GGGGAGCAAGAAAAAAGGGGGGGAGGAACAAGGGAAAGGGGGGGATAAA AAAGGACGGGGAGAAAAGGGGAGCAGGGGGAAACCGAGGGGGGAAGACC G GAA G GCAAATTGGGGAAGGGGACAGCACAAAAAACGGCCAAAAAAGAGG GGGAAAAGGGAACAGAAAGAAGAGGAGAGGAGGAGGGGACAGGAAAGGG A G G A G GACAGAGGGGAAAGATGGAGGGAGAGAAGAAGCCCAAGAAGAAAG G G G AAAAGGAAGGAACAGGGGAACAAAAAAAAAGGAAGAAGAAGGAGGGG G GAAAAAAAAAGGAACCAAGGGGAAAACACCGGGGAGAGAAAAGGAAGGG GCCAAGGAAAAGGGAGAGAAAAGAAAAGGGAAAAAAGCCGGAAGAGAAAG GGGAAAAAGGGAAAGAGGGGAAGAGAAACGAGGGAAGCCAAACAGACAGG GAAAAGGAACCGAGGGGGGGGTTAACGAAAGCAGAGAACGAAGAGGGAGG G G G A G G G CAAAGGGGAAAGGAGGAAAAAAAAAAAAAGGAAGGAAGGGGGG GGCAAAGGAGAACCGGCCGGCCGGGGAGACCCAGAGGGGGACAGAGGAG GAAGGGGGAAGGAAAAACCAGCCGGAAACGGAGAGAAGAGGGGAAAAGGG GAGAGAGGATTAAAAAAGGCCGGAGGGCCGGGGGGCCGGCCGGGGGAGG AACCAGAAAAAGGGAGGAAAGGGGAGAGAAGCAGGAGAAGGGAGGGGGG GAAGAAAGAGAGGAACCAAGGAAAAAAGGGGGGGGAAAAGGAAGGGGAG GGCCGGGAATAAGAAAAAGAAGAACCGGCCGGGACAAAAAAGAAGGCAAA GGGAAAAGACAAGGGAGAGGAAGGAGGAAACCGGGGACCAGAAGAAGCCC CAAGCAGGCCCCGGGGAGGGGAGGCCAAGGAAGGGGCACAAGAAGGAAG G G G G G AA G GCCGAGGGGACCAAACCGGGGAAGGAAAAAACCGGAAGGCCA AGGCCGGAAAAGGAGGAAAGGCCGGAAAACCCAAGGGAGGGGGGAGCCCA G GACCCCAACCGGGAAAAAGGGGGGAAGGGGAAAGGGGAAACCGGGGAG G G G A G GCCGAAAAAGGGGAAAAGGGGAAGGAAAAGGGAGAGACCGAGAAA CCGGAAAAAAGGAAAAGGGGACGGAAAAGGGGGGGGGGGGGGGGAATAGG AGGGGGGAGAACCCGAGGAAGGAGGAGGAACAGGGAGGGGGCACACCAA G GAAAAGAAGAAGGGGGGAGAAGGGAAAAAGGGGGAAAAGAAGGGAGGT TAAGGCCAGAAGGAGGGGAGAAAGGCCGGGGCCAAGGGAGGGAAGAGGA AA $\operatorname{la}$ AGGAAGAAGGGAAAAGGGAAGGAAGAAAAAAAAGAACCCGGGGAAAA GAAAACCCAAGGCCAAGGTTAAGAGAGAGAACGGGAAGAAAAAAAAAGGA CAAAGGGGGGAAAGAGCAAGAGACAGGGACAAAAAAAAAAGGAACCAGAA GGAAAAAAGGGGAGAGGGGGAGCACCAAGAAAAGAAGGAAGAGACAGGAG

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A G G G GCCGGTTGGGGGGAAGGGGAACCAACCAAAAAAAAAACCCCAAAAA ATTGGGGAAAAAAAAAAAAAAGGAAGGCCCCAAAAGGAAAAGGGGGGAAA AGGAAGGAAAAAACCAAAAGGAAGGAAGGCCGGAAAAGGAAGGAACCGGA AAACCAAGGGGGGAAGGAAGGGGGGGGAAGGGGCCAAGGTTGGAAAAAA AACCAAAAAAGGAAGGAAAACCAAAAAAGGGGGGGGAAAAGGAAAACCAA CCGGTTAAAAAACCGGAAAAAAGGAACCAAAAGGGGGGAAAAAAGGAAAA G G G G A A G G G G G G G GCCGGGGAAGGGGGGCCAAAAAAAATTGGAAGGAAA A G G AAAAGGAAAAAAAACCGGGGGGGGAAAACCGGGGAGAAAACCAAGGA AGGAAAAAAAACCCCGGGGGGGGAAGGAACCAAAAGGAAAAAAAAGGCCC CAAAACCGGGGCCGGCCCCAACCGGAACCGGAGGGGAAACCGGAACCGGG G G GAGGGGGGAGGGAGGCGGAAGGGAAGGGGCCGGAAAACCAGTAGAAC G GCCGGGAGGGGAAGGAAAGGGAGAGAGACAGGGAAAAAAGAAAAAAAAG AGCAAAGAAGAAAAAAGGGGGGAAGGGGAAGGCCGGGGGGAAAAAAAGCC AAAAAAAGCCGAGGGCAGGACGAAGGGGGGAAAAGGAGAGGGAGCCGGG GAAAAAGAAAAAACCAAAAGGGGCCGGGGAAGGAAAAATGAAAAACCGGG AGAAAGAGAGGCAAAGAGAAAAAGGAAAACAAACAAAAGAAGGAAAAGGA ACCCCGAAGGACCAACCAAGGGAAAACAGAAAGACGGCAAAAAGGCCAAG GAACCGGCCGGAAGGAAAACCAAAAGGCCGGAAGGGGGGAAGGGGAAGG G GAA G GAAAAGGGGAAAAGACAAAAACCAAGGAAGGCCGGGGACGGAAGG G G G G G A G GCCGGAGAAGGAACCAAAAAAACGAAAGAGAGAAGGGAGCCAG AAGACAAGGAAGGGAATTGGAAAACCCCGGCCAAGGGGGGAAAAAAGGGA AAAAGAAAAAAAGAGAAGAGTTAAGAAAAGGAAAGGGGGAGAAGGGAAGG CCAGGAGAGGGGGGGGGACCGGAAACGGCCGGTAGGGAGGCCGGAAGGA AACGGGAAAGGAGAGGGAGGAGAGGACAGGGGAGGAAAAAAGAAAAAGG GAATAAGAAAAAGGGGGGAAAAAAACTTGGGAACGGAAGAAAAAAAGAGG GGCCCCGGTTGGAAAAAAAAGGGGCCAAAGGAGAGGAGCGGCGGGGGGG GGGGGAAAAAGGAACAAAATTAAGGAGAAGAGGAAGGGAAAGGGGAAAGA AATGGAAAAAAGGAAGACCGGAGGGAAGGGGGGGGGAACAGAGAACCAAA GCCGAGGCCGACCAAAGGGCAGGGGAACACAGAGGGGGAGGGGGGAGGG AAAAAGGGAAAAGGAAGGAAAAAAGGAAGAAAAGGGCCCAAGGGAAAAAG CCGAGGCCAAAAGGCCGGGAAATTGGAGCGAAGGCAAAAAACAACACCAA GGGGAACGAGAACCAATTAAAACCGGAAAAAAGGGGAAAAGGGGAAAAGG G G G G G G CCGGGGGGAAGGAAAAGGAAGGAAAAAAGGGGAAGGGGAAAAG GAAAACCAAGGAGAGAACACCGGGGCCAGAAAGAGGAGGGGGGGAAAAAG GAAAAGGAAGGCAAGGAAGACGGGGGGTTCAAGAAGGGGGGCGAAGGGA GGGAAACGCCAAGGGGAGGGAAGAGAAAAAGGGGGCGGCAAGAAGGGGG GCCAAAGGGGGAAAAGGGGGGAGGAGGGACCGGGGAAGAAGGGAAAAAA CCAGAAAAGGAGAAGGAAGGAACCGGGGCCAAGGAAAAGGGGAAGGGGAA AAAAAGAGGGGAAGCACAAGGGGCAGGGAAGGGGAAGGGGAGGAGACCC CCAAGAGGAAGAGACAAAGAAAAAGAGGAAAAGTTCCAGCCGGGGGGAAG GACGGAAGGGGGAGGGGAAAAAGAGAAGAAGAGACGGAAGGGGAAAAAA G G G A G A G A G G A G A CAAAAAAATGGGGAAAAGGAAGGAAGGGGAAAAAGAA GGGGGGCGAGCCTTGAGGGGGGGGAGAAGGGAGACCGGAGGGCCGGAAC CAGGAGAGAAAAAAAGAGGCCGAGAACAAGAAAAAGGAATTACCAGGAAC GAAACAGAAGGAACCAGGAGGGGCCAAGGAAGGGGAAGAGAGAAAACTTG AGGAAAGAAAGAGGGAGGGGGAAAGAACCAAAAGGAAGAGACCCCAAAAG GAGGAAAAAAAAACAAAAAAAGGGACAGAGGAACAGGGAAAGGAGGACCA AGGAAAGGGAGAGGAGAAGGGGAAAAAAAGGAGAAGGGAACGAGGGACC G G A G G GCCAGCCAGGGGAGGGGCCGGCCGAACGAAAGAGGCCAGGGGGG GAACCAAAGCCAAAGGCAAAAGGAAAAAGCCGAGAGGAAAACCGGGGAGA AAA A A A GAGGGAAGGGAAAGGAAGGGGGAGAGGGGGGGGGGAGGAGGAA AGACGACCGGGGAGGGAGAACCAAGGAGGAAAGGGCAGGGCAAGAGAACC G GAAAAAAGGGGAGAAGAACCCCCGGAACAAAAAAGGGAAGAGGAGAAGG AAGGAGAGGAGGAACCAGGACCAGAGGGGAGAAGAGAAAAGGAAAAGGGG AAAAAAGGGGGGGGCCAAGGAAGGGGGGGAAAGGAGAGGAAGAAGAGGA AAAAAAAGGGGAAAAAAAAAAACCCAAGGGGGAGGAGAGAAAAGGCCAAG GGGGAGGGGAAGAAAGGGGGGAAGGAGGGAAAAAGAAGACCGAAAGAAA AAAGCCAGGAAAAGGGACGGAGGAAAAGAAGGAAGACCAGGGGGAAGAGA GGGGACAAGAGGACGAGAAGGGGAGAAAAAGGCCAGAAGGGAGGGGGGG GAGACAGAAAGGGAAGGAGGGAAGGGGAAGGAGGGCCAAAAGAAAGAAAA AAAGACCAAAAAGCAGGGAAGGGGAACACGGAAAAGGAAAGACGAGACCA

AGGAGGACCGGACAGGGAAGAAGACGGGAGGCCGGGAGGAAAACCGGGG GGAAAAAAGAAGTTAAAAGAAAGGGAAGCCAAGGAAAAGGAACCCCGGAA GAGGAAGGGGGGAAGGAACCGAAAGAAGAAAGGGAAAAGAGGGAGGAGG AA G G G G GCAGAGGGGGGAAGGGGCAGGAAGGGAAAGGAGAGAGAAAAAA CCGGCCGGAAGGGGGGGGAAGGGGAAAAGGGGGGGGGGAAGGCCGGTTG GAAACGGGAGAGAAGGAAAGGGGAAGAAGAAAAGGAAGACACAAACAGGA AA $\ln A \operatorname{GAGAAAAAAGGAAAGGGGGGGGGGGAGAGCCAGCCGCAAAAAAAGA}$ GAAAGAAGGAGAGAAGAAAAAAGGGGGGACCGGGGAAGGGGAAGAAACCA AAAGGAAAAAAAAAAAAAAAACAGGAAGGAAAGAGGGGGAAGGGGGAGGG GGGAAAGCGAGGGCCAAAAACAAAGAAGGAAGAAGGAAAAGAACCGAAGA CAAAAAAGGAAGAGGAACAAAAAGGAAGAAAGGGGAAGAGGAAGAGAAAG GGGAACCGGCCGAGGACAGACGGGAGGAAAGGGGAGAGAAGGAAGAGAA CCAAAGGGAAAAAACCCAAAGAGGGGAACAAGAGCCAAAAAAGAGAAAAG AAAGAGGGACACGGGAAAGGGGGGAAGGGGAGACAGGAAAAAAGAAGGG AGGAACAGGAAGGGGAGGAAAAGGGAAGAAGAAAGAAGAAAAAAAAGCAA G GAAAAGGGGGACGGAGGGACAGCAGGCAACAAAAGGAACCAAAAAAGGG G G G A A G G G G G GAAAACCACGGGAGGGGGGGAAAAACCATAAGGCCGAGG G G G GACAAGGAAGAAAAAGAGGGAGGGGAAAAGGGGAAGGAAGAGGGGA A G G A A A A A GAGAAGGGGGGGGGGGGGGAAAAGGAAAAGGGGGGGGAACC AAAAGGAACCAAAAGAACAGAGAAGAAAAAAAAAGGAAAAGAAGAGAAAC AAAAAAGGCAAGAAAAAAGGGGAAAAGGAAGGAAAAAAGAAGGGCAGGGG AAAAAAGGGAGGAAAAAAGAGAAAAGGAAAGGAGAGGGATGACCAACCGC CCAAGAAGGGAGGGGGAAAAAAAAGGGGGAGGAAGGCCCCGAAACCAGGA AGGGAAGGAAAAAGGGAAAGAGAGAGAGAGAAAAGGAAAAAAAACCGGGG CCGGAAAACCAAAAGGCCCCCCAACCGGGGAAAAAAAAGGAGGGACAAAA AA G GAAGGAAAAGGGAGGAAGGCCGGGAGGAGGGGGAGAGGAAAGGAAG AAAAGAAAAGGAAGGAAGGGAAGGGAAAAAAAAGAGGAACCCCAAAAAGA AGGAAGGGGGGGGGGGGCCAGAAAAAGGGCCAAAAGGAACCGGGGGGAG GGAAAAAGGGACGAAAGGAAGAGACAGAGGAAAAGGGAAAAAGGAAAAGG AAGGGGAAGAGGAGGGGAGAGAGGCCAAGGAAGGAAGGGGAAGAGGGGG GGGGGAAGGGGAAAAGAAGAGAAAGGAAGGAAGGCAGAAGGAAAACAAAG GAAGAGAAGGACCAAGGAAGGGGGGGGGGGGGGAGGAGGATGAGGACGG G G G G G G G G G GAACCAAAAGGAAGGAAGGAAGGCCGGAAAAGGGGGGAAA AAAGGGGCCAACCCCGGAAGGGGAAGGAAAAAAAACCAAGGGGGGAAAAT TGGAAGGAAGGAAGAAGAGAGGAAGGGGGACAAGAGGAGAAGGAGGGGG G G G G G G G G G G G G A GAAAAAGCCGAGGGACAAGAAAGAGGGAAAGGAGGA AA $A$ AGGGGGAGGACCAGCAGGGAAAGGGGAAGGAAGGGGAGAGATGAGG AAAAACAAGAAAGGGGAAAGAGGAAGGAGGAAGAAAGGGAAAAGAAAGAA AGAAAAATAATTGGCAAGAAAACAAAGAGAGAAAAGAGGGGGGGAGGAGA AAAGGGGGGGAGGACAAAAAAGCAGGGGCCGGAACCGGGGTTCAAGGGAA AACCAAGACCAGGGGGAAAAAAAGAAAGGAGACAAGAAAGAAGGAGAAGG CCCCAACCAAAAGGAAGGAAAAGGAAGAAAAGAAGGGAAGCACAGGGGAA TTAACCGAACGGGACCAGGAGAAAGGGGCAGGAGCAAGGAAGCCAGAGGG GAAAACAACCGGGGGGGGAAAGGAAAAGGGGGGGAAGGAAAAATGGGGG GAAAGGAAGAGGGAGGAAAAGAAAAGGAAAAGGGGCCCCAACCAAAAGGA GAAAGAGGGAAGGGAAAAAAAAAGGAACCGGAAAACCCCAAACAGGGAAA AAAAAAAGGAAAACCGGGGAGAAGAAGGCGGACGGAAAACCGGGGGGAAA AGGGAAAAAGGGGAAAAGGGGGAGGAAGAGGAAGGAGAGGAACAGGGAA AAAAGGAAGGCCGGAAGGAAGGGAAGGGGGAAGAAAGGATAAAAAGAGCC A GAGGGAAGGGGAAGAGAAAAGCCGGGAAGGAGGAAAGCGGGAAAACCCC
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G G G G AA G GAAGGGGAACCAAGGAAAAGGGGAAAAGGGGAAAAAAAAAAAA AAGGAAAAGGAATTGGGGCCAACCAAAAAAAAAAAAAAGGAAAAGGGGGG G G G G G G G G CCAAAAAAGGGGAAAACCAAAAAA G G G GAAAAAAAAAGGGGGG AAAAAAGGGGAAAAAAAACCGGAAAAAAGGGGGGAGGGAAAAGGGGAGGG GGAAAAGGAAAAAAGAAAGGGGGGCCGGAACCGGAACCAAGAAGGGGAGA TTCACCCCGGGACCAAAAGGAAAAAAGAATCCCCGAGGAAAGGAACTTGG G G G GAA G GAAAAAAAAAGGACCAAGGAAAGGGGAGAGAGAGACCGGGGCA A G G G GAGGAGGAAGCCAGGGGAAAGGAGAAAAACACAACAAAAGGAAGAA AGAAAGAGGACAAGGAAAAAAAACCCCACAAGCAGGAAAGGGGGCCAAAG GAGGGCGGCAGGGGGGGGGGAAAAGGAAAGGACCAAGGCCAGAGGACCA GCACACCAACCGAGGCCAGAAAAGAAGAAGAACGGAGAGAAACAAAAGAT AAAGGGGGGAGGAAAGGGGCCAGAAAAGAAAGGAGAACCGGAAGGCCAAG GGGGGATAGAGAAGGGAAAAGGGAGGGGAGGAAGGGGAAGGGGCCGAAA GGAAGGGGGGGAAAAAAAAAAAGAAACACAAAGGGGAAAGGGGGAAGGGG AAAAAAAAGAGGGGAACAAAGGAAGGAACCAAAAGGCCCAGGAAGAGAAG G GAGAAAGGAAAGGAGGAGAGAGGAGCCGAAAAGAAAAGGAAAAAAGGGG AGGAAAGGAGGAAAGAGGGGCAGAGAAGCAGAAGACCCGGGGGGAGACG GCCAAGACCGGGAACCCCAGACCGGAGGGGGTTAGGACCGGGGGAAAACG GGAGGGAAGAGAGCAGAAGGAAGAGAGAAGAGAAGAGGGGAGAAGAGAG ATGAGAACGGAAAGGGGGAAGGGGGAGAAAAGAAGAAGACAACCGGAAGG G G G G ACAAAAGGAGGATTGAGGGAGGAGGACAAAAAAAGAAGGGCAAAGG CCAAGGGGGGAAGGGAGGGGCCAAAGACGGAAAGAGGATAGGGGAAGGG GAAGAAAAGGGAAAAAATTAAAAAGAGAAGGAGGAGGAAGGGGAAGGCAA CGGGGGACCCCAAAAGAAAAAAAGAACGGGGGAGAGGAAAAAAGGAAAGG AAAGGGAAAAAAAAAAGAAAAAGGGGGAAAAAAGGGGGGCAGAAGAGAGG AAAAGAAAGAGGGAAAGAGAAAAGGCCAAAAAAGGGGAAAAATGGGGGAG GAGAAGGAAAAAAGGAAAAGGGGAAGGGGGAACGGAAAAAAGGCCGGGG GGAAAACCCCTTGGAAGGGGAAAATTAAGGGGAAGGGGAAGGCCGGGGGG GGCCGGAAAAGGAAAACCGGAAGGGGAACCGGGGGGCCGGGGAAAAAACC AAGGGGAAGGCCAACCGGCCGGAAAAAAAAAAGGGGAAAAAAGGGGAAAA GGAAAACAAAGGGGCAGAGGAAAAGGGGGGAGAAGGGAACGGAAAAGGAA GGCCAGAAAGGAAGAAGGAAGGAAAAGGAAGGGAGGAGGAGAGGACCCAG AAGGAAAACCAAAAAAGGGGGGGGGGAAAAGGAACCAAGGAAGGAACCGG AAAACCAAGGAAGGAAAACCCCGGGGCCGGCCAAAAAAGGGGAACCAAGG GGGGAAGGGGAAAAGGAAAAGGAAAGGGAAACAGAGGGAAGGGGGGAAA AAAGGAAAAAAGGAAGGAAACGAGAGAGGGGAGGGAAAAAAAAAAAAGGG GAAAAAAAACCAAGGCCAAGGGGGGAAGGAAGGAAGGAAAAAAGGAACCG GAAGGGGGAACAAGGACAAAGGAAACAGGACAGGAACGAGAAGGGAAAGA CGAAAAAAACCGGGAGGGGGGGGGGGGAAAAAAGGAAGGAAAACCAAAAA GAAAAAAGGGGGGAAGAAAGAGGAAAAGGGGGGGGAAGGAGGGAAACCC AAACGGAAGGTAGGACAAAAAAAAGGGAAAAAAACCGGAGAAAAAAGGAA GACACCAGCCAAAAGGAAAGGGAGGAAAAGGGGGAACCACGGCCAAAGAA A G A A G G G G G GCCAGGGAAGACCAACCAGGGGAAACCAAAAGGGACCCCGG AGAGGAAAGGGAAAGGAAGGAAAAGGCCGGAAAAAACCGGAAGGGGGGG G G G A G G G G G G G G G G G A A G A CA 1 A A A G GAGGGAAAGGAAAGGGCCGGGAAG CCCCGGCCGGCCGGGGGGGGAAAGAGGAAAAAAGAGACGGGGAAGGAACC GGAAAGAACCCCGAGGAAGGACCCAAAAGAAAGGCAGGAAACAAGGGGGG GGGGGAGGGGAAAACCAGGAGGAGGGAGAGAGGAAAAACACAGGAGAAG GAAGGGGGAAAAGAGAAGGGGAAGGGGGGGGAGAGGAAAGAAGAAGGAA GAAGGAAAGGAAAAAAAAGGCCAGGAGGGAAGAAGAAAGGAGAGAGAGAG G G A G G GAGGGGAAGGGAAGGGGGAAGGAGGAAGAGGGGAAAGGGGGGGG GAAAAGAAACCAGGAAGGAAGCCAGGAAACCGGGGCCGGAGGAAGGGCGA G G G G G A A A GAACCGGGAGGAGAGGGCCAGAAGAAAGAGGGGAGGAGGAA GGCAGAGAAAGGGGAAAGAGGGAAAAGACCCCACGGCCCAACGGGGAACC AA $\operatorname{G} \operatorname{GGGTTGGGGAGGGAGAAAGGAAAAAGACAGGGAAGTTGAGGGAGGG}$ GGGAGAGAGAAGGCAAGACAAGAGGGGCCGGAGGGAAAACCAAGGGGGG AA G GAAAAAGGGGGGAAGCCAGGGCCAAGGAGGAAGAACCAAGACCACCC AACAAACAACAAAAGGAAAAGGAAAGGGAAAAGGGGACAGAGAACCAAGG A G G A G GAGAGAGGGGGACGAAACCGGGAAGGACCACAGAAGGAAGGAACC AACCCAGGGAAAAGGAAGAGGAGGAAGGCCGGCAAAGGGGAAAAAACAAG G G ACGGCCAGAAGGAGCCGAGGGGGCAACCGGGGAGAAAAGGAACAGGAC

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 GAGAGGAGGGAGGGGCCGAAGAGGGAAGGGGAAGGAGGGCCAGAAAAGG G G G G G GAAGGAAAAGGAAGGGAAGCCAAGGAAAAAAAAGGGGAAGAAGAA AA GCCAACCACCGGAAGGGAGGAAAAAAGGGGAACCAAAAAAGGGGAAGG G GAAAAAAGGCCGGAGCCGGAAAAGGGGCCAAGGCCGGAAGGGGGGCCG GAGAAACGAAAAGGGAAGGAAACAAAGAGGAGGGGGGGGAAGGAAACGG GAGAGGACGGAGCAGAAGGGGGGGAGGGAAAAGGAAGAAGGAGGAAGGA AAAGAGGGGAGGAGAGAGGAAGGGACAAGCCAGAAAACAGGAGATGGAAA AGGAGGAAGTTCCCCAAGAGGACAGAGAAGGGAGAAGCAAGACAAACCAG AGGGGAAAAGGAGGAGAAGCCAGAGAAAAAAGGGAAGAAGAGGAAGGGG GAGGGGAAAAAAAAAGGGAAGGCCGGCCAGGGAGAGAGAAAGGGAGAAAA TTCCGAAAGGAAAAGGGGGGGGAGGGAAACGGGGGGGGGGGGAAAAAAA AGGAAGGAGCAACAGGGAACCACAGGAAGAAAACCAAAGAAGGGAGAGAA ACCGGACAGAAGAGGACCCCCAAGGAAAAGGAAAGACAAGGGGAGCCAAA AGGAAGAAAAAAAGGACAGGGAGAAAGCCAAAAGGGGCCAAGGGGGGAAG GAGGAAGGAGAGAGGGGGGGGGGACAGGAAGGGGGAAAGGGGAAAAAGG GAACAGAGGGGAAGAGGGGGAAGGCAAGAGGAGGCCAAGGAAGAAGAGG GAAGGCCAGAAGGGGGGAGGGGGAAAAGAGGAAAGGGGGAAAACAAGGA AA G G A A G G GAAGAGAGGGAAACGGAAGGAAAGAAGATTGGGGAAAGAGAG GAGGAAGGAGGGAACCAAGAGGGGCCGGGGGGGAAAGGAGCCGGGGCCG GGGACCCAAAAGGGGGAGGAGAGGGAGAAAAGGGAGAGGAAGAAGAGAG GAAGGAAGAAAATTCCAAAAAAGGCCAACCAAGAGAAAGGAGGGAAGGAA G G G G G GCCGGGGAGTAGGAAAAGGAACCAAGAAGGGGAAAGAGGAAGGG AAAAGAGGGAGGAAAGGAACCAAAGGAACGACCGGGGAACCAAAGAGAGG GCCGAGAAGAGAGAGGGGGGGCCGAAGAGAAAGGAAGACGACAGGGGAA GGAAAAGAGGAAGAAACCGGAGGGCCAGGAGACAAAGGGATTAAAACAGG AAAAAGAAAGGGAGGGGGGGGGAAAAAACCAGGGAAAAAAGGGGAAAGGA

GAAAGGGAGAGGCCGGTTAAGGGGAAAACAGGGAAAGAGGGGGAAGAAG AA GAAGGAAAGAAGAAGCCAACAGGGGAAGGGGAAAGCCAAGAAAAAGGA CACAAGGGGGAGAAGAGGGAGGACAAAAGCCGGGGAAGGGGAAAAGGAAA AAAGGAAAAACGGGGGGGGGAGAAGAAGGAAAACCGGGGGGGGAGGGAC AAAACCCCGAAGGGGGAAAGCCAGAGGGGAGGGAGAGAAAGGAAAGCCGG AATTAAGGGGAAGGCCGGAAGGGGAAAAAAGGAAGGAAAAAAGGGGCCGG AAAAAACCAAGGAACCCCAAGGCCGGAAAAGGAAAAGGGGAAAAAAGGGG AAAAGGGGAAAAAAGGAAGGGGAAGGGGGGAAGGAAAAGGGGAAAAAAG GAAAAAAAAAAGGCCAACCAAGGAAAAAAAAGGGGGGAAAAAAAAAAGGC CCCGGAAAAAAGGGGCCAAGGAAGGGGCCAAAAGGAAAAGGAAGGAAAAG G G G AAAAGGCCAAAAAAAACCTTGGAAAAAAAAAAGGGGGGGGGGGGGGG G G G G G T T A A G G G G G G G G A A CCGGGGGGGGAAAA G GAA G G G G G G G G G G A A AAAAGGGGTTAAAAAAGGAAGGGGGGGGAATTCCAACCAAGGGGGGGGGG AAGGAAGGAAAAAAAAAAGGAAAAGGGGAAAAAAAAGGGGAACCAAAAAA AAAAAAGGAAGGGGAACCAAAAAAAAAAAAGGAAGGAACCAAGGGGAAGG AAAACCAACCAGCCAAAGAGAAGAGAAAGAGGGAGGGGGAAGAACCGAAA CAAGAGAAGAGGGGCCGGCCGGGGGGAAAAAAGGAAGGGGAGAAAGAAG GCCAAGGAAAAAAGAAAGGAAGGGACCAGAAAAAAAAAAGGAAGGGGAAC CAAAAGGAAGGGGGGAAGGGAAAGAGGGAGGAAGGAAGGGACAAAAAGA G GAAA GAACCCCAAAAGGAAGGAGGAGGGGGGAACAGAAAGGAAGGCAGG G GAAGGAACAAAAAGAGGAAGGCAGAAAAAGGGGAGAGAGAAGGGGAAGG AGGGACGGGGAACCGGGAAAAGCCCCGAACAAAAGGAGGGAGAACGAACG GAAGGGGGGAAACCGGAAAAAACCGGAAGGGGCCGAGAGGAAGAGGAGCA G G A 1 A $\operatorname{G}$ GGGGAGGAGGGGGGGCGGGAGAGGAGCCGGGAGGGGAAGGGGA AGGAACCAGGGCCGAAGGGAGAGAAAAGGCCCCGGAGAGAAGGGAGGGAA AA GCAGGAGAAGGGAGAAGGGAGAGAGAACCAACACCAGGGCAGGAAGGA GCCAAACGGAAGGGCGGATAGAAGGGGAACAGGGGAGGGACCCGGGGAA AAGGAAGGCCGGAAAAGGAGAGGGGGAAGGAGCCAGAAAGGAAGAACAGG CCAAGGAAAAGGCCAAAAAAAAGGGGCCAACACCGGAAGGAGGAAACACC GAAGAAAGAAGGAGAAAAAAAAAAAAAAGGGGAAGACAGAGGGGGGCCAG CCAGAAAGAAACGAAAGAAGGGGGAAAAAGGACCAAGGAGAGGGGAAAAA GGGGCGCCAGAAAAGGAAGGAGGAAGAGGGGAAAGAGAGGAAGGAAACAA G G G GAAA GAAAGAAGGGAAGCCAACCCAAACCGAGGGGGGCCAAAAAGAG G GAGCAGGGAAGACGGAAAGGGAGAAAAAACCCCAAGAGGCCGGCAGGAG AAAAACAAAAGGCACAGGGGGGAGAAAGAAATGGAGAACAAACCAGGAGG AACCGGAGGGCCGGGGCCAAAAAGAAAACAAAGGGGAGGAGCAGGGCCAA AA GAAAGGGGAAGGGGGGGAGAGGAAAAAACCGAAAAAACGACAACAAAA A GAACAAGGAAAAGGAGGAAGGAAAAGGGGAAGGAGCAAAGGAAAAAAGA AGGAGGAGAACGGGAAAGGGGGGAAGAGAGGAGAGGCCCCAAAACAAAAG GGAGGGAAAGAGTTAAAAAACCAGGGGGAAACAGGGGACCAGGGGGGGC GAGAGAAAACAGGAAAAAAAAGAAGAGAGAAAGAAGGAAAAAACCAGACG AGGGGAACCGGAGGAAGGAAAAAGGAAACGGTAAGAAGGAAGGAAAAAAA AAAAGCAGGAAAAGGAAAGGGAGAAGAAAAAGGAAGGGGCAGGGGAGGAC CGAAAAGTAAAGGAAAGGGAGAGCCGGAAGGGAGGGAGAGAACACGAAAA AAGGGAAAAAGAAAACCCCAGAAGAAAAGGGAGGGAACCAAAGAAGAAAA AAAAGAAGGCCGGCCAAGGGGAGAAAAGGAACAAAAAAACAAGGAGGGGC AAAAAAAGGACGGAAAGGAAAGGGGGGGGGGAAGGAACCGAGGGAAAGG AGGAAAAGGGAAGGCAAACCGGACAGACAACCAAGGGAGAGGAGGCAAGG AAAAGGAAGAGGGGGAAGCCGATTAAGGGAAAAGGGACAAAGAAAAGGGG AAAACCGGGGAGGACAGAGAAGAGGAGGGGGGAAAAAAAGGGAGAAGGG G GAAAAAGGGGGGAAAGAGGACACCAATTGACCCCAACCAGGGAGACGGG AAAGGAAGGGGAAAGCCAAGAGGAAGAGGAGGGCACCGGCAGGTTCCGGA AGAGGCCAAGAGAACAGAGAAGGGGAACCGAGAGGAGCCGGAAGGGGGG AA G GCAGGAAAGGGGGCCAGAAAGAAAGACAAAAGAAGAGACCCTAGGAA AGGGGAAACCGAAGCCTTAGGGGGCAAAAGAGGAGAGAAGGGAGGAGGG GGGAAAAAGAGAAGAAAGGAGAGCCGGGGCCGGAGGGGAAAGGAGAAGG AA G G AA G G GGAAAAAAGGAAGGGGAGGGCAGGCCAGAGGACCACAGGGG GAAGAGACAAGGGACAGGAGGAGGGCCAACCGGGGGAAAAAACGACCAAG GAGGGCAAGAGAAGGGGCAATAGAGAAGGCCCCAAAAGGGGAAGAGGGAC CAAAAAAGGCCGGAGGGAAAAGAGGGACAGGGACCGACCAAAAGAAAAGC AGAAAAAGGGGAAGGAAGGAAGGGGGGAAGGGGAAGGAAGGAAGGGGGG

AA $\operatorname{A} G \mathrm{G} G \mathrm{GGGGAAGGGGAAAAAAAGAGGAGAAGGGAACCGGAAGGAAAAAA}$ AACCAAAAAAGGGGGGAAACAAAAGGGGGAAAAAAGCAAAGAGATTAGCC AAGGCCAAAAGAGGGAGGAAATGAGGCAGAAAGACCAAGGAAGGGAAAAG AACCGGAAGGAAGGCCCCAAAAGAGGAAAGGGAGGAAAAGGAAAAAAAAA GGCAAGCCAAGACAAAAGGGCAAAAAAGGGGGGAAAAGACGGAGAGGGAA GAGAGAGAGACCGGAAGGAGGGAAAGAGAAGAGGGAAAAAGGAGAAAAGA GAGGGGGGGGGGGAGGACTTAGAGAGGACCAAAGGGAAGGAAAAGAGGA GCCAGGGGGGGAAAAGGGGAAAAGGGGGGGAAAGGCACGCCAAGGACCC CAGGAAAAAGAAGGCCAAGGAAGGCCGGAAAAGGGGAAGGCCGGAGGGG GAAAGAAGGGGAAAACCGACCGGCCGGCGGGGGCAGGGGGAAAGAGGGA GGAAGGGGAAGGGGAAGGAAGGGGGGGAACAAGGAAAAGGAAGGCCAAA AAAGGGAGGAAGAGAGGAGGGAAGGGGAAAAGGAACCGGGGGGGGCCGG AA $\operatorname{l}$ GGGAAGGAACCGGGGGGAAGGAAGGCAGGAAGGCAAGAGGGGGGAC CGGAAAGGAAGGAGAGGAAAAAGGACCGGCCAGAGAGAGACAGGGCCAGG G GAGACCGGAGGAAAAGAAAAGGAAAAGGAGGAGACCAGGGGGAAAAAGG ACCGGAGGGAAGGGGGGCCAGAACCGAGGAAAAAAAAACCCGGAAGGAAA ACCGGCACCCAACAAGGAGGGGGAAGGAACCAAGAAAGGAAGGGGAGCCA GCCAGGGGGCCAGAAGGAGGGGGGGGGAGAAGACCTTAGGAGGCAAAAG A G G G G GAA G GCGGGGGAAGGAAACAAGGGGAGGGGGCCGGAAGGGGGGG AGAGGAGGGAAAAGGGGGGAAAAAGAAAAAACAAGGAAAAGAAAGGAAAA AGGAGGGAAAAACGGAGAAAAGAAGAAAAAAGGGGAAAAAAGGCCAAGGA GAAGGGGGGAAAAAGAAAACCGGGAGGGGGGGAAGCCCCGGAGAAAGCAA AGGCGGAGAAGGAAGAGAGAGGGAAAGGGAGGAAAAAGGACACGGACCCG G G G A A G G G G CAGGAGAAAAGGGGCCAAGGAAAGACCCAGGAAACACCAAC AA $\operatorname{A}$ GAGGAGAAGGGGAACAGGAGGGAACCAACAGGGGAAGGGGAGAGGG AACCAGGAAAAAAAGGGGAAGAGGAAGGAAAAAAGGAAAGGAGGGGAAAC GAGGAAAGGGAAAAAAAAGGAAAGAGGAGGGGGGGGAGGGGAAGAACCA AAAAGAAGGAAAAAAAAGGCCGGGAGAAGGGAGGAGGAAGGCAGACAGGC CAGGAGGGAGGGGGGGGGGAAGAAAGGCCAAAGAGGGAGGGGGGGAAGG AGGGAACAGAGGAACAAAAGGAAAACGAGGGGCAGAAAGAGGGGGAGGAG CCCCAACCAAAGACGGCCAGTTGGGGAGGGAGAAAAAGAAGGAAGGGGGG AGAGAGGGGAGAGAGACAGAGGAAAAGGGGAAGGGAAGGGAAAAGGAAA AA $\operatorname{G} G \mathrm{G}$ GGACCCACGGGGGAGGAAAAGAAGGAAGAAAGAGAAAAGGAAAAA GAGGGGAAAGGAACCGGGGAAGGAGAGCCGGGGGGAGGGAAGGAAAGAA GACAGGAAAAGGACGGGGGGGAAGACGGAAGAAGATAAGGAAGGAAAAAA AACCAGGAACAGAGGGGGGGAAAACCGAAGAGGGAACCAGCAGAGAGAAG GAAAGGGGAACCAAAAGGCCGAGAAAAACAAAAAGAGGAAAGAACCAAAA G G G G G G A A A A C CAAAAAACCAAGAGGAAAAGAGAGGAAGGAAGGAGAAAA G GAA $\operatorname{G}$ GGGGGAGAGAGAGGGAAACCGGAAGAGAAGGGGAGAAGAGGAAA AAAAAGGGGAAAAGGAAGACACAAACAAAAAAAAGGAAGAAAAAAGGAAG GAAGGAGAGGGGGGGAAAAAAGGGGAAAACAAAGAGAGAACGGGAAGGAA GAGACAAAAGGGGCCAAGAAACAGGAAGGAAGAAAGGAAAAAAGGGGAGA AGGGGAAAAAGGAAGAAGGGAGGAAGGCCGGGGGGGGAAGGGGGAACAG CCGGGAAGGGAGAAAAGGCGAAAAAAAAAGAGAAGAAAGGAAAAAGGGAA AGTAAAGGAGAAAGCCACAAGGAACAGGGGCAGGACAAAAGAAAGAAAGG AA $\operatorname{A} G \mathrm{G}$ GAAAAGGGGAAGAGACAGGGGAAGGGGGAGGACGGGAAGAGAGG A G G G G A G GAGAGGCCGGAAAAAA GGGGAGGAAAAAGAGGGGTACCGGGG AAAGGAGGGGGGGAAAGGAAAGGGAGAGCCGGACGGGAAGAAGAAGAAG GAAAGAAAAGAAGAAAAACGGCCAAGGGGGGGGTTAGAGGAAAAAGGAAG G G G G GCCAAGGAAGGAAAACCAAGGCCGGGGAGCAGAAAGAAGAAAACAG AAGGAAAGGGGCCAGCCAATTAAAAGGAAAAGGAAAACGGAGAAGAGAGA AAACCGGAGAACCCCAGCAGGTAAACCAACCGAGGAGAGAAAGCCAAAAA A G GAACGAAGGCCAAGGGGGGGGAGAGAAGGAAAAGGAAAGGGAAGGCA
 GCACCAGAAGGCCAAAACCAAGGGGGGGGGGGGGGAAAAACCGCAAAGGG GGGGAAAAAAAAAAAAGCAAGGGAGAACCAAGGGGAACCATAGAACACCC AAAAGATAAAAGGAAAAAAGGAAAAGAGGGGAAGGAAAAGGGGCAGAGGA AAGAAAAAAAGGGGAAAACGGCCAAAAAACGCCACGGGGAGAAAAGGAAG AGGAGCGAAAGATGGAGAGAAAGCAAGACCCCCGGCCGGAGAAGAAAAAC GCCAAAAGGTTCCACAAGAAGCCCCAAAAAAGGACGGACAGAGGGAGGAC CAGCAAGGACCGGAAGAAGGACCAGTAAAAGAGAAAGGAAAGGAAGGAAA

ACAAGGGCAGGAAAAGGAAAGGAGGAAAGAGGGGGGGGAAGGGGAGGGA G GCCAGGACAGGAAGACCAGGGGGGGCCGGGGTTGGCCGGAGGCAGAAG AACTAACAAGAGACAAGAGGAAAAAAAAGAAAAAAAAGGGGAATTAAGGG GGGAAGGAAGGCGAGAAGGGAAGAAGGAAAAAGAAAGCAGGGGGGAAAG A GCCGGGGAACCGGAAGGGGAAAAGGGGGGAGTAAAAAAGAATACCAAGG AGAGAAAGGAAAGGAAAAAAGGATAGGAAGGAACGGGGCCCAGAAGGGGG G G G G G GAAA G GAGAGGGGGGGGGAGAAGGGAGGGAAAAAAGGAGGGAAA AAAAAAGGGGAGGGGAAAGAAGGGGAAGGAAGAAGCCAAGGCCGGGGAG GAGGAAGAGGGAGGAACCAAAGAGGACCGACCAACAGAAAGGAAATGGTT GAAAGAGAAGGAAAAGAAGGCGAAAGAATTAAAAAAGGAGGGGGGGGGCC GGGGGGAAAAGGAAGGGGGGGGAAGAAACCAAGGGGGAGACCCAAGAGA GAGAACAGAAAGGGGACAACCAAGACCAAAAAAAGAACCGGAGAAAAGGA ACCGGCAAACCAAGGCCGAAGGAAAGGGGAGGAAGAGAGAGAAAGAAGAC AAAGGAGGGAACCGGAGGGAAAACCAGCACAGGAAAAGCGGAAAGGGCCG GAGGGAAGGCAGAGGAAAGGGAAGGAAAAGGAAGAAAGGGGCCAAGGGG AGGGCCACACAAAAAAAAAAGGGGCAGAGGGGCCAAGGGGACGGGAGGAA CCAACCCCCACCGGAAGGAAAAGAAGAAAACCAGGGGGAAAAAAGAGGCA AAGGGGGGGATTGAAAAGAAGGAAGAAGGAAGAGGGAAAAGAACGAAAAG A G A G G G G G G G A A G G G G G G G GAAAAGAAAGGAAAAAAGGAACAGGGGAAC AGGAGAAAATTAGAGACGGGAAAACAACCACAGAACCCCAAAAGAAACCG A GAA G G GAAGGGAGGAAGGAACAGGGGAACAAAAGAAGGGGGAAGGGGA G GAAACAAAGTTCGGGGGAAAAAAGAGAAGAGGCGAAGGCGGGGAAAAGA GAGGGAAAGAAAGGAAGGCCAAAGAGGGGAAAAACCAGAAAAGGGACCCC G G G G G GAAAACCAAGGAGGGTAGAAAAAAACCAAGGGGGGCCGGGGGAG AAGGAAGCACAGAAGAAAGAAAGGAGGGGGGGGAGAAAAAAAAGACCCCA G G G G G G G G G A A G G G A G G A A A A GAGGAAGGAAGGGGAAAAAACCAAGAGG GGGAAGGGAAGGGGAAGGAAAAACGGAGGACCTTGGGACACAGAAGGCGA
 A GAGAAGAGGGAGGAACAGGGGGGGAAAAGGAGGGGGGGGGGGAGGAAG AGAGAACACCAAGGGGGAAGGAGGGGGGAAGAAAAGAACCGGGGAATTCG GGGGGGAGAAGGGGAAGGGGGAAGAAAGAACCAAGGACAAAAGGGGAAA ACCAAGGGGGGGAGGAGAAGGAGAAGGAAGGGAGAGGGGGGAAGGCAAG AAAGGGGCGGGGGAAGAGGGAGGAAGCCAAAGGACCGAAAAAAAGGGAAA A GAAGGAGAAAATTTAAGGGAAAAAAAGGGAGAGGGAAGAAGGGGGAACC AAGAAGAAAAGGAGCCGAGGAAAAAACCCACCAAGAAGAAGGCATTAGCA ATAGGCAACCGGGGGGGAGAGGAAAGGAGGAGAAAAGAGAGGGAAGGGA A G G AA G GAA G G G G G G G GAAGGGACAAGCCAAGGAAGGAAAGGAAAGGAA G G AA G G A A A A A GAGGGGAGGGAAAGGGGAAAAACGGAAGATTAGAAAAAA
 A G GCCCGAGGACAGAGAGGGGGGGGGGGCGGGAAGAGGAACGCCCAAGG AAGGGACCAAAAGGAGGGCCGAAAGAACAAGAGAGAGAAAGGAGGGGGAA GGGGAAGGGGCCGAGGAAAAAAAGAAAGGGGGGGTTGAGAGAAAGGAAG GGGGAAGAAGGGGGAAGAGAAATAAAAAGAGGGAAAAAAAAACAAAAAAA GAAGAAACCAAGAACAGAAGAGGAAGGGAAAAGGGGGAAAGAAGGCCAAA AAAAAAAGGAGGGGGGGGGCCAAGGAACCGGAAAGGGAAGACCCAAGACG GGGGGGAAACCAAAACCGGAGGGGGGAAGGGAAAGAGCGAAAACAGAGAG AGGGAAAAAAAAAGGGACCAGGGAGTTGGGAAAGACGCCCAAGCAGAAAG GAACCAAAAGGAAAAGGAAGGAAAGAAGAAAAGGGGGGGGGAAAAAGGAA AA GAAGAGGGGGGAAAAGAGAAAGGAAAGAAGGCAGGGGAAGAAAAATAA AAAAAAAAAGGAGGCGGAGGGAACCGGAAGAAAGAAGGATTTAAAGGGGA GAACAGAGGCCAGGGAAGGGGAGAAGGGGAAAGAGCCAAGACACCGGGGC CAAAAGAAAAAAAGGAAGGAAGACAGGCAAGGAAAAAGACCCAAGGAGAA CAGGGAAGGCCACAGGGGAAGGGAAGGGGGAAAGGAAAAAAAAACGAGGA A G G G GAGGGGGCCCCAGAAGGCCGGTTGAGAAAGGAAGGGGAACCGGGG AGAGCCGGAAAAAAGGAGAGGAAGGAGAGGGCACAGGGAACCGGAAAACC ACGGGACCAAAGGGGAGGAAGAAAAAAGGGGGTTAAAAGGGGGGGGAAAA GGAAAAAGGAGGAAAAGGAGAAGAGGACGGGGGGAAAGGAGGGAGAGGG GGGAAGGGAGAGAACAGAAGGAAAGGGAGAAAATTGAACGGAAAACCGGG AA GGGCCAAAGGAAGACAAAAAAGGAAGAAAGAGAGGATAGGGAGAAGGC CGGAAAGAAGGAGAACCGGGAAAAAGGGGCCGGGAGGAGGGGGCCAAAAA GGAGAGGGGAAGGGGAAGGGGACAGAAAGGAGAAGAGGGAAGGGAAAGA

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A GAGGGGAAAGGGGGGAAAAGAGGAAGGCCAAAGAAGGAAAGGGGGGGG

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 G G G AAACAAGGGGAAGGGGCCGAGGAAGGGATAAAGGAGGGAAAAAGAG AAAAGGAGAAAAAGACAGGGGAAAGGCCGGAAGGAAAAAAAAGGGGAGAA TTCCGGAAGGAAAATTAAAAGGAACCACAGAAAAGGGGAAGGAGAGCCGG G GAAGGAAAAAAAAGGGGCCAAGGGGCCGAGACAGAAAGGAGAAAGCCAG AAAGACGGGCGGGAAAGGCAGAAACCAAAAAAAAGAGAAGGACCGACCGG CCCACCCCCCGGAAGGACGAGGGGGGAGAAAAACCCAAAAGGGGGGCCGA AAAAGGGGAAGGAACCAACGGGATAGGGGGCAAAAGGGGGGGGAGGCCG GAAAAAGGGAAGGCAGGGGGGGGACAGCCGGGAGAAAGGGAGGAGGGGA TTAGAAAAGGAAGGGGAGCCAGGGGAGGGCAGAGAGGGAAGGGGCCCCA AGGAAGGGAAGACAGCCAGGGAAGGAACAGGAAGAAAGGGGGAAAGAAGA AGAGGGGCCAAAGGGAGAGGGGGAGAAGGGAGGAACCGGGGCAAAAGAG ACAGAAAAGGCACAAGCAGAAAAGGCGGAGGGAAAAGGAGAGGGGAGGAG GGACGGAAGGACAAGGCCCCGGGGAAACGGGGAAGGAAAACCGAGGGAG G G GCAGGCCAAAAGGGAGGGGAAAAAGAGGAACGGGGCCAAAAAGGGAAG GACGGGGAAAACCAAGGCCCCAAAAAAGGAAAAAGCCAGGGAGAAAACCG GAAAA G G G G G G G GCCGGAAAAAAGGAAGGGGCCGGAAGGGGAACAGGAA AA G G GAA $\operatorname{A} A \operatorname{GACGGAGAGGAAAAAGGAAAGGGGGAACCGGGGGAAAAAAA}$
 GAGAGAGAAAGACGAACAGGGGGAGGGAGGGAGAGAAAAGGGGAAAGGA AAGAAAAGGGCCACAGAAGAGGGAGAAACCTAAAAAGGCCGGGGAAGGAA
 GAAAGAGAAAAGGAGAAAAGGAAGGAAAACCGGCCAAAACCGGGGAAGGA AGAGGGAGGAAAAGGGGCAAAGGATGAAGGGGGGAGAAGGGCCCCGGAG A GAA $\operatorname{A}$ GGGAGGGAAAGGGGGGGAGGGAGAGGGGGCAAGGAACAAGGGAA ACGAGGAACGGACAAAAGGGGGGAGAACCAAAGAAGGCCAGAAAAGGGAA AA GAAAGCAAAGGGGGGAATTGGGGGGAAGGAAATAACCAGGGAACCGAA AGGGAAGGAGAAGAAGGGGGGGAGGGGGAAACCCCAGGGCAAACCAAAAG AGAGGCCGGCAGACCAACCGGAACAGGCATTGAAGCCAAGGCCAAGGGGA AAAAGAGAGGGAAGGGGCCGGAAGGGGAAGAAAGGAAAGACAAGGGACCG GAAGGGAGGGGGGAAAAAACCGGGGAAGGAGAGGAAGGGGGAAGGAAGG AAAAGGAACCAAAAGGGGAAGGAAAAGGAAGAGAGAAAGGGGAAAAGGGG GGGAAAGAGAAAGGGGAGTTGAAGAGAGGGGAGGAAGGAAGGAGGAGGA AAAGGAGAACAGGAAAAGGCCAGAGCAAAGAAGCCCCGGAAGAAACAAAA GCAAAGAAAGAAGAAGGAGAAAAGAGGGGGGGGAAAGAAACAGAGGACAA AGGGGGGGGAAGGGGAAGGGGAAAAGGAAAGAAAAAATTAGAGCCACCAA G G GACGGGGCAGGACAGGGGAACAAAAAAAGGGGGAAGGGAGCGACCAG AAAAAAGAAAAAAAAAAAAGGGCACCAAACGAGGGAAGAAGGCCAAAAGG AGGGGATAAAGGGGAAGGGGAAGAAGGGGAAAAAAGGGCCGGAGAAAAAA AGAGAAGGAAAACCCAGAGGAAGGAAGGAAGGAGAGGAAACCCCGAGGGG AAAAACAGACCAGGAAGGAAAAAAAAAAAAGGAAGGGGGGAAGGAAGGCG AAAACCCGAAGGGGGAGGGAAGAGAGGAGGGACCGAAGAGAAGGAGGGG

G G G G GAGAAGGAAAAGGGGGGGAGGGAAGAACACAAATACAGGCAGAAAG AAACATTAGGGAAAAGGGGAAGGACAAGAGACAGGCCGGACGGGGACAAA CCACAAAAAAAGGAAAAGGAAAGAGGGAGGGAGAATTAGACCAAAAAAAA CGAAAAAAAGGTTGGCCGGAAAAAAAAAAGGAATTACAAGAAAGGAAGGG A G G AA G GAAGGCCCCAACCGGGGGGAAAAGGGACAAAAGAAAGGGGAAAA ACCAGCCGGAAGAAAAAGGAAAAAATTAAAGAGCAAGCCAAAAAAGGCCA AA G GAA G G GAAGGCCGGATGAAGAAGAAGCCGGGGGGGGGGGAGGGGAC GAAAGAGGAAAAAAAGAGGAGAAAAAAAAAGAGAAAGAAGGGCCGGGAGG CAGACCAGCAAGAGGGGGGGGGACAAAGTAAAGGCCAAGGGAAGAAGGAA CCGGAAAAAACAAGAGAGGGAGAGCGAGGGCCCCGAAGGAAGACCCAAGG AGCAAAAAAAGAGGGAGGGAAGGGAAAGGAAAGGGGGGAAGGGAGAAAAA AA G G GAAAGGAGAAGGGGAAGAGGAAGGAGACGGCCGGGGCAAGAAGGG AAAAAAAAGGGAAAGAAGAAAGGCCAAAACCCCACGGCCACAGCCGAGGA AGGAAGACCAGGAAGGACAAGGGAGAAGGGGGGAAGGAGGACCGGGAAG AGGGCAAGCCAAAAAAGGAAAAGGAAAGGGGGGGGGAAGAGGGGAAGAG G G G A GCCAAGGGGGGAAGGGGAAGAGGAAAGGGAAGGAAAACGAGAGGG
 A G G G GAAAAAACCTTAAGGGGAACCGGGGGGGGAGAGAGAAGGAAGGAAA A G G G G G G CAA G G G G G G G G G A A A A G GAGATAAGGACAAGGAAAGAGAGGG CCAGAAGGGGAAGGAGGGAAAGGGGAGGGGGGAACCGGGGAAAAAAGGA
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 G G G G G G G C CAA G GAGAAGATAGGAGTAAGGGCAGGGAAAAAGAGGGGGG G G G GAA G GAAGGAAGGGGAAGGGGGGAAGGGGAAAAAGAAAAAACAAACC ACGAAAGGAAACGGAAAAAGCCGGAGGAAAAGGAAGAAAAGAAAAAAAGG AAGGCCGAGAAAGGAAAAGAGGGACCAAGCGAACAAGGAAGAGGGGAGAA AA $A$ AGGAAGGGGGGGGGGAATAGACCGACACAAAGGAGGGGGAAAAGGA ACCGGGGGGAGAAGAAGAAGGGGGGGGAAAAGAGGGGAAAAGAGGAGAG CCGGGGCCAGGAGGGGAGAGGAGGCCAGGGGGGGGGGAGAAAGGAAAGA AGGGAAAAGAAAACACACAGGCCACAAGGGGAAGAAAGGAAGGAAAAAAA AAGCAAGGAAAAACAGGAAGAAAGGCAGGCCAGAGGGATGGCAAAGGGGG A GAGGGAAAGGGGCGGGGGAACAAGCCGGAGGAAGAACACAAGGGGGAG AAGAGAAGAAACCAGGAGAACCCCGAAGAAACAGAACAAGGGAAGGGAAG G G G G A G A G G GAGGGAGGGGGGGAAAGAACAAGGGAGAAGGGGGAAGGGA ATTCAAGAGAAGACAAAGCGAGGGACAAAGGGACCAGAAAAAAAGAAAAG AAGAGGGAAAAGAAAAAAAAGCCAAGGAAAAGGCCAAAAGAAGGGAGAGG GGAAAAAGAGGGGAGGACCAAAAGGCCAAAAGAAGGAAAAAGGAAAAGGA AGGAAAAAAGGAAGGAAAAAATTGGAAGGAAAAGGAAAAGGAAAAAAGGG GAACCAAAAAACCGGGGAAGGGGGGAAAAGGAAGGCCGGGGGGAAGGAA GGGGGGGGGGGGGAAGACGAGGGGGGAAAGAGAGCCGGAGAGAGAAAAA AGGGGGGAAAAGAAGCCGGAAAACAAGACGGGGGGAGGAAAAAGGGGGG G G G G G G G GAAAAAACCGGGAAAAGACGGAGCATAGGAGCAGGGGGGGAG GGGCCGAAAGGGGGGAGGAGGGAGAACAAAGAAAGGAGAGGGGAAAGAA AAAAGGAAAAACCGGAGGAAAAGGACCCGGGGAAGGGGCCGGGAGGAGAA AA G G AAAAAAGGAAAAAAAAGGAAAAAAAAGAGGAGAGAGGGACGGGGGG GGACCCGGAGGGAAAAAGCAGGCGAAAAAAAAGGGGAACAGGAAAACCGG AAAGGGGAAAAAGGAAGGCCGGAAAGGGGGGGGGAAAGGGGGGAGAGAG GGGGAAGCCGGCCGACAGGAAAAGGAACCAAGGACAAAAGGGAGGGGGG G G G G G ACCAAAACCGGGAAAGGCCAAAAAAAGCAACCAAAAAGGAACAAG G G G GACAAGGAAACAGAAAAGGCCGGGCAACCGGCCGGAGGGAAGAGAAA CAAAAAGAGAAACAGGAGCCAAAGCCCAGGAAGGGAAGGGGGAAGAAGGA CCGAAAGGAAAAAAGAAGGAGGAAGGGGAACAAAGGGGGGAAGGAAGGAA GAAGGGAAAGGGCAGAGGAAGAAGGGGGGGGAGGCATTAGGGGAAAGGA AA $\operatorname{A} A G G G A C A A A A G G A G A C C C A A G G A A A A C A G G G A C C A C G G G G G G A A A A G$ AA $\operatorname{GGG} \operatorname{GA} A \mathrm{G}$ GAGAAAGGGGGAGACCCAAAAGAGGAGCAGAGGCCGGGACCA A G GAA $\operatorname{A}$ G G G GAGGGAGGAGAGAGGAAGGGAAAAGGCAAGGGAAAAAAAA

AAAAAAGGGGAAACGGGGAGAAGGGAAAACGGGGAAAAAAGAACGAAGGA GAGAAAAGAGGGGGGGAACCGGAAACGAAGGAGAAAAGAGAGGAGGAGAA GGAGAGAAGAAAGGACGGACAGAGGGAGGGGAAGGAAGACAGGGACAAG GTTGGAAGGGGAAAACCAAGGAAGAAACAAGGGCCAAGAAAGGGGCCGGA AACAAGAAAAGGGAAAAGGAAAAGGAGGGGAGACAAAGGGGGGGGGGAG GAAGGGAAAAAAAAAAAACCGGGGGGGGGAAAGGAAAAAGGGAAAAGGAG AA GGCCGGAGCCGGAAAATAAAAAGGGAGGGGGGGGGAAAAAGGGAAAAG GGGAGAGGGGAACCAGGAGGGGAAAAGGAGAGAGAAGGAGGAAGCCCAA AGGAAGAGGAAGGGGAAGGGAAGGGAAGAAAGGGAGGAGAAAACCGGTT GGCCCAAGGGGAAGGAAAGAACGGAAAAGGGAGGAGCCAAAAAGCAAGAG GGAAAACAGGGGGGAAAAGAAGGGGGGGAAGGAAAAGGAGAAGGAGAAA AACGGAAGGCCGGAAGAAAAGAGCAGAAGGAGAGGGAACAACCCCCCGGA GAGAAGGAAAACCCCGGGAAAGGAAAAGGATAAAAGCTTAAAGAAGGAAA AACACGGAGAAAGCCAGATAAAAAACCGGAAAAGAAAGGCCAGAAAACCA AACAAACAAGGGGCAGAGGAGAAAAGAGGGGAGAAGGAAGGAAGGAGAAA GAACAAAGGGGAAAGGCAGGAAGGGGGAAAAGGAGCAAAGGAAAAGACCA CGAGGGGACAGAGCCGAAACCAAACGGGGGAGGGGAACCAAAAAGAACCG GGGCCGGGAAACAGGAGGAAAGAGGGAAAAGGAAGGGGGGGACAAGCAG AGGGACATGGGGAACACGCCGACCGGAAGAAAAGAAAGAGAAAAGAAGAA GGCACCGGAAGGGGTTGGGAAGGGGGGGAACCAGAAAAGGGGAGCCCCG AAGAAAAAGAGCAAAGGAGAGGAAAAAGAGGCCGGAGGGTAAAAAAAGAG GCCAAAAAAAAAACCAAGGAAGGAACCGAAAGGAAGGACGGACCAAAAAC AGCGGCCCCAAGGGCAAGCAAGGGGAAAGGAGGGAGGGGGGGGCCGACC GGAGGACCAAAAGGGAGGCCGCAAGGAAAAAAAAAGAACCACAAAAAAGG ACGGCGAGGAAAGGAACAGGGAAGAAAAAACCAAAGGGGAAGGAGGCAGG GGGGAAAGAAAAAGGGAACCACGACCAAGGGGCCAGGGGAGGAGAGAGAG GAGGAAAGAGGGAGGGAGGGAAGAAAAGGGGGGGAAGGAAAAGGGGGGG GAAGGGACCGGCAAGAAAGAGAAAAGGGGGGGGAAGGCAGGAAGGAGAA GGGAAAAGGAGGGGAGAGGGAAGGCAGGTTGGGGCCGGGGAAAAGAGGG GAAGGATAAGGAAGGAAGGGGAGACAAAGGGGGAAAAGGGAGAGAAAGAA AAAAGAAAAAGAGAAGGAAAAAGAGAAGAGAAGGGCCGAGGACAGAAAAG AAAAAAGGGCCAGAGGGAACAGGGGGGCAGGGGGGAAAAAAAAAAGAAAC CGAGGAGAGGGGGAAGGGGGGGGGAGGACAACCGGAGAAGGAGAACCAA GGAGCCCGGGAAGAGGGAAAAACCGGGGAAGGGGAAAGCCGAGGCAAACC GGGACCAAGGAAGAACCAGCAGAAAAAGAAGAGCACACGAAGAAAAAAAA GGGGGGGAAGAACCGAGAAGCCGGAAGGGGGGAGCCAAGGGGAGAAGGG GGGGGGGAAGAGGGAGGGGAAAAGGGGGGAAGAGGGGAGGGAAAAAAAA AGGAAAGGAGGAGGAGAAACAGAGAAGAAAACAAGGCCAACAGAAGGGGG AAAAAAGGGAGGAGGAAACCGGCCAGAAAAGGGGAAAGGGGAAAAAAAGG GGGGGGGGGGGGGAGGAAGGCAGAGGAAGGGAAAGGAACCAAAGGGAAA GAGAGAAAAAGGGGAGGAGAACACCGGCACCAGGGACGGCCGGCCGGGGC CAGAAGGAAGAGGCCAAGGGGAGGAGAAAAGAAACAGGGAGAAAACCGGG AGGACAGAAGAAAAGAAGAAACCGGGGGGGGGAGGCCGGAAGGGGAAGG AAGGGGAAGGGGAGGGGGGGAAAAAACCGGAAAAGAGGGACCGAAGAGG GGGGAGGAGAAGGGGAGACAGAGGAAGGGAGAAAGGGACGGGGGGCAGG GACAGAGAGAGGGGGGAGAGCAGAGGCCGGAAAAGGGCACAGCCGGAGG GGGAAGGGAGAAAAGAGGGGAGGAAGGGGGGGGGGAGAGAAAACAAGCC GAGGAAGGGGACGAGAAATAAAGGGGGGGAGGAGAGAGAGAGGAGGGGG GAGAAAAAGGAAACAAGGGAAAGAAGGGAGGAAAAGGAAGGGGGGAAGGA AAACCGGGAAAGGAACCGGAAGGCCCAGAGGGGCCAGCCAGGGGGAACAA GCCGGGAAAGGAACCGGGGAGAGAAAAAAGACAGGGGAAAAAAAAGAGAA GGAGAAGAGAAAACCAAAAAGGGAAAAAAGAACGAAAAAGGAGGGAAAGA AGGGGAAAAGGGGGGGAAAAAAAACAGGGGAAAACAGGGGGACATGGAAA TGCAAAAAGAGGACGCAAGACAGAAGGAGGAGAGGAAAAGGATAGGAGGG AGAGGGGAGAACAAAAGGGGAAAGGGGAGAAGGGGAAAACCAAGGAAAAG GAGGGAGAGAGAAGAAGGAAAAACCAAGAAAGGAGAAGGAGGACAAAAGA GAAGGGGACCCAGGAAGAGAAGGGAGGAAAGCCGAGGCCACAAACAAGGA AAAAAGGCCCCAGAAAAGAGAGAGGAAAAAAAAGGGGAAAACCGGCCCCG GGGAAGGAAAAGGAAGGGGGGGGAAGGGGAAGGAAAAGGAAAAGGGGAA GGAACCAAGGGGCCGGAAGGAAAAGGGGAAAAAACCAAAAGGAAGGGGGG AAAACCCCGGTTTTAAAAAAAAGGGGAGGGAAGAGGGGAAAACCGGAAGA

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G GCCGGAGAAGGGAGGAAAAGAAAAAGGAAGGCCGGGGCCGGGGAAAAAA AAGGAAAAAACCAAAAGGAAAAGGGGAAGGGGGGAAGGAGAGACGGACGG AA $\operatorname{A}$ GGGGAGGGGAGGGGGGGGGAAGGAAAGGCGAATAGGAGGGAAGAAA AGGGAACGGGAAAGAGGAACCGGAGAGCAAGCCAAGAAAGAGAGAAGGGG A G G A G GAGGAAGGAAAGCCAGGGGGAGAACAGAGGAACCGAGAAAAAGGG G G G G G G GCCGGGGGGGAAAGGAAGGAACCAGCAACCCAGGGAAGGAGAA AGCAAAAGATGGAAAAGGGGGGAAAACCAAGGAAAAAACCTTCCGGGGCC A G G GCAAAAGCAAGAAGGAAGACAAAGAGAAAAGGGCAAAACAGAAGGGG AA $\operatorname{G}$ GAAAGGAGGGGAAAAGGAGACGGGGGGAAAACCAGAAGAGAAAAACC G G AC G GCA G G G G G GCAA G GAAAAAGGGGGGGGAGGAGAGAGAGACCAAA AGGGGGAAGCCGGAAGGAAAAGAAGAGAGAAAAGGGAAAGGAGAGAACCA AGGAAAAAAGGGACCGAGAGGGGGGCCACGCCGGGAGAGGGGAGGGGAG AAAAAAGGAAAAGAGAAAGGAAGGGGCCAAGGGGGGGGCCGGTTGGGGA AA G G GAAAAACGGGGAACAAAAAGGAAAAAAGGCCGAAAGGGGAGGCAAA AGGAAAACCACGAGGAAAGGACCGGGGAAGGGGCCAGACAAAGCCGGAAC AAAGGGAAAAAGAACAAAAAACAGAAACCAAAAGGGAAAGGGGCGAAAAG GGGAAGGAAAAAGAAAAAAGCGAGGAAAAGAGGGGCCAAGAGGCAACGAG ATAACAAGACGAAGCAAGAGAGGGGAAGGGGGGAAAGGGAAGGGAGGGA AAGGCCGAAGAAGGATCAGAGGAGAGCACAACAAAAAAGAACAAGGGGAA G GAAAGGAAACCGGAAAAGGAGCCGGAAGAACGAGGAAAGGGAAGGGGGA CCGAAAAAAACCGGCCAAAGGAAGAAGGGGGAAGGGGGGGAAAGAGAACC GGCACCCAAGAGAAAAGGAAGGCAAACCGCCACAAAAAAGAAGGAAGGGA CCGAAAACAAGGGGAGCAAAAAGGTAGGACGAAGGGGAGGAAAAGGGAAG G GAGGGAAAGGGGAAAAGCCGAGAAAAAAAAGGGGGAAAAGGCCAAGGGG AA GAAACAGAAAGGGGAATACCGGGGGGCCAAAAGGAAGGAAGGGGAAGG GGAAGGAGCAGGAGAGCCATGGCAAAAGGAGACAAAAGGGAAAAAAGAGA GGAGAAGGAAAAGGTAGGGGGGAAAAAAAAGAAGCCGAAGAGAGCAGAAA CCAGAAAAGACCGGGGGGAACGGGCCAGCCGAGGCGACGGAGCAAGAAGG CCGGACGAAAGAACCCAGCAGAGAAGGGGAGGGAAAGGAAAGGGGGGACA GGAGGGGGATAAGGGGGGGAGGGGGAGGAAAAAGAAAACCAAGGAATAA A G G A A G G G GAGAGAAGGAGAGGGCAGGGGGAGGGGAGAGGGGGAAGGAA AAAAGGAAAAAAGGGAAAAGGCAGGAAAGGGGGGGGAGGGAGGGGAACA GAGGGGAAGGAGAAAGAAACCACGGGAGGAAAGCCGGGGCCAAAAAAGGG G G G G G G G AAAGGGAAAGCCCAAAAAGGAACCAAGGGGGGGGCCAAAGGG AGAGGAAAAACCAGAGGGAGAAGAAAGGAACCAAAGGGACCCGAGAAAGA AAAAAGAACAGGAAGGCCGGGGGACCAAAAGGGGCCGGGAGAGGAAGGG G G G G G AAAAGGGGAACAACGGAGAAGAGACCAAGGAGAGAGCGGGGAGA GGAAAAAAGAGGACAACCGGACAACAAAAAGAAAAAAGGCAAAAAAAGAG GAGGGGCAAAAAAAAAAAGAAGGAGAAGAGGGAACCAAGGGGAGAAAAGG AA G G CCCCAGGAAGGAGAGGAACCAGGAAGAAACGGAGGGAAGAACGGGG AGAGGGCCGGCCAAGGAAAAAGAAAAAAAAAAAAGGGAGAACGGGAAGAG AAGACAGAAAGGCCGGAAGGCCACAAGGAGACAAGAGGGAGGGAAAAACC GGCCAAGAGAACCAAAAAGGAACCGAAAGGGAGGGAGGAAAAGGGAGGCC AAGGGGGAGGGAGAGGGAACGGGGAACAGAAACCCAAGGACCGAAACCAC AGCCGGGGAGAGGGAAGAAAAAAAAAAGCCGGGGACAGAAAGGAAAAAGG AAGGGGAAAGGGCCCACCACGGCAAAGGGAAAGGAAGGAAAAAGAAGGCG GAAAGGGAGGAAAGCAGAGCAGCAGGGGAAAAGGCCAAAAGGAACCGGAA AACAGAGGGGGGAAGGGGGGAGCCAAGGACGGGAGGAAAGGGCAAAAGG AA $\operatorname{A}$ GGACGAGGGAGGGGCCCAAGAGCCAAGGAGGGAAGACAGAACAGAGG AAAGGGGAAGGGGGGGGAAGAGAGGGAAAGGAGGGTTGGATGAAGGAGA GAGAAACCAAAAAGAGGAGAGGAAAAAAAGGGAGAACCGGAAGGCCGGAA AGGAGGCAAAGGGGAAAGGGCCAAAGAGAGAGCCAGGGAGCAGGAAAAAG AATTAAAAAGCAAAAGGGGGGGAGAGAGAGAGGAGGGAGGGGGGCCGAA CAAAAGAGAAGAGACAGGGAAAAGGGAAAGGCCAAGAGGAAAAAAAAAAC A GAGAGGGAGAGGAAGGACAAGGAAAAGGGGGGAAGGAAGGGGAAAGCA CCGAGGGAGGGGGGCCAACAGGAAAAAACCAAGACCGAAAAAAGGAGGAC G G G GAAA G G G GAAAAAAAAAAAAAAAAACCGAAAGGGGGGGAAAGGAAGG AAGGGAAAAAAAGGAGGACCGGGGCAGGGAGGCCCCAGGGCGGAGAAGG AGAGGGAGGAAGAGGCCAAAAAAAAGGGGAAGGAACCGGAAGGAAGGGGA ACCGGAAGGAAGGCCGGCCAAGGGGAATTGGGGAAGGGGCCAAAAAAGGG GGGAAGGGGAAGGGGGGGGAAAAAAAAGGAAGGAAGGAAGGAAAAAAAA

G G G G G G G G T T G G G G G GAA G G G G A A A A A A A G G GAAAAAACCGGGGAAGGA

 A G A G A A G G GAA $\operatorname{A}$ GGAAGGGGAAGAAGGGGGGAGAGGGGGGAAAAAGACC AAACGGGGAAAAAAAGAGAGACAAGAGAGAGGGGAAGAAGAAGAAGGGAA GAAGAAAGAAGGGAAAGAGGGGAGGAGGAGAAAAGAAAAAAGAAGGGGG GGGAAGGAAAGAGCAGGGGGGGGAAACCAGGGAGGGAGAAGGGAAAGGG ATAAAGACGGAGATAAAGACCGTTGGGGAAGGAAGAAAAGGGAAGGGAGG
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AGCAGAGAAAAAAAAAAAACCAAAAGGGGCCGGGGAAGGAAAAAAGGAAA ACCGGAAGAAAGAGAGGAAAAGAAAAAAAGGAAAACAAACAAAAGGAGGA AAAGGGACCCCGAGGGACCAACCAAGGAACAAAAAAAAACCGGAAAAGAG GCCAAGAAGCCGGCAGAAAGGACAGCCAAAAGGCCGGAAGGAGGAAAAGA G G AA GAGGAAGAATAAGGGAAGAAAAAAAGAACGAAGCAAGACGGAGACG GAGGGAGAGAAAGCCGGAGAAGGAACCAAACAAACGAGAAAGGAAAGGGG GCCGGCAAACAGGAAGGGGGAATGGAAAACCCCGGCCAAGGGGGGAAAAA AGGAAAAAGGGAAAAAAGAGAGGGGATGAAAAAGGGAAAGGGGGAAAAGG GAAGGCCAGGAAAGGGGGGGGGACCGGAAACAGACGGAAGGAAGGCCGG AAGGAAACGGGAGAGGAGAGGGGGAAAAAGCCAGAGGAGGAAAAAAGAAA AAGGAAATCAAAAAAAGAAGGGAGGAAACCATAAAACCGGAAGAAAGAAA AAAGGGCCCCGGTTGGAACACAAAGGGGGCAGGGAAAAGGAGGGCCGGGA GGAGGGGGAAAAGGAAAAAAGAATGAGAGGGAGGGGGAGGAAAAGGGGA AGGGATTGGAAGAAAGGGAGACCGGAGAAAAAGAGGGGGGAACAGAAGAG CGAGGCCAAAGCCAACCAAGGGGAAGGGGAACACAGACGGGGAGGGGAAA GAAAAAAGGAAGGGAGGGAGGAAAAAAGGAAAAAAGGGGACCCGGAGAAA AAGACGAGGCCAAAAAGCCGGAAAATTGGAGCGAAGGCAGAGAACAACCA CAAGGGGAAGGGGAACCAATTAAAAAAAAAAGGAAAAGGAACCAAAAGGG G G G G G G G A A CAGGGGGAAAGGAAGGGGCCGGAAAAAAGGGGGGAAAAAA GGGGAAGGCCAAGGGGGGAAAACCGGGGCCAAAAGGGGAAGGGGAAGGG GCCGGAAAAGGAAAACCAAAAGGCCAAAAAATTAAGGAAGGGGGGCCAAG GGGAAAAAAGGAAAAGGGGAAGGAAGGAAGGAAGGAACCGGAAGGGGGG AAAACCAAAAGGGGAAAAGGGGGGGGAAGGAAAAGGGGCCAAGGGGAAAA AACCAAAAAAGGGGAAGGAAGGGGAAAAGGCCGGGGCCGGAAGGGGAAAA AA $\operatorname{l}$ GAAGGGGGGAAGGAAAAGGGGGGAAGGAAGGGGAAGGGGAAAAGGC CCCAAGGGGAAGGGGCCAAGGAAAAGGAAGGAAGGTTCCGGCCGGGGGG AA $\operatorname{A}$ GAAGGAAGGGGGGGGGGAAAAGGGGAAGAAGAGACGGAAGGGGAAA AAAGGGAGAGAGGAGACAAAAAAATGGGGAAAAGGAAGGAAGGGGAAAAA GAA G G G G G GCGAGCCTTGAGGGGGGGGAGAAGGGAGACCGGAGGGCCGG AACCAGGAGAGAAAAAAAGAGGCCGAGAACAAGGAAAAGGAATTAACCGG AACGAAACAGAAGGAACCAGGAGGGGCCAAGGAAGGGGAAGAGAGAAAAC TTGAGGAAAGAAAGAGGGAGGGGGAAAGAACCAAAAGGAAGAGACCCCAA AAGGAGGAAAAAAAAACAAAAAAAGGGACAGAGGAACAGGGAAAGGAGGA CCAAGGAAAGGGAGAGGAGAAGGGGAAAAAAAGGAGAAGGGAACGAGGGA CCGGAGGGCCAGCCAGGGGAGGGGCCGGCCGAACGAAAGAGGCCAGGGG GG GAACCAAAGCCAAAGGCAAAAGGAAAAAGCCGAGAGGAAAACCGGGGA GAAAAGAAGAGGGAAGGGAAAGGAAGGGGGAGAGGGGGGGGGGAGGAGG AAA $A$ AC GACCGGGGAGGGGGGACCAAGGAGGAGAGGCCAGAGCAAGAGG ACAAGGAAAAAAGGGAGCAGAACCCCCGGAACAAAAAGGGGAAAAAGGGG A G G CAA $\operatorname{A} A \operatorname{A} A \mathrm{G}$ GAGGGACCAGGACCAGAGGGGAGAAGAGAAAAGGAAAAG G G G A A A A A A G G G G G G G GCCAAGGAAGGGGGGGAGAGGAGAGAAAGAAGA GGGAAAAAAAGGGGAAAAAAAAGACCCCAAGGGGAAGGAGAGCAAAAGCC GAGGGGAAGGGGCAAAAAGGGGGGAAGGAGAGAAAAGGGAAACCGAAAAA AA $\operatorname{A} A G G C C A G G A A A A G G G C C G G A G A A A A A G A A G G G A A A C C A G G G A G G A G G$ AAGGAGCCGAAAGGCCGAGAAGGGGAAAGAGAGGCCAGGGCGAAGGGGG GGGAGCCAGGGAAAAAAGGGGGGAGGGGGGGAGGGGGAAGGGGAAAAGA AAAAGAGACCGAAAAGAAAGAAGGGGGAACAAAAGGGGGGAAGGCCGAAA CCAAAAGGAACCAACCGGGGGGGAAGCCAGGAGGCCAAGAGGAAGACCGG A G G GAGGGAAGAGGTTGGAAGAAGGAGAGGACGAAGAAAAGGGGCCACA GAAGAGGGAAGGGGGCAGGAAACGAAAGAAGAAAGGGGGAAGAGGAAGG G G AAA G G G G G CAGAAGAGAGAAGGGGCAGAAAGGAAAAGGGGAGAGGAA G G A CA $\operatorname{l}$ G GCGGAGGGGGGGGGGGGGAGAGCCAAAGAAGGAGAAGGCCGG TTGGAACCAAAAGAGAAGGAAAGGGAGGAAGGAAGAGGGAGGCACAGAAA
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G G GAGGACAGGAAGGAGGGAAAAGGGGAAGAAGGGAGGAAAAAGAAAGG CCGGAAAAGGGGGGCCGGGGGGCCGGAAAAAACCAAAAGGAACCAAGAAA A GAAAGAAGGGGAACCGGCCCCGGAAAGGGGGGAGAAAACAAAAAACCAA G GAGGGACGAGGAAGAGAAGAAGGGAAGGGGAGAAGAGAAGGGAAAAGA GAA G G AAAAGGAAAAGGAGAGGGGGGGGAGGGGGGGATTGGGGAAGGAA ACAAGGGGAACCGAAAAACCGGGGAAAAAAAAAAAAAGAAGAAAAGAGGA ACGGGGAAGGCAGGAAAAGAAGGGAGGAGGAAGGAAAAGAAAGGCGCAG GGGAAGAGAAAGGAAGGTTGGAAAAAAAAAAAAAAGGAGGATTAACCAAC CCCCCAAAAGGAGGGGGGGGGGGCCAAGGGGGAAGGGGGGCCCAAAAAC G G G A A G A A G G G G A A A A G G A G AAAGAGAGAAGGAGCACAGGGACAGAAAGC AAAAACGGAAAACCGAAAAGCCCCCCAACCGGGGAAGGGACAGAGGGGCC AACCGGGGCAAGAAAAGGAAGGAAGGCCGGAAGGAGAACCAGAGGGGAGG AAAAGAAGAAAAGGGAAAGGAGGGAAAGGGGGGGGGGAGAGGACACGAG GAAGGAGAAAGCGAAGGGGGGCCGGGAAAGGAGCCAACAGGCACCGAAGG GAGGGCAGAGGGGCCAAAAAAAAGAAACCAAAACCAAAAAAAAGAGAAAG G G G G G G G G GAGGAGGGGAGGAGAGAGGCCAAAGGAGGGAGAAGAAGAGG AA $\operatorname{A} G \mathrm{G}$ GAGAAGGGGAAAAGAGGAAAAGGGGAGGAGGCCGGGGGGAAGAA AAAAGAAGAGAAGGACAAGGGAGGAGAGGGGGGAGGGAGGAGATTAAGG ACAAA $\operatorname{A}$ G G G G G G G GAACCAAAAGGAACCGGGGCCGGCCAAGGGGAAGGG GAAGAGAAGGGCCAACCCCAGAAGGCGCAGGGAAAAACACCAAGGGGGGA AAATTGGAAGGAAGGAGGAAGAGGGAAGGGGGGACAAAAGGAGCAAGAG G GA G GAGGGGGGAGAGAGGAAAAGACGGGGGACAAGCAAGGGGGGAAGG A G GAA $\operatorname{l}$ GAAGGGGAGGACCAGCAGGGAAAGGAGGAGGAGGGGGGGGGTT AAGGAAAACCAAAAAAGGGGAAAGGGGAGGGAAGCAAAAAGGAAAAAGAA AGAAAGAAACATAATTGGCAAGAAAAAAAGAAGAAAAAGGAGGGGGAGAG AAAAAAGGGGGGGGAGAACCAAGAAGCAGGGGCCAGAACCGGGGTTCAGG GGCAAACCCAAACCGGGGGGAAAAAAGGCAAGGAGACAAGAAAGCAAGAA AAGGCCACAACCGAAAGGAAGGGAAGAGGAGACAAGAAGGAAAGCACAGG GGAATTGACCGAACGGGACCAGGAAAAGGGGGCAGGAGCAAGGAAGCCAG AGGGGAAAACAGGCAGGGAGAGAAGGGAAAAGAGGGGGAAAGAAAAATGG AGGGAAGGAAAGAGAGAGAAGAGGAAAAAGAAAAAGGGGCCCAAACAAGA G G G GAAAGGGAGAAGGGAAAAAAATAGGAACCGGGAGAGCCCGACCAGGG AAAAAAAAAAGGGAGAGCAGAGAGAAAAAGGCGGACGGCAAAACGGGGGG AAAAGGAAAAGAGGAGAAAAGGAGGAGGGAGGGGGAAGAGAGAAAAGGG G G G GACAGGAAAGACGGAAGGAAGGGAGGCCAGAAGAAAAGATAAAAAGA GCCGGAGAGCAGGAGAAGAGAAAAGCCGGAAAGAAGGAAAGGGGGAAAAC CGCCACCAGAAGGGGGGGGAAGGGGGGGGACGAAAGAAAAAGGAGGGAA G G G AAA G G GAA GAAAGAAGGACAGAGAGCAGGAGGGGAGCCCCAAAAGCA GAGGAACAAGAAAAAGGGGGGGCAAGAGAAGGAAGAAAAAAAGGAAAGGG A G AAA GAACCAAGGAAGGGGCCGGAAGGACGGGAAGAAAAGAAAAAGGGG G GCCGGAAGGGGTTAAGAAACCGGAAACAAAAAAGGAAGGGGGAAAAAGG AGGACCGAGGAGAAGGAAAATTCCCCAAGGGGGGAGAAGGAGGGAACAGA CAAAACGAACCGAGAACCAACGGAAGAAGGGGAGAGGACCCCAAAAAAGG AAAATTGGGGAGAGAGGAGAGGAAGGAGGAGACAGAGACCGAGAGAGGG G G G GAGACCGGGGGGAAAAGGAAGGAACCAAAGCCGAAAAAGGAGCCAGA GCCAAGGACAAGGAACCAAGGGGAAGGCAAAAAAAAAAAAGAAAAGGGAG GAGCCAAAAACCGAGGGAGAAGGGGCCGGAGGGAAAAAAATGGAAAAAGG AGAAGGAAGAGAGGAGAAGGACCGAAAGGGAAAGGCCAAGGGGAAAAGGG G G G G GAAAAGGAGAATTGAGAGAAAGGAAGAAGGAGAAAGAAAAGAAACC CGAAACCCAGGAGGAGGAGGGGGGGCCGGGGGGAAGGGGAAGGAAAAGG AAGGCCAACCAAGGGGAGGGAACCAAAAGGGGCAGAGGCCAAAACCAGCC CCGAAAAAAGGAAGAGTAACGGAAACGGACGAAGAGAGAAGAAGGGAAAA G G G GAAAAAACCGGGGGGGGGGGGAAAAGGGGAGCAGGGAAGAAGAAGA ACGGGAAGAAGAAGAAGGAGGGGAAAACCGGGAGAAGGAAGGGGACAAAG AGAAGAGGGGACCGAGGAAAGAAGGAAGAAAAAGGCAGGGGAGGGCCCAG GAAGAAGGACCAACCAAAGAATTGAGAAAGGAGAGGAGAAAAGACGGGGG GAAGGAAAAAAAAGGGGGGAAGGGGGGGGCCAAAAGGAAAAGGAAAAAAA AAAAAAAGGAGAAAAAAAGAGAAGGAGAGGGACAAGGCCAAGGGGCCGAG GAAAAGGGGGGAAGGGAGGCCCCAAGGGGAAAAAACCAAAAGGAAGAGGG G G G G G A G A A G G G G A GAGGGCCGGAAGGAAGGAAGGAAGGGGAAGGGGAA GGAAAACCCCGGAAGGAAAGAAGGAGAGAGAGGGAAAAGAAGGAAGGGGG

GAAGAAGGCGGGGAGGCAAAAAGAGGAAGGAAAAAAAAGGAAAAGGACAG AGAAAAAAACAGGAGGAAAGAAAACCGGGGGGAAGGAAGGGGGGCCAAAA GGGACCAAAAAGGGAAAAGGAGGAAAGAGAGAAAGAACACCCAGGGAGTT G G G A G G A G CA $\operatorname{A} G G G A A G G A A G G G G G G A C A G A G G G A A A G A A A A A A C C A G C$ CGGAAGAACAAGGGGGGGAAAAAAAGGAAGGAAAACCGGAAAAGGAGGGA GGGAAGGGAAAAGGGCCAAAGGAAAGGAAGGAAGAAGCCAAGGAGACGGA A G G G G A G G G A G A A A A A A A A $\operatorname{A} A G G G G G G G A C G G G G G G A C G G A G G A A A A G A C$ G G A G G G G G A A G G A A T T A A A GAGGGGGGCCGGAAGGAAGGAGGGGGAAAAA CACGGAGGGAGGGAGAGGGGGAAGGCCAAGGGGCCCCGGGAGACCGGGA AGGGCCGGAGAAGAGGGGAAAACCCCAGGGAGAGAAAACCAGAAGAAGGG AACCAGAGAGAGGGAGAGAAAAGGGGAAAAAAGGAAGGAGGGGAGGAAGA GAAGACACGGAAAGGAAGACCCAGGGAGAAGGGAGGAGGAGGAAGGAGA $G G G G G A G A A A G A C G G G G A G A G A A A C A A A C G G A C A A G G A G A A C C G G A G A G G$ GAAACGGAGGGACGGGGGGGGAAACGGGGCCGGAGGAGGAGGAAGGGAG ACAGAAGGAACCAAGGGGGGGGGGAAAGAGGGAGAGAAAAGGGGAAGAA A $\operatorname{A} A G G G G G G A A G G A C A G G G G G G G A G A A A A C C G G A A G A A C G A G A G G A A C C$ AGAAGAGAAGAGGGAGCCAAGAAAGGAACCAAGAAGAGGGGAGAAAAGGG AGGGAGAGGGAGAGAGTTGGAACCAAGAGGGACCAAAAGGAAAAAAAAGG G G A A G G G G G G A A A A A A A A A $\operatorname{AGGGGGGGGCCGGGGTTAAGGGGGGAAGGCCA~}$ A $\operatorname{AGGGGGGGCCGGAAGGAAGGCCGGAAAACCGGGGGGGGAAAAAAAAGG}$ AAAAGGAAGGGGGGAAGGAAGGGGAAAAGGAAAAGGAAAAAAAAGGGGAA G G G G A A G G A A G G A A A A G G AA G GAAAAGGAAAAGGGGCCGGGGGGAAAAG GGGAAGGCCAACCGGGGAAAAAAAAAAGGGGCCAAGGCCGGAAAAAAGGA AAAAAAAAAGGGGGGGGAAAAGGAAAACCAAAAGGGGAAAAAAAATTCCG GAAAAGGGGAAAAAAAAAAGGGGAACCAAAACCGGGGGGGGGGCCCCAAA ACCAAAAGGAAAACCAAAAGGAAAAGGTTCCAAAAAAGGAAAAAAGGAAG GAAAAAACGCCCCAAGCAAGGACGAGAGGCCAAAGGGAGGGGGAGAGAGC CGCAAAAAAGGAGGGCCGGCACAGAGGAAGAGAAAAGGGACAAAGAGGGG AGAGGAAAAAAGAAACAAAGGGGAAAAAAGGAAGACCGGAAAAGGGGAGA AAGAAAACCGAAACCAAAAACAACAAAAGGAGGAGGGAAGGGGAAGGCCA CAAAAGGAAAAGAGAAACAAGGGAGAGAGCAAACGCCGGCAAAGGGAGAG GAAGGAAGGGGAAAAAAAAAACACCAAGGAAGGAAGGGGAAACGGAAGGG GAAGGAAGGGACCGGGGACGAAGGAGACCACGAAAGGGGAAGAAGGAAAC CAAGGGAAAGAAAAACAAGAAAGAGCCCCAAAAAAGGAGGGGGGAAAAAG G G G A A G G G G G G A GAGGGGATTGGGGAAAAAAAAAAGGAAAACCGAAGAAA AGGGGGAATAAAAAAGGAACACCGGAGCCACAAAAACGGAAGGAAAAGGG GAAAGGGCGGGAGCAAAGACAGACCGGAAAAAAGGGGGAGGGGGGGGAG $A G G G G G C C A G G A A A G A A G G A A G A G A G A G G G G G G A A G G G G G A A A A G C G G G$ GCCGGAACCAAAACCAAGGCCACGGAGAACCAAGGAGGGAAGGCCGGGGA A G GAAAAAACAGGGGGGCCAGAGGGAAGAGGGACCAAGGAGCCGGGGGG AAGGAAAAAGAGACGAAGAGAAAAAACCGGAACAGGCCGGGAAAGGCGCA GGGACAAAAAGGGAAAAAGGAGAAGGAACCCCCCGACAAAGGAAGAGGGA AGGGAAAAGGAGAGAAAACCAACCAAAGACAGGAAAACAGAGACCAGGGA AGACGGAAAAGAAAAGGAGGCCGGAACCAGGGAAAACCGGGGAGGCAGAA GACCAAGAAAAAGAGGAGAGAGAAGGAAAAGGAAGGGAAAAGATCCAAAA GGGGACAACCAGAAGGAAGGAAGGGGAAAAAGAGAAGAAGACGGAAAAAG AAGAGGGGAAAAAACCGGGGGGTTAAGAAAGGCCAGGAAGAGCCAAGGGG ACAAAAGGGAGAACAAAAGGACAAAAGGAAAACCAGAAAAAGGGGAAAAA G G G G ACGGGGAGGGCCGGAAAAAAAAGGAGGGGGGGAAAAAAAAGGAAG GGGAGGAGAAAGGGGAAAGACAAAACCAAACAAACCCGGCCAAGGAAAAA A G G G G A A GAGGGACCACAAAGAAGGGGGAAAAAGGGAGAGAAGGGGGAA TTAGAAACAGGGAGGAACGGGGAAAGAGCCACGGAAAAAAAAAACCGGGG GGGAGAGGAACCGGGGAACAAGGAACAAGGAAAGGGGAAGGGGGGGCAG AAAGGAAAAGGGGAGAAAGGGAACACCAGAGGACAGAAAAGCAAGTAAAA ACCGGGAAAGGCCGAAAAGCCAACCGGAAAGGGAGAGAGGGACGGAACCG GAATTGGAGCAGAGGGGAGAAGAAAAAGAGGAAAAGGGAGAAAGACCGGG GAGAATTGGAGAAAGGGACAACCCCGGAGCCGGAAGGTAGGGGGAAAAGG GGCAGAGAGAAGAGAGGAGGAAAAGAGAAGGAAGGGGGAACAAGGGAGA AAAAGGAGCGGAAAAAAGGAAGGGGAAAGAGGAAAAAAAAAACAAAGAAA CCGAAGAGGAGGAAGAGGGAAAGGGGAGGGGGCCAGAGGAGGAAAGGAG GGGAACCAGAGGGAAAAGGGGAAAAAAAAAAGGGGAGAAACAGAAGGTTA

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 GAACCAACCGGAAGGCCGGAAAAGGGGGGAAAAGGAAGGGGAAAGGGAG G G G G A A G G G G G G G G C CAA $\operatorname{A}$ GAGAAGGAGAGGGAAGGGGAGAGAAAAAGG GAGAGGACAGAGACCAAGGGGGAAGTTGAAGCCGGGAGAAAGGGGGGCC GGAGGAAAAAAAGGGGAACCAAGGAAAAAAAAAAAAAAGGAAAAAACCGG GGAACCGGCCGGAGAAAGAGGGGGACGGGAGGGAGGCCCCAAAACCACAG G G G G GAGGAAGGAAGGAAAAAAAAGGAAAGACGGCCACAGGACCGGGGAC AA G G GGGGTTAACGAGGGAAGGAGGGACAAGGAGGAAGGGGGAAAAGAG GAGGGGGAGAAAAAACCGGAGAAGAGGCCGAGGGAGGCCGGAAAAAGAAG GAAAACCAAAGAAAACCGGCCAACCAAACAGAATAAAAGACAAGGAAAAAG A GCGGGGGAGGGAGTTAACCGAGGGGGGGGGGAGGGGGGGAAAAAGATG AAGAGGAGAAGAAAGGGAGAAAAGGCACAAAAGAGAAGACCAAAGAAAAA

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G G A A A A G G G G A A G G G G A A G G G G G G G G G G G G G G G G A A GGGGAAAAAGGGA CGGCCGAAGAAGGCCAACCGGGGAGGGAAAAGGAAAGGGAACAAACAAGA GGAGAGGAGGGAAGGGGGGGGGGAAGGAGGAAAGGAGAAGGAAACAGAG GGGGAAGGGAGAGAAGCAGGCCGGGGAAACGGAGGCGGGGAAAAGGGGG A G G G G G G G G A A A A G G A A A CACGGGAGAGAAACCGGAAGGAACCGGAAGGA A G G AA $\ln$ AGGGAAAGGCCAAAAGGGGAAAAAAAAAAGGAAAAGACCAGAAG GAGAGGGGGCCGACAGAAGGAAGCCGAGGAACCGGGGAAGGAACCAGAG GAA $\operatorname{A}$ G G G G A G A G G G A G G G A G A G G G G G G G A G A C G G G G A A G G G G G G G G G G A G G G A A GAA $\operatorname{A}$ GGGGGAAGGAGGGAAAGGTTTAGAGGGGGGAGAAAAAAGG AGGGAGGAGGACGAACCCAAGAAGGGGGAACCGGGGAGGAAAAGGGGAA CAGGGGAAAAAGGAAAAAAGGAGAACCGGAAAAGGGAGGGGGAGGGAGG AACCAGACAGGGGGCAGGGAGGGGAGAAAGGAGGAAAAGGAAGGGGAAA AAAAAGGACAAAAAGAAGGGGAGCCCCAAAAAAAAGGAGGGGGAAAAAAA GAAAGAGGGGGTAGGGGAAAAGGCAAGAGAGGAGGAGAAAAGGAAAACCG GCCAAGGGGAAAACCAAAAAAGAGAGAGGAAAGGCAGGGGGGGGGAAAAG AGGCAAAGAAAAGAAGACCACGGGGGGAAAAAACCAAAGACACGAAGAGG AAAGGAGCAGGCAGGGAAGAGGGAAAGGAGGCAAAGGGAAAAATTAAAGG GAAGGATGAGGGGCCGGAGGGGCGGAAAAAGAGGAAGGGGGAGGAGAGA A G G A A A G G GAAACCGGGGGGAGGAAGAGGGGAAAAGGAGGAAAGGAAGA AAGGAAACCAACCGGAACCAAGGGGAGAGGGCCAAAAGAAAAAGGGGCCA G G G A G G A G A A A G G A A A A A GAGAGAAGGGGAGAGAGCAAGTTACGGGGGG A G G G G GAAAAAAGAAAAGGGGGAAAGAGGGGAAGAAAGCCGGACAAAGAA A G G A G G GAAGGGAATAGGGGATGAGAGAAGAGAGGGGAAAGAACGGAAA GAAGAGAGGGGAGAACACAAAGGAAAAGGAAAAGGAACAAGAAGGAAAAC CGGGGAAAACAGAAAGGAAGGGGGAAAGAAAGAAAAGAGGGAAAATAGGC CAAGGAAAGGGAAAGAGGAGGAAGGCCCCGAATAGGAGGAAAAGGGAAAG AAACAGGGACCGGGAAAGGAAAAGGCCAAGGAAAAAAACACAAAAAAGGG GGGGGAAGGGGAAGGGAGGGGAAAAGAAGAGGAGGAGAACCGGGGGGAG GGAGGAAAAGGAAAAAGGGGACGAGAGGGAAGGGAAGGAAAAGGAGAAAA GGGGACAGAAGGAGGAGAAAAGGAAGAAAAAGGGGGACAAGGGGACAGA GAACCGGCCAAAGAGAGGGGGAAAAGGAGAGCGAGCCAGGGAGGAGGAG GGAAGGAGAAAGAGAGAGGAGAAGAAGGGGAACCAAGGGGAAGGAAGGA CGAGAAGCAGGAAAAAAAAGGAAGGAAGGGGGGAAAAAAAAAAGGAAAAA CATCCGGAGGGCAGAGAGAAAAAAAAAAAAAGACAGGAGCAACCAAAGGG AAAGGGAAGGGAAAGGAAAGGGGCCGGGGAGAGCAGACCAGGAGGCCCAA AAGGGAAAGGAAAGGAAAAAAAAGACCGGGGAAAAGAAAAAGGAAGAAAC CGGAGGACCAAAAAAGGAGAAGGGGCCGGAGGAGAGGAACAAGGAGGAAG G G G A GAGGGAAAAAAAAGAGGCCAGGAAGGGAGGGAAAAACGGGGGAAAA AGGGGGAAAGGAGAGGAAGGGAGGGGGGAAACAATCCAGGAGACAAAAGA G GAA $\ln$ CAGCCAGGGGGGGGGCGAAGGGGGGGGAGAAGGGGGGAAGAGG ACGAGGGAGGGGAAGGGGAAAACCAAGGAAGGAAGGAACCCCAAAAAAGG G G G G G G G G A A A A G GAAGGAAGGGGGGAAAAGGGGGGAAGGAAAAAAGGA AAAGGAAGGCCCCGGAAGGAAAAGGGGCCGGGGCCAAAAAACCGGAAAAA AGGAAAAAAAAAGCCGGGGCCGAGGGGAACCAAAAGAGGAGAGCAAACCG GCCAAAAGGACAACCAAAACAAGGGGGGGAAAGAGCCAAAAAGCAGGAAC AAAGAAGGGGGAAAAAGGGGGGGAAAGGAAAAAAAGGAAGAGGGGGGCC GGGGAAGGCCAAAGGAAGGAAGGAGGGGAGGAAAGGAGGGCCGAAGGAA GAGAGGGGAGGGGAACACAAGGAAAGGGGAAAGAAAGGAGAGGGGAACA GAAAAAAAGGAAATAAGGAACCCCAAAAAAAAAAAAAAGGGAAAAGGGGA GAGGCCAGCCAGGAAAAGAAGAAACCAAAGAAAGGGCCAGAAAAAGAGAG AGAAAAGGGGAAGGAATTAAAAAACAGAAGAAAGAGGGAAAAAGAGGGGG GGCCAAAGACGAAAGAAAAAAGGGACGGAACCGGAACCAAGAGGAGGGAA ATAAACCCGAGACCGAGAGGAGGAAAGAATCCCCGAAGAAAGGAACTTGG G G A G AA G GAAAAAAAAGGAACCGAAAGGGGGGAAAAAAAAAAAAGGAAAA G G G GAA G G G GAAAGACGGGGGAACGAAGAGAAACACGACAAAGGGAAGAA AGAAGGGGGAAAGGAAAAAAGGACCCAAAAGGAAGGAAGGGAGAACGAAG GAAGGGGGCAAGGGGGGGGGAAAAGGAAAAAACCAAAACCAGAGAAACGG AAAACCAAACAAGGACAAAAGAAAGGGAAAACGGGGAGGACCGAAAAAAA GAAGAAAGAGAAGAAGGGACGGGGAAAAGGGGGGAACCGGGAGGCCAAA GGGAAATAGAGAAGGGACCGGAAGGGGAAGGAAAGAGCCGGGGACAAAAA AAAGGAGAGGAGAGGAAGAGAGACACACAAAGGAGGAAGGGGGCAGGAG

GAAAGAAAGAAGGGCACAGAGGACGAGGCCAGAGGACCAAGGGAAAGAAG $G G G G A A G G A A A A G G G G A A G A G A G G A G A C A A A A G G A A C A A G A G G A G A A G G$ GAGAAAAAGAAGAAAGAGGAACCGAAAGGAAAAGGCCCAGAGGGGAAAAA AAAAAGACCAGAACCCCCAAACAGAAGGGGGTTAAGGACAGGGGGGAACG GGAGGAAGGAGAGCAGAGGGAAGGGAGGAGAGAAGAAGGAAAAGGGGGG TTAAGAACAGCAGGAGGGAAGGGGAAGGGAAGAGAAGGCCAAACGGGAGG GGGGCCGAAAAGGGGAATGAAGAAAGGGAACCAAAAAAGAGGAGCAAAGG ACAAAGCGGGCAAGGAGGGGCCAAAGACGGGAGGAGAATTGGGGGAGGG GGAGGAAAAGGAAGACATTAAGAAGAGGAAGAGGAGGAAAGAGAAGGCAC CAGGGGACCCCAAAAGAAAAAAAGAACGGGGGAGAGGAGAAGAGGAAAAG GCAGGGGCAAGAGACAGAAAAAGAGCGGAAAAAGAGGAGCCGGGGAGAGG ACAAAAAGGGGGGAAGGAAAAAAGGCCAAAAAAGGGGAAAAATGGGGGAG GAGAAGGAAAAAAGGAAAAGGGGAAGGGGGAACGGAAAAAAGGCCGGGG GGAAAACCCCTTGGAAGGGGAAAATTAAGGGGAAGGGGAAGGCCGGGGGG GGCCGGAAAAGGAAAACCGGAAGGGGAACCGGGGGGCCGGGGAAAAAACC AAGGGGAAGGCCAACCGGCCGGAGGAAGGAGAGGAGACAAAAGGGGAAAA GGAAAACAAAGGGGAAGAGGAAAAGGGGAGAGAAGGGGACAGAAGAGGA GGGCCGGAAAGGAAGAAGGAAGGAAAAGGAAAGAAGGAAGGAAGGAACCA AAAGGAACACCCACAAAAGGAAGGGGGGAAAGGAGACAAGGAAGACACGG AAAGACCAAGGAAGAAAAACCCCGGGGCCGGCCAAAAAAGGGGAAACAAG G G G G G A G G G G G A A A A G GAAAAGGAAGGAGAACCGGGGGGAAGGAGCGGA AAAGGAAAAGAAAGAGAGGACCGAGGGGGGGGGGAGAGAAAGAAGAAAAG GGGAAAGAGAACCAAGACAAGGGGGGAAGGAAAGCAAGAAAAAAGGAACC GGAAGGGGAAACAAGGACAAAGGAAACAAGCCGGAACCGGGAGGAGAAGG CCAAAAAAAAACGGGAAGGGGGGGGGAGAAAAAAAGAAGGAGAACCAAAA GGGAAAAAGGAGGGAAGACAAAAAGGGGAAAAGGGGAAAAGGGAAACCCC AAAAGGAAAGAAGGACAAAAAAAAAGGAAAGAAAACGGGGAAAACACGAA GACACCGGACAAAAGGAAGGGGGGAAGAAAAAGAAACCCCAACCAGAGAA AGAAAGGGAGGCAAGGGGAACCAAAAGGGGAAGAAAAAAAGGAACCCCGG A G G GAAAAGGGACCGGGAAAGGAGGGCCGGAAGGAAACAGAGGGGGGAG
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 AGGGAAGGGAAGACCAAAAGGGGCCGGGGGGAAAAGGGGCCGGGGCCGG GGACCCAAAAGGGGGGGGAAAAGGGGAAAAAGAAGAGGGAAAGGAAGGAA AAGGGGGGAAATACAAAAAAGGCCGGCCAAAAAAAAGGAGGGAAGGAGGG GGGGGCGGAGAGAAAGCAAAGGAACCAAGAAGGGGGCAAAAGAAGGAAAA GGAGAGGGAAAGAGGACCAAGGAACCAAACAAGGAACCGGGGGGGGGGCC GAGAAGGGGGGGAGAGGGCCAAAAAAAAAAAAAGACGGCCAAGGAAGGAA AAAAAAAAAAGGCCAAGGGGCCAGGGGACAGAAGGATTAAGAAAGGAAGA AGAAGGAGAGGGAGAGGGGAGGAGCCGGAGCAGGAAGGGGAAAGGAAAG GAGAAAAGGGCAGTTAAAGAAAAGGAAGGAAAAAAGGGGAAAGAAGAGGA AGGGAAAAAGAGGCCGAAAGGAGCAAGGGCCGGCCCCAAGGGAAACCACG GAAAAAAAAGGAGGGAGAAAAAAAGCCGGGGGAGGGGAGAAGGAAGGGG G GCCGGCCGGAGAGGGGAGAAGGAGGCAGGCCGGGGGGGGAGGGACAAA ACCACGAAGGGGAAAAGCCAGGGGGGAAGGAAAGACAGGCCAAACAAGGT AAAGGGGGGGGAAGGAAGGAGGAAGAAGGAACGAAAAAAGAAGACGGAAA AGAACGAGGCACCCCACGGACAGAGGAAGAAAGGGGGAAGAACGGGGAAA AGAGGAAGAAAGGCAGGGGAAGGGGGGGAAGAAAAGGGGAAAAAGAGGA AAAAAACAAGCCAACCAAAGAAGAAGGAGGGGAGAAAAGAAAAAGGCCCC G GAAAAGAGGAGACAAGGAAGGGGCCAGCAGGCACAGGAAGGAAAAAGGG AAAAGGCCGAGAAGAGGCATAGAAAAAAAAGAGGGGGGGAGGGGGGGGG GAGTTAAGGGGGGGGAACCGAAGAGGAGAGAGGAAGGGAGGGGGGAAGA AA $\operatorname{l}$ GGGATAAAAGAGGGAGGGGGAGGGATTACAACCAAGGAGGGGGAGA AGGAAGGAAAAAAAAAAGGAAAAGGGGAAAAAAAAGGGGGAACAAAAAAG

AAAAAAGAAAGGAGAACAAAAAAAAAAAAAGAAGGAACCGAGGGGAAGGA AAACCAACCAGCCAAAGAGAAGAGAGAGAGGGAGGGGGAAGAACCGAAAC AAGAGAAAAGGAGACGGCCAGGGGGGAGAAAGGAAGGGGGGAAGGAAGG CCAAGGAAAAAAAAAAGGAAGGAAACAGGGAAACGAGAGGAAGGGGAACA GAGAAAAAGGGGGGAAAGGAAAAAGGAAGGAAGGAAGGAAAAAAAAAAGG CAA GCCCCCCGGGAGGAAAAAGGAAGAGAGAGCCGGAAGGAAGGCAAGGG AA G GAACAAAAAGAGGAAGGCAGAAAAAGGGGAGAGAGAAGGGGAAGGAG GGACGGGGAACCGGGAAAAGCCCCGAACAAAAGGAGGGAGAACGAACGGA A G G G G G G A A A CCGGAAAAAACCGGAAGGGGCCGAGAGGAAGAGGAGCAG GATAGGGGGAGGAGGGGGGGCGGGAGAGGAGCCGGGAGGGGAAGGGGAA GGAACCAGGGCCGAAGGGAGAGAAAAGGGCACAGGGAGGAAGAAGGAAG GGGCAGGAGGGAAGAAAAGAGGGGGAGGGCCAACAACAGGGCAAGGAGG AGCCAACCGGGAAACCGGTTAGAAGAGGAGCAAGGGAGAACCACAGAAGA GAGGCAGGCCAGGAAAGGGGGGGGGGGGGGAGCCAGGAGGGGAAAAAAA GCCAAGGAAAAGGCCAAAAAAAAGGGGCCAACACCGGAAGGAGGAAACAC CGAGGAAGGAAGGGGAAAAAAAAAAAAGAGAGGAAGGCAGAGGGGAGCCA GCAAGAGAAAAACAAGGGGAGGGGGCAAAGGAACCAACGGGAAAGAACAG AGGAGGGCAGGAAAAGGAAGGAGGAGGGGGGGAAAAAGAGGAAGGAAAA G G A G G ACAGGAAAGGAAGAAAAAAAACCCAAAACAAGGGGGGGCAACAGG AAAGAGAAAAGGAGCCGGAAAGGGGGAGGAAAAACCAAAAAGCCGGCAGG AGCAAACCAAAAGGCAAAGGGGGGAGAAAGAAATGGAGAAAAAACCGGGA G GAAAAGGGGGGAAAAAACCAAAAGGGGAAAAAAGGGGGGAACCGGAACC AAAAAAAAGGGGAAAAGGGGGGGGAAAAAAAACCGGGGAACCAACCCCGG CCGGTTAAGGAAGGGGGGAAGGGGAAGGGGGGAAAAGGAAAAAAGGAAA AAAGGGGGGGGAAGGGGAAGGGGAAAAGGGGGGGGGGGGCCCCAAAAAA AAAA $A$ GGGGGGGGGGGAAAAAAAACCGGGGGGAAAAAA A G G G G C C G G G G G GAAGGGGAAGGAAAAAAGGAAGGAAAAAAGGGGGGGGAAGGAAAAAACCG GCCAAGGGGAACCGGGGAAAAGGAAGGAAGGCCGGAAGGGGGGAAGGAA AAAAGGAAGGAAGGGGAAGGAAGGGGGGAAAAAAAAGGGGGGAAAAGGA GGGAACCGGAAGGAAAAGGGAGGAGAGAGACAGAAAGGAGGGAGAGAACC CAAAAAAGGGGCAAAAGTAGAACACGGAAGAAAAGAGAGGAAACCAAAGA AGAAATAAAGGAAGGCCAGACAAAGGGGGGAGAAGAACACAGAGAAAGGA AA GAGAAAAAAAAGGCCGGAAGGAAAAGGGGGGGGAAAAGGAAGGAAGGA AAAGGAAAAAAAAGGAAGGAAAAAAAACCGGCCAACCAAGGAAGGAAGGC CAAAAGGGGAAGGAAGGGGGGGGCCAAAAGGGGGGAAGGAACCAAGGAA AAAAGGCCGGCCGGAAGGAAAAGGAAGGGGGGAAGGGGAAAAAAGGGGG G G G G G G G A A A A G G G GAAAAAAGGGGAAAACCAATTAACCGGTTAAAAGGG GCCGGGGAAGGAAGGGGAAGGCCAAAAGGAAAAGGGGGGAAGGGGAAGG TTCCGGAAAAGGCCAAAAAACCGGGGGGAAGGGGCCGGGGGGGGCCGGA AGGAAAAGGAAAAAAAAAAAAGGCCGGGAAGAAAGACGGAAAAGGGGACC CAAGGAAAGGGGAGAGGAAAAAATAAGGGAGCAGAGGAGAAAAGAAGGGG G GAA $\operatorname{G}$ GGGGGAGAAGAGAAAAAAGGGGAGAAGGGGGCAGAAAGAAAAGG G GCAA G G G G G A A G G G GAA G G G GAAAAGGGGGGAGCAGGCCGGAGGAACA AGGGAGGAAGAAACAGGGGAAGGAAGGGGGAACGAACGGAGAAGAGAAC GAACGAGGAGAGAAGGGGCCGGGGCATTAGAGAAGGCACCGAGAAGAGTA GAGGGACCGAAAAAGGCCGGGGGGAAGAAAGAGACAGGGAACAACCCAAA GAAAAGCAGAAAGAAGAAGGAGAAGGAAGGGGAGAAGGAGAAGGAAAAAA A G G G G G GAGGGGGAGAAAAGAGAAGGCCAGGGAAGAAGGGGGACGGAAG AGAGAAAGACCAAAAAAGGGGAAGGCCGGCCAAAAAAGGGGGGAAGGGAG AATGGACAGGGCCGAGGAAAGAAAGAATTGAGGCAGAGGAAAAGGAAAAG G GAGAGGGACCAAAAGGAAAACCCCAAAAGGGGAAGGGGAGAAGGGGAAA AGGAAGGGGCAGGACGAGACAAAAGGGCAAAGAGGAGAGAAGAGGCCGG G G G G G G AAAAAAAAAAAACCGGAAAGGGAGGAGGGGGGGAAGAAAAGAG G G G AAAAAAAAAAGGGGAGAAAAAACCAAGGGGAGGAACGAGGAGGAAGG A G A G A A G G GACGGAAAGAAAAAAGGGGGAAAGGGGGGGAGAGGCACGCC AAGGAACCAAGGAAAAAGAAAGCCGAGGCAGGCCGGGATAGGAGAAGGCC G G G G G G G G TAAACAGGAGAGAACCGAACGGCCGGGGGGGGAAGGGGAAA AAA $A \operatorname{GGA} \operatorname{GGG} \operatorname{GAGGGGCAGGAGGAGGGAAGAGAGAAACGGGGGGGGAAGG}$ GGCCCAGAGAGGAAGGAAAAGGGGGGGGAAGGGGAAAAGGAACCGGGGG GGGCCGGAAGGGGAAGGAACCGGGGGGAAGGAAGGCAAGAAGGCAGGGG GGGGGACCGGAAAGGAAGGAGAGGAAAAAGGAACAGACGGAAGGGGACA

GGGCCGGGGAAAACCGGGGAAAAGGAAGGGGAAAAAGGGAAGACCGGAG G GAACAAGGACCGGGGGGCAAGGGGGCCGGAACCAAGGAAAAAAAAAACC GGAAGGGGCCCCGGCAACCAACAAGGGGAGAGAAAGAAACAAAAGAGGAA A G G G G GCCGGCCGGGGGGCCGGGGGGGGGGGGGGGGGGAAAACCAAGGA A G GCCAAGGGGGGGAAAGGCGAGGGGACGCACCAAGGAAGGGGGGCCGG AAGGAGGGAAGAAGGGAAAAAGGGGGAGAAAAAAGGAGCACAAGAAAAAA GAAGGAGAAAGGGGGGAAGACCAGGGTAGAAAGGAAGAAAGGGGAAGAAA G G AC $\operatorname{GAG}$ GGGAAGGAGGGGGGGAGGAGACCAGAAAGAGGGAAGGCCACG GAGAAAGCAAAAGGGGAGAAGGAAGAGAGGGAGAAAGAAGGAAGACAGGC CCCGACCACGGGGGGGGGGAAGGGGAAAAGGGGCCGGGGAAGGCCCCGG AAAAAAACGACAGGGAAAGGCAGGGGGGAAGAGGAGGAAAGGAAAGGGAA A GAGGGGGGGAACCGGAAGAGAAAGGGGCAAAGGAAAAGGAAAAGGAGA G GAGGGGGAACGAGGACGGGGAAAACAAAAGAAGGGGAAGGAAGGAAAG GGAAAGAGCCAAGAAGAAGGAAAAAAAAGGAAGGGAGAAGGGAGGAGGGA GGAAGACAAGACGGGAGGAAGGAGAAGGGGGGGAGAAGCCAAAAAGAGG GAAGGAAAAGGGGGGGACAGAGGAAAAGAGGAAGAAAAAAGAGCCGACAA AA $\operatorname{GAGGAAGGGACCCAACCAAAGCCGGCCGGATGGGGAAGGGGAAAAGGG}$ GAA $\operatorname{GAGGGAGGGGAGAAGGAAAAAAAAAAAAAAGGAAGGGGAAGGAAAGG~}$ G G G G GAA G GAAGGAGAGACCCACGAGGAAGGAAGAGAAGAAGGAAGGGG AAAAAAAAAAAGGGGGAAGAAGCAACGGGGAAGGGGAGCCAGGGGGGGG GGAAGAAGGAAAAAAAGAATAAGCCGGGGGGAAAACCAAAAGGGGATAAA GAAGGAAAAAAGGCCGGGACCGGGGAGAGGGAAAACCAAGGGGAGCACCA GAAAAAAGAGGAAGAAGAGGACCAAAAAGCCAAGAAAGAAAAAAAAAAGG AAGGACCAAAAGGAGGGAAGAACGACCGAACGAGAGGAAAAAAAAGGAAG GAAAGAGAAAAGGCAGGGGAAGGGGGGGGAGAACCCGGAAGAGAAGGGG AGAAAAGGAAAACCAAGGGGGGAAGGAAGAAAAAAACAAAAAAAAGAAAG GAGGAAGGAAGGGAAGAGAGGGAAAGAAGAGAAAGGAACCCAAAAAGAGA ACGGAAGGGAGGAGACAAAAGGAGCCAAAAAACAGGAAAGAAGAAAAGGA CAGAGGAGAGAAGGGGAAAAAAGGAAAAGGAAGAAAGGCCAGGGGGGGAA GAGGAACCAGCCGGAAAAGGGGGAAAAACCAAGGGGAAGGAAAAAACAGG AAAAGGGGAAAGTAGAAGAGAGAGCCCCAAGGAAAAGGGGCAGGACAGGA AA $A$ AGAGAAGAAGGGGGAGAGGGGAAGAAAAAGGGGAAAAGGAAAACCAG
 GAACCGGGGGGGGAAGGGGCCGGGGAAAAGGGGAAAAGGAAAAGGAAGG CCAAGGAAAAAAGGAAAAAAGGAAAACCGGCCCCGGAAGGGGTTGGGGAA AAAAGGAAGGGGGGCCAAGGAAGGAAAACCAAGGCCGGAAGGAAAAAAAA AAAACCCCAAGGGGAAGGGGCCAACCAAAAGGAAGGAAAAGGGGGGGGGG G G G G G G G GAAAACCGGGGAACCCCAACCGGAAAACCAACCGGGGAAGGAA AACCAAAAAAGGAACCAAGGCCAAAAGGGGGGAAGGAAGGAAAAGGGAAG AGGGGGAAGGAGAAAGGGGGACGGAGGGCAAAGGCCGGAAAGGGGAAAG GGGAAAAGGCACCAGAAAGCCGAAACCAAAGGGGGAGGGGGGGCAAACCC GCAAAGGGGGGGAAAAAAAAAAAGGCAAGAGGGAACCAAGGGGAACCATA GAACACCCAAAAGATAAAAGGAAAAAAGGAAAAGAGGGGAAGGAAAAGGG GCAGAGGAAAGAAAAAAAGGGGAAAACGGCCAAAAAACGCCACGGGGAGA AAAGGAAGAGGAGCGAAAGATGGAGAGAAAGCAGGCCCCACGACAAGAGA AGAAGAGCGCCGAAGGGTTCCCCCAGAGGCCGCAAGGGAAGACAGCCGGG GGAGGGACCGGAAGGAACCGGGAAAGGAAAAGGTAAAAAAAGAAGGAGAG GAAGAAAAGCAGGGGCAGGGAGAAGAAAAAAGGAAGGGGGGGAGGAAAG G G A A G GAA G GCCGGGGCAGGAAGAGCGGGAGGGGCCGGGGTTGGACGGG G G G G GCAGACCTAACAAGAGACAAGGGAAAAAAAAGGGAAAAAAAGGGGA ATTAAGGGGAGGAAGAAGGCGAGAAGGGGAGAAAGAAAAGGAAGGAAAGA
 TAACAAGGGGAGGAAAGGGAGGAAAAAAGGTTGGAAGGAAAACGAGCCCA
 GAGAGGAGAAAAAAGAGGAGGGGAAAGAGGGGAAAGAAAAAAACCAAGGC CGGGGAAGGGGAAAAGGAAGGAACCAAAAGGAACCGACCAAAAAAGAGGA ATTAGTTAAAAAAGAGGGAAAAGAAGGCGAAAGAATTAAAAAAGGAGGGG GGGGGACGGGGAGAAGAAGAAGGGGGGGGAAAAAACCAAGGGGGAGGCC CCAAGGGGAGAAAAAAAGGGAGACAACCAAGACAAGACAAAGCACCGGGG AAAAGGAACCGGAAAACAAAGGCCAAGGGAAAGGGGAGGAAGAGAGAGAA AGAAGACACAGGAAGGAAACGAAGGGAGAACCGGAAAAAGCAGAGCGGAA

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 GAAAAGAAGGAGAAAATTTAAGAGAAACAAGGGGAGAGGGAAGAAAAGGG AACCAAGAAGAAAAGGGGCCGGAGAAAAAACCCCCCAAAAAAAAGGAATT AACCTTGGGGAACCGGGGGGGGGGGGAAAAAA GGGGAAAAGGGGGGAAA A G GAA $\operatorname{A}$ GAAGGAAGGGGGGGGAAGGGGAAAACCAAGGAAGGAAGGGGAA AGAGGGAAGGGAAAAGAAAGGAGGAAAAGGGGAAAAACGGAAGATTAGAG AAAA $\operatorname{l}$ GGGGGGGAAGGAGGGAAGGGGAAGGGGGGCCAAAGAGGGAGGAA GAAAAAGCCGGGGGACCGGGGGGGGGGGGGGGCGGAAGGAGAAACCCCC AA G G GAGGGACCCAAAGGAGAGCCAAAAAACCCAGAGGGGGGAAGGAGGG GGAAGGGGAAGGGGCCGGAGAAGAAAAGAAGGAGGGGGTTAAAAGGAAA GAAGGGGGAGGAAGGGGAAAGAGGAAAAAAAAAAGGGAAAAGAAAACAAA AAAAGAAGGAACCACGAACAGAAGAAGAAGGGGAAGGGGGGCAAGACAGC CAAAAAAAAAAGGAGAGAAGGAGCCAAAGAACCGGGAGGAAAAAACCCAA GACGGGGGGAAAACCAAAACCGGGGGGGGAAAAAGGAGGGGGGTTAAAAA AAA AAAGGGGACAGAGGGGGAACGGAAGGATCGAAGAGGGGACAAAGCAG AGAGGAAACAAGAAGAAGAAGAAAAGGAGAAGAGAAGAGAGGGAGACGAA GAAGGGGAAGAAGGAGAGGGAGAAAAAGGGAAGAAGGAAAGGGAAGACA GATTAAAAAAAAAAGGAGCCGGAGGGGACCGGAAGGAAGGGGAATTAAAA G G G G G GAACAAAAGCCAGGGGAAAAGAAAAGGAAAGAGGGCAGGAAAAAC G G A G ACTAAAGAAAGGGAAGGAGGAAAAAAGGAAGGGAAAGAAACCCAAG AAAAACGGGGAAGGCCACAGGGAAAAAGGAAGAGGGGAGGAAAAAAGACC AAAGAAAGAGAGGAGGCCCCAGGAGGACGGTTAAAAGAGGGAGGAGAACC GGGGGGAACCAAGGCCAAAAGGAGGGGGGAGAAGGCAAAGGGGAGGAAC CCAAAACGGAACCAAGGGGGAGGAAGAAGAAGGGGGATTAAAAGGGGGGA GAAAGGGAGACAGGAGGAAAAGGGGAAGAGGACGGGGGGAAAGGAGGGA GAGGGGGGAAGGGAGAGAACAGAAGGAAGGGGGGGAGATTAACCGGAAA ACCAGGAGGGGCCAGAGGAAGCCAAAAGAGGAAGAAAGAGAGAATAGGGA GAAGGCCGGAAGGGAGGGGGAACGGGAGAAAAGGGACGGGAGGAGGGGG ACCAGAGGGAAAGGGGAAGGGGAAGGGGCCAGAAGGAAGGGGGGGGAAG GGAAAAAGGGAAACCAAGGGAAAAGGAGAAGCAAGGAACGAGAGAGAAAG ACAGAGGGGAAGACACCAACCGGAAAAGGGAAGAGAAGGGAAAGGAGGGG G GAAC G G G G G G GAAAGGCCGGGGGACCAGAGAGAGACGAGGGGAAAAAG G G G GA GAA G GAAGAAGAGAGAAGGAAGGCCAAACGGAGAAGGAGGGGGA AAAGAAGAAAGGAAAAAGGAGAGGGGGGGAAGGGGAGCCGGAAAAGGGG G G G GCCGGGGGGGGAAACGGCCAGAAGGAGACGATTAAGAACAAGGAAG G G A A GAGCCGGGGGGAAGGAGCCAAAGAAAGGGGGAAGGAAAGAAAAAAA GACCCAGAGCCAGGAGGAGGAGAAAGGCCGGAAGAGAAAGGAGGAGGGG GCGAGAAAAAGGGGGGCCAAGGAAAGAGAGGGAGAGGGGGAGAGCCGGA AA GAAGGGGAGAAAGGAACGAAAAGGGGGAGAGCCAGAAGGAGAAAAAGT TGGAGGACCAAGGGGGGAGAAACCGGGGGCCACAAACAAAAAAGGGGAAA AAGAAAAGGGGAACCTACAAAACACAGAGAAGGAAAAAGCCGGGAGGAGA AGGAACAAAGAAAGGAACCAGGAAGAAGGGAAAGGGAAACCCCGAGAAGG GGCAGAAAAGGCCGGAAGGGAGGGGGGGAAACCGGACAAGACCGGGGGG

G GCAAACAAACCAGAGAAGGAAGGAAAGAGCGGGCAACGACCGGGGAAGG A GAAAAAAGGAAGGAAAAGGGGCCGGCACCAAGGAAGGGGGGGGGGGAA GAGAGGAACAACCAAAAGAGGAAAGAAAAGGAAACAGATGAAAAAGGAAA AAAGGGGCAGAAAAAGGGGGGAAGACCGAGGGAGGGAGAGGAAAAAGAAC CAGGGCCAAGGAAGGGGGGGGCAGGGAAGGGAAAAAGAGAAAAAAAAACA G G A CA $\operatorname{G}$ G GAGAGGGAGGAACCGGAAGGGGAGAAAAGGGGAAGGGAACGA GAAAAAAAGGAACCAAGGGGCAAAAAGGCCAAAAGGCCACGGAGGAGAGA GACGGGGGGAAAAGGGGAGGGGAAAAGAAAAGGGAAGGAAAAGGAGAGA AAAGAAGGCGACAAGGAGGCAAGAGGGGAGGAAAGAAGGGAAGAAAAGGG GACGGGAAACACAGGGAGAAAGGGAAAAAGGGGGGGGAAGAAAGGCCGG TATTCCGGGACCAGGGGAGAGGAAGGAAATAGGGGGAGGGGGGAGGGGG GAAAGGGGGGGCCGGAAAAAAGACCGAAGAGAGGAGGAAGGGGGGAGAG GAAGGGAGGAGAGGCCGAGGAAAGAAGGAAGAGGGAGAGACCGGAAAGA AAAAGAGAGAGGGGAAAGAAGAGCCGGGGAAGAGAAGAGGGAAGGGGGG AGACGAAAGGGGAAGGGGAAGGGGGGAAGGAAGGGAAGGGGGAAGGAAG GAAAGGAAAAGAAGGGGGGGACCCCGGAGGAGAGGGAAGACACAGAGAAA GAAAAGGAAGGACAAAAAGGAGGAAAGGAGAGGAAAAGGGGACCCGAGGC CGGAAGGGGGGGGGGAACCGGCCAAAAGGCCAGGAAGGAGGAGCACCGG AAAAGAGGCAGAAAGGGACCAAGGCCCCGGCACCAAAAAAGGAAGGAAAA AA $\operatorname{A}$ GGAAGAGGAGGGGAAGGAACCAGGAGGCCGGGAAAGGAGGAGGGGA AGAGGGGAAAGCCGGAAAGAGAACCCCAAAAGGGGAAAAGGAAAACCGGC CGGCCGGAAAAAAAAAACCGGAAAAGGAAGGAAGGGGCCTTGGGGGGGGA A G G G G G G G G AAGGCCAAGGCCGGAAAAAATTAAAAAAGGAAGGAAAAAAG GAAAAAAAAGGAAAAAAAAGGAACCCCCCAAAACCAAAAAAGGAAAAGGAA AAAAAAGGAACCGGGGAAAAGGGGAAAAAAGGAAAAAAGGAACCCCAAGG GGGGGGAAAAGGGGGGAAGGGGAACCGGAAAACCGGGGGGCCAAGGAAG GAAAAAAAAAAGGGGGGAAGGGGAAAAGGAAAAAAGGAAGGAAAAGGAAG GAAAAGGAACCAAAAGGAAAACCAAAAAAGGAAGGCCGGGGAAGGAAAAG GAAAAAAAAAAAAGGGGGGGGCCGGAAAAGGGGAAAAAAAAGGAAAAAAA AAAGGAAGGGGAACCCCGGGGGGAATTGGGGGGCCGGGGAAAACCGGGG AAAAGGGGGGGGGGGGGGCCGGGGAAAAAAAAGGGGAACCGGAAAAAAA A G G G G G G A A G G G G G G A A G G G G G G G GCCGGAAAACCGGAAAAAATTAAAA CCAAAACCCCAAGGAAGGAAAAAAAAGGGGGGAAGGGGGGGGGGCCAAGG G G G G G G G GAAAAGGAACCCCAAAAAAAAAAAAGGGGGGAACCAAGGAAGG G GAAAACCGGAAAAAAAAAAGGAAAACCAAGGGGGGAAGGAAGGGGGGAA G G G GAA G G G G AAAACCAAAAGGGGGGGGCCAAGGGGAAAAGGAAGGGGA AGGAAGGAAGGAAGGAAAAGGAAAAGGAAGGGGAAGGGGCCGGGGAAAA G GAAAAGGGGAAAAAAAAGGGGAAAAGGGGAACCAAAAGGGGGGTTGGG GAACCAAAAAAAAGGGGGGAAAAGGAAGGCCAAGGAAGGAAGGAAGGGGC CAAGGGGAAAATTGGAAGGAAAAAAGGCCGGCCAAAAAAGGAAGGGGGGA ACCAAAAAAAAGGCCAAGGCCGGGGGGAAAAAACCGGGGGGGGGGAAAAG GAAAAAAAAGGGGGGGGCCGGAAGGGGAAGGGGAAGGAAGGAACCGGAA GGAAGGAAGGGGAAGGAAAATTAAAAGGAAAAAAAAGGAAAAGGAAAAAA AAAAGGAAGGTTAACCGGAAGGAACCCCGGAAGGAAAAAGGGAACACAGA CCAAGGAACAAAGAAAGGAGGAAGGAAAGAAGCCAGGAAAGGAAGGGAGG A G GAA G G GAGAGGAAAGGAGGGAGAGAGGAGCCAACGACAGGAAGGGGA A G GAAAGGAAGGAAGGAGAGGGGGGGGGGCCAAGAGGCCAGGAAGGGAG AGAGAAAAAACCAAGGGGAAGGACAAAAGAAGCCGGAAAAAAAGGAGAAC AGTAAAGGAAAAAAAACAAGAGGAAAGACACCAGGAGAAACAAACCCCCC AAAGGGAAAAAAGGAACCAAGGAAGGGGGGGGAAAGAAAAGGAACCAAGG GGCCGGTTGAGAGGGGCCAAGAGGGAGGGGAAAAGGGAAGAAGAAGGGA GAGCCGGAGGAAGGGCCAAAAAGAAGGGGAAAAAAAAAAAAGGAAAAGGG GAAGGAAAAAGAACCAGAAGAGAGGACCCAGGAAGAAGGAAAAAAGGGGA AAAGGACGAAAAGGGGGCAAGAAAAGGAAGGAAGAAGGAAAGGAGGAGAG GAGGACCAGGAAGGGGGAGAGAGCCAAGGGGGAAAAAGGGGGGGGAAAG GGGGAAAACAAGCCAGGACGAGTTGGGGAAAAAAAGGGAGAGAAGGGAAG GAGAGAGAAGACGGAAGGAGAGGGGGGGGGAGCACCGGAAAAGGGAAGG GAAAACAGGCAAAGAGAAAAAGAGAACAAAAAAGGAAAAGGGGGGGGGGG GGGAGAGCCAGCCAGGGAAGGGGAAAAAAAAGGGGGGGGGACCAGAGGA GGAAGGCCAAAAAAGGAACCAACCGGAAAGGGTTAAAAGAAAAAAGGAGA GACAGACAAAAAGAGGAGAAGGGACCGGGACAAAGAAAGGAAGGAGAGAA

G G G G A A A A A G G G G G G G GAAACCGGAAACAGGGGAGGAGGGAACGACCCA G G G G G AA $\ln$ CAAAAGGAAAAGGACAAAGGAAAGGGAGGATACAGAGAACCC ATAAGAGGGGGAGGGAAAAAGGGAGGGGAGGGGGGAGGACACAGAGGGG GGAGGAAGACAGAGAGGGGGAACAAGCACCAGGAGAGAAGAGGGACGAAG AGAAAAAAGGCCCCGGAGAAGGAAAAGAGGGAGAGGGAAAAGGACAAGGA AA G G AA G GAACCAGCACGAGGAGGGGAGAGGAGGGGAAAGAAAGAAAAAG G G GAA $\operatorname{lnc}$ CGGAAAAGGGGGGGGAAGGGGGGAAGGCCAAAGAGCACAAAA AAAGGAGGGAAGGGAGGGAAGCCGAAGAGAGGGAACCCCGAGGGGAAGG GGAACCGGGGAAAAGGGAAAAGAAAAAAAAGGAGAAAGAACCGGAGGGCC ACAAACGCCCAAGGAAAAGGAAGGAAGAAAAAGGGGAAGGGGGGCCAAGA GGCAAGAGAACCCCAGGGAACCGGAAGGGGGAAAACGAACAAGGAAGAAA AGAGGAAGAGGAAGAAAGATCAGAGGAGAGGAAGCCGAGGGGCCGGAAG GCCAGGGGGGAAGAAAAGGGGGGGGAAGGGGGGGGAAAGACGGCCAAGG GGGGAAGGAAAAAGGGGGAAGAGGGGAGAAAAGAGAAAAGAAGGGAAGG GAAAAGAAAGGAAAAAGGGGGAAAGAAAAAACCAGGAGAGGAGGGGGAAG ACCGGAGGGAAGGAAAGAGACAAGAAAGGGGAAAGGGAGGGCCGGAAGG AAACCGAGAAGGAAAGGGAGGCGAGCGAAAAGGAAGGGAAAAGAGGGACC AA G GAGGGGGCCAAGGAACCAACCAAAAAAAAAAAAAAGGGGGGCCAAGG
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 ACGAGAGGGGAGAAGAGACCAAGGACTTGGAAGAACGGAAAGGGGGGGA G G G GAGGAAAGAAAAGGCCGGGGGGAAAAAAGGAAGGAAGAAGCCAGAG G G A G G G GAGAACACAAGGAACCGGAAGGAAGGAAGGGACAAAAAAAAAGG GGGAAGAAACGGGAGGGGAAGGCCAGAAGGAAGAGGCCAAGGAGACCAG GGGGGGAGGCAAGGGAGGGGGGGACAGAAGAAGCAGAAACAAAAAGAAG AAAGAGGAGAGGGGGGGGAGGGAAAAGGAAGGAGAAGGAGAACCGAAGA GAGGAAGAAGGAAGAGAGAGGGGGGGAAGGAAGGGGGACCAAACCAAAA

G G AAA $A$ AGAAGAGAAGGGGGGAGGGAAGGGCCGAAGAGCCGAACCCAAAA AGACGGACGAAAGAGGGGAAGGAGCAGGGAAGCCGAGACCGGGGAGGGC CGATTGGGAACAGGGAGAAACAGGAAGAGAAGGCCAGCCAACCCCGGAGC CCCCCAGCCAAAAAGGCGGGAGGGGGGAAAACCGGAGGAAAAGAAAGGGG G G GAA G GAAAGGAAACCGAAAGGGAGGAAAAGGGGAGAAGGGGCAGAGG
 GGTAAAGAAGAGGAGGAAGGGGAAGGAAGGAAGGAACAAGGGAGGGAGA GCAAAGGGGGAAAAAAGCCACAGAAAAAGAATAGGAGGAGCGGAAGGGGG AA GCAGGGAAAAAGAGGAAAAAAGGAAGAAAGGGGAGTTCGGGAACAAAG AAGCCAAAAAAACGAAAGGAAGAAAAAGGACAGAAACAGACGAGACAAAA AGGGGAAGAGGAAACAGAAACGGAAGGGACGTTAGAGAAAGCAGGAAACG GAGGGGGAAAAGGAAAAGGAAGGAAGGGGGGGGAAAAAAAAATAAAAAAG GCCAGGGAGGACCAGAACCAAAAAGTTAAAAAGAAGGAAAAAAGGAAGAC C G G G G G G G G G G G G G GAAAAAA $A$ AAAAAAGGAGAAGGAGGGGGGGGGAAAA CAGGGGCCAAAAAGGAAAGGGGGGAAGGTTGGCGGGAAGGGGGAAGGAC CCCAGACAGGAAGGAAGGAGAGGGGAGACAGGGGAAGGAGAGGACCAAGC C GAGAAAGGAGAGAACCGGAAAAGGAAAAAAGGAAAGAAGAGGAGAAAAA G G G A GA G GAAA G G G G G GAA G GAAAA G G G G G G G G G G G G C C G G A G G G G G GA G GAA $\operatorname{A}$ GGAGGGAGGACGGAAGGGAGGGGGGGGAGAGGGAACAGGGACAG GAAGGAAGGGGGGGGACGGAACAGGAAGGCCAGGAGAAAAAGGAAAAAAG GATGGGGGGAAGGGGAGAAGAAGCCAAAAAAGGAAGGACGAGACAAAGGC CAATTAAAACCAAGGGGAAGGAAAAGGAAGGGGCCAGAAAGCCAAGACAG AAAAAAGGGGGGAAACAAAAGAGAAGGACAAAAAGGGGGGGGGGGAGAAG G G G G G G G CCCCGGCCAAAGAGAGACGGAAGAACGAAAAGAGAAGGAAGGG G $\operatorname{G}$ G G G G G G GACAAAACCGGAAAACCAAGAGAAAACGGGAAGAAAGGGCAG ATTGGAGGGGAAGACGGAAAGGACCAAGGAGAAGGGGCCAACCAAGGAGG GAAAAAGGAGGGACGGGAAAGGGCCGGAAGGAAGAAGCACCGACCGGAAG AAAAAGGAAAAGAGAGGGGAAAAGGAAGGGCGGGACCAAGGCAGGGGCCG GAAGGGGAAAAAGGAAAGAAGGAAAGGGGGAAGAGAGAGGAGAAGGAAG AAAAGGGGAAGGGGGAAGGAGGGGAAAAAAGGAACGCCAAGGGGAAGGG AGGAAAAAGAAGGAAAGAGGGCAAAGGAAAGAAAAAGAAAGCGAAAGAAG GAAGGAGAGGAGAAAGGAACCAAAAAAAGAGAAGGGGGACCGGAAGGAAG G G G G GCAA GACAACAGGGGGAAAGGGGAAGGGGGAAAGGTTGACGCAAG GAAAAAGAGGAAGGGGAAGGGGAAAACCGGGAGGAAGGAGAAGGCCGGA GAGAGGGCCGGAGAGAGAGGGGGGGGGAAAAAAAAAACACCCCGAGGGAA AGGGGTTAAGGGAGAGGAGCCGGAAAAGGGGAAAAAAGGGGGGGAAAGG AA G G AAAAAAGAGAAAGGGGGGCCGAGGGGACAAGGACACAGGGGGGGA GAA $\operatorname{A}$ G G G G G G G G G A G A G A G A G G G G G G A A G GAGGAAACGGGGGAGGAAGG AA A A G G G G G G G GCCGGGGAAGGAAGGAAGGAAGGAAAAAAAAGGGGAGG GAGAAAGACAAAAAAGAGGAAGACCGGGCAAAAAAGGAAAAGGCAGAGAA GAAGGAGGGGGGAGGAGGGGGAAGGAAGGAAGGCCAAGGAAAAGACAAC AAGAGAAACCCCGGAAGGTTAACCAACAAGGGGGAAAAAAACAAGGCCGG AA GAAGAGACCAGGAAGGGGAAAAAAGGAAAAGGGGGGGAAGCCAAGAAG A G G GAA $\operatorname{A}$ GGGGGGAACGGGGAAGGAAAGGGAAAAAAGGGGGGAAGGGGA AGAAAAAAAAAGGAAAAAAATCCAGGAACACCCGGAGGGAAGGAAGGGGA AGGGGAAGGCCCCAGGGGAGGGAAGGAAAAAAAAAAACAAAACAAGAAAA ATTAACACCAGAAGGGGGGAAAAAAAAAAAAGGAAAGAAGGGGAATAGGA GAAAAAGAGAAAAAACCCGACAGAAAGAAGAGGCCGGAAAAACGGGAAAA AA G G GAGAGGGGAGGAAGGGGGAAACAGGGAAAGAGGGACCCCGGGCAA ATGAGGAAGAAAACAGAAAACCGAAAGGAAAAAACCGGGGTAGGAAGGAG AA $\operatorname{H} A \operatorname{A} A A G G G A G G G G G A A A A G G A G C C A A C C G G A C G A G G A A A G G G G G G G A$ A G GAA G GCCAAGGGGGGCCTTCCGGCCAAGGAGAGAGGAGGAAGGAGAG G G G GCAGAAGCCAAAGAAGACCAGGGGGAGCCGAAAGGAAGAAGCAAGGG AAAAGGACGAGAAGAGGGAAAAAACCAAAAAAAGCCAAAGAAGACCAACC GGAGAAAAACCCAAGGAGAGGAAGGGGGGGGGCCGGAAGGGGAAAAAGA AGGGGAAAAACGAAGGAGACCAAAGAGAAAAGGAGAACCGGGGGGCCGAG GAAGGAAGGCCGGCCGGGGGGCCGGAAAGGAACGGCAGGAAAAACCCAAG GCCAAAAAAAAAAGGCGAAAAGAGGAACCGGGGAGGAGAGGAGAAAAGGG GAGGAGAACCCAAGGAAAAAAAAAAAAAAGACCAGGGGGAAGGGGAAAAA GCCGAGGGGTTCCGGCCAAAACAGGAGGAAGAAAGGAAGAAGGGGGGCGA AAAAACAATGCGAGACCAAGGAAAGACAAAAGAGGGAGGAGAGAGGGCCG

GGGAAGAAGACGAAAAGACAAAAAAAGAGAAAACAGAGAGGGGGAGGAAT TGGGGAACCAATTGGAAAAGGAAGGAGAAGAGGAAGAGGAAGGGGAGAG GAAGAAAGGAAACCGGGGAAGAGGGAGAGGAAAGAAACGGCCAAAAGAGG CAAAAGAAGAAGGGGGAGGGCCAAGGGGCCAAAAAAAAAAGGGGGGGGGAC AACAGACACCGGGAGGAAAAGGGAAGGAAGGGGGAAAGAGAGGGAAGAAA CCAAAGAAGGAAGACCACGAGAGAGAAAGGGGGAAACCAGAAAAAAGGAA G GAACCACGAGAAAAAGGAAGGGGGAGAAAACAAGGGGAAGAGGAAAAGG A GAGCGCCAGGCGCACGAACAGCCGGCGGGAGAAACACAAGGAACCGAGA GGAAACGGGGAACAGAGAGGAGGGAGAGAAAAAAGAGACCAGGAAACAGA AAAAGAGAAAGGGGCCGGGGACCCCCGAAGGGAAAAGGGGGGGGGAGAG GAGAAGGATCCGGAGCCCCAAAGAAAGGGAGCAGAAAGGGGAAGGAAGGA AGGAAGGAAAAGGAAAAGGAAGGAAGGCCAAGGGGAAAAAAAAAAGGGGG GAGAGAGAAAAAAGGAACCGAGGAAGGAGGGCCGAGGCCAGGAGAGGAAA AAAGAAAAAAAAAAAAGAACCCCAAGGAAAAGGAAAAAAGGAAGGGAGGG AAAGAGGAAAAAACCGCGGACAGCCAGGAGGGAGGGGAAGGAAGGAAAGA G G G GAGGAAGGGGGGAGAAAAAAGGAGGAGGGGCAACCAGGGAGAACAG GAGGGAGGAAAAAGGGAGAGGGACTTGGAAGGCAGGAAAAGACAAAACGG AGAAGAGAAAAAAAGGGAAGGGAAAGGAGAAAAGCCAAGGGACAGGAACC AA G G G GAA GAGGAGGGAAAACCGGCCGGGGAAAAAAAAAACCCCGGGGAG AGGAAGGGAAGGGAGACGACACGGGGCCAGCAAAAACCCACCGGAAGAAA AGAGAAAACAGGGGGGCCGAAAAAGGAGGAAGAAGAGGAGGGAGAAAAGG G G G G G G ACAAGACCGGAAAAGGAAAAAGAAAAGGAAAGAAAAAAAAGGGG G GCCGGGGAGGAGGGATAGAAGAAGGAACCGGGGAAAGGGAAGAAAGGA AAGAACCGAAAAGCCAGAGGAAAGGAGTAGAGGAAAACCAAAGAGAAACA GAGAGGAAAAGAGGAAAAAAAAACACCAAAAAAAGAAAAGGGAGGCCGAG ACCAGAATTAGCCGGGAAAAAAAAGGAAAGCGGCCAAAAGGGAGGAGGGG GAAAAGGAAGGCCAAGGAGCCGAAAACAAGAAACCCAAGAGAAAGAAAGG AA GCCCCGAGAGGGGGGGGAAGGGGAAGGAACCGGAAGGTTAAGGCCGG GGAACCGAGGAAGGAAAAGGAAGGGGAAGAGGCAAGAGCAAGAACCCGAA CCGGAACCGGTTTTAGTTACAGAAAAAACCAAAAAGCACAGGCCGAAAGG AAAAAGACAAGAGAAAAGCCCAAAGGAAGGAGAGGGCAGGAAAAGGGGGG GGAGAGGGAAACGGGGAGCAAAAGAAGAAGACACCAAGGAAGAAGGGAGG AAAAAGAACCGGAGGAAAGGGAAGAAGGGGGAGACACAAAAGAGAAGAGA GGAAAGGGAGAAAAAAAAAGGACCCCAAGGGAAACCGGACCCAGAAGGAG G G G GCCGGGGAGCAGGAACCCCGGGGAGCCGGAAGAACAGGAAAGGAAA G G G G G GAGGAAGGAAGGAAGAGGAAGAACAGAGGGACAGCCAAAAAAAGG AAAAGAAGGGGAGCCGGAAAGACAAGGGGAAAAGAGGAAGAGAAAAAGGA GAAGAAGCAAAGGAAGGGGAGGAATGGGGAAGGGGAAGAGGAGGGCCGG CCAAAAGAGGGAAAAAAAAAATAGCCAGACAGAAGAGGAAAGAGAAAGGG CCGGAAAAGGGAAGCAAAGAACGGAAGGAAGAAGAGGGGGGGAAGGGGG G GAAGGGAAAGAGGAAGAAGAGGAAAAGGAAGGGAGAAAGGGAGCAACCA AGGAAGGAAAGGGAACGGAGGAGGGAAGGAAAAAAGGCAGGAAGGAAGG GGAGAAGAAAGGGGGAGCGGGGGGGAAAAAACCCGGACGGAGGAGGAAG G G G A G G ACCGGGGGAAGGAAAAGGGAGGGGGGGGGGGAGGGAGGGAGAG GGACCGGAGGGGCCACAGGGGAAAACGGCCGAGAGGACGGAAGGAAGGG GGGAAGAAGGAGAGGGGAGGGAAACGGGGAAAAGGAGGGCAGGGGGGGG AAAAAAGGAAGAGAGAGAGAGGGGAGAAGAAAGGAGAGAGAACCAAAAGG GGAAGAAACAAGGGGAACAGGGGGACAAAGAGGAGGAAAAACGGAAGGAG G GAGACGAAACCGGAAAAAAGAAGAGGGGAGGGAGAGGAGGGTACAAGGA G G G GAA GA GAGGCCTTAGGAAAAGAAGAGGAAAGGGAAGGGGGGGGGGG GACAAGGGGAAGGACGCAACCGACCCCAAAAAACAGGAAGGAGACAAGAC AAAGGGAAAGGAGCAAAAGGAGGGGGGGGAAAGAAGGAAAGGAGACCAAG GCCAGAAGGAAAACCCCGGAGAGCAGGAGGGAAGGGGCCAAAAAAGAAAA AGGAAGGAAGGAAAGGGACAGGGGAGAGAAAAAAAGAAGAAGGGAAAGAG GCCAGGGAAAAACAAGGGGGACCAAGGGGGGCCAAGACCGAGGGAAGAAG GAA $\operatorname{G} G \mathrm{G}$ GGAGAGAAAAAGGGGAGGAGGGGGGAGGGAAAGGGAGAAAAAA CAGGGAGGGAAAGGAGGAGGCAAAGGAACCCCCCGGAAAGCCGGAGAAAA GGAAAACAGAGAGGCAAGAGGAGGGACACGAAAGCAGGCCGGAGAGGGAA AAGGAAAAGACCGGAGCAAGGAAGAAAGACAGAGAGGGAGGGGGAAGAAC GAGAGGAAGACAAAGGAAAACCAGGGAAAGCCAAAAGGAGGACCGGGAAA AGCCATCCAAAAGAGAGGGGGGCCAAAAAGAGGACCGGCAGACGAACCGG

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 A G ACGAGGAAGGAAGAGAAGGGGGGGGAAGAGAGACGGAGAAGACAAAG GGAGAAAGAACGGGAGAGGAGAAAAGGCAGAGAAACCAAGGGAGGGGGAC CGGGGCCGGGGAGAAGAAGAAAAGGAAAAGGGGAGGGAAGAATAAAGAAA AAATTAGGGAGGGGGAGGACAGGAGGGGGATCCGGAAGAAGGGACAGAA CCGGAGAACAAAGGGGAACCGGAAGGAAGGAAGGAAAGAAAAAGACGGAA GGAAAAAAGGACAGGACGCAGGAAAAAAGAAGAAGGGAGGAGGAGAAAGA AAATCGAAGGACGAGGGGAGGGCCGGAAGGAAAAAATTAGGGAGAGAAGG ACGGGGGCAGGAGGGGGAAAGGGGGGAGGGACAAGAAGCACCGGAGAGA AACGGGGAGAGAAAGGGGGAAAAGGGGGGAATTGGAACCAAAAACGAAAA AGGAGAGAAAGACCCAGGGGGGAAAACGAAGGAAGGGAAGGCCGGAAGGA GAACGGGCCAAGGACAGCCCCGGGGAGGGGGGGAAAACCGAAGGAAGGG GGAAGGCCAAAAAACCGAAGAGAAGAACAACCTACCAAGAGGAAAGCCAA GGAACGAGGAGGAAACAACCAGAGAAAGACCCCAAAGGAAAAACGGGGAA G G G G G GACGGCCCCAAAAACGGAAAGACAAGAGAAGAAGGGGGGAAAAAC AACCAAAATTGAAGAGAAAAAAGAACCAAGAAGAAGAGACACGGGGCCAA AA $\operatorname{G}$ GAAGGAGGGAACAAACCGGCCAGGGGGAGGGAAGGGAAACCGGGGG GAGGGGGGGAAAAAAAAAAAAGGGGAGGGAAAAGAACAAGGGAGAAAAAC AGGTAAAAGAACCGGGAAGAAAGGACGAAAAAGGAGGAAAAAAAACAGAA AGAAATTCAGGAAGAGAAAGGAGGAAGAGAAAATTGGGGGAAAAGGGAAA AAAGGAAAACCAACCAGCCAAAACCGAAGGGAAAAGGGGCATTGAGGGAC

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CAACAAACGGGGGACAGAAGGGGCAGGAGAAAAAAAACCGGGAGGGACCG GAGAACAAAAAGGAAAAAAAAACGGAAAAAAAAAAGGGAAAGAAGGGGGA GAAAAAGCCAAGGAAAAGGCCAAGGGGAAAAGGGGGGAAGGGGAAAAAAA AGGGGGGGGGGAAAAGGAGGGAAAAGGGAAAAAAGAGAAGAAAGAGAAG AGGGAAAGAAGAGAGGGGGGGGGGAACCCAAGAAAGGAAACCAAGGCCAG GGAAGGAAAGAAAAAAGGTTGGAAGGAAGGAGACGGAGGGACGGGGAAG GCAAAGGAGGGAAGGAAAAAACCACGGGGGGGGAAAACCAAAAGGAAAGA AGGAGAGGAGGGGGAGAAGCCAGAAAAAACCACAAGAAAACAACCAGCAA GGAAGGAGAGGAACAAAGGAGGGGGCCGAGGGAAGAAGGGGGGGGGGAA AAAAAGACAGGGAGACGGAAACAGAGGAGGAGGGCCAGGGGGAAGGCCG GAGGGAGGAAAAAAAGGAGGGAACCAAGGGGGATTAGAAAAGGAAGGGGC CAAAAAAAAAAGGGGGGGGAAAAGAGGGGAGGGGGAAAAAAGGAAAAAAG GGGACGGCCAAGGGGAAAGCCGAGAAAGGTAAGGAGACCACAACCAAGCA ACCAAAGGGGATAAACCGGAGAGAAAAAAGAGAGGAGCAGGAAAAAAGGC CGGGGAACCAAGGAAAAGGAAAAGGCCAAGGCCAAGGAAGGCCGGCCAAG GGGGGGGAAAAAAAAGGAAAAAAGGAAAAAAAAAAGGGGAAAAAAAAGGG GCCCCAGGAGAGAGAGAGATACAGGGACCAGGGAAGGCCGGAACCAAGGA GAAGGAAGGAGGAGGAAGGAAGGGAAAAGGAGAAAGAACAGAAAAAAAGG AAGACAAAAAAGGGAAAGGAGAAAAAAAGGGGGGACGAAAAAAGGAAGAG GAACGAGGAGAGGAAGAAAAAGGAAGGGGCCAAGGGGGGGGGGAAGGAA AAGGAAAAAAAAAAAACCAAAAGGAAAAGGAAGGGGGGGGGGCCAAAAGG GGCCGGAAGGAACCAAAAAAGGGGGGAAAAGGAGGAGAAGAAAAAAAAAC GAGACCAGACCAAAAAAAAAGGGGAGAGACGAAGCAGGGGAGGGAAGGAG GAGGAGAGAGAAGGAACCCCGGGGAAGAGGAGAAGGGGGGCCAAAAGGG AAAGGAGGGAACCGGGGGGAGAGAACGACAGGAGAGAAAAAAAAGGGGAC CGGGGCCGGAAGGAAGGGGAAGGGGGGAAAAGGAACCAAAAAAGGGGGG GGAAAAGGGGAAAAGGGGAAAAAAGGAAGGGGGGAAAGAAGGAAGGAAAA CCAACCGGGGGAGGACAGGAGAAGGAAAGGGGAAAAGAGGGGCAGACCTA AGGGGGGGAAAGGGGAAGGGAAACGAGGGGAGAGGGGAGGGGAAGGAGA GAAGAAGCCAAAAGGGGGGCCGGGGGGGGGAGGCAAAGACCACCCGGAG GGGGGGGGAAGGAAGGGGAGCCAGAGAGGGAAAAGGGGAGGGAGGGGAG AAAGGGGAAAAAGAGGGGGGAGGAGAAGGGAAGAGGGGGGGCAGAACCC AAGGAGGGGGCCAACCGGGGGGAACCCCCCGAGGGGGAAAGGCCAAGAG GGGAAAAGGGGGGCCAAGGAGGGAACCGGAAAACCAAGGCCAAAACCGGG GTTGGGGAAAGCCGGGGCCCCGGAAAAAACCAAGGAAAAAAGGGGGGGGC CAAAAAGGAGGGAAGAAGGAAAACCGGAAAAAGAAGGGGAAGAAGACGAG AGGGGGGGGGGGGAACCGGGACCAAAGAGGGGGAAAGACGAGGGAAGAG AA G GA GAACCGGAGAGGGAGAAGGGGAACCACAGGGAAGCAGGGGGAGA AAAAAAAACGGGAAAGAAAGAAAACGGACACGGGGAAGGGGGGCCGGCCA AAAGGAGCCAACCGAGAGGGAAACCGGGGCCGAGGGACCGGGAGAACGGC CAAGGGGAAGAGGAGGGAGAGCAAGAAAAGAGAGGGGGGGGAAGGAAAG AGAAAGGGAATTGGAGGGAAGAAAAGGGGGCCAAGGGGGGAAGAAGCCAA AGCCGAGGAACCAACCGGGGAGGAAAAAAAGGAAAACAGGGGGGGGAAGA GGGGGAGGAAAAGAGGCAAGAACAGAGGAGACGGGGAAAAGGATGGCCG GGACCGGAGGGAGGGGGAAGAGGGGGGAAGGGGAAGGAACAAGAAGAAG AGCCAAGGAAGGGGAAAGAACCAAAAGGGCCAAGAGACGGACGAGGGCGA AGAAGGCCCAAAAAAAGGAAAAGGGGGGAGGGGAGAGGAGCCATAGAAGG AAAAAAAGGAAGGGCCAAGGCAAGCCAACAGGGACCGGGGAAAAAAGAGG GAAAGAGAAGAAAGGGAGAAGGGGGAAAAGAGAAGAAGCCAGAGGAACGA AGAAAAAAAAGGGAGAGGGACCCCCCGGAAACACAGAGAGAAGGGGAGGG GGAAAAGGCCAAGGGGAAAAGGCCGGAACCGGGGGGAAGGCGAGGAGAG GAGAGGGGAGGGAAGAGCCAGAAAGGGGAAAGAGAGAGAGAGGGGAAGG GGAAGAACGAGGAAGGAGGAGGGGAGAGCCCAAGCCCCGGGAAGAGAACA AGAGAAGAGGAGGAGGAAAACCGGAAAAAAAGCAAAAAAAGGCCGGGAAG GGGGGAGGAAGAAGTAAAAGGGAGAAGGAGAAGCAAAGAGAGGGAAAAG GAGGGGGGGGGGGGGCAAGCAAGAAGGAAAAGGGGGAAGCAAAAGAGAA AA $\operatorname{la}$ AAAAGGGGGGGGGGCCAAAAAAGGAAAGAGGACAGAGAGGGGGGG GAAAAAAGGAAAAGGAAGGAGCCAGGGAAGGGACCAGGGAACCAGGGAAA AAAAAGGGGGGAAGGAGAGGGGAGAAAAACCAAGGAAAAAACCAGGAAAG AAGGGAAAGAAGAGGGGGGACAAAAAGAGAAAAAAGAGGGAAGGGGAAAA AGAGAGGAGAAGGAAAAGGAGGGGGAAACACGGCCGGCAGGGAAAGGCC

G GCCAGGGGGGGGGGGCCGGGGGAGGGGAAGGAAGGAGGGGGAAGGAAA
 AAAAAACAGGGAAGAGAAGGAAGGGGCCGAGGGGGGAGAGAAAGCCAGG GCAGAGGGAAGCCGGGAGGGAGGGAGGAGAGGAAAGAGAGGAGGGAAGG AAGAGATACCAAGAAAAAGAAGGGGGAAGGGGGGGGAAAACCCCCCAAAA AA GAAAGGCCAACCAAGAAAAGAAGGAGGGCCGAGGGGAAGGGGGGGGG GAAAAGGGGAAAGCCGCAAGAATAGCAGGCACAAAAAAGGGAAAAAAAAA
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 GGAAGGGCAAGGAACCAGGGAGGGGGAGGGCAAGACAGGGGGGGCCGGG GGGGGCCCCACACAAAGCCAAACGAGAGGCGCACAAAGAAAGGGGAAAAA G G G G GCCGAACGGACAAAAGGAAGGAAGGAAGGGAAGCCAGGAGGCCTAA GGAGGGAACGGCCGACAGAGAAAAAGGAAAGAAGGGGGGCAAAAAAACCG GGGCCGGGAAAAAAAGGAGGGGGGGGGAGAGAGGGGGGGGGAACAGAAA AGCCAAAGAAGGAAGAAGAAAGAAAGGGGAGACAAGGGGGGAGGGAGGG G G G GACCGAAACCGGTTACGGGGAAGAGGAAGGGAAGAGAGGGAAAAAAG ACAGAAGGGGGGGTTCCAGCAAGAAGAGACCCCGAGGGGGGAGGGCAAAC CGGGAAAACAAACCAGGGGAAGAGGTTCCGAAAAAGGCAAAAGCAAAAAA C G G A G G GACGGAAGAAAAAAGAGGGGGGGGGAGCAGACCAACCGGAAGG G GCCAAGGAAGGCAACGGAACAGGAAGGGGAAGCAGAAGGAGGAAGGCCC AA G GAA $\operatorname{A} A A A G G A G G A A A G A G G G G A A A G G G A G A A G G G A A A G G G A A G A A G ~$ A AC CAAA G G G G GAGGGGGAAAGGGGGGAAGGCCAGGGGGAAGAGAGGGG GGCCCAGGCAGGAAGGAAGGGGGACAGGCAAAGAAAGAGGGGAGAGACG G GAGAGGAAGGGGGAAGAGCCGGGGAATTAGGGGACCGAGAGGGAAAAA AAGGTAACAAGGGAGGAAGGGGAAAACCGGGGAAAAGGGGAACCGAAAGG GGACAACCAAGGAACAAAGGCCAAAATTGAAGGGGAATAAACGGCCAAAA GGGGAGAGAGAGAAAAGAGAAGGGGGGGAAGAGAAAGGAAGACAAAAAGA GGAAGGGAAAAGCCGGGGCCGGGGGAAAGAGGAACCGGGAAGAGAAGGG AACGGAAAGAGAAAAGGGGGGGAGGCCGGGGGGGGGGAAGGAAGGAAAA GGGGGGCCGGAAGGGGCCGGAACCGGGGAAAAAAGGAGGGAAGGGGAAG G G A A GAA G G G G G A G G G G G AGGAAACAGAGGGAAAAAGCAAAAAAAAAGGG GAA G GCCAGAAGAACAGGAGGAGAGAGGGGGGGAACAGGGGGGAGGGAG G GACAGCCAGAACAAGGAGGCCAAAACCCGGGAGGGGGGGCCAAGACAGG G G G GAAAAGGAGGAGGGGAGGGAACCACAACAAGGGGGAAGGAAAAGAAC AACAGAACAGAAGAGGGGCCGGGGAAGGGAGAAGAGAAAAGGGGGGGAG G G G G G G G G G GAGGAAGGAAGGACAAGGAGACAGGGAAGGGAGACCGGAA GAGGGAAAGGAGAAGGACAAGGAGAAAGGGGGCAAAAGGAGAAGAACCCC GAGGAAGAGAAGGAGAAGGGAACCGGAACCAAAAGGAAAACCAAGGAAGG GGAGCAGAAAGGAAAGAAAAGGGAAACGGGAAAGAAGGGAGAAGGAAACC AAAAGGACGAAAGGGGAAAAAAGAGGGGAGGAAAGGCCAAAACCAAACGG CAACAAAAGGAAGGAAGGGGGGCCGGGGAAGGGGGGCCGGGAACGGGGA GAGAAAGGAAGGAAGGGAAACAGCCGAAGGGGGGAAAGAAAGGGGGGGG GGACGGGGCCGGAAAGGGAAGGGGCAGGAGGGGGAAAAAAAAGGGGGAG GAGGAACAGGGAAAGACGGAAAGAAAAAAAAGGAAGAGACAGAGACAGAA AA GACGGAGCAGGCCAAGGAGGGGGAGAAGGGGAAGGAAGGCCAGAAAAA GAGGAAGAGGAAAGAGAAAAACCAGACAGCCAAAAGGCCGGACAGGAAAA A G G G GCGGAAGGAAGAGGGGGGGAAAAAAGGGGGGAAAAGAGGGGAACC AAAAAAAAGGAGAGGGGGGGGGGGAAGGAGGAAAAAAAGGGAAAAAAAGG
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G G G G G A G A A G G A A A G CA $\operatorname{AGGAGGGGGGAAAAGGGGCCGCGAGGAGAGGG}$ A GCCGGGGGGGGGGACAGCCGGGGGGAGGAGGGGAAGGAAAAACGGAAA AAAGGCCGGCCGACCGGGGGAAAGGAAGAAGGAGAAGAGAGGACCGGAGA GGAAGAAAAGGGGAGGAAAAGGACCGGGGAAAACAGGGAGGGGAGGGGG GAAAAAGGGAGGGGAATTAAAGGGCAAGCAAGCCAAAAAAGGGGAAAACC G G G GAA G G G GAA G G G G CCAAGGAAAAAAAAGGGGAAAACCAAGGGGAACC GGCCGGAGAGGGCCAAGGGCAAGGGGGAGGAAAAGGGGAGAGGAAGAGA CCCGGAAAGAGGGAGGAGGGGAGGAGGAGGGGGGGAAAAAAAAAAAAGG
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 GGGGGAAAAGAAGGGGGAAAGGAAAGAAGGGGGCAACGGAAAACGGAGA AACCAAGAGAAGCCGGGGAAGGAACGGGAAGAAAGGAGACAGAAGGAGAA AGGGAGGGCAGGAAAAAGGGAGAAAAGGAGGGAAAGGGAAGAGGGAGGA AAACCAACCGAAAACGGGGAAGGGAGAGGGAAGAAGAGAGGAAAAGGATG AA $\operatorname{A} A \mathrm{~A}$ GGGAAAAGGGCCCCGGGGAGAAGGAGAAGGAAAAAGGGGGGGGG G GAGGGGGCAAGGAACAAGGAAAACGGGGACCAGAAAAGAGGGGGGAGG ACCAAAGAAGGCCAGAAAAAGGGAAAGAAAGCCAAGGGGGGAATTGGGGG GAAGGGAATAACCAGGGAACCGAGAGGGGAAGAGGGGAAAGGGGGAAGG GGGAAGCCCCAGAGCAGACAAAGAGGAAAGCCGGAAGACCCACCAGAAAA G GAATTGAAGACGAGGACAGAGAGGAGAAGAGAGGGGAGGGGACGGAAG GGGAAAAAAGGAAGGCCAAGGGGCCGGAAGGGAGGGGAGAGGAAACCGG G G GAGGAGAGAAGGAGGGAAGGAAGGAAAAGGAACCAAAAGGGGAAGGA AAAGGAAAAAAGGAAGGGGAAAAGGGGGGGGAAGGAAAAGGGGAGTTGG AA $\operatorname{G} \operatorname{GGGGGGGGGAAGGAAGGGGAAGGAAAAGGAAAAAAGGAAAAGGCCA~}$ GAGCAAAAAGGACACGGGAAAAACAAAGGAAAAGAAAAAGGAAGGGGAAA AAAAGAGGGAGAAGGGACCGGAGGAAAGAGGGGAGAGGAAGAGAAGAGG GAAAGGCAAGGACATATTGGAACCAACCGGGGAAGGGGAAGGAAGGGGAA AAAAAAAAAAGGGGAAGGGGGGGGCCAAAAAAAAGGAAAAAAAAAAGGGG AACCAACCAAGGAAGGAAGGCCAAAAGGGGGGAAAAAAGGGGAAGGGGAA AA G G G G G GAAAAGGGGCCGGGGAAAAAAGGAAAAGGGGGGAAAAAAAAG GGGGGGGAAAAGGGGAAAACCCCAAGGGGAAAACCGGCCCCGGAAAAAAA AAAAAAAAAGGAAGGGGGGAAGGAAAAGGAAAACCGGAAGGAAAAGGAAG G G G G G A A G G A A C CAA G G G GAA G G G G G G G G G G G G G GAA G GCCGGAAGGGG AA G GAAGGAAAAAAAAAAAAGGCCGGGGAAGGAATTGGGGAAAAGGGGGG GGAAAAAAAAAAGGCCGGCCAAGGCCAACCAAAAAAAAAAGGAAGGGGAA G G G GAAGGAAGGAATTGGCCAACCAAGGAAGAAAAAAAGGTTGGCCGGAA AAAAAAAAGGAATTCCGAGAAAGGAAGGAAGGAGGCAAGGCCCCAACCGG G GAGAAAAGGGGCCAAGGAAGGAGGAAAAACCAGCCAGAAAAGGAAGGAA AAGAATAAGGAAAAAGCCGACAAAGGCCAAAAGAGGGGGAGCCCGGATGA A GAA $A$ AGGACGGAGGGCGGGGAAGGGCCGGAAGGGGAAAAAAGGGGGGA AAAGAAAAAGAAAGAGAGGGGACAGGAAGAAGAACGGAAGGGGGGAGAGG GACAAAGTAAAGGCCAAGGAAAGAAAAAAACGGAAAAAACAAGAGAGGGG GGGCGGGAGACCCGAGGGGGGCCCCAAGGAGCAAAAAAAAAAGGAGGGA GGGGGGAGAACAGAGGGAAAAGGAGAGGTTGGGGAAAAGGAGAAGGAGA AGAGGAAGGAAACGGCCGGAACCGGAAGGAAGAGAAAGGGGAAGGAAAAC CGGCCAAAACCCCCCGGACACGGCCGAAGAAAGGAAACCGGAAGGAAAAA

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 G G G GAA GACACAGAAGGGGGCAGGGGTTAAGGGGAGAGAGGCAAGGGGA G G G ACGGAAGGAGAGCAGGAAACCCGGGGGGGGAAACAGCAGGGAAGGG AA G GAGAGAAAGAAGGAGAGAAGGGAAAAGAAAAAAAAGGGGAAGGGAAG GAAAAAAAAAGGATGGAAGAGGGGGAGGGAACAGGGAGAAGGGGAGGAA AACGAGCGGGGAGGAGAAAGGAGAGACAAGGACAAAAAAAAAAAAAAAAA ACCAAGGAAGGAAAAGGAAAACCAAAAGGGGAAAAAAAATTCCGGGGAAA AGGAAAAGAGAAAGGGGAACGAAAACCGGGGAAAGGGCAACAAGAACAAA AGGAAGGGCGGAAGGAAGAAGTAACAGAGAAGGCAAGGAAACCAGAGAAA AGGCCCCAAGCGAGGCCAAAAGGACCAAGGGGGGGGGAGAGAGACGGAAA AAAGGGGAGCCAAAAAAGGGGTAGAGAGAAGGGACAAAGGGAGGAGAAGG AAAAAGGAACAAAGGGGGAGGCAAGGAGACCAGAAAAGGGGGGGAGGCAG ACCGAAACCAAAACCAAAAAAGGGAGGGGGGGAAGGGAGGGCACCAAAAG GAAAAGAGAGACCGGGGGGGGGGAAAAGGCCAAAAAAAAGAAAGAAAGGA CAGGGAAAAAAGAAACAAAAAGGTAAGAAGGGGCAAAGGGAAGGGGGGGA AGGAACCGGAGACAAGGAAGACCACGAAACGGAAAAAAGGACACCAAGGA AGAGAGAAACAAGAAGGAGACCCCAAAAAAGAGAAAAAAAAAAGGGGGGG G G G G G G G G G A A G A AA G G G G G G AAAAAA GAGGAAAACCAAAGGAGGAGGG AATTAAAAAAGGAAAACCGGAGCCCCAAAACCGGAAGGAAAAAGAGAAGG GGGGGGGGCATAAAAAAACCGGGAAAAAGGGGGAGGGGAAGGGGAGAGG GCCGGAAGAGAGGAAGGGGGGGGGGAGGAAGCGAGGAGAGCAGAGACGG GACCAAAAAAGGGGCCACGGAGGGACGAAGGGGGAAGGGGGGGGGGAAG GAAAGAAGGGGAGGCAAAGGGAAAAGGAACCAAGGGGCCGGGGAGCCAAA AAAGGGGCCAAGGGGAATAAACCAGAACAGGCAGGAAAAAGCGCAGGAAC ACACCAAGAAAGGAGAGGGGAAAACCCCCAACAAAGGAAGGGGGAAGGGA AAAGGAGGGGAAACCAAAACAGGACGGAAGGCCGGAAAAAAGGGAAGACG GAAAAGAAAGGAAGGCCGGAACCGGGGAAAACCGGGGGGCCAGAAGACCT AAAAAAAAAGGGGAAAGGAAGAAGAGGAAGGGAAAGGATCCAAAAGGGGA CAACCAAGAGGAAAAGAGGAGAAAAAGGGAAGAGGCCGGAAGAAGAAAAA AGGCAACGGCCAGAGGATTAAGACAAGCCAGGAAGAGCCAAGGGGACAAT AAGAAGAACAAAAGGCCAGAGGAAAAACCAGAAAAAGGGGAAAAAGGGGA CA $\operatorname{l}$ GGAGGGCCGGAAAAAAAA GGGGGGGGGGGAGAAAAAGGGAAGGGAG GAAAGAGGGGAAGGCCAAAACCAAACAAACGCGGCCGAAGAAAAGGAGGG GAAAGGGACCACAAGGAAGGAGAACAAAGGGAAAAAGGGGAGAATTAAAA ACAGGGAAAACCGGGGGAAGAGCCCCGGAAAAAAAAGAACAGGGGGAAGA AGGGCCGGGGAACCGGAAAACAGGGAAAGGAAGGGGAAGGAAAAGAAGCA AA $\operatorname{G} G \mathrm{G}$ GGGAAGGAGGAAACCAGAGGACAAAAAGGCAGGAAGAAACCGGAA AAGGACAACAAGCCAACCGGAAAAGGGGAGGGGACCAAAAAAAAGGAAAA GGAAAAGGAGGGAAAAGAGAGAAGCAAAAGAAAAGAGACCAAAGGGCAAT GGGGAAAGAGACGACCCCGGAGCCAGAAGGTAGGAGAAAAAGGGGCAGGG AGAAAAGGGGGGGAAAGGAGGAGGAAGGGGAAACAAAGAAGAAAAAGGAA GGGGAAAAGGAAAGGGAAAAGAGGAAGAAAAAAACCAAGAAACCAAGGGG AAGAACGAAGGAAAGGGGGGGGGGCCGGAAAAGGAAGGGGGGGGAACCG GGGGGAAAAGGGGAAAAAAAAGAAGAGGGAAACAAAAGGTTAAGGGGAAA A G G G G G G G G AAA $A$ AGAACCCAACAGGAGGAGACCCGGGGGGAGGAAACC G GA $\operatorname{l}$ GGGGAAGGGGCCAGGGGAAGGGGAAAAAAAAAAAGGAAGGGGAGA G G GAA G G G GCAAAAAAAGACAGGGGCAAGGGAAGGAAAAGGAGAGGAGAA ACAGGAAAGAACCGGGGGGGAATGAAGGGGGAACGGACAGGGAAAAGGG G GTTGGAATTAGGGGGGGCAACAGAAGGCCAAGGGGAAAAGGGGAAAAGG G G G G G G G G G GAA G GAA G GAAAACGGACCAAGAAAGAAACCCCCCAGAAGG G GAAGGAGTTAAAACAAAGGGGCCGGAGAAGGAAGGAACGAAGGGGGGG GAACCGGAAAAGGAGACGAAGAAGGAAAAGAAAAAAGAACCAAGGAAGGC AA $\operatorname{G}$ GGGAAAGAGGGGGAAGGGAGGCAGGAAACCGAGGGGAAAAGGAACC G G A G GAGGGGGGGGAGAAGGCAGGGAAAAAGGAGACCCAAAACCAAAAAG AAA $A$ AAAA $\operatorname{A} G \mathrm{G}$ GCCGGACCCGGGGGGAAAAAACCCCAAGGAACCGGGGGG AACCCCAAGGAAGAGGAAGGGGGGCCGGGGGGAAAGGGAAAAAAATAGGG CGAAGAAGAAGGGACAAGAGCCGGGGAAAGCAAACGCAGAAGAGGGGACG

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AA $\operatorname{A} A \mathrm{AGGCCGGAGGGACAGGAAAGGAAAAGGACAGGAGGCCGGGGCCGG}$ AA G GAAGGGGGAAAAAAAGGGGGAACAAAAAAAAAACCAAGGCCGGCCAA AA G G G GAAAAAAAAAACCGGGGAAAAAAAAGGGGGGAACCAAAAAAGGGG AAAAGGAACCTTAAAAAAGGGGGGGGAAAAAAAAGGGGAAGGAAAAAAAA GGCCAAAAAAGGAACCAAGGAAAAAACCGGAAGGAAGGAAAAAAAAGGCC AA $\operatorname{l}$ GGGCCCCGGGGAAGGAAGGGGAAAAGGAAGGAAGGGGGGGGAAGGC CAAGGAAGGAACCAAGGGGAAGGAAGGAATTGGAAGGAAAAGGAAGGGGA A G G G G G GAACCAAAACCAAAAAAAAAACCCCGGCCAAGGAAGGAAGGGGA AAAGGAAGGGGGGGGAAAAAACCGGAAGGGGGGAAAAAAGGAAAAGGAAA AAAAAAAGGAAAACGGGGGAGGACACCGGGGAGAAAAAAGGGGAAAAGAA AAAAAAACCAACCGGCCAAGGGGGGAACCAGAAAAAAAAGGGGGAGGAGA GAAGGAGGAACTTGAAAGAGGAAGAGAGGTAAGAAAAGGGGCAGGCCGAA AGAAGGGAGCCGGAAGAGGGGAGCCGGGAGGGAAGGGAAGGGGAAGGGG AGAAAGGGCAGGAAGGGGAAAGCCGGGGAAAAAGGAGAGGGGGAGAAAA AGGAGGGAAGGAAAGGAGAGAAGAGGGCCAACCGAAGAGCCGAGGAGAAG GGGAGGGAAAAAAAAGAGGAAAAGGAGGAGGAGGGCCAAAGCCGGAAGG GACAGGGGGAGAAAAAAACCAGCATAAAAGAAAAGAGGGAGGGGGGGGAA
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GGGAAGAGGGGAAAAGGGGAAAAAAGGAAGGAAGGGGGGAGACGAGAGG GGAAGGAGAAGGGGGGAAGGAAGGGAAGAAAGGAGGAAAGAAAAAAAAAG AAGGAGGGGACCACAGAGGAAAGGGGAAAAACGGGGCAAGGAGAAAGGG GCCCCAAAGGAGGCAAAGAAAGACAGAAGGGAAAAGAGGACGGAAGGGGG GGGGGAACCGGAAGAGAAGCCGGAAGGGAGGGGCACCAGAAAAGGAGAA GAGGGGAACCAAGGACACGGCAACGAGAAAGGAAGGGAGGGGAGGGAAA GGAGGAGAAGGAACAAGGAGGCCGGGAAAGGAGAAAGAGAAGAGGGGCA GGACGGAGAAAAAACCCCGAGAGGAGAGAAGGGAGACCGGCCGGCCAAAT GAAAGACAACAGGAAAAAAAGGTAGGGGCCAAAGGGGGGGGGAAAAAGGG AAAGCCGAAGCCAAGGGGAATTAAAAGAGGCAAGAAGGGGAAAAAAGAAA AGGAGGAAGAGGAAACAACCAAGGCCAAAAAAAGGAGGGGAAAACAAAGG GAACAAAGAAAAGGGGGGCCAAAAAAAAAAAGAGACACCAGGCGGGGGGA GAAAAGAGGAAGAGGAACAGAACAAAAGAAAGACAAAGGAGGCAAAACGA GGAGGGGGGGGGAACCGAGGGGGGCCGGAAGGAAGAGAAAGGAAAAGGA ACCAAAAGGAAAGCAAAAAAAGGAAAGCCGGGGAAAGACAAAGAAAAAGA AAACAAGGGGGGGCCAGACAGGAAGGAGAGACAGGGAGAAAAAAAGGAAG AGGGACCACGGGGGGAAATGAAGCGCCGGGGAAAACCGGAGGAAAGGGG GGGGGGAGAGCCAGAGAACAAAGAGAGGGACCGGAAAAAAAGGGGGGGC AGGGGGGAAGGAGGGGGCCGGAAAACCGGAAAAAATTAAAACCAAAACCC CAAGGAAGGAAAAAAAAGGGGGGAAGGGGGGGGGGCCAAGGGGGGGGGG AAAAGGAACCCCAAAAAAAAAAAAGGGGGGAACCAAGGAAGGGGAAAACC GGAAAAAAAAAAGGAAAACCAAGGGGGGAAGGAAGGGGGGAAGGGGAAG GGGAAAACCAAAAGGGGGGGGCCAAGGGGAAAAGGAAGGGGAAGGAAGG AA G GAA G GAAAAGGAAAAGGAAGGGGAAGGGGCCGGGGAAAAGGAAAAG GGGAAAAAAAAGGGGAAAAGGGGAACCAAAAGGGGGGTTGGGGAACCAAA AAAAAGGGGGGAAAAGGAAGGCCAAGGAAGGAAGGAAGGGGCCAAGGGG AAAATTGGAAGGAAAAAAGGCCGGCCAAAAAAGGAAGGGGGGAACCAAAA AAAAGGCCAAGGCCGGGGGGAAAAAACCGGGGGGAGGGGAAAAGAAAAAA AAAGAGAGGACCGGAAAGAGAGAGGGAAGGGAGGAACCGGAAGGGAGGA AGGAGAAAGAAAATTGAAAAGAGAAAGAAGGAAAAGGAAAAAAAAAGGGA AGATTACCCGGAGAGAACCAAGGAAGGAACAAGGGGAAACAAAACAAAAG ACAAAAAGAGGAGAAAGAAAAGAGGCCAGGATAAGGAGGGGAGAAGGAGA GGGGGAAGGAGGGAGAGAAGGAAGCAAAAAAAAGGGAGGGGAAAGGAGG AA $\operatorname{l}$ GGGAAGAGAGGGGGGGGGGAAAAAAGGACAAAAAGAAAAAGGGAAGA AAACAAGGGGAAGGCCAAGAGAAGCCGGAAGAAAAAGAGAACAATTAAAG AAAAAAAAAAGGGGGAAGGGAAACAGGAAAAACCAACCAAAAATAGAAAA GGAAGGAACCAAGGAAGGAAGGAGAAAGGACAGGGACCAAGGGGCCGATA GAAAGGGGCCAAAAGGAAAAAAAAAAGGAAGGAAAAAAGGGGGGCCGGGG GAAGGGCAACAAAGAAGGAGAAGAGAAAAAAAGGAAAAGGGACAAGAAAA GGGACCAGAAGGGGGAACACGGGAGGAAAAAAAAAAGGGGGGACGGCCAA AAAGAGGGAAAGAGAAAGGAGAGAGAAGGAAAGGAGGAGAGGAGGACCG GAAGGAGGAAGAGAACACAGGGGGGAAAAGGGGGGGGAAGGGGGGTAAA CCGGCCAGGACGAGATGGGGAAAAAAAGAGAGGGAAAGGAAGAAGAGAGA AGACGGAAGGAAAAGGGGGGGGGGAACCGGAAAAGGAAAAGGAAAACCGG CCAAAAAAAAAAAAAAAAAAAAAAGGAAAAGGGGGGGGGGGGGGGGAACC AACCAAGGAAGGGGAAAAAAAAGGGGGGGGAACCGGAAAAGGAAAACCAA AAAAGGAAAAGGCCGGAAGGGGTTAAAAAAAAAAGGGGAAGGCCAAAAAA TTAAGGAGAAGGAACAGGGACAAAGAAAGGAAGGAGAGAAGGGGAAAAAA GGAGAGAAGAACGAAGACAGGGGAGGAAGGGACGACAAGGGGGGGACCA AAAGGAAAAGACCGGGGGAAAGGGAGGAAACGGGGAACCAAAAGGGGGGA GGGGGAAAAAGGGGGGGAAGGAAGGAGAACACAGAAGAGGGGGGAAGAC GGGGGGGGGGGGCAAGAACCGGAAAAGAGGAGGGCCGAAGGGGAAAAAA ACCACAGAGAAGGCAGAAAGGAAAAGGGAAAAAGGCCAGAAAAGGAAAAA AACGGCAGGAGAAGGAAGGGGAAAGAGGAAAAAGGAAAAGGGGAAAACCA GAAAAAGGGGGGGGGGGGGGGAAGGCCAAGGAGCAAAAAAAAAGGGGGG AAGGGGGGAAGGAAGAGGAGAGGAAACCACAAGGAGAAGGGGCCCCAAAA AAAAGGAAAAAGAGAAAAAAGGGGAAAGAACCGGAGAGCCACAACCCCCC AAGGGAGAGGAAAGAAGGAAAAAGGGAAGGGGGGCCAAGAAGCAGGAGAA CCCCGGGGAAACAGAGAGGGAAAAACGACCGGGGAAAAAAAGGGGAGGGG AAGGAAAGAACAAAAGAGGGAAAGACGAGGGGACAGGGGGACAGGGGGAA GGAAAAGGGGAGAGGAGAGGGGGGAAGGACGGCCAAGGAGGGAAGGAAG

AA $\operatorname{A} A \mathrm{~A} A \mathrm{~A} A \mathrm{GAAGGGGAGGAAAGAAAAAAGAAGGAAGGGGAAAAGAAAGAG}$ AGAAGAGGGAAGGAGAAAAGCGGAAGGGGAGGGAGGAGAGCGGAGGGAA GGGAAGGGCCAAAAAAGGGGAAAGAGAGGACCGGAAGAAAACCGGGAAGG AA G G G G G G GCGGGCAAGGAGGAGGAGAAAAAAAGGGCCAAAAAGGGGGA CGACGGAACAACCCAAAGGAAAAGAGAAGGGAGCCCCGGCAAAAAGGACA A G GAA G G GAAAA G G G GAGGGAAAGGGGGAAAAAGGAAGGAAAGGGAGAC AAAGGGAAAGAGAGAAGGAAAGGGGGAGAGAAAAAAAAAGGAACAGAAGG GGAGGGCAGGACAGGGCAAAGAAAGGAAGAAAGGAAGAACGGGAAAGGG GCCAAGGGGGGAGGGAGAGAAAAAAGGAGGGCATTGGACCCGGACGAAAG G G GAAAAGGGGGGGGAAGGGGAACCGGGGAAAAGGAAGGAAAAGGGGAA CCGGGGGGAAAAGGCCGGGGAAGGAAGAAAGGGGGGCCCAAAAGGGGAC CAAAAGGAAGGCCAAAGAAGAAGAAAGGGGGAGGGAAGAAGAGAAGAGGC AACAAAGGGAGAGGAAAGGAGACAAAAGAGAGGTTGGGGGACCAAGGGGG AAGCAGAAGAAGGAAGGAACCAGGAAAAGGGCCAAGGAGGAGAGAAGAAC CAAGGAGGGGGGGTTAAATGGGGGGGGAAGGGAAGGGGGGGGGGAGGAG AA $A$ AAAAAAAGGGAGCAGGGGAAAGGGGGAGGAGGGAGAGAGCAAGGGG AAAGGGGAAGAGAGGAAGGGGGAGGGGGGGACAAAGCAAGGAAAACCCCA AGGAAAGGGGAAAAAAACCGGGGAAACAAAGAGGGGGGGAAGGAAAACCA CGAAAGGGGGGCCCCCCGAAGCCCACAGACCAAGGGGGAACGGGGGGGG G G G GACACGGAACAGAAAGAAGCCCCGGAAAAGGAAACAGAGAAGAGAGG A G G GAAAACCGGGGAACAAGAGAAAGAGGAACAACCTTGGACGAAAAGGG AAAGAGAAAGGGACAAGGAGAGAAAAGGAAAAGGAGGAAGAAGAAACAGG AGCAAGGAGAGGGGCCCCAAACGACAGAGAAAAAAAACGGGGGGGGGGGG AAAAAAGGGGGGGGGGAAAAGGGAAAGAAAGAAAGAGGGGAAGGCCAAG G GAAAGGGGAAGGCCCCAAAGCCAGGACAGGCCGGAACAGAGGAAGGCAG AAGAAGACCAGAGGAGGCCAAAAGGGGCCGGCCACCCGAAAAAAAGACCG GGAAACCAAGGCCAAAAAAAATTGGGGGGGGAGGAGGGAGGGAAGGAAAC CAAGAGAGAAAAACCAAGGAGGGGGGGCCAAGAACAAGGGAAAGGAGAGA AGAAGGGATGGGGAGAAGAGAGGAAAAAAAACCGGAAGAAAGGGGGGGG GGAAGGAAAACCAAGGCAAACCAAAAGAGGGGCCCCCCAGAAGAGAGGGG CCAAGGGGAACCAGAAAAGGAAGAGGGGGAAAACGGAGAGGGAGGGCCTA AGAGAGGAGGGGCCGAGGAGAGAAAAGGAAGGAAGGAGGGGGACGGAAA G G G G G A G G G A A G G G GAAAGGGGGGAAAGGGAGGCCCCAGGAGGAAAAGG AA G GAA G G G GAAGACCAGAAAGAAAAGGAAACAAGAGAAGGAGGAAGGAA GACAGGGGAAAGCCGAAAGGGAGAAAACGGCAGAAGCAATAAAAAGCCGG GGAAAAGACAGGGAGGAGGAGAAACAAAAGAAAACCGAGACCAGAGGAAA ACGGAAAGAAGGAAAGGGGAAGGGAAAAGGGGAAAAGGGGAGAGAAAAAA G GTTGGGGAGAAGGCGGGAGGAAAGGAAGGAAGGAAAAGGGAACAAGGA AGGCCAAAACCAGGGAAGAAAAGCAAAAAGGATCCGACCCCGAAGCGAGC CCCAGGAGGAACCAGCAAAGGAAGGAAGGGAGGAAGGAAGGCCAGAGAGG G G G G G G GAGGGAAAGCACCAACAGGAAAGAAGGAGAACAACGAAAGGCGG G GAGGAACCGAGGACTTGGAAAACCGGAAAAGGAGAGAGGAAAGGAAGGA AAAGGCCGGGGGGAAAAAAGGAAGGAAGAGGCCGGAAGGGGGGGGGGAA AAAAGGAACCGGAAGGAAGGAAGGGACAAAAAAAAAGGGGGAAGAACCGG AA G G G GAAGGCCAGAAAGAAGGGGCCAAGGGGCCCCGGGGGGAAGGCCA GGGAGGAAGGGCCAAAAAAGGCAGAAACAAGAAGAGGAAAGAGGAAAGGG G G G G G A G G G G G G G G G A A G G G G A A G G G GAACCGGGGGGAAAAGGAAAGCA AAAAAAAGGGGGGAGGGAAGGGGGACCAAACCGGCCAGAAAGAGAAGAGA G G G G G G G A G G GAGGAGACAAGGGGACGGCCCCAAACGGCCGGCCAAGAA A G G A G G GAGGGCAGGAAGGACGAGAACGGGGGGAAAAAATTGGGGCCAA G G A G G A A CGGGGAAGGAAGGCCAGCCACCCAAAGGGACCCACAGCCAAAA GGCCGGAAAGGGGGAAAAAAGGGGAAGGGGAAAGGAGGGGAAGAAGGGG AAACCGAAAGGGAGGGGAAGGGGAGAAGGGGCAGAGAAGAGAGAGGAAG AAAAAGAAAAGGGAAGAGGGCAGGAAGGCCAACCGAGGGGTAAAGAAGAG GAGGAAGGGGAAGGGAAGACAGCCAAGGGGAAGGGGAGCAAAGGGGAAA AAAGGCACCAGAAAAGGAAAAGGAGGAGCGGAAGGAAAAGGAAGGAAAAA AAAAGAAAAAAAAAGAAAAAGAGAGTTCGGGAACAAAGAGGACAAAAAAA CAAGAAGAAAAGAAAGGCCAGGACCGGACAAAAAAAAGAAGCGAAAAGGA AACGGAACCAGAAGGGACGATAGGGAAAGAAGGGAACAAAGGGGGGACAA AGGGAGGGAAGGAGGGGGGGGAGCCTAAAATAAGAGAAGCCAGGAAAAAC CGGAACCAAAAGGTTAAAAGGAAAGAAAATAGGAAGGCCGGAGGGAAAAG

GAGCCGAAAGGGAAAAGAGAAGGGGGAGGGGGGAAAAAAGGAGCCAAAAA GGAAAGGGGGGGAAGATGGCGGGAAGGAGGAGGGAACACGGCCGGGAAG AAGGAAGAGGAGGGACGGGGGAAAGGGAGGCCAAAGCCGAGAAAGGAGA GGGACAGGGGGCCCAGGAAGGAAGGAAGGGGGGGGAAAGAGAGGGGAAA GGAAGGAAGAAGAAAGAGAGGGGGAGCCGGAAGGGGAAGGCAGGGAAGA ACGACAGAAAGAAAAAGAGAGGGGGAGCACAGGAAAAGGAAGGCCAGGGG GGGACGGGAAAAAGGGGCCGGAAAAGAAAGGAAAACAGATTAAGGGAAAG GGGGGAAGAAGCCGAAAGAGGAAGGACAAGACAAAAGCCAAAAGGAACCA AAGAGAAAAAGAGAGGAAGGACGAAAAGGAAAAAAAAGGAAGGGGGGAGG GAAAAGAAGGGAAAGCCAAAAAGGGGGAGAAGGGGAAAGAGGGGGCCCAG GCCCCGGGGAGCCGGCAAACCAAAAAGAGAAGGAAGGGAGGGGGGGGCCA AAACCGGAAAACCAAAAAAAAACGGGAAGAAAGGGCAAATTAGGGGGGAA ACCGGAAAGGACCAAGGAGAAGGAGACGACGAAGGAGGGAAAAGGAAGGA AGGGGAAAGGGACGGAAGGGAAAAGCACCAACCGGAAAAAAAAAGAAGAG AAAGGGGAAAAAGAAAGGCGGAACCAAAGAAGGGGCCGGAAGGGAAAAAG GAAGAGAGGAAGAAAAGGAGGGGGGGGAAGAAGGAGGGAAAAAAATTGG AGAAGGAAGGGGAAGAGAGGGGCGCAAGGGGGAGAGGAAGGAGAAGGAG GGAGGAGGGCAAAGGAAAGAAAAAGGAGGGGAAGGGAGGCAGGAGGGGG GAGAAGGGGCGAAGAGGGAGGAAGGGGACAGAAGGGGAGGGGGGAAGGC CGGCAGGGGGAAGGGAGCAGGGGAAAAAGTTAAGGCCAGGAAAAAGGGG GAGGGAGAGGGGGACACCAGAAGGAAGGAAAAGGACGGAGAGGGGGCCG GAGGGAGAAGGGGAAGGAAAAGGAAAAAAAACCAAAAGAAGGGGGTAAAG GGAAAGGAGCCGGAAGGGAGAGAGAAAGGAGGGGAGGGGACAGGAGGGA GGGGGAGAAGGACCAAGGGGAACAGGACACGGAAAGGGAACAGGAGAGG GGGGGGGGGAGGGGGAAGGGAAGGAACGGAGGAGGGGGGAAGAGGGAAG GACCGGGGAAAAGGAAGGAGAAGGGAGAGAAAAGAAAGGGGGCAAGACAA GAGAGAGGGAGACCGGCCCAAAGGAAGGGAAGCAGAAAAGAAAGAGAGGG GGAGAGGGAGGAGAAAAGAGGGACGGGGAAAAGACACCAAGAAAAGCCCC GGAAGGTTAACCGGAAAAAGAGAAGGGGACAAAACCGGAAGAAGAGACCA AGGAGGAGGGAAGGAAGGGGGGGGGGGGGGCCCCGGGGGGAGGAAGGGA GAACCGGAAAAAGAAAGGGAAAAAAGGGGGGGAGGGGACGAGAAAGAAAA GAAAACCATGGAGGACCACCCGGGGGGAAGGAAGGGGAAAAGGAGAGACG CAGAGAAAGGAGGGGGGGGAAAAGAAAAACCAAGGGAAAAAGGCCCCGGA AGGAGAGGGGAGGAAAAAAAGAAAGAAGGGGAATAGGGGAACAGGAAGGA AAAGGCCCCGGAAAACCAAGGCCAAGGAACCGGGAGGAAGGGGGGAGGGG AGGAAGGGGAAGACAGGGAAAGAGGGACCCCGGGCAGATGGAGAAAAGAA CAGGAAACCGGGAGGCAGAAACCGGGGTTGGAAGGGGAAAAAAAAAAAAG GGGAAAAGGAACCAAAAGGCCGGGGAAAAAAGGGGAAGGTTAACCAAGGG AAGCCTTAAAAAAAAGGAAAAGGAAAGAAGGGGGGGGGGCCGGGGCCAAG GAAAAAAAAAAGGGGCCAAAAGGAAGAAGAAAGGAAAAAAGACGGGGGGA GAAGGAAGACCAAGAAAGGCCGAGGAAGACCAAAAAGAGAAAAACCCAAA GGGGGAAGGAGAGGGGGCCGGAAGGGGAAAAGGAAAGGGAAAACCAAGG AAAACAAAGGAAAAAAAGAAAACAGGGGAGCCAAAGAAGGGAAGCCGGCC AGAGGGACAGAAAGGAACGAAAAGGAAACCACGAAGGCGAAAAAAAAAGG GGAAAAGGAGGACCGGAGAGGAAAGGAAGAAAGGGGAGGAGAACGCAAG GAAAAAAGAGAAAAAGAACGGGGGGAAGGGGAAAAAGCCGAGGGGTTCCG GCCAAAAAAAGGGGAGGAAGGGGAAAAGGGGGGGGAAAAAAAATTCCAAG GCCAAAGGAAGAAAAAAGAGGGAGGGGGGGGGGCCGGGGAAGGAGCCAA AAAGACGAGACAGGAGAAAAAAAAAAGGGGGGAGGATTGGAGGAACGATT GGAAACGAAAGGGGAAAAGGAGGGGGCAAGAGGGAGGGAAGAAAGAAACC GGAGAAAAGGGAAAAGAAAAAACCAGACGAAAAAGGAAAGGGGAAAGGGG GGGGAGCCAAGGAGCCAAAAAAAAAGGGGGGGGGCCAAAAAAAACCAGAA GGAAAAAGGAAGGAAGAGGGAAGGGGAGAGAAGAAACCAAAGAAAGGAGA ACACGGGGGGGAGAAGGGGGGACCAGAAAAAAGGAAAGGACCACGAGGAA AA G GAAGGGGGGGAAAACAAAGGGAAGAGGACAAGGAGAGGGCCGGGCG CACGAACAGCCGGCGGGAGAAAAAAAAGGAAACGGGGGGAAAAGGGGAAC AGAGAAGGGGGAGAAGACCAAAAGACCAAAAAACAGAAAAAAAGAAAGGG GCCAGGGACCCCCAAGGGGAAAAGGGGAGGGGGAAGGAGAAAGATCCGGA GCCCGAAAGGAAGGGAAAAGAAAGGAGAAAGGAGAAAGGAAGGAGAAGGA AAAGGAGGAAGGGCAAAAGGGCATAAAAAAAGGGGGGAGAGAGAAAAGAG GAACCAAAGAAGGAGGGACGGGGCCAAGAGGGGAAAAAAGGAAAAAAAAA

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G GAGGGAAGGGGAGGGGGAACCAAGGAAAAAAGGGGTAAGGGCAGGGAA AAA $\operatorname{A} A \operatorname{AGGGAGGGGGGGGGAGGAAGGGGGAAGGGGGGAAGGGGAAGAAG}$ CACAGAAAAACCACAAAAGGAAAAGGAAAAAGCCAGGGAAAAGGAAGGGA AAAAAAAAAAGGAAAGCCGGGAAAAGGAAAGAAGGACCAACCGAACAAGG GAAAGGGGGGAAGAGAGGAAGGAGGGGGGGAATAAACCGGAAAACCAAAG G GAGGGGAGGAACCAGAGGGAACAAAAGGAGAGGGAGGAAGAGAGAGGA AAAGAAAGGGGCCGGGGCCGGAAAGGGAGAGAAGGCCGGGGAAAGAGGA GGGAAAAAAGAAGGAAGAAGGAGAAAAAAAAACCCCAAGAGAAGAACAGG AAGGAAGACAAAGGCAGGGAGGGACCGGGGAAAAAACAGGACAAAGAGAT G GCAAAGGGGAAAAGGGAAGGGGACGAGGGGACAGGCCGGGGAAGGAAA AAAGGGGGGAGAAAAAAGGAAACCAGGGGAAACACAAGGAAAAGGAAAAG G G G A A G G G A G G G GAGGGGGGGAAAGGGAGGGGGAAGGAACAAGGGGGGG AAGGAAGGGGAATTAAGGGGAAGGCCAACCAAGGAAAAAAGGAACCGGAA AAAAGGAAAAAAGGGGGGAAAAAAAAAAAAGGCCAAGGCCGGGGAACCAA AAGGAAGGGGGGAAAAAAAAGGGGGGAACCAAAAGGCCAAAAAAGGAAAA G G G G G G G G G G G GAGAAAGAAGGGAGGAAAAGAATAGGAAGAAGAAGGAA AGGAAAAGAGGGGAACCGAGAGAACAGGGAAGGGGGGAAAAGGAAGGCC
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GGGAAACCGAAAGGCAGGAAAGGGAGAGAAGAAAAGAACAAAAAGAGCGG G G G GACCCAGGGAGGGCCGGGGGAAGGAAGGGAAAGGAAAAAAAGGAAA AAACCAAGGGGCAAAGGGGCAGAAAAAAGGGAGGAATAAGAGGAACCGAG
 A G A G G A G GAGGAGAGGGGAGGGAAGGGGAAAAAAAAGGAAGCGAGGAAA AAA $\operatorname{l}$ GGGGGAAAAGAAGGGGAGAGGGGCCGGGAATAAGAAAAAGAAGGAA CAGAAAAAAAAAAAAAAGGGGCCGGGGGAAAAGCCGAAGAAAAAACCCCG GGAGAACGGAGACCAGAAAGAGGGCAAGGCAGGACCCGGAGGGAAGGAGA CAAAGGAAAGGAAAAAGAAGGGGAGGGAAAAGGCCGGAGGGACCAAACCG GAAAAGGAAGAAGCCGGAGGGCCCAAGCCGGGAAAAAAGGAAAGGACAGG AAAAAAAGGGGGGGGGGAACCAAGGAACCCCAACCGGAAGGAAGGGGGGA AGGGGAAGGGGAAAAAAAAGGAGAGGAAACCGAAAAACGGGAAAAGGGGA AGGAAAAAGAAAAAAACGAAAGAGCGGGAAAAAGGGAGAGGAGACGGGGG GCCGGGGAGAAAGGGGAAAGGGAAGGGGGGGCAAAGGGGGAAGAAAGGG AAAAGGAGAGGGAGCAAAACAAGGGAAAAAGGAAGGGGGGGGAAGGGGA AGGAGAAAAAAGGAGAGGAAGATAAAGACAGAAAGAGGGGAGAAAGGAAA G G G CCAAAAGAGGGGAGAAGAAAGAGGAAAAAAAGAAAAAGGAAGGAAGG AGAAAAAAAACACGAAAAGAGGAAAACCCAAGGCCGAAGTTAAGAGGGGG GCCAGGAAGAACAAACAAGAAAAAGAAGGGGAAAAGGAAGGGGAAAGGGC CCCGAAAAAAAAGAGCCGGGAGGGAGGAAGAAGAGAGGGGGAGCAGCGG GAGAAGCAGGGGAAGAAAAGAGAGAAGGAAGGAGGGGGAAAAGGCAGGA AGGAACACCGGACAGAGGAGAGAGAAAAAGAGGCAGGCCAAGAGGAAAAG G G G G G G G G G CCAGCAAAAA G G G G G GAAAACGGGCCGGGGGAGGAGAAGG A G G G G GAGACAGGGGGAAGGGGGGAAGGGGAAAAAAGGAAGGGGGAGGG GAGAACCGAAAGAAAGAAGAGGGCCAACGAGAGGGGGGGAGGGGGCAGA GAGGAAGGCCAAGGGAAGAAGGAAGGCCAAAAGGGGAAGGCCCCAAAAAA GGGGAACCAACCGGGGAAGGGGGGAAGGGAGGGACAAAGACCGAACGGG AAAAAAGAGGGAAGGAAAAGGGAAAAAAAAAGGGGGGAAAGAAAAAATTA AAAAACCAGGGAGAAAGAAGAGGAACCAAGAAGGAAGGGAGAGGGCCGGA CGAAGCCAAAAGGGAGGAAAAGGGGGGAAGAGAAAGGAAAAGGAGACGAG GAGGGAAGGGGAAGGAGCCAGGGACGAGGAAGGGAGGGGAAACGAGGAG GACAGGGGGGAAAAAAAG
$28108000-9 \mathrm{G}$ GAGGGACGGAGGGGGAACGAGAAAAAAGGGGCAAAAGAACC ACACGAAGAAAAAAGGGAAGGAAGCCGAAAGGAACCGAGGAGGGGAGAGG GACCAGAAGGGGCCGGGGCCGGGGAAGGACAAGGGAGGAGAAAAGGAGA GAGACGGAGAAAGGAGGAAAAGAGAAAGGAAAGCCGGGGCCGGAGGAGAA AAAGGAAAAAAACGAACGGACAAGGGAAAGGAGGAGAAGGGGGCCGGACA
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AGGGGAAGGCAGAAGAAGGGGAGAAAAAAAAAAAGCCGAAGAGAGCAGAA ACCAGAAAAAAACAGGGAGAACGGGACGGCCGAGGCGACGGAGCAAGAAG GCCGGACAAAAAAAACCGGAAGGAAGGAGGAAGGACAAGAAAAAGGGGGC CAGGGGGGGATAAGGGGGGGAGAGGGAGGGAAAGGGAAAACAAAGAATA AA $\operatorname{A}$ GGAAGAGGGGGAAGGAGAGAGCAAGGGGAGGGGGGAAGGGGAAGGA AAAAAGGAAAAAAGGAAACGGCCAGGGGAAAAAAAGGGGAGGGGGAACCG GAGAGAAAGAAGAAAGAGACCACGGAAAAAGAACCGGAGCCGAAAAAAGG GAGGGAGAAGGAGCCGGCCCAAAAAAGAACCAAGGGGAAGGCCGAGGGGA G G G G GAAAACCGGAAGGAGGAGAAAAAAACCAAAGAGCCCCGAGAAAGAA AGAAGATCCGAAGGGCCGGGGAAACGAAAGAGGCCGGGAGAAGAAGGAGG GAGGAAAGGAGAAAAACAGAGGAAAGGCCAGGGGGAAAGCGGGGAGAGG GGAAAAAAGGCCGGACAAAACCCAAAAAAAAAAAAGGGAAAAAAAAAAGA GGGACCAACCGAAAGGAAGGAAAAGGGGAGAGACAAGGAGGGAAGAAGAA AAACGGAAGGGGGGGGAAAACCAAGAAAAACCGGGGGGAAAACCGGGGGG GGAAAAGGAAGAGGAAGAAGAAAAAAGAAAAAGGAAAACCGGAAGGGGGA AACAAAACAACCAGGGGGCCACAAGAAGCCAAGAGGAAGGGAGAGACCGG CCGAGAAAACAAAAAAAGAACCGACAGGGAGGGAGGAAAAGGAAAAACGA AGGGAAGGAAAAAGGACCAGGGAACAAAAACCCAAGGAAAGGGAACACAA CCAAAGAGAGAGGAAAGACAAAAAGGCAGGGGACGGAAGGGAAAAAGGGA GGGGAAGGGGCCAACCACCGCAGGAGGAAAGGAAAAAAAAGGGAAGGGGA AA G G GAGGAAAGCAGAGCAGAAGGGGAAAAGGCCAGAAGGAACCGGAAAA CA $\operatorname{l}$ AA $\operatorname{G}$ GGAGGGAAGGAGGGCCGGGGAAAGGAGGAAAGAGCAAAAGAAA GAGACGAGGGAGAGAGCAAAGAGAAGGAAAGAGAAGACCGGAAAAAAGGA AGGAGAGGGGGGGGGAAAAGAGGAAAAGAAGGGTTGGATGAAGGAAAGA AAAACCGGGGGGGGAAAAAAAAAAAAGGGGGGAACCAAGGAAAAAAGGGG GAGGAAGGAAGGAAAGGGCCAAAGAAGGGGCCGGGGGGAAGGAAAAGGG GTTAAAAAGCAAAAGAAAAGGGGGGAAAAAGGAAGGGGGGAGGCCAACCG AGGAAAAAAGGCCGGCGAAAAGGAACCGGCATAGAGGGAAAGGCCGGCAG G G G G G G A A A A G GAGGCCGAGGAAGAGGGGGGAAGGAAGGAGGGAGAACC GAAGGAGGGGGGACAAAAGGAAGGGGAAAAGACCAAAAGGAGGAAGACGG GGGAGGGGAAAAAAAAAAAAGAAAAACCGAGAAGGGGGAAAAGGAAGGAA GGAAAAAAAAGGAGGAACAGGGCAGGGAGGCCCCGGGGCGGAGAAGAAGA GGGAGGTAAAGGCCGAGAAAAAAGGAAAAGAACCGGAAGGAAAGAGAGCC G GAGAGAAGGCCGACCAAGGGGGATTGGGGAAGGGGCCAAAAAAGGGGG
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 A G G G G G GAA G GCCAAAAAAGGCCAAGGAAGGGGGGAACCGAGGGAGGCC

G G ACGGACGGAGAAGGGGAAAAGGGAGGAGCCGGACAGCCAAGAGGAACC G G G GCCGGAACCAAGGAAGGCCGGCAGGGGAACCAGGGAAAACCGGGGA GAGGGGGGGGGAGGGAGAGCAACGGGGGAGAGGAAAAAAAGGCAAAAAA AAAGAAAGGAAAGGAGGGGGCCTTAGGGGAGGGGGGAAGGAACCAAAAAG TACAAAAGGGAACCCCCCCCAAAAGACCGGAGAAACGAGGGGGGAAGAAG AGAGCGAGAGCCGGGGGGAGAACCACGGAAAAAACCAAAAAGAAAAAAAA GGAAACGAAAGGGGAAAAGGAGAAGAAGGGAAGGGGGGGGAGGAACAGA ACCGAGGGGAAGGGGGGAAAGAAGGGGAACCAGAGGAAGGAGGAGGGGA GGAGGACCGGGGCCAGAGAGGGAGAAGGAAGGGGGGAGGGAAGGGGCCC AGAGAGAGAAAAAAGAAACGGAGAAACACAAGGTTGGAAAAAAGGAAGAA ACAAACAAAGGCGGAAGAAGAGGACAAGGGAGGCCGGGGGGAAAGCGGGA AGGACAAACCGGGAAAGCCGGGGAGGGAAAGCAGGGGCCAGAAGGAGAGA AAAGGGGAAGGAAGAGGCCGGGACAGAGAAGACGAGAGGCAAAACGGGG GGGGGGAAAGAAAGAAGGAGACAGAAGGAAACGGGGAGACCAAGGGGGA AAAAGCAGGAAGGGAGGGGAAAAGACAGGCCGAGGACAGAAGGGAAGAGG GGGAGAAAAAAAAAACGAGGGGAGGGGCGCCGAAGGGAACCATAAAAATG G G ATTAAAAGGAAAACAGGAAGGCGAGAAAGAGAAGGAGAAGGAACAGGA G G GCCGGGGGGAAGAAGGGAGGGGCCCAGGAGGAAAAGGAAGGAGGGAC GAAACAAGGGAAACGGAGGAAGACAGAGAAGGGGAAAAGGCCAAAAAAAA AAAAGGAGGGGGAAAAGGAAGAGAGGGGGAGAAGCCAAAGCCGGAGGGA GGAAAAAGGAGAGAACAGAGGGGAGGGGGAAAAAAGGGGGGGAAGCCAG CCAGAGACAGAGCCGGAGGAGGAAGGAAGGAAGGGGGGCCGAGGGGAGG GAAGGAAAAGAGAAAAAGAGGCCATACACGAGAGGGAAGGGGGCCAAAGG GTTAAGGGGGAAGAGAAGGGAAGAAAAAAAGGAGGCAGAGGAGGGAAGG AAAAAAGAAGCAAGAAGGGGACAGGACCGAGGAAAAAAGAACGAGGACCC GAGAGAGGCCGGGGGGGGGGGGGGAAGGGGGGAGGAGGGGAGAAAGCCA GAGGGAAGGGGGGCCGGGGGGAAGGAAGAGAAGGAAAAAGGGGAAAAAA GGAAAAAAGGAAAAGGGGGGGGAAGGAAGGAAAAAAGGAAGGCCAAAAGG AAAAAAAAAAGGGGAAAAGGAGGAGACCGAGAGGAGAAAGGACAAGGGGG AACCGGGGAAACAAAGAAAAGGAAGGAAGAGGGGGGAAAGGGGGAAGGAA AAAAGGCCAAAACCGAGGGAACCACAAAAACCCCGAACGGAAAGAGAGAA AGGGAAGGAAGGAAGAGAAAGGAGGAAGAAGGAAGGAACCGGAAGAAGAG G G G GAGGGCGGAAGCCAAGGAAGAGGGACCGGGAAGAAATGGGGAAAAA GAGAAGGGGAGAAGGCCAAAACCGAAAGGGACAAAACGAGGGGGGAGAAG G G G G G G G G GACAA G GAAGGAAGAAGAAGGGGGAGGAAAGAAAAGAAGGA AAAGAAGGCCAAGGCCCCGGGGAGGGGAGAGGGAAAGGGGCCACAAAAAA GGGGAAAAGGGGGGGGAAGGAAGGAAAAAAAAGGCCAAAGGGAAGAAGA GCAA G G G G G G G G G ACGGAAGGGGGGAGGGAAGGGGAACCTTGGCCCCGG AACCAAAAGAAAGGGAGAAAAGAAGGAAGAAGAGGAGAAGGGAGGGGGAA GGGGCCGGGGAAAGCAGACCGGGGGGAGGGAAGGGAAGAGCCAGAAAAA ACCGGAGGGCCGGGGGGGGAGAGTTAAAAAAAGAGGAAGGAGAACCAAAA AAAGGAAGGAAAAAAGGAGACCCCCGGAAGGAAAAGGGGAACCGGGGAAT TGGGGGACCGGAAAGCCACGAGAGGAAAAAAGAAGAAAACAAAAAGAAAC A G G GAGGGAAAAAAAGAAAAAGGGAAAGGGGCCAACCAAAAAGCCGAGGG GACAGGGAAAAAAAACCAAAGGAGGAAGGACGGAAGAGGAGCACCCCAGC CCCCCGGAAAAGACAAAGGTTAAGGGGCCGGAAGAGGAAAAAAAAAGAGG ACAGAAAGAAGGAAGAAAAAAAAAAGGCCAAAGAGAAGGGGAAGAGGGAG GAAAAAAAGAAAGAGAGCCAGGGAAAAAAGGAGAACAGAAAGAAAGGGGG AGAACACAGCAAGGGAAGAAAGAGGAGGAAGAAGAGAAACAAGGAAAAAA AA GAAAAAAAAGAGAAAAAAAGGGAGAGAAAAGAGGGGGAAGGAAGGCCG AGGGGGGAAGGCCAAAAGGAACCCCGGGGAAGGAAAACACAAGAGACGAG GAGGGGGATGGCCGGAGGAAGAAGGAAAAAAGGGGAAAAAAGAAAAAGGC CCCGGAAGGGGCCGGGAAGCCGGAAAAGGGGCAGAGGCAGGACAAGGAAA GAGCAGAAGGAAAAACAGGCAGGGGAAAGAACCGGGGGGAGACAAGGAGG AAAAGACGAGGAAGAAAAAAAAGAACCAAGGGGCCGGAGGGAGAAAGAGA GAAGGAAGAAGGGACGGGAGGGGGGAAAAGGTAAGGAAAAAAGAGAAAAA GGGGGGAGAGAGAGGAAAGGGGGAGAAAAAAGGAAAGGAGGAAGGGGGG GGGGAGGAGGAAGGACAGAGCAAGAAAAGAGGGGCCGACAGGCCGGAAA GAAAAGGAAAAAGAGATAAAGACGAGAGAAAAAAGCCAAAGAAACGAAGC CGAGGGGGGCCAAGGACTTCCAGGAAGGGAACAGAGGCCAGGGCAGAGGA AGGAAAAAAAAGGGGTTGGGGCAAGAGCAGGCAACGGAAGACCGAGGAGG

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 AA $\operatorname{G} G \mathrm{G} A \mathrm{G}$ GAAGAAAGGAAAAAAAAGGCCAGAAGGGAAGGAGGAAGGAGGG AGAGAGAGAGGGAGGGAAAGGGAGAGAGAAGGAAGGAAGAGGGGAAAGG GGGGGGGAAAAGAAAACGGGAAGGAAGCCAGGAAACCGGGGGCAGAGAA G G G G G G G GAGGGCAAGAACCGGGAGGAGAGGGCCGGAAAAAAGAGGGGA GGAGGACGGCAGAGAAAGGGGCAAGGGGGAAGAGACCCCAAAGCCCAAAG GGGAACCAGGAGGATGGGGAGGGGGAAGGAAAAAAGGCCGGAAAGTTGA G G GAA G G GAGAGAGAGAAGGAAAGCCAAAAAGGGCCGGGGGGAAGAACAA G G G GAGAAAGACAGGGGAGGAAAGACGGGGCCCAGGAAAAAGAACAAAGA CCACCCCAAAAACCACAAAAAGAAAAGAGAAGGGAAAAAGGGACAAAGAA C CA $\operatorname{l}$ GGGGAAGGGGGGAAGGGGACGAGACCGAAAGGAACCCCGGAAGGA AGGGACCAACCCAGGGAGAAGAAAGGGAAGGGAGGCCGGCAAAGGGGAAA AAACCGGGGCCGGCCGGAAGGAGCGGAGGGGGCGACCAGAGAGAAAAGG AAAAGGACAGAAGGAAGGGGGGAAAAAAAGAGAAAACCGGGGAGAAAGAA GGGGAAGGGGGAAAGGGAGGGGAAAGCCAAAAAAAGGAAGGGAGGGGCCG GAAAGGGGAGGGAAGGAAAGGCCGAAAAAAAAGGGGGGGAACAAAAGAAG GACGAGGCAAGGGAAAACCAAAAAACCGGGGTTGGAAAGAAGAGAAGAAG GGGACGGAAGAGGAGGAAGAAGGAAAGGGAAAAGGGGAAAAGAGGCCAAC AAAAGAAAAGAGGAGGGGGGGGGGGGGGGGGGGAAGGAGGGAGAGGAGG GGGAGGAGGGGGGGAAGGAAGGAAAAGGAAGGAAGGAAAAGGGGAAAAG GAAAAGGAAAGACAGAGCCAGCAAGGGGAGGCCAGAGGACAAAGAGAGAG AGGGGCAGACCCCAGAGGGGGGGGGGAGGAAAAACGGGGGGGGAACCCC GAGGGGAGGGGGCCAGAGAAGGGGAGAGGAGGCCAAAAGGGGCCGAGGG AAAAAGGAAGGAAGGAGGGGGAAGGAAGGAAAAGGAACCGGGGAAAGGG CAGGCCAAAAAGGGGGGAGGAGGAGAAACAAGGAAAGGGGAAGAAACCGG G G G G A A GAGAGGCCAAAACCGAGGAGAGCAGGGGAGGGAAAAAAAAAAGG GAACAGAAGGCAAGACAGGACCCAGGACAGAAGGACAAAAAAGGGGAAGG G G G GAA $\operatorname{GAG}$ GGGAAGAACAAAAAGAGGGAAGGGGAAGGGGAAGGCCCAG G G G CCGGACGGAGAAAAGAAAGGAGGGAAAAAACCGGAAAAGAAGCAAGA G G G G G CCGGAAGGAAAAGAAGGAAAGGGAGGAGAAGGGGGGAAAAAAAA G GAA $\operatorname{l}$ GGGCCAGAGGAGAGGGGGAGGGGGGCAAGGGAAGAGGGGGGGGA AAA $\operatorname{lng} \operatorname{GGGGAAGGAAAAAAAAAAAAGGAAGGAAAAAGAAGGGGAAAAGGG}$ GAAAAATAAGAGGAAAAGGCCCCAGAGAAGATTAACAGATTAACAAGGAG ACCAAGAAAAGAAAAAGAAGGGGCAGGCCAGGGAGGGAGGGAGACGAAAG GCCAAACAGAAGGAAGGGGAAGGGGAAAAAACAAGGGGGAAAAACAAGGA ACCAAAAAGCAGGGGGGCCAACCGGGGAAGGGGGAAAGAAACAGAAGAAA AAAGGGGAAGGAAAAAAGGCCGACGATGAACGGAAAAAAGGGGGGAAGGA GAACCGGCAAGACAAAAAAAAAGGAAGGGAAAGAAAAAAGGGGAGAGAAA AGGCCCCAGGAGGAAAAAGGACAACAAGGGGGGGGGGTTAAGGGGGAAT GGCCGACAAGGAAAAAGGAACCAAGGGAGAAGGGCCGAGAAGGGGAGGG G GAGGAAAGGGAGGGAAGAGGAAACGGGAGGAGAACGTTAAGAGGAGAA GAAAAGGAGGAAGGAGAACCAAGGGGAAGGGGCCGGAAAAAGCAGGAAGG CCAAAAAAGGAAAAAGGGAAGAGACCTTGAGAAGACGACAAGGAACGGGA AGAAGGAAGGAAACAAAAGGGAAGGACCAGGGGGAAAGAAGGCCAAGAGA A G GAGAAAAAGGGGAAGGCCAAAGGAAAAAGGGGGGAAAGGAAGCCGGG G G GAAAAAAGGGGGGAAGGGAAGAAAGGAAAGGGGAAAAGGAGGGGGAA G G G G G G A A A A A A G G G AAA G GACAAGGAAGGAAAGAACCAAAAGGAAGGAA AACCCAAAGGGGGGGGGGAAAAGAAGGAAGAGAGGAGGGGAACCGGAGG GAGGGGGAGAGAGGAAGAAAGAGACGAGGGGGGACGGAGAAGGAGAGAC AGGAAAAAAGAGGGGAAGCCACGGAAGGAAGGCCAAGGAACCGACCGGGG AAAAGGAAAACCAACCAACCGGGGAGAAAAAAAAAAGGGGAAACAAGAGA AGAGGAAGGGAAAAAAGGACAGAGCCGGAAAAGGGGCCAAGGACAGAAAG GGGGAAAGGGGACCGAAAAGGGAGAAAGCCGAAGAGAAGGGGAAGGAAG

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G G G G G GCACCAGGGAAGAAGAGACCAGGAACCCCGAGGAAGGGAGGGGG GCACCGGAAAAGGAAGAGGGGAGCAAGAGGACAGGACGGGGGGGGCCAG AGGAAGGGGGGGACGGGAAAGGGGCCAAGGAGGAAGAAAAAAAAAAAGAG A G G G G G G G G A G GAGAAGGGGAAAAGAAAAAA GGAGGCCCCCCGGGGCCG G G G G G A A G G G G G G A G G G G A G G G G G A ACGACCACGAGGAAGGGGAAAGGA G G G G G G G G A A G G GAGGGGAAAGACGAAAGGGGTTGGAGAAAACAGGAGG GGGAAAAGGAGGGGAGGAAGGAAGGAAGAAGAGGGGAGGAGGGCCAAGG AA $\operatorname{G}$ GAA $\ln$ GAAAAGGGGGGAGGGCCGGAGAGGGAGGGGGAGGGAAAAGGG GAAAAAAGGGGGAAGGGGAAGGAAAGGGGCAAAGGGAGAGGGAGGGACC GGAAAAAGGAGGGGGAAGAAAGAAGGGGCCCCGGAAGGAGAGACGACCG GAAAGAAGATTGGGAGGAGGGAAGAGGAAGACCGGGGCCGAGAAGAAAAC CAACAGGGGAACCCAAAGAAGACGGAGAGACGGGACAGGGGCAGGGAAGG GCAAAGAGCAGGGCCGAGGCGGGAAAAAAGACCAGGGAGAGGAGAGGAAG AA G G G G G G GAAAACCGGAGCCGGGGGGATGAAAACAAGGGGGGAGAAGG CCGGGGAACAACGGGGGGAAGGAAAAGGGGGAGGCCAAGGCCAAGGAGA GGAAAAAAAAAAAAAAAGAGGCCCCCCAACCAAAGAAGGGAGAGAAGGGG GCCCCCCGAAGGAGGAAAGGACCAGAAAGCAGAAGAGAGCCGAGGGAAGA CA $\operatorname{l}$ AACCGGGGGGGAGGGGGGGGGGCCAGGAGGGAACAAAGACGGGGGG CCA $\operatorname{Cl}$ G $\operatorname{AAAAAAGGGGGAGGGGGAAGGAGAGGGACGGAAGGCCAGAGCCA~}$ AAAACGAGGGAAAAAAAAGGGGGGAACGACAAGAAGGAGGGGAGGAAGGA AGGCCGAAAAGAGGGAAAAAAGGGCGAGGGAGGAAGAGAAGGGGAGGAA GGACTAGGAACCAAAGGGAACCGGGAGACAGGCACAGAAAAACCAGACAA AGGAGAGAGAGGGGGGAAGGGGTAAGGAGAGGGGGAGGAGGAAAGGAAG GAGACAAAAGGAGGGGGAGAAAACCAAGGCCGGAAGGAAAGCCAAGGGAG GCCGAGAAAGAGAAGGAAAGGCAGGAAGGAGGAGAAGGGAGGAAGGGAC GGGGAGGAGAAAAAAAGGGGGAGAGGCCAAAGGGAAAAGGAAGGGGCCG GAAGGGAGAGGGGAGGGAGGGAAAAAGGGAAGGGGAAGGGGGGAGGGGG CCACCCGAAGAAGGGGGAACGAAGGGAGGGGAAAAGCAAAAAAGGGGAAA GGGAGAGAGAGGAAGAAGGAAGGGAAAAAAGGAGAAACAAAACCGAAAAA GGGGACGAAAAAAAGGAACAAGGGAGAAGGGAAAGAGGAAAAGGAACCGG GACAAAAGAGAGAGGAGGAAAAAGAAGGAGAGGACCGAACGAGGGAAGAA CAAGGGGAAGAGGAAAAAAAAAAAAAAAAAGGGGAAAGGGAAGGGGAAGA A G G G G G G GCCAAAAGGAAAAAAGGGGAGAAAGGGAAAGAAGGCAGGGGA GAAAGGGAGCCCAGGAAAGGGAAGGCCAAAAGAGGAAGAGAAAAAGGAGC CAAGGCCGGAGGGAGGAGGGGCCGGAAGGGGAAGAAAAAGGGGGGAACC AA GAAACCGGGAACAGACGGCCAGGAAGCCGGGGGAGAAGAAGGCCGAGG GGCAAACCACAGAAACGGGAAAAAAGACGGAAAGGGAAGGGGGACCGGGG G G G G G GAACCAGAGGGGACCCCGGAGGGGACCGGAGAAAGAAGAGAGGA CAAAACAGGAAAGAGGGAAAGGAAGGGAGGGAGAGGAGGGGAGGGGAGG CCAAGGGAAGAACCGAAGGAGGAAAGAGGAGGAAAAGAGGGGGAAAGAAA CCAAGAAAAAAAGGAGATAGGGAAGGAAAAAAAGAGAAGGAAAAGCCCAA AA G G A GAGGACAGAGGGGAGAAAAAAAAAAAAAAAAGGAGAGGGAAGGGG GGGAA GAAAAAACCGGGGGGGGAAGGAAGGGGAAAAGGGGGGGGAGGGA AAAAAAAAAAAAAAGAAAAAGGGAAAGGAGGACAGAAAAGGCCGGAGAAG GGGAACAAAACGGAGGAAAAAAAGAAAGGGAGGAAGGAAAGGGAGGGAGG AGGGGGGGGAAAAAAAAGGAAAACCAAGGGGGGAAAGAACCAAACGAGGG GAGAGAGCAGGAGCCAGAGGAGAAGAAGAGGGGAAGGACGAAGGACCGG GGGGGGCCGGAAGAAAGGAAAACCGGAACCCCAAAACCAAGGGAAAGGAA G GTTGGAAGGAGAGAAGAAGGAGAGGGAGGAAAGGGCAGGGGAAAAGGC CGGAAGGAAAAGAAGGGGGAGAGGAAAGGGGAGGAGGAAAAGGGGGAGG GAAAAAAAGAAGGGGACCCCCCAACCGGGGAAAAAGAGCCCATTAGAGGA G G GAA GCAAAAAGGGGAGGACCAGGAGGGGAAGGGGGGGGGGGGGGCCA AAAGGCCAAGGAAAAGGAAAAAAGGAAACAAGGAAGAGGAAAAGGAAAAA AAAGGAAAAAAAACCCCCCCCAACCAAAAAGGGGGAAAAGGCAGGGGGGG GAGCCGGAAAAGGAAACAGAAGGCCAAGGGGAACCCCGGAGAGCAGAAGA GGGATAGGGAAGGGAAAGGGGCCCCAAGGAAGGAAAAAAAAAGCCGAGGA GAAAGGGGGGGGGCCCCGGACAGAAGGAAAAAAGGAAGGAAAAAAAAGGG GAAAAGGGGAAAAGGAAAAAAGGGGGGCCGGAAAAAAAACCGGAAAAAAC C G G A A G G G G G GAAAAGGCCGGAAGGAAGGGGGGAAAAGGCCAAGGAAAA AA G G G G G G A A A A A A G G A A C CAAGGGGAAGGAAGGAAGGAAGGAAAAGGAA GGAAGGCCCCAAGGAACCGGGGAAAAGGAAGGAAAAGGAAAAGGAAAACC
 G G G G G G G AA G G G G AA G GCCAA G GAAAAGGAAGGAACCAAAAAAGGGGGG AA $\operatorname{A}$ GGGGGAAGGGGGGAAAATTGGTTGGAAGGAAGGGGGGGGGGAACCA AAAGGAAGGAAAAGGAAAAGGGGAAGGGGAAGGCCGGAAGGGGAAAAAAG GGGCCAAAAAACCACAAACAAACAAAAAAGGGAAAGGAAAAGGGGGGAAG AAAAAGGAAAAGGAACCGGCCAAAACCAAGACAAAAAAAGGCCGGAAAAA AAAAAAAAAGGAGAAAAAAGGGGGGAGAAAAAGGGGGAAGGAAAAGGCCA A G GAAGGAAAGGGAAAAGGGGAAACGAAAAACCAAAGGGAAAAGGGGCCG GGGAAAAAAGGACAGAGCAGGGGAAAGAACCAAAAGGGAGGCCCCAGGAA CAAAAAAGGAAAAGGGGGAAGGGCCGGAAAACCAAGGACACACAGGAGGA AAAAGAACCAAAAGGGAAGAGGAGAGAGGGGCCGGTTGGGGAAGGGGGG GGAAAGAAAGATGGAAAAAAGGGGCCCAAACCAGCAGGGGAGAAAGAAGG GGGGGGTTAGGGGAAAAAGGGACGGGGGGGGGAAAACAGGAGAGCCGGA GGAAAAAAGTTAGAGAGCCGGCCGGAAGGGGGGAAAACCGAAAGAAAAAA A G G G G G G G A A G G G G G G A A G A G G G G G A A A G G G G A A A A G G G G G G G G G G G G AGAAAAAAAGACGAAGGAAGGAGAGAAGGGAGAGGGAAAGAGACGGGGAA GACCAAGGAAAAAAGACCAAGAAAGGGGAAAAGGCAGAGAAACCAAGGAA AA $\operatorname{l}$ GAAGCGGGGCCGGGGAGGAGAGGAAAAGGGAAAGGAGGGAGAAAAT TAAGGAAAAAATTAAGGAAGGGGGGGACAGAGGGAGGTTACGGAAGGGGG ACCGGAACCGGAGGACAGGGGGGAACCGGCAGGGAGGAAGGAAGGAAAA GGACGGAAGGAAGAGAAGACAGAAGGAAGGAAAAAAAAAGGAGGAAGGGG AAAAAAAAAGATCGGAAACCAAAGAGAGGGCCAGAAAAAAAAAAAAAGAAA GAGGAGGCCAGCGGGGGAAGGAAAAGAGGGGGGGGAGACAAGAGGAACC G GA $\operatorname{G} A \operatorname{A} A A C C G G G G G G A G A G A G G G A G A A A A G G G G G G C A A T G G G A C C A A A$ AAAAAAAAAAGGGGGGGGGCCCCGGAGAGGAGAACAAAGGAGGGGGAGG CCAGCAAGGGGACGGGCCGAGGCCGGCCCCAAAAGGAAAAGGAAAAAAAA AAAAGGGGGGGGAAAAGGAAAACCGAGGGGCAGACCCAGCTACCGAAAAA GAAGCCAAAGGACGAGAAAGGGCCAAACAGAGAAGGCCACAAGAGGGAAA CCAGGGGAGGAGGGCCAGACAAAAGGCCGGAAGGACAAAAGAAGAAGGGG GGAGGACCAAACGAAATTAAAGAGAAGAAAAAACCAAGAAGGGGGGACCC AGGGCCAAGAAGGAGGGGGGCACACAACAGCAGGGGAGAGGGAAGGAAAA CCGGGGGGAGGGGGGAAGGAAAGAAAAAGGGGAGGGAAAAAACCAAGGG GGGAAAAAAGGAACAGGAACCGGGAAGAAAGGACGAAGAGGGAGAAAAAA AAACAAAGAGAAATTCAGGAAAAAAAAGAAGGAGGAGAAAATAGGGGGAA A G G G GAAAAAGGGGAAACAAACCAGGCAAACACAAAGGGAAAAGGGGCAT TGGGGGACAGAAGAGACCAAGAAAAGGAAACAAGAAAAAAACCAAAAAAA GAGAAGAAGGACACGAAGGGGAAAAAAGGCCAAGGAACCAAAACCCCGAG G GAAAGGGGGGCAAAGGAGAAAGAAGGGAAAGGCACCAAAAAAAAGAGGG GAGAGGGACGGGGAGAAGGGGAAAAAGAAAAGGAAAACCGACCAAGGGGA GAGGGCCGGAGAGGGCCGGAAGAGAAAGGAAGAAGAACCGGAATAACGGA CGAAGAGAGGAGGACGGGGGAGAAGAACCAGGAAGGGACGAAGAAAGAG GAAAGAGGGAGGCCCCAAGGAGGAAAGGGGGGTACCAAGAAAAAAGAAGA GGCCAGACAAAAGGGAAAAAGGCAGGAGAAGGGGCACCGGAGGGAGGGG GGGAAAAGAGAGGAGGGCAAGAGAGAAGGGGGGGAGGGGAAAACCAAGG AGGAAAAAGGAAGGCCGGGGGGCCGGAGGAGAAGGAGGGGGGGGAAGAA AGGGGCCAAGGAAAAGGGGAAAAACAAAGGGGAAAAGAAGGAGAAGGAAG GGAGAAAAAAAGGAAAGACACAAGAAAAAAAAGCACCAGAGCCGGAAGAA AAAGAGAAAACAAACGAGGCAAAGGAAAAAGAAAGGGAGACGGACAACCA GGGAAAAAAGGAAAAAAGAACGGGGATGGAGGAAGGCGGGGGAGGCAAA GAGAAAAGGGGAAAAGACGAGAGGAGAGCACCGGCCGGAGAAAGAAAGGA AAAGGAAGAAAAGGCCAGAGAGACGAGGCAAAACAAGGAGCCGGAGGGAG GGAAAAAAAAAAGGGGCCAAAAAAAACCAGAGGAAAGGGGAAGGAAAAGC G G G GAACGGACCACGAAACAGAAGGGCCGGAAGGAAGGAGCCGGGCAGAA AA GAAAAAGGAGAGGGAAGGAAGGAAGAAGAGAGAGACCCGGAACCAGGG CCAAGGGAAAAAGGCCGGTTGAACGGAAAACCCCAACCGGAAGGAACCAG AGGGAGGAGAAGGGCCGGAGGAGAAGGAAAAGGGACAGAAGGAGAGAAA A G G G GAA G GAAGGCCAGAAGGAAAAGGGGAAAACCAAGGGGAAGAGGGAA A GAGGAAGGGACAAGGAAGGGAAAAGGGGAAAGGGGAAAGGGGGAAAAA G G G G GAGAGGAAGGAGGAAAAGGAGACAGGAAAGGAAGACGCGGGGAAG GCCGAGAAAGGGGGCAAGAAAAAGAGAGGCCAAAGCCGGAAGAAAGGCCA AAGCACCAGAGAGAAGGAAGGGGGGGAAGCCACGAGGGGGGAGGAGGGG

GGGAGGAAGGCCGAAAAACCAAAAAGAGAAGGCAAACCAAAAGAAAAGAG AAAAGAGGAAGGTAGACAAGGGGGGACCAAGAGGAAGGAAAAGAAACACA G G G GAGAAGCAAGGAAAAGGGAAGGGAACAAAGGGGGGGAGGGGAAGGG AGAAAAGAGAAAAAAGGAAGGGAAGAACCAAGGGGGAGAGACCAGGAAAA A G G G G G GCCAACAGGAAAAAAGGAAAAAAGGAGGGCCGGAAGGGGGGCCA ACCAGGGCCAAAAGGGGAGGGAGAAAAAACCGGAAAAAAGGACGGAGAGA AGGGGCAAAGGGAGGAAGAGGAGAACCGAAGAGAGGAAGAAAGCCAACCC CA $\operatorname{l}$ G G G G G G G G G GAAGGAGAGAGGAAGCCAGAGAGGGAACCAGGGAAGA GAAAAAGAGAGAGAGGAAGAGAGGGGGACAAACCGGCACAGGGGAAAGGG AGAAGAAGCCAAACGGGAAGGAAAAACAAAAACAAAGAGAAGAAACGAGG AAAGCGGAGGAAGGGGCCGGAAGGGGGGGGAAGGGGGGGGAAGGAAGAG ACACCGGGCGGGAGGCAGGGGCCAGATGAAAGAGGAAGGGGAAAAAACCG AGGAGCAAGAGAAGGGAAGAGGGGGGAAAAGCCGAAACCAGCCAAGGACA AGGAAGGAAAAAAAAACAGGGAAGGAGAAGGCAGGAACCCCGGGGCCAAG GGGGGGGCCAGAAGGGAGGAAAAAGACGGAAGGCCGAAAAGAAAGCCAAG GAAAAAAAAAAAAAAGAAAAGCAACAGAGGGAGCCCCAGAAGGAAAAAAA AAAGGAGGAAGGGAAAGAGAAAAAGAAGGAAGGGGCCAAAAAAAAGGGGG CСAACAGAAGGAAGGAAAAAAAAGAAGGGGGGGGGAAAAAGCAGGGGAGA AAAAAAAGGGGGGAACCGAAAGAGACCACAAAGGGAAAGACGGAAGGAAA ACGAACCAGGAAGCCGGGGAAAAAAAACCAAAAAAAAGGGGCCAGAAGGC CCCCCCCAGAAAAGAAGGAACGGGAGGGGAAAAAAGGAAGGAACCGGAGA GAAAAGAAAGAGGGGAACAAAGACCCCGGAAAAAGCCGGGAAAACGAAAT TAAAACCAGAGGAAAGAAAAGAAGGCCGGGGAATTAAAAGGGGGGAAGGG G GAAAAGAACCAAGAAGAAGAAAGGGGGGAGGGAGGGAAAAGGCCGGAGA CCCAGAAGGAAGAGAAGAAAATTGGAAAAGGGGGAGGGGGAGGGGAAAAA A GAAAAGGAGGGGGGACGGAGCAGGAAGGAAGAGGGAAGGGAGAACCAA GGAGAAAGGGCCGGGAGAAAACAAAAGGGGAAAAGGTTAGAGGGAAAAGA AAGGAAAGAAGGAGGGACGGGGGGGGCCAACAAGAAGAGGAAAATAGCGA AACCGGGAGGAGGGAAAGCCAAGGGGAACCAGAAACACCCGGAAAAAACC AAAAGGAAAAGAAGAGGGAGGAGGGGCAGGCCCACCAGGAGGGAGGAAAA AAAAAAAAAACCAGACGGGAGGAAGAAGAGCCGGGACAAACCGGGAGGGG AGGAGGCCGAAAGGAAGGGGGGAAAGGAAAGAAGGAGGGACCGGGAAGA ACCAAGGGGAACAAGAGAGCCGGAAGAAGCCGGCCGGGGGGGGAAGGGG G GAAAC G G G G G G G G G G G G G GAAAAAAGATTGACCGGAAGGAAGGAAGGA CGGAAAGAGAGGAAAAAAGAAAAGGCCGAAAGAAGGGGGGGGGAAAGAGG GACAACAAAGGGGAGCCGGAAGGGGCAGGAGAAGGCCGGAAGGAAAAAAA AAAGGAAAAAAAAAACCGGGGGGCCAAGGGGAAAAGGGGAAAAAAGGGGG GGGAACCGGAAAAGGAAAAGGGGAAGGGGAACCAAGGAAAAGGGGAAGGA A G G G G G G G GAAAA $\operatorname{A}$ GGGAAGGAAAACCGGAAGGAAGGGGAAAAAAAAAAG G G G G GAA G GAAAAAAGGGGGGGGGGGGAAAAGGAAGGAACCAAAAGGAA G G G G G G G GAAGGAAAAAAGGTTAAAAAAAAGGGGCCAAGGGGCCAAAAGG G G C CAA $\operatorname{l}$ GGGGGGGGGGGGGAAAACCGGGGGGGGAAAACCCCGAGGAAG G G A G G G G G GAAGGGGGAAAAGCCAAAAGAAAACCCGAGAAAACAGCCGGA AGGGAAGGAAAAGGGCAGAAAGGGGAGACAAGGAAGGAAGGAGGGGGAG GAACAAGGCCGGGGAGACGGAACCAGGGAAGGAGGGCCGGGGGGGAGGA CGGAGGGGGAAAAAAAAAGGGAGAACCAAAGGGGATTAGAAAAAGAAGGG GCCAAAAAAAAAAGGGGAGGGGAAAAAAGGGGGGGAGAAGAAAGGAAAAA AGGGGACGGCCAAAGGGAAAGCCAAGAAAGGAAAGGAAACCCCAACCGAG GAACCAAAGGGGAAAAACCGGGGGGAAAAAAGAGAGGAGCAAGGAAGAAG ACCGGGGAACCAAGGAAAAGGGAGAGGCCAAGGACGAAGAAGGACGGGCA AA G G A G G GAAAAAAAGAAGAAGAAAAGGAGAGACAGAGGGGAAAGGAAAG GGGCCCAAAAAGAGAGAGAGATACCGGGGCCAAGGAAGGCCGGAACCGAG G G GAA G GAAGGAAGGGGAAGGGAGGGGGAAGGAGAAAGAAAAGAAAAAA AGGGGGCCAAGAGAGGGAAAGAGGAAAAAAAAGGAGGACGCAAAAAAGGA AA $\operatorname{l}$ GAAGGGGGAGAGGGAAAAAAAGGAGGAGACGAAGGGGGGGGGGAAG GAAAGGGACGAGAAGAAAACCAACAGGCAAAGGGAGGAGGGGGAGCAAAA AAGGGCAGAAAGGAACAAAAGAAGGGGGGGAGAGGAGGAAAGGGAGAGA CAACAAGGACGGCCAAAAGAAAAAGGGGAGAGACGAAGCAGGGGAGGGAA GGGGGAGGAGAGAGAAGGGAACCCGGAGAAGAGGAGAAAGAGGGCCAAA GGGGAAAGGGGGGAACCGGAGAGGGAGAAGGCCGGAAGAGAAAAAGAGG AGGAGCAGGGAAGGGGAACCGGGGAAAAAAAAAAGGAAAACCAAAAAAGG

G G G G G G T T G G G G G GAAAA $A$ GGGGGAAAAGGAAGGGGAAGGGGGGAAGGA AGGGGAAGGCCGGGGAAAACCGGAAAAGGAAAAGGGGAAAAGGAAGGAAA ACCAAGGGGAAAAGGGGAAAAGGGGAACCAAGGGGGGGGGGAAGGGGAA GGAAGGAAAAGGCCAAGGGGGGGGAAAAGGAAAAAAGGAAAAAAAACCAA AA G G A A G G G G G G A A G GAA G G G G G GCCGGGGGGGGAAAA G G G G G G G G G G G GAAAAAAGGGGAAAAAAGGGGAAAAAAGGGGAAGAAGAGAGAGAGCAGAC CCCAA G G G G G G GACCGAACGGGGGGAACCCCCAAAGAGGAAAAGGCCGAG AA $\operatorname{G}$ GGGAAAGGGGGGCCGAGGAGGGAACCGGCAGAACAAGGACGAAAAAA AGGATAGAGGAGGCCGGAGCCCCGGGAGAGGACAAAAGAGACCAGGGGG G GCCAA GAAGGAAGGAGGAAGAGAAAACGAAAGAAGGAGGGGAAGAAGAC GAAAGGGAGGGGGGAGAAACGGAAACAAGGGGGGAGGAAGCCAAGGAAG
 G GAAGAACGAACAGGAAAAAGAAACACCGGACACGGGGAAGGGGGGCCGG CCAAAAGGGGCCAACCAAGAGGGAAACCGGGGACGAGAAACCGGAAGAAC AGCAACAGAGGAAAGGGGAAGGGGCAAGAAGGGAAAAAGGAAGGGAAGGA GGAGGAGGAGGAATGGGGGGAAAAAAGGAAGGCCAAGGGGGGAAAAGGC CAAGGCCAAGGAACCAACCAAGGAAGGAAAAAAAAGGGGAAGGAAAAGGA AGGGGGGAAGGAAAAGGAAAAGGAAAAAAAAGGCCAAGGAAGGGGTTAAA AAAAACCAAGGGGGGAAAAGGAAGGGGGGAAAAAAGGGGGGAAGGAAAAG G G GAA G GAAAAGGGGAAGGCCCCAAAAAACCAAGGGGCCAACCAAGGCCA AGGCCGGCCAAAACCGGGGCCCCGGAAAAGGGGAAGGGGGGCCTTGGAAG GAAAACAAGAAAGGGACAAGGAAAGCCAAAAGGGAACGGAGGAGAAAAAA GAAAAGAGAAGGAGGGGGGCAAGAGAAAAAGAGGAGAGGAAGGGGAACC GAAGAAAAAAAAGGGGAAGGAACCCCCCGGAAAACCGGAAGGAAGGGGAG GGGGAAAAGGCCAAGGGGAAAAGGCCGGAACCGGGGGGAAGGGGGGAAA A G G G GAA G GAA G G G GAAAACCGGAAAAGGGGAAAAAAAAAAGGGGGGAAG GGGAAAACCAAGGAAGGGGGGGGGGAAGGCCAAGGCCCCGGAAAAGGAAA AAAGGAAAAGGGGAAGGAAAACCGGAAAAAAGGCCAAAAAAGGCCGGGGG GGGGGAAAAAAAAAAAAAAGGAAGGAAGGGGAACCGGGGGGAAGGAAAAG GAAGGGGGGGGGGGGCCGGAAGGAAAAGGAAAAGGAAGGAAAAGGGGGG AAAAAAGGAAGGGGAAGGCCAAAAAAGGAAGGGGAAAAAAAAGGGGGGGG AAAAAAGGAAAAGGGGAAAGCCAGGGAAGGAAACGGGGAACCGGAGAACC G G G GAAA G G GCAAGAGAGAGGAGAAAAACAAAGGAGGAGGCCGGAAAAAA GGAAGAAAAAGAAGAGGGACAAAAAGAGAAAAAAGAGGGAGGAAGAAAAC GAGGGGAGAAGGCACAGGAGGGAGGAACAAGGCCAGAAGGGAGAAGCCA GACGGGGGGGGGGGGCCAGAGAAGGGGAAGGAAGGAAAGGGAAGGAAGG
 AAACACAAGGAAGGGGAGGAAGGAGCCGAGGGGGGAGAGAAAACCAGGGC AGAGGGAAGACGGGAGGAAGGAAAGAGAGGAAAGAAAGGAGGGGAGGGG GAAATACCCAGAAAAAAAGGAGAGAAGGGGGGGGAAGACCACAAAAAAAA GAAAGGACAACCGAAAAAAGAAGGGGGGCCGAGGAGACGGGGGGGGAGA AAAGGGGAAAGACGCAAGAATGGAAAGCCAAAAAAAGAGGAGAGAGAAAA AA GAGAGAAGGGGCCGCAGAAACGGAAAAAAGGTAAGAAAGGAGAGGAGA CAGGAGGACAGCCAGCAAAGGAAGAAAAAGGCCAAAGAGAAGGCCAGAAA AGGCCAAGAGGAGGAAGAAAGGGGAAAAGGGCCAGAAGGGGGGGGGGGG GAGGCCGAAGGGCCAGAGAGGGGGGGGGAAAAAAAAAAAGAGACGGAGG GGGACCCCCACAAAGCCACCCAAAAAAGGCACAAAAAAAGGAGGGCAAGG GGGCCGACCGGAAAAGAGGAAGGCCAGGGGGAAAGCCGGAAGGCCTAAGA AAGGGCCGGCCAAAAAAGACAGGGGAAGGAAAAAGAGAAGAGACAAAGGA GCCGGGAAAAAAAGGGGAGGGAGGGAGAGGGGGGAGGAGAACAAAGGGG ACGAGGAGGGTAAAAGAAGGGAAAGGAAGACAAGGGGGGAAGAAAGGGG GGACCGAAACCGATACCAGGGTAAAGGGAAAGAAGAGAGGGAAAAAAAAC CGAGGGGAGGATTACAGCAGGAAGGAAACCCGAGGGGGGGGAAAACCCCG G GAAAACAACCAAGGGGAAGGGGTTCCGGGGGAAGAAAAAGCAAAAAACG
 ACAAGGAAGGCCACAGAACAGGAAGGGGGAGGGGCAAGGGAAGGCCCCAA AGAAAAAAGAGGGAGAGGAAGGAGAGAGAGGAGGGGAAAGGAAGAAGAAC GAAAGGGGAAGGAAAAGGGGGGGGAAAACCAGAAGGGAAAGAGGAGAAAC CCAGCAGGAAAAGGAGGGAAAAGGAAGGAAAAAAAGAGGGAGACGGAAGA AGAAGGAGGAAGGGCGGGGGGATTAGGGAACCAAAAGGAAAAAAAAGGAA CCAAGAGGGGAAGGGGAAAACCGGGGACAGGGGGATCAAAAAGGGGCCGA

CCAAGGAAAAAAGGCCAAAATTAAAGGGGAATAAACGGCCAAAAAGGGGG AGAGAAGAAAAAAAGGGGGGGGAAAAAAAAGGAAAACCAAAGAAGGAAGG GGGAAGCCGGCGCCGGGGGACAAAGGCACCAGGAAGAGGAGGAACCGGAA AGGGAAAAGGGGGGGAGGCCGGGGGGGGGGAAGGAAGAAAAAGGGGAGC CGGGAGAAGCCAGAACCGGGGAAAAAGGGAGAAGAAAGGAAGGGGGGAA GGGGGAGGGGAAGGGACCGGGGGGGGAAGGCCAACAAAGAGGGGAAGGC CAGAAGAACGGAAGGAGGGGGAGGGGGGACAAGAAGGAGGGAGGGACGG CCAGAACAAGAAGGCCAAAACCGGGGAGGGAGGGCCAAGACAGGGGGGGG GGGGAAAAGGGGAGCGAAACACCACAGGGGAGGGGGGACAGACCAAAAAA CCGGAAGAAGGGCCGGAGGAAAAAAAGGAAGAAAAAGGAGAACCGGAAGG AAAAAAGAGGGAAGACAAAAGGCCGGGGAAAAGGGGAAGGAAAAGGAAAA GGGGAAGGCCAAAAGGGGGGGGGGAAAAGGGGAAAAAACCCCAAAGAAGG AAAAGGAAAAGGAACCGGAACCAAAAGGGAACACAAGAAAGAGGAGAAAA AAGGAAAGAAAAGGAAAAGGGGAAAGAAGGAAGAGGAAAACCAAAAGGCC AAAAGGGGAAAGAAAAAGGGAGAAGAAGACAAGACCAACCGGAACCAAGA AGGAGGGAGGGGGGCCGGGGAAGGGGGGCCGGAAAAGGGGAGGGAAAGG AA G GAAGGGAAACAGACGGAAGGGGGAGAGAGAGGAGAGGGGGACGGGG CCAGAAGGGGGAGGGGAAAGAGGGAGACAGAAAAGGGGGAGGAGGAACA GGGAAGGACGGAAAGAAAAAAAAGGAAGGGAAAGAGACAGAGAAGACCGG GCAGACAAAAGGGGGGGAGAAAGGGAAGGAAGGCCAGAGAAAGAGAAGGA GGAGAAAGAAAAACCAGACAGCCAAAAGGCCGGACGGAAAAAAGGGGCGA AGGAAGGAAGGGGGGGGAAAAGGGGGGAAAAAAGGAAGGCCAAGGAAAA GGGGGGAAGGGGAAGGGGGGAAAAAAGGAAAAAAAAAAGAGGAAAAACAG GGGGAAGGAAGGGGGGGGAGGGGAGGGGGGAAGGAAAAAAAGAGAGAGA GGAACAAAGAGAGAGAGGGGGCCAAAAAAACGGCCGGAGAGAAGGGGAAA ACAGGGAAAAAAGGAAGGGACGAACAGGGGGAAAACCAAGGGGAAGGCCA AAAGGAAAAAAAAAGGAAAAGAGAAGGAAGGCCGGAAGGAAGGAGAGAGG GGGGACAGAAGAAGGAAAAAGAGAGGAAGAGCAAGGAAGGGAGAAAAGGG GAAAAAGCAAGAAGGAGCCCCCCGAGGAAAGAGAAGGCCGGAAAGGAGAA AAAGAACGGGGGGACAAGGGGGGGGAACCAAAAGGGAGAACGGAAGGGG AAAAACGGAGAGAGAGAGAGAGGAAAGGGGGGAGGACCGAGAGGAGACG GGAGGAAAAAAGGGGAAAAGGTTGGGGGGGGGGAAGGAGCAACGGAAGG GGGGAAAAAGAAAAGGCAAAAGAGGACCAAGCGAGAGGGGGGAGCCGGG GCCCCAGGAAGAAGGCAAGGGGAAGAGAAGGATAAGGGGGGAAAAAAGGA AGGGGTTGGGGAAAAGGGGGACGAGGGAGAAAAAGGAAAGGGGGGGGAG CCGGAAAGAAAGAAGGGGAGAAAAAGAACCGCAAGGGGGGAGGGCCGGAG GGGGAGCCGGACAGAGAAGGGGAAAAAAGGGGAACCAGAAAAAAGGACGG ACAACCGGAGGAAAGGGGAAAGGAGAAGAGAGAACCGGAGAGAAGGAAGA GGAGAAGAGAAGGAACGGGGAAAACAAGGAAGAGGGGGGGGGGAGGGGA AGGGGCAAAAGAGGGAAAGAAGGACGAAAAGAGGGCAAACCGGGGAAGGG GAGGGGGCAAGGAAAAAAAAAGGGGAAAACCAAGGGGAGCAGAACGGAGA GGGCCAAAGGGAAGGGAAAGGAAACGAAGGGAAGGAAGGACCAAGAGAGA GAGGGAAGGGGAAAAGGGGAGGGGGGAGAAAAAAAAAAGAGAGAGAGAA GGGGAGGGAAGGAGGAGACCAAAAGGAAGGGGAAAGAAGGAGGGGGGAA GAGGGAGGAAAGGGGAGAAGGGGAGGGAGGAAAAAGGGAGAGGCCACGG CCAAAGGGGGCAGGCAGGAACCAAAAAAAAGAGGGGCCAGCAAAGGAGAG AGAGACAGCCGGAGCAGGGAGAGGGGGACAGAAGGCAATTCCGGGAGGA GAAAAAAAAGGCAGAAATTGAGAGGAGGGAGAACCTTCCGGGGGGGGAAA GAGGAGAAAACGGGGGGCAAGAGGAAAAAAACAGAGGACAGAGGAACAGG AA $\operatorname{la}$ AGGACAAGGGGGGAGAGGAGGAAAGCAAAAGAGAAGGAAGGAAGG AAAAAACCCCAACCCCGGAGGGGGGGAAAGGACCGGGAAAGGAAAAAAGG GGAGAAGGGAGAGGGGGGGAGGGGGGAAGGCCAGGAGGGGGAAGAAAAA GGACCCAGGCCAGAAAAGGAGAAAAAAAGGGCCAACCGAACAAAAAGCAA ACACAGGGGGGAGAAGAAAAGGAAGAAAAGGCCAAAAGGTTAAAAGGAAG GGGCCGCGGGGAAGGGGGAGGAGGAGGAGAAGGGGGGGAAAAAGGAAGG AGGGGACCAAAGGGAGAGAAGGCAAAGGAAAAAAAAAAAAGGAGACAAGA GGAACCGGCCAAAAGGGAACCCAAGACACCAATTAAGGCCGGAAGGGAGG GGAGGGGGGGAGGGGGCCAAAAAAGGAAGGCCCCAAGGGGGGGGGGAAA AAAAAGGCCCCGGGGGGGGAAAAAAAAGGGGGAGGAAAAAACCAACCAAG GGAGGGGCAAGAGAAGAAAGGAAGAAAAGAAGGGAGGGAAGGGGACCAG AAGGGAAGAACAGGAGAAGACCAAGGGGCCAAGGAAAACCGGAAAAGGAA

G G G G G G G AAAAGAAGAAAGAAGACAAAGGGGGAAGGAACCGGGGAAAGG AA $\operatorname{HAA} A \operatorname{GAA} A G A A G G G G A A G G G G A G A A G A G G A G G A A G A A G G G A A G G G G G$ AAGAGACAGGGGGGAAGGAAAACAGACCGGAGAGAAAGGGAAACAAAGAG GAAAAAGGAAGAAAGGCCGGAAGAAAGGGGCCAAGAGGAAAGACCACCCC AAAAGGAGAGAAAAAAGGAAGGAGCACAGGAAGGAGGGAAGGGGGGGAG AA $\operatorname{AAA}$ A GCCGGGGGAAGGGAAGGGGAAAGAAGAGAGGGGGGGGGGGGAG ATGGAACCCCAGACGAGAGGCCGAGAAGGAGGGAGAAGGAAAGAAGAAAG GAAGGGAAGGAAAGAGGAAGGGGGGGAGAGAAAGGGACAAGCGGGGAAA ACCAAGGCCAAAACAAGGAGGGACAAAAGGGGAGAAGAGGAAGGGCCAAG G G G G G A GCAAGGGCCGGCCAACCCCGGAAAGAGAAAAGGGGGAGAGGAG AAGGGGAAAGCGAAGGGGCCAAGGAAACGGAAGGAAAAGGAAATCAAAAA A G G G G G A G G G G G G G G G A G A A G G A A CCGAGGGGAAGGAAGAAGAGCCAAA TACGAAGGGGAACGACCTTGGGAAAAGGGCCGAGACCAAAACCACGGGGA AGGAAGGGGAAAAGGCCAAAGAGGGGAGAGAAACCAGACGAGGGGGGGG AAAAGGGGGGGGAAAAAAAAGGCCCAGGCAAAGGCGGAAGAAGGGGGGTA CGCCAAGGGGAGGGGGCCCCCCCCAAAAAGCAGAAAGGCCAAAAAAGGAG AAGGAGGAAGGGAAAAACGGCCAGAAACAGCACGAGGGGGGGGGGAAGAA G G G G G G G GAGGGCCCCGGGAAAAAGGAGGGAACCCAGGGGAAAAAGCCA AGAAGGGCCGGAGGGAACCGGCCGACCAGGGGAGCAAAGACAGAGAGAGG GCGAGAAGAAGGAAAGGGGCAAGGGAAACAAGGCCGGGGAAGGAAAACAG G GAGAGGGAGAGGTTACGGGGACCCAGAAAGGGAAAAGGGGGGCCAAAA G GAAGAAAAGCGGAGGGAGGGAAAGGGGGGGGAGGGAAAAAAAAAACAA G G GAAA GAAAAAACGACGGAAAGGGGGGGAGAAGGAGGGGGGAAGGAGA AAGAAGGAAAGAAGGGAAAAGGAAAGGGCCAAAAAGGGCCCAGAGAGACC AGAGGGAAAAAAGGAGGGCAAAAGCAGAAAGGGAAGGGGGGAGACCAAGG GGAAGGAGCCGAGAGGGGAGAAAGCAACGAAGAGCACCGGGAAGGGGGA GGGAAAAGGAAAACGCCAAGGGGGGAAAAGGGGAAAAGGGGGGGGGGAA ACAGAACAGGGGGGATGAGAGAAGGGGGACACGGAAAAAAGGAAAAGAAG AAGGGAAGGAAAGAAGAGAAAAAAAAAAAAAAGACCGAGAGGCCGAAAGA AAGGCCAAACGGGGAGAGCGAAGGAAACAGAGAGAAACAAGACCGAGGAA GAAAGGGGGACCGAGGGGGAGAGGAGAAGGGGGAACGGGGCCGGGGGAA GGAAAGGCAGGGGGGAAAAGGCCGAAAGGAAAAAAGGAAGAGGAAGGGAC CGGGAAGAAAGAAGGCCAAGGCCCCGGAAAAGGAAAAAGAACAAAGGACG G G GCCAGAAAGAGGGGGGAAGAGGAAGGGAGCAACGAAGGGAAGGGAAA AAAAAGACAAAGAAGACCGGGGGCAAGGCCGACCAAAGAGAGGGAACAGA GGAAGAAAGAGGGAAAAACCCGAGAAAGAGAGAAGGAGAGAAGGGGAAAC GAGGGGAGAAGGGGAGAGGAGGGGGGAAAAAAAGAAAAGAGGGGGAGAC AGGAAGGAAAAAGGGAGAAGAGGGGGAGGAAAGAGGGAGAGGGAGGGGA GAGGTAAGAAGGAGAAAAAAAGAAGAGGGGGAAAAGGGCCGGGGAAGAAC GGAGAAGAAGCCAAAAGGAAGGAAGGAAAAGGGGAAGAAAAAGAAAAGAG A G G G G GAA $\operatorname{l}$ GAACCGGGGAAAAAGGATAGGAAGGAAAAAAGGGGGGCCAA AA G GAAAAAAGGGGCCGGAAAACCAAGGGGGGGGCCAAGGGGGGAAAAG GAACCCCGGAAGGAAGGGGGGGGGGAAGGGGCCGGGGAGGGAGAAGAGA GGAAAAGGGGGGGAGAAAAGGGACAGCCAAAGAGGAGGAAGGGACACCGA CGAAAGGGGGGGAAAGAAAGAGGGTTAGAGCCGACAACGGGGCACAGGAG GAGGAGAGAGGAGACCGGGGGAAGGGAACCAAAGAAGGCAGAAGAGCAAA GGAAAAAGGGGGGAGGATAGAAGAGAAAGATAAGGGGGGGGAAGGAAGC CGGGGAGAGAGGGAAGGGGGACAGAAGAGAAGGATACAAAGGGACGAGG CCGGGGAAGGAGAAGGAGAAAAAAGAGAAAGGAAAAGGAAGGGCAAAGGA CAGGAGGGTTGAAACCAAAGAAGGGGGGGGGGGAAGAGGGGAAAAAGAC CGGGGACGGAGAAAAACAAAGGAAAAAGGAAAAGGAAACGGACGGAACAG
 CGGGAAGGCAAAAACAAAAGGGAACCCCGGGGGGAAAAAAGGGGGGGGG GGGGAACGAGAAACCCAGGAAGAAGGGCAAGACAAAAAACCGGCAAGAAA G G G G G A GAGGGAAGAAGGGGGGGAAAAGAGGGAGAACCCAGGAGAGGGA AGAAAAGGAACCAAATAGGGAGGACAGAAAGGCCAGAGACGAGAAAAAGG GGCAAAAAGAGGAAGGAGAAAGAGGGGGAAGGAAGGGGGGCAGAAACCG GAAAAGGAGGGGGGAAAGAGGAGGGAAAAGGAGCCCCCCGAGGAGAGGA CAGGGGGGGACAAGGGGGGGGGAAAGCCAGGGGGGGCAAGAGGGGGGAG AATAGGGAAGGGGATGGCCAAAAAAGAGACAGAGGGGAAAAGAAAAAAAC CAAAAGGAAAAGGGGGGAAGGGAAGAAAAGGGAGGGGGAACAAGGGAAAA

G G G G G G G A G G GAGAAGGAGAAAAGGGAAAACAAAGAAGGGGAGCAGGGA AGCGGAGGAAAGACGAGAGGGAGAGGACGGGAAAGGAAAAAAAAAGGCCA G G G G G GCCGAAGACGGAGGGGCCAGGAAGGACAGCGCAACGAAAAAAAGG G G G GAGACGGAGAAAGACAAGAGGAGCCAGAGAGACGGAAAGAAGGAAGG A G GAA $A$ AGGGGAGGCCGAAAAACAGAGGAAAGAGGGGGAGAGGGAGGGG AAGAAGGAAAGAAGAAAACGAAAAAAGAGAGGGAAGGAAGGAAAGCCAAG AAAGGGGAGAGCCAAAGAAGAAACACAGAGGGGAAAGCACACCAAAGAAG GGAGAGAGGAAAAGGGAAAAGGAGGAAACGAAAAAAAAAGAAAGGAGACG AAGGAAAGGGGGAAACCAGAGGGAAGAGGAGAGAGGAGGAAAGAGAAACG AAAGGAAAAGGCAAGAGGGGGAGGGAGAAGGAAGGGGGAAGAAAGGAGG AA G G G GAGGAGACCAAGAACGACCGAGGAAGGCCAAAGGGAAAGGGGGG GAAGGGGGGAAGGGGGGCCAAAAGGGGGAAAACGAAGAGAGAGGGCCGG AGAGGGAAGGAGAAAGAAAAGGGGACAAGGCACAGGGGAAGGAGCCAGAG GGCGAGGAAGCAGAGGGGAAAAAAAAAAAAGGGGGAGGGAGGAAACAGG GAAAGGGGAGAGGACAAGACCCCAAAAGAGGAGAGAGAAGGAGAAAAGGA AAAAAGGGGGGAAAAAACCAAGGAAGGAAAGAGGGCCCAAAAAAAGGGGA AGAAACCCCCAGGAGGGAAAGAAAAAGGGGGAACAAAGGAGAGGGAGAGA G GAA GCACCGGAAAAAACCGGGGGGGGAGAGGGAGAAGGGGAGAAAGAA GAGAAGGGGGAGACAGGGAGAAAAAGGGGAGAGGGGGGGGGGGGAGAAG G G G A G G G G GAAGAAGAGGAAGAAAAAAGGGGAACAAAAGGGGAGACCACG G G G GACACCAACAAGAGAAAGGAAAAAGGAAAAAAGGGGAAAAGGAAGGA GATATAACCGGGGCCGGGGAAGGCCAAGAAAACAGACGGGAGGGACCAAG GAAGGGGCCGAAAAACAAGAAACAGAAAAAGAACCGGCCAAAAAGGAGAA AACAAGGAGCAGGAAACGACCAAGGAAAAGGGGGGAAAAGGTTGGAACCA A G G GAGAGAAGCACCGGGGGAGGAAAACCGAGGGGGGAAGGGGGGAAGG AAAAAACCAAAAAAAAAAAAGGAAAAGGAAGGGGAAAACCGGAACCAAAA G G G GGGGGCCGGAAGGAAAACCAAAAGGAAAATTGGGGCCAAGGAAAAGG AACCGGAAGGGGGGAAAAAAAAAAAACCGGAAGGGGGGGGGGGGCCGGA ATTAAAAAAGGAACCGGAAAAAAGGAATTGGAAGGGGGGGGGGGGAAGGG GGGAAGGAACCAAGGAAAAGGCCAAGGAAAAAAGGGGGGGGGGGGAAAAA AGGCCTTGGAAAAAAGGGGAAAAGGGGGGGGAAAAGGCCAAGGAAGGGG CCGGGGAAAAGGGGCCAAAAGGAAAAAAAACCGGAAGGAAAAAACCAAAA AA GGCCCCAAAAAAGGAAAAAAAAGGAAAAGGGGGGAAAAGGGGGGAAGG AAAAGGGGTTCCGGAAAACCTTAAGGAAAACCAAGGAAGGGGAAGGAAAA CCAAAAGGAAGGAAAAGGAACCGGGGAACCGGGGGGGGAAAAGGGGGGG G G GCCAAGGAAAAAAAAAAAAGGGGCCGGGGAAAAAAGGGGGGAAAACCG G G G G G G G A A G G G GAAAAGGAAAAAAAAGGGGCCGGGGGGAAGGGGAAAA AAAAGGAACCGGCCAAGGCCGGCCGGGGCCGGGGAAGGGGCCGGCCAAAA AAAAAAAAGGGGCCAAGGCCAAGGGGCCGGGGAAGGGGGGGGAAAAAAAA AAGGAAGGCCGGAAAAAAAAAAAAAAAAAAGGGGAAAAGGCCAAAAAAAA GGAAAAGGAAAAAAAAAAGGCCGGAAGGAAGGAAAAAACCAAGGGGAAAA AAGGCCAAGGAAGGGGGGGGAAGGCCGGAAAAGGAAGGAAAAGGAAGGA ACCCCGGCCAAGGAAAAAAGGGGAAGGGGAAGGAAAAAAAAAACCCCAAA AAAAAGGGGAAAAAACCGGAAAAGGGGGGAAGGAACCAAGGGGGGCCAAA ACCAAGGCCGGGGGGAAAAGGAACCAAGGAAGGGGAAGGGGAAGGCCGG AA $\operatorname{A}$ GGGGGAAGGGGGGGGGGCCGGGGGGCCAAAAGGGGGGGGAAAAAAA AAAAATTAAGGGGAAGGCCAATTAAAAAAAACCAAAAAAAAAAAACCAACC AAAAGGGGGGAAGGAAAAGGAACCGGGGGGAATTGGAAAAGGCCCCCCAA AAAAAATTAAAAGGAATTAAAAAACCAAAAAAAAGGGGAAGGGGAAAAGG AAAACCGGGGAAAAGGGGGGAAGGAACCGGGGAAGGGGAAGGAAAACCG GAAAAGGGGAAGGGGGGCCGGAACCGGGGAAAACCAAAAGGAAAAGGAAA AGGAAAAAATTAAAAGGGGAAAAAAAACCCCGGGGCCGGAAAAAAAAAAC CCCAAAAGGCCGGGGAAGGAAAAAAAGAAAAAAGGAGAAGGAGGAGAGGC CCCGGCGAGGGGGACGGAAAGGGGGAAGGAAGGAAAACAGCAGGGAACCC CAAAGAAACGGAAGGAACCGGAAGGAAGGAAAAAAGAAGGGAGAGGGGGG AGGGGGAAACAAACCGAAAAAAGCAAAGGAATTGGGACAAAAGAGCCGGG GAGCCACAGGGAGGGAAGAAAGGAACAGGAAAGGAAGCAGGAAAAAGACA GGAAA G GAAAGGAGAAGAAGAGGGGGAGGGGCCGGAAAGGAGAAGGGAA GGAAGAGGCCCAGGAAAGAAGGGGAAGAGAAGAAGGAGGGCCAAAGGGG A G G G A G G GAGGGGGAGAAAAAAAAGGGAAAACCGGGGGGCCAGGGGGGG AA $\operatorname{A} A A A G G G G A A G G G G G A G G A C G G G G A A A A A A C C A A A G G A G G G A G G G A A$

GACAAGGAAAGGACCGAAAATGAGGGGAAAAAAAAAGACGGGGAAAAGGG GAACGCACCGGGGCCGGGGGGAAAGGAGAGGGACCGGGGAACAAAAGAAA AGAAACAGAAGGAAGGGCACAAAGGAAACAGAACCGGGGACAGGGCCAAA AGGGGACAAAGCCAGGAGGAACCAAGGAAACGGAAAGAGGGGGAAGAATC CAAGGGAGACAAAGAGAAAGGGGAAAAAACCAAGGGGAACAGACCGGGGG GAAGAGGGGGACCGACCGGGGGGGGGGGGGGAAAACCCCAAGGAAGGAA GGAAGGGGGGGGAAGGAAGGAAGGGGCCAAGGAAGGGGGGGGCCAAGGG GAAGGCCAAAACCAAAAAAGGGGCCAAGGGGGGGGCCGGAAAACCCCGGA ACCAAGGGAAAGGGGAAAAAAGGAAAAGGGGGGCCGGAAAAGGAAGAAGA CAGCCAGGAGGAGAGAAAGAAAAGAGGAAGAGAGGGGAAAAGGCAAGAGG GCAAAGACAGAGAGAAGGAAAAAAAAAGAAAGACAGAGGGGGGAAAAAGA GAGGAGGCAGAAGAGCGCAGGCCAGAAAGGAGGAGGGCCCCGGGAAAGG GGAACCGGAAAGCCAAGGAAACAAAGAAGGGGAAAAGGAGGGAGCAGAAG AAGACCAAGGGACCAGGAGGCCACGGAAACGAGGAAAAGGCCGGCCAAGG GAAGGGCCGGGGAAAGGGAACCAAAGAGAGAAAAAAGGAAGGGGGAGACA GGAAAAAAGGAAAAGGAAGGAAAAAGAAAAGGCCAAGGGGACGAGGCACA GGAAAACCCCATACCCCCAAGAGAAAGGAAGGAGGAGGGGACAAGGGGCA AGAAAAGGAGGAGCGAGGGGGGGAGGACAAGGAAAGCAAAGGAAGGGGC CAAAAAAAAGGAAAAAAGGAAAATTAAAGGGGGAAGAGAGGAAAAGGAAC AAAAAAAAAGGGGCCAAGAGGCACCGGGGCAAAGGAAAAGGGGAAGAGAA AGACAAGGAGAGGAGAGACGGGGGGAAGGGGACAGAGGAAGACAACAACG AACCAAAAGAGCAAGGGGGAAAAAAAGGAGGCCGGGGGGACCAGGGAGGA AGGGGAAGGGCGGGAAGGGGGGGAAAAAAGGAAAAGACCGAAAGGCCAG AAGGAGGGGGAAGGAGCAAGTTGGAAGAGGGAAAGGGAGAAGAGAACCA GAGAGGACAGGAGGAAACCAGAAAAGGGGACAGAGGAAAGACACAGGGGG GGAAGTTAAGGAGGAAAAACAAACCAGAGGAGAGAAGGAAAAGGAAGGGG AGGAAAAGGAACCAAGGGGAACCGGAACCGGAAGGAAAAGGAAGGGGGGG GAAGGAACCGGCCAAGGAAAAAAAAGGGGGGGGCCCCAAGGAAAAGGGGG GCCAAGGGGGGGGGGGGGGAAGGCCAAGGAACCAAGGGGAAGGAAAAAA GGGGAAAAAAAAGGGGAAGGCCGGGGGGGGAAAAAACCCCGGGGGGGGA AGGCCAAAAAAAACCAAGGTTGGGGAAAAGGGGAAAAGGAAAAGGAACCA AGGGGGGGGGGGGGGAAGGTTAACCGGGGGGAAAAAGGGACAGGGAGGA GGGGAAGGAGCCAAGAGAAGCGAGGGGAAGGGGGAGGGAAAAAAAAAAA GCAGGGGAAAGAAGGGGGGGGGGAAGGGGATACAGAGAAGGAAAGAAGA GGCAAGAGGGGGAGGAACGGCACCGGAAAAAAGGGAAAAGGAGGACCAGA GGGAACCCAAAATTACGACCGGGGAAAAAACCGGGGGGAAGGGGGGAAAA GGGGGGGGCCAAAAAAGGGAAAACGAAAAGGGCCAAAAAAAAAGAAAAAA AA G G G G G GGGAAGAAAACAGCCAAATGAAAGACAGCGAGAGGGGGGAAGG AAAAAAAAACAAACGAAGCCGGAAGACCGGAAAAACAAAAAGGGAGAACA CAAAGAAAAAAAAAAGAGAAAAAAGGAAGGAAAAGGCCAAGGGGACACAG GAAAGGGGGCAAGGGGAAAGAGAGAAGGGGGGCCGGGAAAAAGGGGGGA GAAGGAAAGGGCCAAAAGGAGAACCGAGGGGAAGGGGCCGGGGAAGGAA AAACGGAAGGAAAAGGGGAAGAGGAGAAGAGGCCAGGGGAAAAACCGGCA GAGGAGAAGAGGGGAGAATTCCGAAGAAAGGAATGAGAGGAACCACAGAA GAAGGAGAAGGGGGAAGGAGGAAGCAAAGGGAGGGGACAAGGAGCCAAA ACAAAAAGGGGAAAGCCAGAAGGCCGGGCGGGAAAGGAAAAAACCAAAGA AAAGAGAGGAACCGGCCGGCCCCCCCCCCGGAAGGCCGAGGGGGGAGAAA AACCCAAAAGGGGGGCCGAAACAGGGGAAGGAGGCAAGGAGTTAGGGGGC AAAAGGGGGAGAAGGCCGGAAAAAGGGGAGGCAGGGGGGAGACAGCCGG GAGAAAAGGAGGGGAGAATTGGGAGAGGAAGGAGGGCCAAAGGAGGCCA GAGAGGGAGGGGGCCCCAAGGAAGGAAGGCCGGCCGGAGACAGAACAGG GAAAAAGGGAGAACGAAGAAAAGGGGCCAGAGGGAGAGGGGGGGGGAGG AGGGAGCGGGGAAAAAGGGCCAGAAAAGGAAAAAGAAAAAAGGCCGGAGG GAAGAAGGGAAGGAAAGAGAGACGGAAGGACAAGGCCCCGGGGAAAAGGG GAAGGCAGAACGGGAGAGGCGCAAGACAGAAGGAAGGGGGACAAGAGGAA CGGGGCCAAAAGGGGAAGGAAGGGGAAAACCAAAGACACAAAAAAGGAAA AA GCCAAGGGGAAAACCGGAAAAGGGGGGGGCCGGAAAAAAGGAAGGGGC CGGAAGGGGAAAAGGAAAAGGAAAAAACCGAAGAGAAAAGAAGAGGGGAA GAAACGGAGGAAAAAAAGGAGAGAAGGAAAAGGAGACGAGGAAGGGGGAG AA GGGAGAAGGAGGGGGAGAAAGAGGGCCGAAAAAGGGGGGAGAGGGAG AGGAAGGGGGAAGGAAAAAAAGAGGGCACCAGAAGACGAAAAAACCTTAA

G G G GCCAAGGGGGGAAGGGGAAAAGGGGGGCCGGAAGGGGGGGGAAAAG GCCGGGGAAGGGGGGAAGGGGAAAAAAGGGGAAGGGGGGAAGGGGAAAA CCAAAACCGGGGCCGGAAAAGGAAAAAAAAAAAGAAAAGGTTAAGGAAAG AAAAAGAGACCCGGAGAGAAAAAGGGAGCAGGAGGGAGAGGGAAGGGGG GAAAAGGACAAGGGGGACGAAAAACAGACAAAAAGAGAGAAGGCCAAAAG AGGACAAAAAAGGAAAAGGCAAAAAAAAGAAGGGGTTAGGGGGAAAGGAA TAAACGGGGAAACGAGAAGGAAGGAGAAGCAGGGGGGAAGGGGGAAGCC CCAGAGCAGACACAGAGAAAGGACGGCAGACCAACCGGAAAAGGAATTAA GGCCAAGGACAGAGAGAAAAAGGGAGGGGAGGGGACAGCAGGGGGAAAA AGGAAAAAACAAGGACCGGAAGGAAAGAAGGGGAAAACCAGGGGAGGAGG G GAAGGGGGGAAGGAGAGAGAAACAACGAAAGGAGGAAGCAGAAGAAGAG AAAGAGGAGAAAAAGAGGGGAAAGGGAAAGGAGGGTTGAGGAGAGAGAA GGAAGGAAAAAAGGAGAAGAGGAGAAAAGGAAGACGCCAGAGAAAAGAGG CCCCGGAAGAAAAAAAGGAAAAAAAAGGGGAAGGAAGAGAAAGGGGGGGG AAAGGAACAGGGAACAGAGGGGAGAGGAAGAGAAGAGGGAAAGGCAGGG GCCTTATGGGGCCCCAAGGAGACGGGGAAAACCGGAGAACCAAGAGAGGG G G G ACGGGAGCGACCGGGAAGAAAAGAAAAAAAAAAGGGAACCAAACGAG G GAA GAAAGACAAGAGGGGGGAAAAAAGGCGAAGGGGGAAAGGGGGAAA CA $\operatorname{l}$ GGGACAGGGAAAAAAGGAGAAGGGGGGAAAAAAAAGGGGGGGGAAA AGGGGAAAACCCCAAGGGGAAAACCGGCCCAGGGAAAGAAAGAGAAACAA GAAGGGGGGAAAGAAAGGGAAGAACCCAAGGGGAAGGGAGGGGGGGGGG G GCCGGAAAGGGGGGGAAGGAGGGAAAAAAACGGAGGGGGGGGGAAGGG ACACAAATACCGGAAAAAAGGAACCATGGGGAAGAGGGGGAGGACAAAAA ACAGGCCGGACAGGGACAAACAACAAAAAGAGGAAGGGGAAAGGGGAGGA GAGAAATGGAACCAAAAAGACGGAAGAGGGGATGGACAAGGAAGAAAAAG GAATTACGAGAAAAGGAAGGGGGAAGCGAGGGCCCAAACGGGGGGAAGAG GAAAAAAAGAAAGGGGGGAAACCGGCCAGAAAAGAAAGGCAAAAAATAAA GGGAAAACCAACCAAGGCCAAAGGGGGAGAAGCACGGAAGAAGAAGAGGA CAGGGGGGGAGGGGGAGACGAAAGGGGGAAAAAAGGGGAGAAAGAAAAA GAAAGAGAAGAGACAGGGGGAAAACCGGAAGGGGGGAGAGGGCCAAAAAA AAGGCCAAGGGAGGAAAAAACCGGAAAAAAAAAGAAAAGGAAGGCCAGAG CCCCGAGGGAAGACCCAAAGGGAAGAGAGAAAGGAAAGAAAGAGAAGGAA AA $\operatorname{A} A \mathrm{G}$ GGAAAGGGAGAAAATAGCGAAAAGGGGAAGGGGGAGAAGGAGGA GACGGCCGGGGCAGGCAGGGAGAGAAAAGGGAAGGGAAAAAGGCCAAAAC CCCCCGGCCAAGGCCGAGGGAAGAAGACCAGGAGGAAAAAGAGGGAAAGA GGGAAGGAGGACCGGAAAAGGGGAAAGACAAGAAAGGGAGAAACAAGAGG G G G A G G A GAAGGGAAGAAGGGAGCCCAGGAAGGGAAAGGGGAAAAAAGG G G GAA G G A A A C GAGAGGGAGGGGAAGAGCAAGGAGGAAAAAAGGAAAAG GCCGGAAGGGGGGAACCGGGGGGCAGAGACCATGAGGAGAACCAAGGAA GAGGAGAGAAGGAAAAGGAAGGAAGGAAAGGGGAGAGGAAAAAGAGATGA G G ACAAGGAAAAAAGGGGCCAGAAGGGAAAAGGGGGGAAGAAAAGGAGAG GACCAGGGGAGAGAAGCAAAGAGAAAGGGGAAAAAAGGAGGGGAGGGAAA AGCCAGAAAAAAGGGAGAGGAAAAAGGGAAAGGACGACAGGGAGGGGAGA GAGGGGCCAAAAGGGGGAGAGGGGGGAAATCCGAGAGGAGGAAGAACGG GAGGGAAGGAGAGAAAGGAGGAAGGAAAGGGGAAGACGAGGAAAAAAAAA AAAGGCCGGAAAAAGGACAGAAAACGGGGGGAAGGGGAAGAGAAAAGGGA AGGAGAAAACCAAAGGAGGGAGGGGAGAGGGGGAAGGGGGAGAGGAAAA GGGGCCGGAAGGAAGGAAAGGAAGCAAAGGAAGGAAGGCCAGCCAAAGAA GACAGGAAAGGGAAAAAAGGAAACAGAAGCGGAAAGGGAAGAGAGGAAAA AA G GCCAAAAGGGAGGGGGGGGAAGGAACCATGAGGAAAAGACCAGGGG GAAGAGAACCCAAAGAGCAAGGACCAGCCAAAAGGAAGAAGAGAGGGGGG AAAGGCAAGGAAAGAGGAGAAAAAAGGGGCAAGGAGGGGGGGGGGAGGA CCCCGCACCCCAGAACGAAACGGAGAAAAGCCGGGGCCAAGGAAGGAGAG AGGGGAATAGAGAAGGAAAAGGGGGGGGACCCAGAAAGGGCCAGGGAACC GGGGAAAGCCGAGGAACCGGAAGAAGAAACGAGAAAACAGAGATAACCAA AA G GAAGGGGAGAGGACCGGAAGGAAGGGGAAGAAAGATTAAGGAGGGA AAAAAAAAAGGAAGGAACCAAAAAAAAGGAAGGAGAAAAGGAGCCAAGAC CAA GAACAAGGGGGGAAGGGGGAGGGGGAAGAGGAGAAGGAGGGAGACC AAGGAAAGGAAAAAGACAAAAGAGGGAGGGAAGGGAGAAGGGGGAAAGAG ACAACCGGAGCAAGAGAAAAAAGGAGAGGGGGGGAAGGCCGGAAGGGGAA AAAGAAGGAAAAACAGAGGGAGGGGGAGCCGGCCGGGGGGAGGACAGAG

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 G G G GAAAAGGAAAGGGGGAAAAGAGGGGGAGGCAAAAGAGGACCGGCCG GAAAAAACCCCGGGGGGTAGGAGAGGGAAAAGGGGGGGGAAGGGGAAAA AAAAGAGGAAAGAAGGGGGAGGAAGGAAAAGGCCAGAAGGGGAAGAGAAG GGGGAAACGGCAGGAAAAGGAGAGCCCGGAAAATGAGGAAAGAAGGGGG GAAGAAGAAGGGAAGAGACAGAAGGGGAAGGGGAAAGGAAAAGGGAGAG AA G G G GAAAAGGGGGAAAGGAAGGGGAGCCAAGGGAAAAGAGGAGCGGA GCAACGGAGGAGGCCAGCACCAAAAAAAAAAGGCCAAAAGGAAGGAAGGG GAAGGCCGGCCGGCCAAAGGGGGGGACAGGGGAAAAAAAAAAGAGAGAGG GAGGAGGAGAGGGGGGGAAGGGGGGGGGGAAGAAACCAAGGAAGGGGAA

AA G GAAAGAACCGGAGGGGGGGAAGGCAGGGGCCGGAACCGAGAGGCCA AGGGGAAGGAAAAGGAACCGGAACCAGAGTTAAAGACGGGGGAGGAAGGA CAAAAGGCCGGGGAACCAAAAGGGAGAGGAAAAAAAAGGGGGGGAGAAAC CAAGAGGAAAGGAGGAAAAAAAAGGACGGAGAGGAAGGGACAAACAACGG AAAAAAAGAGGGGGAAGAACCGGGGAAAAGAGGAGGAAGAGCCAGGGGAG G G G GACCCCGGGACCGAAAAGAATTAGGCGGGGGGAAGAAAGGAAGGAGA AGGACCAAAAAAAAAGGGGAAGAGAAGAACCGGGGCCAAGGGGAGAAAAT ACACCAAGGAAAGAAAAGGAAGGGGCAAGACGAAGAGGAAGGAAAAAAAC AAAACGGGAAAAAAGAACCGGGGAGGGAAGGAGGAACAAGGAGAGCCGGG GGAGGGAACAGGGGGGGACGAGACCAGGAGGGGAAAAGGCCGGGGAAGG AGAACGCCAACCAAAGAAGGGGAGAGACAACAGAGAAAGAGGAGAAGGAA G GCCTTAAAAAAGGAAGGGGGGAGGAAAAAGAGGAAAGGGGACCAGAGGA GGGGGGAAGGGACAAAAAGGGGGGGGGGGGAAAAGAGAGGAAAGGGAAA GGGGAAAAAAGACCCAAGGGGCCGAGAGAGGAGGGAAAAAAACGAGGGGA AAAAAGGGGGGAGAGCCAACCGGAAGGCCGGGGAAGGGGACCCAGAGAGA AACGGAGGAAGGGAAGGCCAAAAAAGGGGCCAGGAGGAACCGGGGGGCCA A G G G GAA $\operatorname{A}$ GGGGAGGAACAGGGAAGAGGAGGGAGGGAGAACGAAGAGAG GAAGGAAAAAGAGAGGGGAACCAAGGGGGGAAGGAGGGAAGAAGGAGGG AGAAAAAGAAAGAAGCCGACAAAGGGGAGGGCCAGAGGGGGAAGGGGAAC CAGAAAAAAGGGGGGACGGAAAAGAAGGGGGAAGGAAGAGAGGAAGAGA G G A A A A G G G G G G CCGGAA GAGGGGAAAAAAGGGGGGAGAAGGGGGGAAA
 AA G G G G GAAAAAGGAGAAGGAGGAAAAAGAGAGAACAGGAGGAAGAGGG GGAGAAGAAGAAAAAAGAGCCGGAAAGAAAAAAAAAGAAAAGGGGGAAAA AGGGGCCGGAGAAGAGGAGAGGGGAGGGAAAGGAGAAGGAAAAGGAAAA AA G G GAAAAAGGAAAAGGGGCCGGAAAGAAGAAAAGGGGGAAGGAAGGAA GGAAGGCAGGAGGAGGAAAAGAAAAAAAAAGGAAAGGAAGGGAAGGAAAA GGCAGGGAGGACCACAAGACAAGAAGGGCCAAGAGGAAAAGACCAGAAGG CAAGGGAGGAAAACAAGGGAAAGGAAAGGAAGGAAGGAGGAAAAAAAGGG AAAGAGGGGGGAAGGGAAGAAGGACCGGCCAAAAAAGAGGGAAGAAGGAA GGGGAACCAAGGGAGGGGGGGGCCGAAGAAGAAAGAGACCAAGGGGAGA CAGAACCGGGGACGACCGAAGAGGGAAAGGGGGGAGGAAGAGGAAGGCA AA $\ln$ A G G CAGGGGGGGGAAAAAAAAGAGGAAAAGGGAATGAGGAAGGAAAA AGAAGAGAGAAAACAAAACCGAGGAAGGGACCGGAGCCGAGAAAGGAAGG G GAGGGCAAAAGAGGGGGCCGACCAGAAACGGACGAGGCCGGAAAAGGAA A G G GAGAGTTGGGGCCGGGGGACCGACACCAGAAACAGAGGGCAGGAAG GAAGGAAGGAGACGAAGGGACGAAGCAAGAACCAGAGGAAGGACCGAGGG GGGGGAACCAAAAAACCAAGAGGCAGAAAGGGAAAGGACGGAAGGGAGAG GAAAAGGAGGGAAAAAAGGAAGGGGAGGGGGAAGGCAGAGGAGGGGAAG CCGGAAAACCAAGAAAAAGGAAGAGGAAAGGGAACAAGGAGAGGAAAGAG GGGGAAAAGGAAAGAGACGGAAAGGAAAGAAGGGGGAGCCGAGAAGACAA GGACAGAGGAGGACGAGGCCACGGGGAAGGGGAAAAAGGAGGAACCGGC CGAAAAGGGGAGGAGAAAAAAGGAACCCAAACAAGGGAGAGAGGGGGGGG GAAGGAGGACCCAAAGAAAGGGGAAACAAGAGGAGGGAGACGAAGAAAAG GAAAAAAAAAGGGGGCCAAAAAAAAGGAAAGGGGAAGAAGAAAGGAGAGG GGAAAAAAAAAAAGGAGCACCAGGAAGGGAGAACCAGGAAAAGACAAGGA AAAGAGGCCACGAGGAGACAGGAAGGGCCGGAAAGGGGGAGACAAGGAGA GAGGGGGAAGAAGAGAAGGGGGGAAAAGGAAGGCCAAGGGGGGGGGGAA G G G G A A G G A A G G G G G G G G G G CAACGAGGAA GATAGGGGTAAGGGCAGGG
 GGCACAGACAAACCCCAAAAGGAAACGGAAAAAGCCGGGGAAAAGGAAGG AAACAAAAGAAAGAAAGGCCGAGAAAGGGGAAGAAGAACCAACCAAACAA G G G AAA G G G G G GAAGGGAGGCAGGAGGGGGGGAAAAGACCGACACACCA A G G G GAGAGGAGGAACCGGAAGGAGCAAAGGGAGAGGAAGGAAAAAAAAG GAAAAAAAAGGGGCCGGGGCCGGAAAGGGAGAGAAAGCCGGGGAGAGAG AAGAGAAAAAGGCAGAAAGGGGGAAACAAAAAAAACACGAAAAAGGGACA GGAAAGAAGACAAAGGAAGGGAAGAACAGGGAGAAAAAAAGGACAGAGGG TTGGCAAAGGGGAAAAAGAAGGGGGAGGGGGGAACAAGCCGGGGAAGGA AAAAAGGGGGGAGAAAAAAGGGAACCAAGGGAACCCCAAAGAAACAGAAA A A G G G G A G G G A G G G GAGGGGGGGAGAGGGAGAGGGAAGGAACAGGGGGG GGAAAGAAGGGGAATTAAGGAGAAGACCAAGCAAAGAAAAGAAGGACCGG

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AAGCCCCAGGAAGGGGGAGAACCGGAAAAGAAAAGAGGGCAAAACGGGGG GAGAGCAGGACGAGGAAGGGGAAGAAAGGGAAAGGAAAACCGGGGAAAAG AGACCGAAAGACCAGAGGGCCACAAAAGGCCAAGAGGAAGGAAGAGACCG GCCGGGGGAACCAAAAAAGAACCAAAAGGGAGGAAGGAAGAAGAAAAACG AAGGGAAGGAAAAGGAAACGGGGAACCGAGACCAAGGAACAGAGACCCCG GCCGAGGGGGGAGGAGAAAAAAAAAGGAAAGGGACGGGAAAGGAAGAGG GAGGGGAAAGGGCCAACCCCGGCAGGAGGAAAAGGAAGGAGAAGAAAGGG AAAAGAGAGGAAGGAAAACCGGCAGGAGGAGAGGCCGGGAGGAACCGGAA AAAAAAGGAGGGAAGGGGGGAGCCAGGGACGGAAAGAAGGGGCAAAAGAA GGGGCCAAGGAAAAAACCCAGGGGACGAGGGGGGGAAAAAAAACAGAGGA ACAGGGAGAGCGGGAGAAAAAAGGAAAGGAAGCGTTGGTTAAAGGAAAAA AACACCAGGAGGGGAAGAAGCAGAGAAAGGAAGGACAAGGAAAAAAGGGG GGGGAAAGGAGGAAAGGGCCCAAGGGAGAGCCGGGGGGAAAGAAAAAGA ATTAAAAAGCAAAAGAGAGGGAGGGAGAGAGAAAAGGGGAAGGCCGAAAA AGAAAAAGGGGCCGGGGAAAAGGAACAGGAATAGAAGGAGAAGACAGCAA A GAGGGAGGGGGAAGCCGGGGAAGAAGAGGGAAGGAAAGGGGGGGAACC AAGGGGAGAGAGCCAAAAGGAAAGAGAAAAAACCAAAAAAAGGAAACCAG GGGAAGGGAAGAGAGAAAAAAAAAAACCGAAAGGGGAGGGGAGGAAGGGA GGGGAAAAAAGGGGGACCGGGGAAGGGGGGCCCCAGGGGGAAGGGGGAA
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G G G G G A G G G A G G G A A G G G G ACGGACGGCAACGGGGGGCCAAAGAGGGAA AAAGCAGGAAGGAAGGAGAAAAGGCCGGCCAAGGCCAAAAGGGAGGGGGA G GAGAAAAAGAGAGCGAGGGAAGGGGCGCCGAGGGGAACCATCAGAATAG AAATAAGAGGGAAACAGGAAGGGGAGAAGGAAAAGGGGAAGGGACAAGAA G GCCGGGGGGGAAAGGGGAGGGGGCCAGGAGGAAAAGGAAGGAGGAACA AAGCAAGAGAAACGAGGGAAGCCGGAAAAGAGGAAAAGGCCAAAAAAGAA AAAGAAGAGGGAACAGGAAAAAAGGGGGGGGAGCCAGAGACAAAGGGGG GAGAAAGGAGGGGACAGAGGGGAGGAGAAGAAAAGAAGAGAAGGACAGCC GGAGAAAGAGCCAGAGGAGGAAAGGAGGAAGGAGGGCCGAAGAGAGGGA AAGGAAAGAGAAGAAAAGGCCTTACACGAGAAGAAGGGGGAACAAAAGGA TAAGGGGAAAGAGAAGAAAAGGAGAGAAGAAAGCAGAGGAGGACAGGAAA AAAAAGGAAAGAAGGAGCCGGGACCGGAGGAAAAAGACCAAGACCCCAAG AAAAAAAAAAAGGAAGGAGAGAGGGGGGGAGAAGGAGGGAGAGCCGGGG GGGAAGAGCGAAGGAAAAAAAGAAAAGAGGAAAAAAGGGGAAAAAAGGGA CAAGAAAAAGAGAAAGAGGAGGAAAAAAGAAAAAGGCGGCAAGGAAGAGG GACAAAAGAAAAGGGGGGGAAACAGAGAAGGGAAGGAACCAGGGGGGAAC GGGGAACCGGGGTTAAAGAAGGGAAAGGGGGGAAAGGGGGGAGGAGAGG AAGGGAAGACCAAGGGAACCACAAGAACCCCGACCAGAAAGAGGGGAGGG G G G A GAA G GAA GAGAAAGGAGGAAGGAAGAAAGGGCCGGGGGAAGGGAA AA $\operatorname{l}$ GGGGGGAAAACGGAGGGAAGGGACAGGAAAGGAAAAGAGCAGAAGA GAAGGGGGGAAAGACAAAACCAAAAGGGACAAAACAAGGGAGGGGGGAGG GAGGGGGCCAAGGAAGCCAAAGGGAAGGGAAAAAAAGTAGGGAGGGGAA G GAAGGCCAAGGCCCCGGGGAGGGAAAAAGGAAAGAGGCACCAAAAAAAG AGCAGAGAGGGGGGAGGGAAGGGGAAAAAAGGCCCCAGAGAAGAGGAGA A G G G GAGGGGGCCAGAAGAAGAGAGAGAAAGAGAAACTTAGAACCGGAAC CAAAAGAAAAGAAGAAAGGAAAGAAGAGGAGGAGAGGGGAAAGAAAAAGG GCCGGGGAAGGCCGACCAGGGGGAGGGGAAGGAAGAGCCAAGAAAGGCA G G G GAACGGGGGAGAGAGAGTTAAAAGAGGGGAAGGAAAACCAAAAAAAA G GAAGGAAAAAAGAGGACGCGCGGAAAGGACAAGAAGGCAGGGGAAATAG AGAACCGGGAAACCCCAAGGGGAAAAAAGAGGAAAACACAAGGAAAAAGG AAGGGAGATAAAAAAAGGCCAACCGGAACCAACCAAAAAACCAAGGAGCC G G G G G G G GAAAGAAAAGGGAGGAAAACCAAAAAAAGAGCACCCCAGACCC ACGGCAAGGAAAGAGGTTAAGGAGACAGCAGAAAGGGAGACAAGAGGACA AAAAGGAAGGGGGGTTGGAAAAAGACAAGGGGAAAAGGAAGAAGGAGGGA AAAAAGGAGGGGAGCCGGAGGAAAGGGGGGAACAAAAAGAGGAGGGAAG AACCCGGAAGGCCAAAAAAGAAGGGAAAGAAGAAAAAAAGGGAAAAAAAG GGGGAAAAAAAGGAAGAAAGGGGAAGAAAGGGGGGGGAAGGAAGGAAGA G G G G G GAA G G CCAGAAGGGGCCACGGAGGAGGAAAACAAAGGAGCCGAG GAGGGAGATGGACGGAGGAAGAAAGAAAAAAGGGGAAAAAAGACAAAAAA CAAGGAAGGGGCCGGAAGGACGGAAAAGGGGCAAAAGAAGGCCAAGGAAG GAACCAAAGAACAGAAAGGCAGGGGAAAGAACCAGGGGGGGAAAAGGGGA AAAAGCCGAAGACGAAAAAAAGGGACCTTGGGGCCAAGGGGAGAAGGGGG GGAAGAAAAGGGGCCGGGGAGGGGGGAAAGGTAAGAAAAAAGGGGAAAA GGAGAAAAGAGAAAAGAAAGAGGGAGGACAGAAGGAAGAAGGAAGGGGG GGGGGGGAAGGAAGGCCAGGGCAGGGGGAAAGGGGCCAACAAGACAGAA GGAAAAGGAAAAAGGGTTAAGGACGAGAGAAAAAAGACAAGGGAACAAAG AAAAGGGGGGCCGAAGCCTTACAGGGAGGGAACAGACGACGGGGAAAAGG GAAGAAAAAGAAGGGGAAGGGGAAGGGGAAGGAACCAGAAAACCGAAAGG GAGGGAAGGGGGCCAAGGGAGGGGAAGGGGAAGGGGGGCAAAGGAGGGG ACAGAAGCGGGAGAAGACAGAAGGACAACGAAGAAGGGGAAAAAACCACG
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G G A A G G A A G G A GAGGAGGGACCAAAAACGGGGGGGAGAAGGGGAAAGGG A GAGGAGCAGAGAGGGGGGGGCCGAGGAAGGGGGGAAAAGGGGGGAAGG AAAAGGAAAAAAAAGGGGAAAAAAAAGACCCCAAGGGGAAGGAGAGCAAA AGCCGAGGGGAAGGGGCAAAAAGGAGGGAAGGAGAGAAAAGGGAAACCGA AAAAAAGAGGCCAGGAAAAGGGCCGGAGAAAAAGAAGGGAAACCAGGGAG GAGGAAGGAGCCGAAAGGCCGAGAAGGGGAGAGAGAGGCCGGAGCGAAG
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 GCCGAGGGGGGAGCAAGACAGCCGGGAAGGGGAAAAAGGGGGGGGAAAG AAAAGGAAAAGGAGGGAAAAAATTGAAAAAGGGGAATTAAAAGGAAAAGG G GAACCGGGGGGTTACGGCAAAAAAAGAGAGGGGAAGGAAAAAAGGGGAA AAAAAAAAAAAGGGAAGGGGGGCCAGAGAGAAAGGGGGGGGGAAGAGACC GAAAGGGGAAAGGCAGAAAGGGAAGGGGAAGGAGAAAAAAGGTTAAAGAG GGAAGGGAGGACGAAGCCCCAGAGAAAAAGAGGAGGGACCGGAAGGAGCC AAGGAACCGGGGAGGGAAGGCCGGAGAGGGGAAAAGGGCCGCGGAGCCA A G G G G G G G G G G A G CAAGGGCCCCCAGGGAGGGACCAGGGAGAAGGAAGG G GCAGGGAAGGGGAAAAAGGAAGGAACCGACCGGAGAGGGAAAAGGCACA AAAACCCCAGGAAAGAGAGGGGGGAAAAAAGGAAGGAAAAAAGGGGAAAA AAAAGGAAAAAAGGGGGGAAGAGGAGGGGGGGGGCCGAAGAGGGGGAAG G G GA $\ln A \operatorname{GAGGGAGGCGGGGAAGGCCGGCCAAAAGGAAAAAGGAAAGGAA}$ G GAGAGAGACGAAGGGGGCCGGAGGGACAGGAGAGGAAGAGGCCAGGAG ACCGGAGCCGGAAGGAAGGAGGAAAAAAAAGGGGAACAAAAAAAAAACCA AA GCCGGCCAAAAGGAGGAAAGAAAAGCCGGAGAAAAAAAGGGCGGGAAC CAAAAAAGAGGGAAAGGAGCCTAAAAAAAGGGGGGGGAAAAAACAAGGGA AGGAAGAAACAGACCGAGAGGGGAAGGAAAAGACACCCCGAAGGGGGAGA AACGGAAAGAAGGGGAAAACCGGGGAGGAAAAAGGGGGGGGGAAAAAGG CGAAGGAACGCCAAGGGGGGGGAAAAAGAGGAAGGAAAGATTGGAGAGAA AAGAAAGGAGAAGGGGGGAACCAAAACCGAGAAAAAAAACCCAGCCCAAG AA G GAA G G G GAAAAGGAAGGGGGGGGAAAAGAACAGAAAGGAAGAGGAAA GGAAAAGGGAAGAAAAGAAGACAACGGGGGAGAAAACAGGAGAAGAAACA AGGGAAAAGAAAAAATTACCAACCGGCCAAGGGGGGAACCGGAAAAAAAA AGGGAACGGGAGGAAGGGAAACTTAAGGAAGGAAGGGGGGAAGGAAAAG GAGCAGACCGAAGGAGGGGGGACGGAAGAAGGGAGCCGGAAGGGAAGGG AAAAAAGGAAAAAGGAAGGGCAGGAAGGAGGAGGAAGGGGAAGGGGGAA AAAGGGAAAGAAAAGGGGGGAGGGAAGAAGAGAAGGGAACCAACCGAAGA ACCGAGGGGAAGGGGAGGGAAAAAAAAAAGGGAAAAGGGGAAGAGGGCCA A G G CCGGAAAGGACAGGAGAAGAAAAAAACCGGAATAAAGGGAAAAAGGA A G GAGAGAGAAAAGGGGGGGGGGAAAAAAAAGGGGAAAAGGCCAAGGCCA GCCAAGGCCCCAGAAAGGAGGAAGGGGAAGGGAGGAAAGACAGGGAGGG G GAA $\operatorname{G} \operatorname{GGGGGTTAGGGGAGAAGAGCAAACCAAAAAGAGAAAACCGGAGGG}$ GGAAGAAAACAAAAGGAGAAGGAGAGGGGGGAGGAGCAGAGGGGAAAAA GAACACCAGGGAAAAAAAAGGGGGCGGGGAAAAGGAAAGCCAAGAAAGAA AGAAGAGGGCCAAGACAGAAACCCAAGGAAAGAGGGGGGAGGGGGAAAAA CGCGGGGAAGGAGAAGAAAGGGGGACCGGGAAACGAAGGGGAGGAAGGG AAAAAAAAAGAAAAGGCCAAGGAAAAGGGGGGGGGGAAAAGGAAGGAAAA CCAAGGGGAAAAAAAACCAAGGGGAAAAAAAAGGCCCCTTAAGGAACCAA

G G AA G GAAAAGGAAAAAAGGGGAAAAAAAAGGAAAAAAAAAAAAGGGGGG GGAAAAAAAAGGAAGGAAAAGGAATTCCCCGGGGAAAACCCCGGCCGGGG G GAACCGGAAAAAAGGGGAAGGAAGGGGGGCCCCGGAAAAGGAAAAAAAA G G G G G G A A G G G GAA G G G GAAAAAA G G G G G GAAAA G G G G G GAA G G G GCCA A G G G G G G G GCCAAGGAAGGAAGGAAGGGGAAGGAAGGAACCGGAAGGAA GGAAAACCAAGGAAGGAAGGGGCCAACCAAGGGGGGGGAAGGAAGGAAAA AAGGGGCCAAAAAAGGGGAACCGGGGGGAAGGTTAACCAAAAAAGGAAAA G GCCAAAAGGCCAGAAAGAGCCGGGGGAGAAGCCCAGAAGAAAGAACCGG ACGAAAGGCCAACCGGGGAAAGAGCCAAGGGGGGGGGGGACCGGGGGGA A G G G GAAAAGGGGAAGGAAAACCGGAGCAGGGGGGGAAACGCAGGAGAG AA G GCCAAGGAAAAAAGGAAGGAGAGGGGGGGAAGGGGGGGGGGAGAAT TAAGGAACCGGGAAGACAGAGACAGGAGGAAAGAGAGGAGAAGACGGGAA AGGCCGGAAAGAAAAGACCAAAGAACCAAAAGGAGAGGGAAGGGGGGGGC CGGCAGGAAGGGGGGAAAAAACCGGAAAAAAAACCAAGGGGAGGGCCAAA GAGAGGAGGGGGGAAAAAAAGGGGACGGGGAAGGGAGGGGGAGGGAAAG GAGGAAGGGGAAGGGGAAAGAGGGAACAGGCGGACAAAAGGAAGAAGAG GCACGAGAATTCCAAGAGGAGAAAAAGAGGGAGGAGAGGAGGGGAAAGGA GCCCAGACAGGGGAAGGAAGCAAGGAAAGAGAGGAGGAAGGGGGGGGCA AA GAAAAGGAGAGGAAAAGGGGGGAAGAAAAGACAAGAAGCATTACGGGG AAAAAAGGGGAAAAGGAAAAGGCCAAAAGGAAAAAAAAAAGGAACCAAGG AA G GAAGGAAGGGGAAGGAAGGGGGGGAAAAAAAAGGGAAAGGGGAGAA AAAAGGGGGAGGAAAAAGGACGAAGGGGATAAAGGAAGAGAAGACGGAGG ACGAAAGGAGAGGGGAAGGGGAAAGGGCGGAGGGGGGGGAAGAGGGAAA AA G G AA G GCCGAAGAAGGCCAACCGGGGAGGGGAGGAGAAGGGGAAAAAA AA $\operatorname{l}$ GGGAAGAAGAGAGGAGGGGGGGGGGACAGGGAAGAAGGGAGGGCAC C G G G G G G G GAA G GAAAAAAGGCAAACCGGGAAACCAGAGGCGGGGAAGA GGGGGAAGGAGGGGGAAAGGCCCCCCGGGGGGAAAAAAAAGGGGAACCA GGACGAAAGGAGAGGAAAAGGCCAACAGGGGCAAAAAGGGGAAGGGGAAA CAGAAAGGGAGGGGGCCGACAGAAGGAAGCCAAAAAAAAGGGGGAAGAGC C G G G GAA G G G G G G G GAGGGAGAGGGAAGGGGGGGGCCGGGGAAGGGGG GGGGGGGAGGAAAGGAGAGGAGGAAAGGAAAAGATAAAAAGGGAGGGGA AAAAAGGGAGGGGAGGACAACCCCAAGAAGGGGGAACCGGGGAGGAGAG GGGAACCAGGGAAAGAAGAGAGGAAAGGGGACCGGAACCGGGGGAGGAA G GAA G GAACCAGACAGGGGGAAAAAAAAAAGGCCAGGAAGGGGAAAGAGG GGAACCAAAAAGACAAAAAAGAAAGGAAAACCAAAAAACAGGAGGGGGGA AAAAAGAAAGAGGGGGAAGGGGGAAAGGAAGGGGAAGGGGAAAAAAAGAA AAACAGCAAAGGGGGAGAACAGAAGAAAAAAAGGGAAGCCAGGGAGAGAG AAAAGAGGAAAAGGAAAAAAAAAACCGGGGGGGGGGGGACAAGGCCACAA A G G GAA GAAAAGAAGGAAAGGAGGGGAGAGAGGAGGCAAAAGAAAACATT GAAGAGAAGGTTAAGGGGCCAGGGGGGCGGGAAAAGAGGAAGGGGGGGG AGAGAAGGAAAGGGGAACCGGGGGGAAGGAAAAGGAAAAGGGAGGAAGG GAAGAAGGAAAACCAAACGGAACCAAGGGGGGGGGGCCAAAAAAAAAAGG GGCCGGGGGGAAGGAAGGAAAAGGAAGGAAGGGGGGGGGGAAGGTTCCG G G G G GAGGGGGAAAAAAGAAAGGGGGGGAAGAGAGGAGGAAGGCCGGAC AAAGGAAAAAGGAAGGAGCATAGGGGAAGAGAAAAAAGAGAGGAAAGACC AGAAAGAAAAAAGGGGAGAACAAAAAGGGAAAGGAAAAGGAACAAGGAGG AACACCGGGGAAAACAGAGAAGAAGCGGAAAAGAAAAAAGAGAGAGAAGA TAGGCCAAGGAAGGGGGAAGAGGAGGAAGGCCACAATTAGGAGGAAAGGG GAAAGAGACAGGAACCGGGAGAAGAATAGGCCAAGGAAAAAAACCCAAAA AA $\operatorname{G} \operatorname{GGGGGGGAA} \operatorname{GGGGGAAAGAAGGGGAAAAGAAGGGAAAGAAAACCGGG}$ G G G A G G G G G GAAAAGGACAAAGGGGCCAAGAGGGAAGGGAAGGAAAAGG AGGAAAGGGGACAAAAGGAGGAGAAAAGGAAGAAGAAGGAGGCCAAGGCG CCAGGGAACCGGCCAAAAGGGGGGGGAAAAGGAGAGCCAGCCAGGGAGGA A G A G G G GAGGGGAAAAAAAAGGGGGAAAAAGGAGAGCCAAGGGGAAGGA AGGACAAGAAGCAGGAAAAAAAAGGAAGGAAGAGGGGAAAAAAAAAAGGA A GAACATACAGGGGGAAGAGGGGAAAAAAGAGAGAGACAGGAACCAACAA A G G GAAA $\operatorname{A}$ GAAAGGGAAGGGGGAGGGGCCGGGGGGGGAAAACCGGGAGG CCCAAAAGGGAAAGGAAAGGAAGAGAAAGACCAGGGAAAAGACAGAAGAG GAAACCGGGGAACCAAAAAAGGAAAAGGGGCCGGAGAAAAGGGAAAAGAA GGAAGGGGAGAGGGGAAAGAAAGAGGCCGGAAAGGGAGGGAAAACCGGA GGGAAAAAGAGGGAAGGGGGGGGAAGGGGAGGGGAAAAATTACAGAAAA

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AA $\operatorname{A} G \mathrm{GGGGAGGAAGGAGAGAACCAAGGGGGGCCGGAGGGGAAAGGGGCC}$ AGAGCCAGGAACCCAAAAGGGGGGGGAAAAGGGGAAAAGGAAAAGGGGAA AGAGAGAAAAGAGGGACATTCCAGGAAAGGCCGGCCAAAAAAAAGGGGGG AA $\operatorname{A}$ GGGAGGGGGGCGGAGGGTAGGAAAAGGAACCAAGGAGGGGAAAGAG GAAGGAAGAGGAAGGGGAAAAGGAACCGAGGAACCAAACAGAGAACCGGG G G G G G A G C CAAAA $\operatorname{A}$ G G G G G G G G GAGGGCCGAAGAGAAAAAAGGACGACC AGAGGAGAGAGAGAGAGAAAGGCCAGGGGGCCAGGAGACAAAGGAATTAA AAAAGGAAAAGGAAGGGGGGGGGGGGGGAAAAAACCGGGGAAAAAAGGG GAAGGGGGGAAGGGGAAGGCCGGTTAAGGGGAAAACCGGAAAAGGGGGG AA G GAAAAGGAAGGAAGGAAAAAACCAAAAGGGGAAGGGGAAGGCCAAGG AAAAGGCCAAAAGGGGAAAAGGAAGGGGGGCCAAGGCCGGGGAAGGGGA AAAGGAAAAAAGGAAAACCGGGGGGGGGGAAAAAAGGAAAACCGGGGGGG GAAGGCCAAAACCCCAAGGGGGGAAAACCGGGGGGAAGGAAGGGGAAGGA AAACCGGAATTAAGGGGAAGGCCGGAAGGGGAAAAAAGGAAGGAAAAAAG GGGCCGGAAAAAACCAAGGAACCCCAAGGCCGGAAAAGGAAAAGGGGAAA AAAGGGGAAAAGGGGAAAAAAGGAAGGGGAAGGGGGGAAGGAAAAGGGG AAAAAAGGAAAAAAAAAAGGCCAACCAAGGAAAAAAAAGGGGGGAAAAAA AAAAGGCCCCGGAAAAAAGGGGCCAAGGAAGGGGCCAAAAGGAAAAGGAA G GAAAAGGGGAAAAGGCCAAAAAAAACCTTGGAAAAAAAAAAGGGGGGGG
 G G G G G A A A A A A G G G GTTAAAAAA G GAAGGGGGGGGAATTCCAACCAAGGG G G G G G G G A A G G A A G G AAAAAAAAAA G GAAAAGGGGAAAAAAGAGGGGAAC CAAAAAAGAAAAAGGAAGGGAAACCAAAAAAAACAAAGGAAGGAACCAAG GGGAAGGAAAACCAAACGGACGAAAGGCAAAAAAAGAAGAAGGGGAAAGC AACGAGACAAGAGGAGAGGAGCCGGCCAGGGGGAAAAAAGGGAGGAGAGA AGGGAGGCCAAGGAAAAAAGAAAGGAAGGGACCGGAGAACCGAGAGGAAG GGGAACCGGGAGAAAGGGGGGAAGGGAGAGAGGGAGGAAGGAAGGGACA AAAAGAGGCAGGAACCCCAAGAGGAAAGAGGAGGAGGGGGCAGAGGAAAA GGCCGGGGAAGGAAAAAAAAAAGGAAAAAAAAGGAAGGAAGGGGGGAAAA GGAAAAGGAACCGGGGAACCGGAAAAGGCCAAAACCGGGGAAGGAAGGAA GGAACCGGAAGGGGGGAACCAAAAAAAACCGGAAGGGGCCGGGGGGAAG G G G G G A A G G T T G G G G G GAA $\operatorname{A}$ GGGGGGGGGGGGGAAGGGGCCGGAAGGGG AA $\operatorname{l}$ GGGGGGGAACCGGAAAAAAGGGGGGGGAAAAGGCCCCGGGGGGAAG G G A G G G A GAGGCCGGAGAAGAGAGAAGAGAGAGGGAGCCAAAACCAAGGA AGGGAGGAACCAACCGGGAAGCCGGATAGAAGAGGAGCAGGGGGGGGAC CCAGGAGAAAGGAAGGACGGAAAAGGGGGGGGGGAAGGGGCCGGAAAAA AGGAACCGGAAGGAGGGGGAGCCAAAAGGAAGGGGCCAACCCCGGAAGGG GGAAAAACCAAGGAAGGAAAGAGAAGACAAAAAAAGAGAAGAAGACAGAG G G G G G CCA GCAGGGGGGAAACAAGAGAAGGGGGAAAAAGAACCAAGGGG G GAGAAAAGAGGAGGGCAAGAAAAGGAAAGGGAAGGGGGGAAAAGAAAG G G A G GAACCAAGGAACAGGAAAGGGGGAAAAACAAACAAAAACAAGGGGG GGCGAAAGGAAAGAAAAAAGAGGACGGAAAGGGAGAGAAAACACCAAAAG GCCAGAAGAGGCAGAACAAAAGGCACAGGGGGGAGAAAGAAATGGAGAAA AAACCGGGAGGAACCGGGGGGCCAAAACCAAAAAGGGAAAAAAAGAAGGG AGCGGGGGGAACAGAAAGGGGAAGGGGGGGAGAAAAAGAGACCAAAGAAA CGACACCGGAAAAAACCGGAAAGGGAAGGAAGGAAAAGGGGAAAAAACAA A GAAGAAGGGAAGAAGGAGAAGGCGAAAGGGGGAAGGGGAGGAGAGGCC ACGAAACAGAAGGGGGGGGGGGGGATGAAAAAACGGGGGGAAACAGGGA ACCGGGGGGGGGGGGGGAAAAAAAGAACCGGACGGGGAGAGAAAGAAAG GAAAGACCAGACGAGGGGAACCGGAAAAGGAAGGAAGGAACCAGTAAGAA G GAAGGAAAAAAGGGAAAAAGGGAAAGGAAAGGGAGAAAAGAGAGGAAGG AAAAAGGGGGAAACAAAAAGAAAAAGGAAGAGGGGGACAGAAAGGAAGAA AAAACCAAGGAAAAAAGGAAAAAATAAACCCCAGAAGAGAAGGGAGGAGA CCAAAGAAGAAATAAAAAAAGGCCGGCCAAGGGGGGAAAAGGAAAACAGA GACAAGGAAGGGAAAAAAAAGGAAGGAAAAGGGAGGGGGGGGGGAAGGA AGCGGGGGAGAGGAGAAAAGGGGGAGGAAAAACGGCCAGACGACCAAGGA A G G G GAGGGAAAGAAAAGGGAGAGGGGAAGGCCGATTAAGGGAAAGGAG CCAAGGAAAAGAGGACGACCGGAGGGAACAGAGAAGAGGAAGGGGGAAAA AA $\operatorname{A}$ GGGGGGAGGGGGAAAAGGGGAGAAAAGGGAAAACCAATTGACCCGAT ACAAGGGGCCGGGACAGGAAGGGGAAAGACAAGAGGAAAAGGAGGGAACC AACCAGATCCGGAAGAAGCCCAAAAACCGGGGAGGAGGAGCCAAGAGGAG

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 AA G GAAGGCCAAGGGGGGAAGGAAAAAAGGAACCGGAAAAAAGGGGAAAA AA $\operatorname{l}$ GTTAAGGGGGGGGGGGGGGAAAACCAAAAAAGGAAAACCGGAAAAAA AACCAATTGGAACCAAGGGGAAGGGGAGGGAAAGAAGGAGAAAGACAAAA AA G GAAAGAGGGGGGAAAAAAAGGGGGGAACCGAAAAGAGGGGGGAGGG GAAGGAAGGGGCCAAAAGGAAGGAGAGACGGCAGAACGAGAAGAGGAGGA AAGGAGGAGGGGGACAAAACCGGGAAAACAAAAAACAACGGGGAGAAAGA GCAGAATGGAGGGGAAGACGGAAAGGACCAAGGAGAAGGGGCCAACCAAG GAGGAAAAAGGGAGGAACGGGGGAAGAACGGAAAGGAGAGGAACCAAACA GAAAAGAGGGGGGAAGAAAAAGGAAAAGGAAAGCCAGAACCAAGGAAGGG GACGAAAAGGAAAAAGGAAGAGAAGGAAAAGGGGAGGGGGGGGAAGAAG AA G GAAAAAGAGTAGGGGGAAGAAGGGGAAGAGAGGGAGGCCAAGGGGA AGGAAGGAAAAAGGAGGGAGGGGGGAAAAGGAAAGAAAAGGGAGGGGAA G G G A G G CA $\operatorname{l}$ GAGGGGGGGAAAGGGGCGAAGAGAGGGGAAGGGAAAAAAG G G G $\operatorname{GA} \mathrm{A}$ GGGGGAAGGCCGGCAGGGGGAAAGGGGAAGGGGAAAAGGTTAA GGCAGGGAAAAAGAGGGAGGGAAAGGGGAAAAGCAGAAGGAAGGAGAAG GACAGGGGGGGGGCCGGAGAGGGAGGGAGAGGGAAAAGGAAAAAAACCC AAA A A A A G G GGGTAAAAGGAGAGGAGCCAGGAGAGAGGAAAAAAGGAGGG AA $\operatorname{A} G \mathrm{G}$ GCCAGGGGGGGGGGGGAGAAAAACCAAGGGGACCAGGCCACGGA AA $A$ AGAGCAGGAGAGGGGGGGGGAGGGGGGGGAAGAAAGGAACAGAGGA GGGGGGAAAAGGAAGGAACCGGGGAAAAGAAGGGGGAAGGAAAAAAAAG

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AAGGGGCCGGAAAAGGGAGGCAAAAACCGGAAGGAAAAGGGGGGAGAGA GGGGGGGGAAGGGAAGGAGGAAGAAGAGGGAAAGGAGGGGGAAAAAGGA GCAACCAAAGAAGGAAAGGGAAGGGAGGAGAGGAGGAGATGAAGAAGGAA GGAAAAGGAGAAGACAGGGGAACCGGAGAGAAAAAACCCCAGACGGGGGA GAGGGGAGGGAACCAGAGAAGGGAAAAGGGGGGGAAGGAGAGGGAGAGG GAGGGAACCGGGAGGGGCCACAGAGGAGAACGGCCGAAAAGACGGAAGGA AGGGGGGGAAAGGAAAAGGGGGGGGAACCGGGGAAGAAAGGAGAAAGGG GGAGAAAAGAAGGAAAAAAAAAGAAGGGAGAAAAAAGAGGGGAGAGCCGA GAGGGGAAAAAAAAGGGGAAACGGGAAGCCCAGGAGGAGAAAGAACGGAA GGAGGGGGCCAAAACCGGAAAAAAAAGGGGGGAAGGAAAAGGGGGGAAAA GGAAGGGGAAAAAAGGCCTTGGAAAAGGAAAAGGAAAGGGAAAGGGAGAG GGAACCAAAGGGAAGGACCCGACCAAGGCCGGGGGGCAAGAAGGGGACAG GACAGAGAGAAAGGAGAACCAGGAAGGGGGGGGAGGAAAGAAGGAAGAAC AGGAACAGAAGGAAAAAAAAAAAGAGCAAGGGGGGAGGGGCCAAAAAAAA AAAAGGAAGGAAAGGAGGAGCCGGAGGAGAGAGAAAAAAAGGGAGGAAAG AAGGCCGGGGAAGACCAAGGGGGAACAAGGGGGGCCGGGAACGAAGAAG GGAGGGAGGGGGAAAGAAAGAAGGGAGGAGGCGAGGGAGGAAGGGAGAA AAAACAAGGAAAAACAGGAGAAGGAAAAAGAACCCCACAAGGGGCCGGAG CACAAGGACAAAGAGAGGAAGGAGAAGGAAAACGAAAGCAAGACAGGGGG AAAAGGGGGGCCAAAAAGGGAAAGAAAGCAGGCCAGGGGGGGGGGGCGG AAAACAAAAGGAAAAAAGAGGGAGAACAGAGAAAGCCAAAAAAGGAACCG GAAAAAGGCATCCGAGAAAAAGGGGGGCCAAGGAGAGGACGGGAAGGCCC CCCGGAAGGGGGACCGGGGAAGGGAGGACGAAGAAGAACGGAGGGGAAA AAAAGAAGGGGGCCTAAGAAAGAAAAGGAGGGAAGGAGAGGGAAGAAAGG GACCCCGCAGAAAGCCGGGAAAAGGGGGAGAAAAGAGGAGAGAAAAGGAA CCAAAAAAGACAAGGGAAGAGGAAAAAAAAATAGCCAGCCAAAAAGGAAA AAGGGGGGAAAAAAGGAGAGACAGGGGGGGAAGGCAGGAAAAAAGGAAA GGAACAAAAGGGGAGAGGAGGCAAAAAGGAAAAAAGGGGAGAACAGGGGG GAAACCCGACCGAAAAAAAGGCCGGGGAGAAACAGGAGAAAGGGAGAAAG GAAAAGGGGGGCCGGAAAAAAAAAAACAGGAGAGGCAAAAATTCCGGGGG GAAGGAAGGAAGGAAAAGGACAAGGAAAAGGGGGGGAGGAACCCCAAAAC AGAGGGGAAGCAAGAAGAACCGAGGAAGGGAGGAAGGGGGGAAAAAAGAA CGAGAGGAGAAGGGAGGGAAAAGGGAGCCGAGGAAAGCACAGGAAAGAAC CGGGGGGAGGGAAGGGGGGAAGGAAGGGCAAAGAAAAGGACCCAAGACA GAAGGAGGAACAAGACGGGGAAGAGGGAAGGCAGCCGGAACCCCAAAAGG GGAAAAGGGGGGAAGGTAGGAAGGAAGGGGGGAAGAGAGAGGGAGGACC CGGGGGGGGGGAGGAAAAACCAAAAGAGAGGAAAGAAAAGGGGGAGAAG GGGGGAAAAACAAGCAGGGGGGAAGGAGGGAAGGGGAGCAGGAAGGGAA GAGGGGGGGCCGAGGGGAAAACAAAGGAAGAAGAAGGGGGGGGAGACGA GGAAAGAAGGGAGAGGGAAAGGAAAGGAAAACACGAAGGAAAAAAGAGGA AGGAGAGAGGGGAGAGGACCACACGAAGACAGAAGGAAGGAAAACCCAAA AAGGAAAGGAGAGACAGGAAGGAGAGGGAGAACCAGCAGGAGGAAAACGG AAAAGAGGACGGCACCAAGGAAGCGGGAAGGGAAAAAAGGAGAACCGACA GGAGAATACCGAACGGCCAGAGAGGGAAAAAGCCGAAAAAAGACGAGGAA ACCCGGGGACAAGGAGGGAGAGCCAGGGAGAGAAAGAAAAAAGGAAGGGG AGAGAGACAAGGGGGGAGGGGGAAGAGACCGGTTGAAGGGAAAACAGGG GCCGGGGCCAGGGGGCAAGCAAGACAAAAGGGAAGACGGGAGGAAGGGG AAGGCACCAGAAAAGGCAAAGGCCAGACGGGGGAGGGGGGGGGGGGAAG GAAAGGGGGAACCCCGGGGAAAAGGGGCCAAGGAACCGGGGAAAAGGAAA AGGGGAACCGGAAGGAGGGGAGGGGGGAAGGAGGAAAGGACGGGGAGGG CCGGGGAAAGGGGGGGCCAGGAAAGGAGACAGAGAGGAAGAAAAAAAAGG AAGGGGGAAGGGAAGGGGAGGGGGAAGAAAAAAAAGGAAGCCCCCCGGG GACGAGGGGGAAGAGGAGGGGGAGGAGAAACGACAAAAAGGAAGGGGCA GGGAGGAGGGGGAAGGAAGGGGAAGGCCAAGAAAAAAAGGGGAAAAAAA GGGGGGGCAAAGGGGAAGAAGAAGGGAAGAAGGGGAGAGAAGGGGGGCA AA G GACAGGAAGCAAAAGGGGGGGAGCCGGGGAGGGAGGGGGAGGGAAG A G G G GAA GACAGGAAAAAGGGGAGGAAAAGGGGAAAAGGAAAAGGGAGG AA GCAGGGGAGGGAGGGGAAGGAAAAGAAGGGCCCCGGAAGGAGAGACG GCCAGAAAGAAGATTGGAAGGGGGGAAGAGGAAAACCGGAGACGAGAAGG AGAGCAAAAAAGGAAGGCAGAGAAGCCAGAGGGCCGGAAAAGGGGAAAGG AGGGGCAAAGAGCGGGGCCGGAGCGGGAGGAGAAACCAGAGAAAGGAGA

GGAAAAGGAAAAGACCAACAGGGGCCGGGGAAAAGAAACCAAGGGGGGGG ACAGCCAAAAAACACCGGGGGGGAGGGAAAAGAGAAGGACGAGACCAAGG AAAAAAGGGGAAAGAAAAGAGAAGGCACCCGACCAAGGCCGGGGGGAAGG GGAGCCAACCGAAGGAGGAAGGGAGCAGAAGGCAAAAAGGAGCCGAGGGA A GACAGGGCCGGGGAGGGGGGGGGGGAGACGGGAGGGACCAAAAACGGA
 GCGAAAACGAGGAAAACCCCGGGGGGGACCGGCAAGGAGGAGGGAAGGAA GGGAGGCCGAAAGGGGAGAAAAAAGGGCGGGGAAGGGAGAGAAGGGAAG GAAGGCCAAAGAGCCAAAGGGAGCAGGGAGAAAAGAAAAGAAAAAACAGA CAGAGAAAAAAGAAGGGGGGAGGGGTAAGGAGAGGGGGAGGAGAAAAGG AA G G G GCCAAAAGGAGGGGGGGGAACCAAAGGCAGGAAGGAAAACCAAGG GGGGCCGGGGAAGGGGGGAAAAGGCCGGAAGGAAAAAAGGGGGGAAGGG GCCGGAAGGAAAAAAAAAAGGGGAAAAAAAAAAGGAAAAGGGGAAAAGGA AAA $\operatorname{A}$ GGGGGGGGGGGGGGGGGAAGGGGGGGGAAAAGGAAGGGGGGGGG GGGAAAAAAAAGGAAGGGGAACCAAGGAAAAAAGGAAGGAAGGAAGGGGG GAAGGAAAAAAAAAACCAAGGAAGGGGGGCCGGGGGGCCAAAAAAAAAAA AAAGGAACCAAAAGGGGGGAAAAGGAAGGAAGGAAGGGGGGAAAAGGAAC CGGAAAAAAGGGGAAGGGGAAAAAAAAAAGGGGGGAAAAAAAAAAAAGGG GGGCCGGGGAAGGGGAAAAGGGGAAAAGGAACCGGGGAAGGGGCCGGGG AAAAAGGAGAGGCCGAAAAAGGAAAAAAGGGGAAGGGGAAGGAAAAAAAA AA G GAGGGGGAACCCAAGAAAAGGAAGGCCGGAAGAGAAGGAGAAAAAGA G GACAAGGCCGGGGGAAGAAAGAGACGGAAGGAGAAAAAAAAAGAGGGAA CCGGGGGAACAGGAACAGACAGACAAGAAGCAGAAAAAAAGGGGAAAAAA AAAAAAGGAACCGGGGCCAAGAAAAAAGCCGGAAGGAACCGGGGAAAAAG A GA G G GA G G AACGGGGGGAACCACCGGGAGAAAAGGGGAAAGGAGAGAG GACGAGACAGGAAGGAGAGAAGGGAAGAAAGAAAGGGAAAGAGAGAGAAA GCCCCGGGAAGAACCGAAGGAGGAAAGGGGGAGCCCAAAGGGGGAGAGAA ACCAAAAAAAAAAAGGGTTAGCGGAAGAAAAAAAGGGAAAGCAGGCCCCA ACAGGGGGGAACAGAGGAGAGGACAGAGACAGAGGCAAAGGGGGGAAGG GGAAAAGGGGGGAACCGGAAGGAAGGAAGGAAAAGGGAAGAGGGGGGGA AGGAAAAAAAAGAAAAGAAGAAAGGAAAGGAGGCCGGAAAAGGCCGGGGA AA G G G GAAAAAACGGAGGAAAAAAAAAAAGGAAGGAAGGAAAAGGGGGGG GAAGGGGGGGGAAAAAAAAGGAAGACCGAAGAGGGAAGGGAACAAACGAG GGGAGAGAGCAGGGGCCGGGGAAAAGGGAAAAGGGGAAGCCAAGGAAAC C G A G G G G GCCGGAAGAGAAGGACAACAGGAACACGGGAACCAAAGAGGAG AAAAAAAGGAGGAGAGGAGAGGAAAAGGAAGGGGGGGGAAGGGGGAGAA GCCGGAAGGAAAAAAGGGGGGAGGGAAAAGGGGAGGAGGAAGAAGAGGA AGAAGGGAAAAAGGGGGACCCCCCGACCAGGGGAAAAAGGCCAATTGGAG GAGGGAAAAAGAGAAGAGAGAAAAAGGAGGAAAAGGGGAAAAGGGGAAAA GGAAGGCCAAGGAAAAGGAAAAAAGGAAACAAGGAAGAGGCAGAAGAAAA AAAAAGGAGAAAAACCCCACGCCAAAGAGAAAGGAGGAAAGGAAGGAGAA AAAGAAGGAAGGGGAACCGGAAAGACGAAGGGAACCCCGGGGGGCAGAGG AGAGTTGGGAAAGGGGAAGGGGAACCAGGGAAGGAAAAGGAAAGCCGAAG AGAAAGGGGGGGAGCCCCGGCCAACCAAAAAAAAGGAAGGAAAAAGACGG GGAAGGAAAGAAGGGGAAAAAAGGGGAAAAAGGAAGAAAACCAAAAAAAA CCGGGGAGAGGGGGTAAGACAGAAAGGGAAAAAAGAAAGGAAAGGGGGCA AAAGGGGGAAGAGAGGGACCAAGGGGGGAAAAGGGAAGCCGGGAAAAAG AGGGAAAGCGCAAGGCAAAAGAGCAAAGGAAGAGAAAAGAGCAGGAACCC
 G G G G G G G G A A G G G G A A G G A A G G A G A A G GAGGGAGAACCGAGAGAGGGGA GAGGGGGGAAAAGGGGAAAGATAGATAAGGGAACCAGGGGGAGGGAACC ACAGAGGGAGAAGAGGAAGGAAGGAAAGAGGAGGACGGAAGGAGGGGAA AGGAGCCCAGAGGCCCCAACCAAACAAGGAAGGGAAAGAGAAAAGCGGGA AGAAAAAGGAAAAGGAACCGGCCAAAACCAAGACAAAAAAAGGCCGGAAA AA $\operatorname{GAGATAGAGGAGGGAAAAAAGGGGGGGAAAAAGGAGAACGAAGAGGAA}$ CAGGGAAAGAAGGGGCAAAGGGGGAACAAAAATCAAGGGAGCAAAAGAGC CGGGGGAAGAAGGCCAAGGCCGGGGGAAGAACCAAAAGGGAGGCCCCGGA AACAAAGAGAGGAAAGGGGGAAGGGCCAGACCACCAGGGACACCCAGGAG GAAAGAGAACCAAAGGAAAGGAAGAGAGAGGGGCCGGTTAGGGGAGGGG AGGGACAGAGGGATAGAAAAGAGGAGCAAAAACCAGAAGGGGGGAAAAAA G G G G G G A G T TA $\operatorname{l}$ GGAAAAAAGGGGGGGGGGGGGGAAAACAAGAAGGCCG

GGGAAAAAAAGTTGGAGAGCCAGCCGGCAAGGGGGAAAACCAAAAAAAAA AAA $\operatorname{A}$ GGGAGAAGGAGGGGAAGAGGAGAAAGGGGGAAAGGGGGGGGGGGG G GAAAAAAAAAGACAAAAGGAAGGAAGAAGGGAGAGGAAGGGAGACGGGG GAAAAAAAGGAAAAGAGAACAGGAAAGGAGAAAAGGAAGGGAAACCAAGG GAAGGGAAGCGGGGCCGGGGGGAAAAGGGAAAGGGAAAGGGGAGAGAAA ATTAAGGAAAAAATTAAGGAAGGGGAGGACAAAGGAAGGTTCCAGAAGAG G GACCGGAACCGGAGGACAGGAGAGGACCAGCAGGGAAGAAGGGAAGAAA AGGACGGAAGGAAGAGGAGCCGGAACGCAGGAAAAAAGAAGGGGGAAGGA GGAGAAAGAAATTGGAAAGACGAAGAGAAGGCCAGAAGAAAAAAAAAAGA GAGAGGGGGCCGGCGGCAGAAAGAGAAAAAGGGAGAGGGAAAAAAGGAAC CGGAGAGAAACGGGGAGGGGGGGGGGGCCGGGGAGAGCATTGGGACCGA AAAAGGGGAAAGAGAGAAAGCCCCAGAAAGGAGAAAGAAGGAGGGGGAGG CCAGAAGGAGGAGGGGCCAAGGCCGGCCCCGGGGGGGAGGGGAAGACCG GGGGAAGAGGGGAGGACAGGAGGAAGAGGAGAAGAACAACCTTCCAAAAG GAAGGCCAAGGAACGAGGAGGAAACGACCGGGGAAAGACCCCAAAGGAAA ACCGGGGGAGGGGGGCCAGACACAAAAACGGAAGGCCAAAAAAAGGAAGA GCGGGGACCAACCAAGGAAAAAAAAAAAAAAAACCAAGGAAAAAAAACCAA AAGGCCAAGGAAGGGGGGGGAAAAAACCGGCCGGAAGGAAGGAAAAAAAA CCAAGGGGGGGGGGAAGGAAGAAAAAAAAAGGGGGGAAGAAACCAAGGG GGGAAAAAAGGAAAAGGAACCGGGGAAAAAAGAGGAAAAGGAAGAAAAAA AAACCAAAAGAAATTCAGGGAAAAAAAGAAGGAGGGGGAAATAGGGGGAA A G G G GAAAAGGGGAAGACAAACCAAGGAAACCCGAAGGGAAAAGGGGCAT TAAAGGACAGAAGAGACCAAGGGGGAGAACCGGAAGGGGGGACGAAACAG GAGAAAAAGGGCCCGAAGGAGGAGAAAAGCCAAGGAAACAAAAACCCGAA G G G CAA $\operatorname{G}$ GGGAAAAAGGGGGAGGAAGAAAAAGGAACCGAAAAACCAAAGA GAGAGAACCGGGGGGCAGGGGAAAAGGGAGAAGGAGAACGACCAAAGGG G G G GAACCGGGGGGGGCCGGGGAAGGAAGGAAGGAAAACCGGAATTCCG GAAGGGGAAAAGGGGCCGGGGAAAAGGAACCAGGAAGGGAAAAAGAGAG GGAAAAGAAAGGAGACCCAAAGGGAAAAGGGGGGAACCAAAAAATTGGAA AAAAACAGACCAAAGGGAAAAAGAAAGAGGAAAAGACACCAGGGAGAGAG AGGGAACAGGAAGGGGGGCAGGAGAGAAAGAGGGAAGGAGAAGAACAAA G G G G G G A A A GAACGGCAGGAGGGCCGGGGAAGAAGGAGGGGGGGGAAAA
 A G G G G G G GAA $\operatorname{A} A A A G A A G G A A A C A A G A A A G G G A G G C A C C G G G G A A A G A A G$ A G G G G G G AAAACCAACCAAGGCCAAGGAAAAAGGAGGGGAGCCAAAAAAA AAGGAGGAAAAGGAAGAAAAACCAAGGATGGAAGGAAGGGGGGGGGGAAA AGGAAAAGGGGAAAAAAAAGGAAGGGGGGAACCGGCCGGGGAAAGAAAGA AAAAGAAAGAAAAGGACAGAGAGACGAAGAAGGCCAAAGAACCAGAGGGA GAGGAGAAAGAAAGGGGCCGAGAGGGACCAGAGGACAAGAAGGGGAAGG CCAGGGGACGGACCACAAGAAAAAAGGGCCGGAAGGAAGGGGACGGCCGG G G G G A A G A G A G G A G G G G G G G AA G GAAAAGGGGGGGGAGACCCGGAACCG GGAAAAAGGAAAACAGGACAGATGGACAGAAAAAAACAAACGGGAGGAAC CGGGGGGGGAAAAAAGGACGGAAAAGAGGGAAAGGAGCCGGAAGGGGGG AACAGGAGGACGAAGGCCGGAAGGAAAAGGGGAAAACCAAGGGGAAAAGG AAAAGAAGAAAAAAAAGGGGGGGGGAGAGGAGAAGGGGGAAAGGAGGAG AAAGGAGAAGAGGGAGGGGGAGGGGAAAAAAGGAAAGAAGGCCCCGAAG GAGGCCGAGAAAGAGGCCGAGAAAAAAAGAGGACGAGGCCGGGAGAAAGG CCAAGGCAACAGAGAGAAGGAAGGGGGGGAAGCCACGAGGGGGGGGGAG G G G G G AA G GAAGGCCGAAAAACAAAGAAGGGAGGGAAAACCAAACGGAAA AAAGAAAAAGGGAGGAAAAAAAGGGGGAACCAAAAGGAAGGAAAAGAAAC ACAGGGGAGACCCACGGGAAAGGGGAAGGAACAAGGGGGGGAAGGGGAA GGAAGGAAAGAAAAAAAAGAAAGGGAAGAACCGAGGAGGAAAGACCAGGG GAAAGGAGAGCCGAAAGGAAAAAAGGAAAAAAGGGGGGCCAGAAAGGGGG CCAACCAAGGCCAAGAGGGGAGGGAGAGAAAACCGGAACAAAGGAAGGAG AAAAGGGACCAAGGGAGGAAGAGGAGAACCGAAGAGAGGAAGAAAGACAA CСССAAGGGGGGGGGGAAGGAGGGAAAAGGCCGGAGGGGGGAACGGGGG AAAGAAAGAGAGAGAGAAGGAAAGGGGGGAACCAAACAGAAAAAGGGCAA GGGAAAAGAGGCCAACCGGAAAAGGAAAAAAAAAAAAAAGGGAAGAACCA AA $\operatorname{A} A A A G C G G A G G A A G G G G C C G G A A G G G G G G G G A A G G G G G G G G C A G G G A$ GAGACCCCGGCCAGGGGGCCGAGGCCAGTTGGAAGAGGAAGGGGAAAAAA CCAACGGGCAGGGGAAGGGGGGGGGGGGGAAAAACCAAAACCAGCCAAGG

ACGAGGAAGGAAAAAGAAAAGGAGAAGGGGAGAGCAGGAACCCCGGGGCC AA $\operatorname{l}$ GGGAGGGCCGGAAGGAAGGAAAAGGACGGAAGGCCAAAGAGAAGGCC AGGGGAGAAAAACAAAAAAAAAAGCAACAAGGGGAACCCCAGAAGAAAAA AAAAAAGGGGAAAGGGAAGGAGAAGAGGGAGGAAGGGGCCAAAAGAGAG GGGCCAACCGGAACCAAGGGAGGGGAGAAGGAAAGGGAGAAGAAGCAGG GGAGAACAAAAAAGAGGGAACCGAATGAGACCACGAGGGGAAGGACGGAA GGGAAACGAACCAGGAAGCCGGGGCAAACAAACCCAAAAAAAGGGGCCAA GAGGCCCCAACCGGGAGAAAGGAACCAGGAGGAGAAAAGAAAAAGGAACC GGAAGGAAAAAAAAAAGGGGGGAAAAGGCCCCGGAAAAAGCCAGAAAAAC AAGAAAAAAACCAGAGGAAAGGGAAGAAGGCCGGGGAATACAAAGGGGGG CAAGAGGAACAGAAACAAGAAGAAGAGAGGGGAGGGGGGGGAAAAAGGCC GGAGACCCAAGAAGCAAAAAAGGGCAATGGAGAAAAAGGAGGGGAAAGAG AGGGAAAACAAGAAAGGGAGACGGGGAAAAAAGGGGGAGGGAAGAGGGG GCCAAGGGGAAAGGGAAGGAAAAAACCGGAAGGAGGAGAAGATGGGGGG AGAAGAAAAGAAGGAAGGGGGGAAGAAGAGGGCCCCCAGGAAGAGAAAAA TACCGAAACCGGGGGGAGGGAAAGACAGGGGGAACCGGAACCCCCCGGAA GAGAACAGAAGAAAGGAAGGGGAGAGAAAGCGCAGGACAACCAGAAGGAA G GAA $\operatorname{GAGAGGAAGAAAACGGCCGGGAGGAAAAAGAGCCAGGAAACACAGG}$ GAAGAGAGAAGGCCAAAAGGAAGGAGGGAGGGGAGGGGAAGAAGAACCG GGAAGAAACGAAGAGTACAGGGGGGACGGAAGAGGCCAGCCGGGGAGAG GAGGGGGGAAACGGGGGGGGGGGGGGAAAAAAGATTGACCGGAAGGAAG GAAGGACGGAAAGAGAGGAAAAAAGAAAAGGCCGAAAGAAGGGGGGGGG GAAGGGAGCCAACAAACGGGGGACAGAAGGGGAAGGAGAAAGACAGCAGG GAAGGAACGAGGAAAAAAGAAGCCAGGAGGCCAGGGGGAAAAGAGGAAAA AA G G G GGGGGAAACAGAAGAAGAACAGGCGAAGGGGAAACGAGGGAAAG GGGAAAGAAGAGGGGGGAGAGGAGAAGGGAGGACAGGGAAGAAAGAGAA AA $\ln A \operatorname{GAGAAGAGGGAAGGAAAAAAGGGGGGGGGGAGACCAAGAAAGGAAC}$ ACAAGGACAGGGGAGGAAAGAAAAAAGGTTAGAAAGAAGGAGACAGAGGG ACAGGAGAGGCAAAGGGGGGAGGGGAGAAAACACGGGGGGGGAAAACCC AAAGGAAAGAAGGGGAGGAGGGGGAGAAGCCAAAAGAAACCCCAAGAAAC CAGCCGGAAGGGGAAGGAAGGGGAAAAAAGGGGGGCCAAGGAAGGAAGG G G G G G G A A G G CCGGAAAAGGGGGGCCAAGGCCGGAAAAGGGGGGCCGGG G G GAA G GAAGGGGGGAAAAAAAAGGAAGGGGAACCGGAAGGGGAAGGGG AAAAGGAAAACCAAAAAAGGAAGGGGGGGGGGAAAAAAGGGGGGGGAAG GAAGGGGGGCCAAGGCCAACCAAAAGGAAGGCCAAAAGGGGTTGGAAAAC CAAAACCGGCCAACCAAGGGGAAAAAACCGGGGGGTTAAAAAAAAGGGGA AGGAAGGGGAACCGGGGAACCGGGGAAAAGGGGGGGGCCAAGGAAAAAA AA G GCCAACCAAGGAAGGAAGGGGGGAAGGAAAAGGAAGGGGGGCAGAA GGGAAGGAAAAGGGGCCAAGGGAAAGAGAGAGAAAAAAGGGCCGGAAGAA GACAGAAACGGGGGGAAGGAAAGAAGGGGAAGGGAGGGGGAAGAAAAAA GAACAGAAAAGAAGGAAGACAAGAGAAGGAGAGAGGAAAAAAAGGGAGGA CGAAAAAAGGAAAAGGAACGAGGAGAGGAAAAAAAAAGGGAAAAGGAAGG G G G GAGAGGAGGGAAAGGCCGAGAGGAAGACCAAAAGGAAAAAGAAAGAG AGGGGGCACAAAGGAGCAGAAAGGGACCAAAGAAAGAGGGGAGAGGGGAA AAAGAAAAAAAAACGAGACCAGACCAAAAAAAAAGGGGAAGGCCAAGGCA AGGGAGGGAAGGAGGAGGAGGGGGAAAGGAACCCGGAGGAGAAGAGAAA GGGGGCCAAAGGGGAAAGGGGGGAACCGGAGAGGGAGAAGGCCGGAAGA GAAAAAGAGGAGGAGCAGGGAAGGGGAACCGGGGAAAGAGAGAAGGAAAA CCAACACAAGAGAGCGTAGAGGGGAAAAGGGGGAAAAAGGTAAGGGAGGG G G GAAA G GAAGGGGAAGGCCGGGGAAAAACAGGAGAAGGAGAGGGGAAA AGAAGAGCAGAGCAAGGGGAAAAGGGGAAGAGGGGGACCAAGGGGGGAG G GAA G G G G GAAGAGAGAAAAGGACAAGGGGAGGGAAAAGGAAAAAAGGAA AA $\operatorname{A} A A A C C A C A G G G A G G G G G G G A A G G C A A G G G G G C C G G G G A G G G A A G A G ~$
 GGAGAGCAGAACCCAAAGAGGGGAACGAACGGGGGGGACCACCAAAAAAG AACAGGACGAGAAGGGAAAAGGGGGGCCGAGGAGGGAACCGGCCGAACGA GGACGAAAAAAGGGTTGGGGAAGGCCGGAGCCCCGGAAAAAGACAAAAGG G GCCGGGGGGGGCCAAGGGGAAAAAAGGAAAAGAAAACGAGAAAAGGAGG G GAA $\ln A \operatorname{A}$ GACGAAAGGGGGGGGAGAGAAACGGGACCGAAGAGGGGGAAG GACGAGGAAGGGGAAGGGGGACCAAGGGGGGAGAAGGGGGACCACAAGG GAGCAGGGGGAGAAGACCGGCCAGGAAAAAGGAACCCCAGCCCCGGAGAA

G G G G G GCCGGCCAAAAGGGGACAACCAAGAAGGGGACCGGGGAAGAAAGA ACAGGAGACCAGCAACGGGGAAAAGGGGAAGGGGCAAGAAGGGAAAAGGG GAGGAAGGAAAGAGAAGGGGGAATGGGGGGAAGAAAGGGGGGAAAAGGG GAGAAAAAGAAAAGGCCGAGGAACCAACCGGGGGGAAAAGACAAGGGAAA AGGGGAGGGAAAAAGAGGAGGAACAGAAGCAAGAACAGAGGAGACGGGGA AAAGGATGGCCGGGACCGGAGGGAGGGGGAAGAGGGGGGAAGGGGAAGG AACAAGAAGAAGAGCCAAGGAGGGGGAAAGAACCAAAAAGGCCAAGGGAC GGACGAGGGCGAAGAAGGCCAAAAACAAGGAAAAGGGGGAAGAGAAAAGG AGCCTTGGAAGGAAGACAAGAAAAGGCCAAGGCAAGACAAAAGGAACCGG G GAAAAAAAAGGGAAAAAGAAGGAAGGGGGCAAGAGAACAAAAGAAAAGG ACGGGGAACCGAGGGAAGAAAAGGGAAAGGGAACGCGCAGAAACCCGGAG GGAAGGGGAGGGGGAAAAGACCAGAGGGAAAAGGACAGAACCGGGAGGA AGGCGAGGAGAGGGGAGAGGAGGAAGGGGACAGAAAGAGAAGAAAGAGA GAGAGGGGAAGGGGGAGAACGAAGGAGGGGAAGGGGGGGGACAAGGACA AGGGAGGGGAACCGGAAAAGGAAGGGAGGAAAACCGGAAGGGAAGAAGA GAGAGGCCAGAAAGAGGGGGGGAAAAAGTAGAGGAGAGAAGGAGAACCAA A G G G A G G G G A A A G G G G G G G G G G G G G G G G A A G G CCAAAA GAGAAAGGGGA A G GAACAGGAAAAGGAAGAAAGGGGGGGGGGGCAAGAGAGGAAAGAAAAA AAAAAGGGGCGGGAAAAAAGGAAAAGGGGGGAGCCAAGGAAGGAACCGGA GAACCAAGGGACAGAGAGGGGGGAAGGGGGGAGGGGAAAAAAAAAAGGG GAGGCCGGAAAAGGGGGGAAGGGAAAGGGGGGACAAAAAGAGAAAAAAGA G GAA G G G GAAAAAAAAGGGGGGGAGAAACAGGGGGGGGGAACACAGCCA GAAGGGAGAAGCCAGAAAAAGGGGGCGAGCCGGGGAAGGAGAAGGAAAA G G G G G G A A A G G A A A A A $\operatorname{la} A \operatorname{GGGGGGGGAGAGAAGGAGAGAGAGGAGGAAA~}$ GAGAAGAGGGGGACAGAAACAGGAAGGAGAAGGAAAGAGACGAGGGGAG GGGGAAGGCCAGGGCAGAGGAAGGACGGGAAGGAAGGAGGAGAGGAAAA AAAAGGGGGGAAGGGAAAAAACCCAGAAAAAGAAGAGAGAAGGGGAGGGA AGACCACAAAAAAAAGAAAGGCCAACCGAGAAAGGAAGGGGGGCCGGGGA GACGGAGGGGGGGAAAAGGGGAAAGACCCAAAATTAGCAGGCAAAGAAAA GGGAAAAAAAAAAGAAGGGGGAAGGGGACGCGGAAAAGGAAAAAAAGAAG GAAGGAAAAGGAGCCGGAAAGCCGGACGGCAAAGGGAAAAAAAAGCCAAG GAGAAGGCCGGAAAAGGCCAAAAGGGGGAAGAAGGGGGAGAGGGGACGG GAGGGGAGAGAGGGAAAGGCAAGGAGCCGGGGGGGGGGAGGGAAAGACA G $\operatorname{GA} \mathrm{A}$ G G GCCGGGGGGGGACCCCCCCGGGGCCCCCCAAAAAACGCAAAAAA AAAAGAGGGAAGGGGAGCCGAAAGGACAAGAGGGAGGCCGGAAAGGAGG CCAAGAGGCCAAGGAAAGGACCGGCCGACAAAGAAAGAGGAAAGAAGAGG AGAAAAAACAACGGAGGCGGGAGAAACAAGAGGGGGGGGGAGAGAGGGG AGGAGAAAAGAAAAACCGGGGGGGGTAAAAGAAAAAAGGGGAAGACAAGA G G G G G A G G G G G G GAGAAACGGAAACGATAACAGGGTAAAGGAAAAAAAGA GAGGGAAAAAAGACAAAAAGGGGAATTCCAGAAAGAAAAAACCCCGGGGG GAGAGAGCCCCAAGGAAGAAAGGCCAAAGAGAAAAGGTTACAAAGAAGGC C G AA GCAAAAAACGGAGGGACAGGGAAGACAAGGGAGGGAGGGAGAAGAA CGGCCAGGAAAAGAAGGGGGGGGAACCAGAACAGGGAGGGGGGGGGGCA GGGGGAGGCCCCAAGGGGAACAGAAGGAGAGGGAGGGGAGAGAGAAGGA AAAAGGAAAGAAAAAAAAAGGGGAAGGAAAAGAGGGGGGATAGCCAGAGA GGAAAAAGGGGGGCCAAGGAAGGAAAAAAGGGGAAAAGGCAGGGAGAGA GGGGAGAGACGGGGAAGGAAAAGGAAGGGGCGGGAAAATTAAGGAACCG AAAGGGAAAAAAAGGAACCAAGAGAGGGAGGGGAAAACCGGGGCCGGAGA GATCAAAAAGGGGACGAACCAAGCACCAAGGCCAAAATTGAGGGGAATTA ACCGGACAAAAGGGGGGAAGGGGAAAAGAAAGGGGGGGGAAGAGAGAAA GGAACACAGGAAGGGGAGAAGAAGACAGGGCCGGAGGACAGAGGCACCAG GAAGAGAAAGGAACGGAAAGAGGAGAAGGGGGAAAGACGGAAAAGGGGAA A G G AAA $\operatorname{la} A A \operatorname{A} \operatorname{GGGAGCCGGAAGAGGCCAGAAACGGGGAAGAGGGGAGA}$ AAAGGGGAAGGAAAGAAAGAGGAGGGGAAGGAACCGGGGAGGGAAGGCA AACAGAGGAGGGAAGGCCGGAAGAACGGGAGGAGGGGGAGGGAGAACAA GAAGGAGGGGGGGACGGCCAGAACAAGGAGGCCCACACCCGGGAGGGAG G GCCAA G GCCGGGGGGAGAGGGAGGAGGGGAAGGAAACCCCACAGGGGA GAGGGGACAGACCAAAAGAACGGAAAAGGGGCCGGAGGAAGAAGAAGAGA AAAAAGGGGGACCGGAAGGAGAAAGAAGGAAGGACAAAAGGACGGGGAAA GGAGAACGGAAAAAGAAAAGGGGGAGGCCAAAGAGAGGGGGGGCAGAGG GAAAAGAACCCCAAGGAAGAGAAGGAAAAAAGGAACGGAACCAACAGGGA

AACCAAGGAAGGGGAGCAGAAAGGAAGGAAAAAGGAGAGGGGAAGGGAG GAAGGGGAACACCAACAAGCCAAAAGGGGAAAAAAGAGGGGAGGAGAGGC CAAGAACGAACGGCACCAAGAAGGAGGGAGGGGGGCCGGGGAAGGGGGG CCGGGAACAGAGGGGGGAAGGAAGGAAGGGAACCGGCCGGAGGGGGGGG AAAAAGGGGGGGGAGCCAGGGACAGAAGGGGAAGGAGCAAGAGGGGGAC A GAAAAGGGGGAGGAGAACCAAGGAAGGAAGGAAGGAAAGAAGAAGAAGA GACAGAGGCCGAAAAGACCGGGCAGGCCGAAGGGGGGGAAAAGGGGGAG GCAGGCCAGAGAAAGAGAAGGAGAAAAGAGAGAAACCGGCCAGCCAAAAG GACGGACGGAAAAAAGGGGGGAAGGGAAGAGAGGGGGAGAAGAAGAGAG GAAAAAGGGAAGCCAAAGAAAGGGGGAGAAGGAGAAGGGGGGAGGAGAG GGAAGGAAAAAAAAGAAAACCGGGGGGAAGGGAGGGGGGGGGGGGAAGG GGGGAAGGAAAAGAAGAGAAAAAAAACCAAAGAGAGAGAGGGGGCCAAAA AAAAGGACAGGGAGAAGGGGAAGAAAGAGGAAAAAGGGAGGGACAACCGG GGGGAAAACCAAGGGGAAGGCCAACAAGAAAAAAAAAGAAAAAAAAAAAG GAGGCCGGAAGGGAGGAGAGAGGGGGAAAAAAAGGAGGAAAAAGGGAAA AAAGGCCGGAAAAAGAGGAAAGGGGAAAAGGCCAGAAAGGGACACCCGGG GAAGGAGGAGGCCAGAAGGGGGAAGAAGAAAGGGGGAAAAAGGGGGGAG AACCGAAAGGAAAAACGGAAGGGGAAAGACGGGGAGAAAAAGAGAGGAAA G G G G G GAGGACCAAGAAGGGACAGGAAGAGAGACGGAGAAAAGGTTGGG GAGGAGGGAAGAGCACCGGAAAGAGAAAAGAAGAAGAAAAAAAGGGGAAC CAAGGAAAAGGGGAGGGAAGGGAACCCGGGAGGGAAGAAAGGGAAGGAG AAAGAAAAGGAAGGAAGGGGAAGGGGGGAAAAAAGGACGGGGGAGGAGA AA $\operatorname{GAA}$ A G G GAA G GAGAAGGAGAAACGGAAGGAAGGGGGGAAGGAACAGG GACCGCGGAGGGGGGGAGCCAGAGGGGGGGCCAACCAGAGAAAGAAGGA AAAGGGGGACCAGGACCAAAGACGGACAACCGGAAGAAAGGGGGAAGGAG AA GAGAGAAACGGAGAGGAAGAAAAGGGGAGGAAAAGGACCGGAGAAAAC AGGGAAGGGAGAGGGGAGAGGGGAAGGGGCAAAGGAAGGAAGGAAGGAC GAAAAGGGGGAAGGAAGGGGGAGGGGGGAAAACAAGGAGAGAAAAAGGG GAAAAACGAGGAAGGAAAAACGGGGGGGGAAAAGGCCGAAGGAAAAGAAC CAAGGAGGGAAGGGGACAAAAGGAAGGAAGGAAGGGGAAAAAAGGGGGG G GAAAAAAAAAAAAGGGGGGGGGGAAAAAAGGGGAAGGGGAAAACCAAAA GGAAGGAAGGGGAAGGGGGGGGAAAAGGGGAAAAAAGGGGGGAAGGGGA AGGGGAAAAAAGGAAGGGGCCAAGGCCAAGGGGGGCCGGAAAAAAGGGG AAAAAAAAGGGGAAAAAAAAGGGGGGGGGGCCGGCCAAGGAAGGAAAAAA GGAAAAGGGGCCAATTCCGGAAGGGGAAAAAAAAGGAAAAAATTAAAAGG G G G G G G G G C CTTCCGGGGGGAAGGGGGGGGAAAACCAAAAAAAAAA G G G GAAAAAAAAGGGGAAAAGGAAACAAGAAGGGGGACAAGGGGGGAGGGAAG GAAAGCAAAAGAGGAGGAAGGAAGGAAAAAACCCCAACCCCGGAGGGAGG GAAGGGGCCGGGAAAGGAAAAAGGAGGGGAAGGGGGAGGGGGGGAAGAG AGTAGGACAGGAGGGGAAGGAAAAGGAAACAAAGAAAGAAGGGGAGCAAC GAGGCGAACCCCAAACAAAAAGCAAACCAAAAAGAGAGAAAAAAGGAAAG A GACAGACGGGAAGATAAAAGGGAGGAACCCCGGAAGGAAAGAAAGAGGA AGAAAAAGAGAGGAAAAAGGGAAGAGGGGACCAAAAAGAGGGAAGGCAAA AGGAGAAAGAAAGGGGGGACAGGGGGAACCGGCCAAAAAGAAACCCAGGA CACCGAAAGGAAAAAACCGGGAGGAGGGAAAAAGAGGGGGAAAAAAGGGG ACAAACACGAAGAGAGAGGGAAGACAGAGGGCAAGAAGAAAGAAAAGAGA AGAGGAAAGAAAAACCAACCAAGGAAGGGGAAGGAGAAAAAAAGAAAAGG G GAAGGAAGGGAAGGGGACCGGGACGGAGGGGCCGGAGAAGGCCAAGGG GACAAAGCAGACCGGAAGAGAAAGGGGGGGAAAAGAAGAGAGAAGACAAA GAAGGGAAAGGACGGAAAAAGGAAGAAGGAAGGAAGGAGGAAGGGAGAA GAGGAAAAAGGAGGAAAGGGAGAAAAGACCAGAAGGAAGGCAGGAAAACC G G G G G GAAGGAGGAACAAAGAGAAGGAAAGGAAAGGGGCCGGAAAAAACG G GCAAGGGAGAAAGACCACCACAAAAGGGGGGGAAAGAGGGAAGAGCACA
 G GAGGGAAGGGGGAGGGGGGGTTAAGGCCACGGCCAAAAAGCCGAAAAG GAAGGAGAAGGAAAGAGGAAGGGGAAAGAGCGAAAGGGGAAGAGGGAGA AGGAAAAGGCCAAGCGGAGAAAACCAAGGCCAAAACAAGGAGGGACAAAA A G G G G G G A A G G GAGGGGCCAAGAAGGGAGCAAGAGCAAGACAGCCCCCGA GGGAGAGAGGGAGGAGAGGAGAAGGGAAGAGCGAAGGAGCCAAGGAAAC G GAAGAAGAAGGAAATAAAAAAGGGGGGGGGGGGGGGAGGGAGGAACCG AGGGGAAAGAGGAAGAGCAAAATCCAAGGGGAACCAAACAAAGGAAAGGG

GCCAAAACCGAAGACACGGAGCAAGAAGGGGGAGGAGACGGGGGGGGAAA AAAAACCAGCCAAGAAGGGGGAAAGGGGGGGAGGAAAGAAAAGCCAAGGC CAAGGCGGAAGAAGGGGGGTACGCCAAAGGGAGAGGGCCCCCCACGAGGG GCAGAGAGGCCAACAAAAGGGATGGGGAAGGAGGACAACAGCCGGAACCG GAA G G G G A A G GAGGGGAAGAAAAAAGGGGGGAGCCACGGGAAAGGGGGG G GAACCAAGGGGGAAAAGCCGAAAGGGGCCAGAGAAAACCGGCCAACCAG G G GAGGGAGGCCAGAAGGGGAGGGGGAAGGAGGGAAGGGGAAGGGGAAA CAAAAAAAAGGGGAACCAAAAGGAAAAAGGAGAGGTTACAGGGACCCAGA A G GAGCAGGAGGGAGACAAAAGGGAGAAAAGGGGAGGAAGGAAAAGGGG AGAGAGGGAAAAAAGAAACAAGGGGAAGAAAAAACGACGGAAAGGGGGGG AA $\operatorname{A} A \mathrm{~A}$ GAGGGGGGGGGAAAAAAAAAGGGAAGAGGGGAAAAAGGAAGGGC CACAAGGGGACAAAAAAAAACAGGGGGAAAAAAGGAGAGAAAAAGAAGAA AGGAAGGAGAGAAAACCAAGGGGAAGGAGCCGAAAAGGGGGCAAGCAACG AGGAGAAACGGAAGGGGGGAGAGGAGAGGAAAAGGCCAAGGGGGGAAAA GGGGAAAAGGGGGGGGGGAACCGGGAAAAAAAGGATAAGAGAAGGGGGA AAAGGAAAAAAAGGAGAGAGGAAGGAAAGGAAAGAAGAGGACAAACAAGG AAAGACCGAGAGGACGAAAGAGAGGCCCACCGGGGGGGGGGAAGGAACCG GAAGGAAAAAAAACCAAGGAAAAAAAAGGAACCAAAAGGAAAAGGAAGAG GAAGGCCAAGGCCGAAGAAGGAAGAGGAAAGGGAGAGGAGGAAAAAAGGA CGAGAAGGAAAGAGAAGAACCGGGAGGGAGGGAGGCAAAAGACCCAGAAA AGGAAAAGGGACACAAAACGGGGCCAGGAAGAGAAGGAAGGAGGAGGGGA GCAACAAGGGGGGAAAAGGGGGAAGCCAGGGAAGACCGGAGCCGAAGACA ACCAAA $\ln \operatorname{GGGGGGAGCAGAGGGGAAAAAAGGAAAAAAAAGGGGAAGGAAG}$ GAA G GAAAAAAGGGGAACCAAGGGGGGAAGGGGGGGGAAGGGGGGAAAA AA G G A A A A A A G G GGAAAAAAGGAAGGAAAAGGGGAAAAAAGGGGAAGGGG G G G G G G G G G GAAGGGGAAAAAAAAGGCCGGAGAAAAGAGGAAAAAGGGG AGAGGGGCCGGGGGAAACCGGAGGGAAGGCCGAAAGGAAGGAAAGAAAG GGGAAGGAAAGAGAGAAGAGAGAGGGAAGGAACCGGGGCAAAAGGGAAA GAGGGAAAGAAGGGGGGACCAAAGGAAAAACGGGGACAGAAAGCAAGGAG AA G G GCCAAGAGGAGAAAAGGAGCAACAGGAGGGAGGGGGGAGGGAAGA GGCCGAAGGGGGGGAAAAAAAGGAAAGGAGGGGAAAAAGGGGCCGGCCG AAGAAAAAAAAGGGAAACCGACGAAGGGGCCAAAAAGAAAGAGGGTTGGG GCCAAAACCGGAAAAAAGGAGGAAGAGGGGGAAAACCGGGGAAAGGGAAC CAAGGGAGGCAAAAGAGAAGGAGAAGGGGGGAGGAAAATGGAAAAGAGAA ATAAGGGGGGGAAGGGAAGCCGGGGAGGGGGGGGAGGGGAACAAAAGAG CAGGTTCCAAGGAGACAAAGACAGGGGAGGGGAAGGAGAAAAGAGGGGAA G GAAAAAAAAGGCCAAGGAACAGGGGGGATAAAAAAAAGGAAAGGGAGGG AA $\operatorname{GAGGGGGGGAAAAAAACCGGAGCCGGGGAAGACCGGAGAAAAAAAGGG}$ GAGGGAAAAGACGGCAAAGAAGGGAAAAAAGAAAGGGGGAGGAGAGAAAA GAGGAGAGAGGGGGGGAACGGGAAGGAAAAATAAAGGGGGAAACGCAGA AAACCGGGGGGAGAGAAGGGGGGACAAAAAACCAAGGAAGGAAGGAAGGC CAAGGAAACGGCCAGAAGGGGGGGGGGGGCAGAGGGGAGGGGAGGAAGG AA GACCCCGGGGAAGGGAGGCAAAGGAACCAAAAAAGGAAGGCCGGGAAG CCAGAGCCAAGAAAGAAGAGCCAAAAGAAGAAGGGGAAGGGGGGAGGAGG AGGCAGGGAAAAAACCAGCAAAAGAGGGGGGAAAAAGAGGAGAGAAAGAG CACCCCGAAGGGGGGACAAGGGAGAAAAAGGGGGAGGGAAAACCAGGAGA AGAAAGGGGGAGGGGGAAAGGGAGAGGGAAGGCCGAAAGAGAGACAGAG GGGAAAAAAAAAAAACCAACAGGAAGAGGGGAGAAGGGAAGAAGAAGGAG G G GAAACAAGGGAGAAAAGAGGGGGGGGGGAGGGGGAGAGGGAGAACAG G G GAGGAGGGAAGAGAAGGGGAAGGAAGACGAGAGGGAGAGGACAGGAA AGGAAAAAAAAAGGCCAGGGGGGCCGAGGACGGAGGGGCCAAGAAGGCCA GCGAAACGAAGAAAAAGGGGGAAAAGGAGGAGGACAAGAGGGGCCAAGGG GACGGAAAGGAGGAGGGAGGAAGAGAGGGGGCAGAAGAACAGAGGGAAG G G G GAA $\operatorname{l}$ G G G G GAGGGGGAAAAGGAAGGAAGAGGCCGAGAAGGGGGAGA GGAAGAAAGAAGGACCAGGCAGGAGGGGGCCGAAGAAGACAAAAAGAGGG GGAGGAAAACCGGGGAAGGAAAAGAGGAAAAGGGACAAGGAGGAAACGAG AAAAGAGGAAAGGGGAAAAGGAAAGAGGGAAAAACAGAGCGAAAAAGAGG GAGAAGGAAAGAGGACCGAAAGGGAGAGAAAAGGGGAGGAAAGAGGGGG AA $\operatorname{l}$ GGGGAAGAAGGGAGGAAGGGGAGGAAACCAAAAACAACCAAGGGAGG CCAAGGGGAGAAGGGGGGCAGGAGGGAAGGGGGGGCGAAAGAGGGGAAC CAAGGGGGGAGAGCCGGGGGGAGAAGGGGGGGGAAGGAGAGACAAAAAA

AA G GAGGAAAGGCCGGAGGGCGGGAAAGCCGAGGGGAAAAGAGAAAAGA GAGAAGGAAGGAACCGGGGAAGGAGAAGAAGACAAAACCCCAAAAGAGGG GAGAGAAGGAGAAGAGGAAAAAGGGGGGGAAAAAACCACGGAAGGAAGGA GGGACCCGAAAGAGGGGAAGGAAACAACCGGAGAGACGGGAAAGGGGAGA ACAAAAAGGGGAGGGAGAAGGAGCCCCGGCAAGAACCAGGGGGGGGGAG
 G G G A A G G G G G G G G A A A A A A A G G A G G G G A GAGAGGAGGGAGGGGAGGAAAG GGCATAGGGGAAAACCCCGGAAAACACCAAAAAGGGGAGGAAAAAAAGAA G GAAGGGGGAAAGAAAGGAGTTATGGGGGGAGCCGAGGAAAGCCGAAAAA ACAGAAAGGAGGGACCGAGGAAGGGGCAGGAAGACAAGAACCGGAAAAAG AACCAGACAAGAAGAAGGAAACAGGAAGCAGGAACCAACCAAGGAAAAGG GGGGAAAAGGTTGGAACCAAGGAAAAGGGGCCCCGGGGAAAAAAAACCAA GGAAGGAAGGGGGGGGGGGGAAGACCAAAAAAAAAGAGAGAGGAGGGAG AGGAAGACAGAGGCCAAAAAAGAGGGAACAGAAGGAGAGACAGGGAGAAA AATGGGGCCAAGGGGAAAAAACCGGCCGGGAGGCAGAAAAAAAAGCAGAA AGAGAAAAGGGGGCCGGAGTTAAGGAAGGAACCGGAAGGGGGGAATTAAC C G G A A G G G G G G G GAAAAAAGGAAGGAACCGGAACCAAGGCCAAAAAAAAG GCCAAA G G G GAGGAACCAAAAGGAAGGGAGAAGGAGGAGAAGGGAGGGG GAAAAACCGGGAAAGGGGCCGGGGAAGGGGAAAAAAAAAGAAGGGGACCC GGGAAGAAAGAACCAAAAGGGAACGCGAGAAAGGAAAAAAAAAAAAAAGA GAGAAAAAGAAGAGAGGGAAAAGGGGTACCGGAAGGAATAAACGGAGACC AA G G G GAAAGGAAGAAAAAAGGAAGGGAAGAGAAGGAACCGGAAAACCGA G G G G G CAAAAGGGGAAAAGGCAAGAGGAAGAAGGGGGAAGGGGCAAGGA AAAAAAAGGAAGGAACCGGGGGGGGAAAAAAGGGAGGAAAAGGGAAGGGA A G GAGGAAAGGGGAAAAGGGGGGAACCAACCAGAGACGGCAGCGACCGGA GAAGAGGCGGGACGAGGGGAAAAAGGGGGCCCCAACAAGAAAACCGGAAA AGAAGGGGGGGCCAAGGGAAGGAGGAAGAAGAAAAGGGGCCCCGAAAGG GGAGAGGACCAACAGAAAGAGAAAGGGAAAAAGAGAAGCCAGAGGGAGAA G G G ACAAAGAAGAGGGGACCAGACGAGGGAGGGGGGAGGAGCACGCAGG AGCAGGGAGAGGAAGAGACCACAGGCCAAGGAAGAAAAGAGGAAGGGAAG GAAAAGGCATACACCAAAACCTAGGAGAAAAAACAGGAAAAGGGGGGAAA GAAACCAGGGGGGCCAAAACCAAGGCCGGGGGGAAAAGGAACCAAGGACG A G GAA G G G GAGGACCAGAAGGGAAGGAGGGGAGAGAGCCGGAGGGACGA GAAGAGGGGGAAAAAAAGAAAATTAAGGGGGAAGCAGATTAAAAAAGACC CAAAGAAAGAAACCAACCAAAAGGGGGGAAGGAAAAAGGAACGGGGGGCA TTGGAAGAGGACGCACAAAGAAAGTAAAAAGGGATTAAACAACCAAAAAA AA $\operatorname{A} G \mathrm{G}$ GAAGGGGAAAAAGAGAGCAGGGGAAAAGGGGGGGAGGAGCCGGG AA G G GAGGAGAAAAGCCGGAAAAAGAGAAGGGGAGACGGAACCAGAAAAA ACCAAGGGGAAGAAGAAAAGAGACAAATAAAAAGAGGAAAAAAAACCAAA GAGAAAGAACAAAAAAACACACCCAGGCCGGAAGGAATTAAAAGGGAAAA AGGAGAAGAAGAAAAGGCCCCGGGGGGAGGGACGAAAGGGGGGACGGAA G G AAAAAAGCGGGGAGCCCCAAAGGAACAGAGGGAACCCGGGCCAAGGGG GGGAAAAGGGGGAGAGAGAAAGAGAAGAAAAACCAACCGGGGAAAAAAAA TTGGGGAAGGAGAGACAGAGAGACACAAGGAGGGGAGAGAAGAACAGGAA AGGAAGCAGGAAAAAGACGGAAAAGGAAAGGAGAGGAAGGGGAGGAGGG GCCGGGAGGGAGAGGGGGGAAGGGAAGACCAGGAAGGAAAGGGGAGAGA AGAAGGAAGGCCAAAAAGGAAGGAGGAAGGAGGAGAAAGAAAAAGGAAAA CCGGAGGGACAGAGGGAGAAAACAGGGGAAGGGGGAGGACGGGGAACCA ACCAAGGAAGGGGGGAAGGAAAAGGAAGGAACCAAAGTTAAAGGGGAAAG G GAGGCCGGGGAGAAAAAAGAGGAACCGGAGCCGGGGAGAAGGAAAAAG GAACAGAGAAAAAAAGGAAAAAAAAAGAGGGAGGGGAAAAAAGGAAACGG TACCAGGGCCGGAGCCGAAAGGGGACAAGGCCAGGAGGAACCAAGGAAAC GGAAAGAGGGGGAAGAATCCGAGGAAAACAAAAAAAAAGGGGAAAAAACC AA $\operatorname{l}$ GGGAAAAGGCCGGGGGGAAAAGGGGGGCCAACCGGGGGGGGGGGGG GAAAACCCCAAGGAAGGAAGGAAGGGGGGGGAAGGAAGGAAGGGGCCAA GGAAGGGGGGGGCCAAGGGGAAGGCCAAAACCAAAAAAGGGGCCAAGGG G G G G G CCGGAAAACCCCGGAACCAAGGGAAGGGCGAAAAAAGGAAAAGGG GGGCCGGAAAAGGAAGAAGACAGCCAGGAGGAGAAAAGGAAAAAAGGAAA AAAGGGGAAAAGGAAGGGGGGAAAAAAAAAAAAAAGGAAAAAAAAAAAAA AAACCGGGGGGGGAAAAAAAAGGAAGGAAGGGGGGGGAAGGCCGGAAAA AAGGAAGGCCCCGGAAAAGGGGAACCGGAAAACCAAGGAAAAAAGGAAGG

G G A A A A G G G G G GAAAAAAGGAAAACCAAGGGGCCGGGGGGCCCCGGAACC GGAAAAAAAAAAGGCCAAGGAAGGGGACGAGAGAGGGAGGCCAAAGAGAG AAAAAAAGAGGGAGGAGAAAGGCAGAAAAGAAAAGGAAAGCAGAAGGAGG GGACAAGGGGACAAGGAACAGGAACCCCCCATCCCCCCGAGGGGAAAGCA GAAGGAGGAGACAAGGGGCCGGGAAAGGAGGGCCAAGGGGAGAAGGCCG AGGAAAGCAAAGGAAGGGGCCAAAAAAAAGGAAAAAAGGAAGATTAAAGG GGGAAGAGAAGAGGAAGAAAAGGAAAAAAGGGGCCAAGAGGCACCGGGGA AAAAGGAAAGGGGAGGGGGGAGAAAGGAAAAGGAAGGACGGGGGGGAGG GGCCAGAGAAAAACAGAACCGACCAAGGGGGGAAAGGAAGGAAAGAGGAA AGCCAGAGGGACAAAAAAGGAAGGAGCAAGGCAAAAAGAGGGAACCGGAG A GAAGAGAACGAAAAAACGGGGGGAGAGAGGGGGGGAAGGATAGAAGAA GGAGAGGAAGAAGAGGAACAGGGGGGACAGAGGGAAGCCGGGGAAGGGG AAAGGGAAAAGGCCAAGGGGGGGAAGTAAAGAAGAAAAGAAAAACCAGAG AAAAAAGGGGAAAAGGAAGGAAGGAAGAGGGACCAAGGGGAGCAGGAACA GGAAGGCAAACGAAGGGGGGGGAAGGAGCCGAACAAGGAAAAAAAAGAGG GGGACACAAAAGAGGAGGGGGGCGAGGGGGAGGGGGGGGGAAGACAAAG GAACCAAGGGGAAGGAAAAAAGGGGAAAAAAAGGAGGAAAGCCGAGGGGG GATAAAACCCCGGGGGGGGAAGGACACGAGAAACCAAGGTTGGGGGAGAG GGAAAAGGGAGAAGGAACCAAGGGGAGGGGGGGGGAAGGTTCACGGGGG AGAAAAAGGGACAGAGGGGAGGAGGAGGAGCCAAAAGAGGCGAGGGGAA GAAGGAAGGGAGAGAAAGAAGCAAGGGGGAGGAGGGGGGGGAAGAGGAG TTCCAGGGAAGGGAAGAAAAAGAAGGGGGGGGAGGAACAGAACCAGCAAA AAGGGAAAGGAAGGACCAGAGGAACCCCGACATTCCAACCGGGGGAGAGA CAAGGGGGGAAGAGAAAAAAAGGGGGAGCCGAAAAAGGGGAACCAAAAGG GGAAAAAAAAAAGGAAAAAAAAAAGGGGGGAAAAAAAAGGACAATTAAAA AAAACCAAAAGGGGGGGAAGAAAACAAACCGACCGAAGCCGAAAGAAAAG GAAACCAAAAGGGGAGAACACAAAGGAAAAAAGAGGAGAAGAGAAGCAAG GAAAGGACAAGGGGACCCAGAAAAGGGGGCAAGGGGAAAGAGGGAAAGG GGGCCGGGGAAAAGGGGGGGGGAGGGAGGAGCCAAAAGGGGAACCAAGG G GAAGGGGCCGAGGAAGGGATAACGGGGAGCAAAAAAGAAGAGGAGAAAA AGCCGGGGGGAAGGCCGGAAGGAGAGAAGAGGGGGGAAATCCAAGGAAG GGAATGAAAGGAACCACAGAAAAAGGAGAAGGGGGAAGGGGAAGGAAAAG AAAGGGGCCAAGGGGCCGAGACAGACAGGGGGGAACCGGAAAGACAGGCG GAAAAAGAAAAAACCAAAGGAAAAAGAGGAACCGGGCAGCCAACCCCCCG GAAGGACGGGGAGGGAGAAAAACCCAAAAAGAGGGCCAAAACAAAAAGGA AGGCCAACGGGATAGAAGGCACAGGGGGGAAAAAGCCAGAAGAAGAGGAA AAAAGGGAAGGCCAGCCGGAAGAGAGGAAGGAGAGAATTGGAAAAGGAAG G G G G GCCAAAGAAAGCCAGAGGGAGAGGGAGCCCCGAAGGAAGGAAGACG GCCAGAGACAGAACAGGGAAAAAGGGAAAACAAAGAAAAGGGGACGGGGG GAAGGGGGGAAAAGGGGGGAACCGGGGCAAAAGAGACAAAAAAGGCAAAA GAAAAAAGGCCGGAGGGAAGAAGAGAAGGAAAGGGAGAAGGAAGGACAAG GCCCCGGGGAAACGGGGCAGGCCGAACGAGAAAGGCGAAAGAAGGAAGGG A G G G G G ACAGGGGGACCGGAGACAGAAGGGGAAGGACGGGGAAAACCAA AGACACAAAAAAGGAAAAGGCCGGGGAGAAAACCGGGAAGGGGAGAGGAC GGAAAAAAGGGAGGGGCCGGAAGAGGGACCGGAAGAGGGAGGAGACGAG GGGGGAAAAGGAAAGGAGGAACCGGGGAAAAGAGAGGGGGGAAGGAACC G G G GCCGAGGAAGGGGGAGAGGGGAGAAAGGGGGGGGGGGAAAGAGCCG ACCGGGGGGAGAAGGAAGGGGGGAGGGGGAAAAGGAAGGAGGGAGAAAC A G G G GAGGGGGGAACCTAAAAAGGCCGGGGAAGGAAGGGGGAGAGGGGG GCCAGGAGGGGAAGGAAGGGGAAGGGGAAAGGGGGGGAAGGAAGAAAGG A G G A GAGGGAAGGAGAACGACCGAAACCGGGGAAGGAAAAGGGGGGAAAA GAGGCAAAGGTTGAGGGGGGGAAAGGGGCCCCGGGGGGAAAGAGGGGGA AA $\operatorname{l}$ A $\operatorname{G}$ GGGGGGAAAGGGGGGGAAGGAAACAAGGAAAAGGAAAAAAGGCCA AAAGGGGAGAGGACCGAAGAAGGACAGAAAAAGAAAAGGCCAGAACAAGA AA $\operatorname{l}$ GGATAGGGGGAAAGGAATAAACGGGGAACCGAGAAGAAGGGAAAAGA A G G A G G GAAAGAGGAAGCCCCAGAGCAGACACAGAGAGAAGCCGGAAGAC CCAGCAGAAAAGGCATTGAAACCAAAGAAAGAAAGAAAAAGAGAGGGGAG GGGACGGAAGGGGAAAAGAGGAAAGACCAAGAACCGGAAGGAAAGAAGGG GAAAACCAAGGGAGGGGGGGAGGGGAAAAGGGAAAGAAAGAAACCAAAAG GGGAAGGAAAAGGAAAAAAGGAAGGAGAACAAGAGGGAAAAGAGAAAGGG GAGTTGAAGAGAGGGGGGGAAAGAAGGGGAAGGAAAAAGGGAAAAGGAA

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G GAAGAGGGACGGGAGAAAAGAAAAGAGGGAAAAAGGGGAAAAGAAGGAC AGGAAAAAGGGGAAGAGGGAGGAAGAAGAAAGAGGGGGCAAGGGAGAGG GACAGAAGAAAAAGAGGGGGGACAAAGGAGGGAAGGAACAAGGGGAAACC GGGGAACCGGGGTTAAGGAAAGGAAAGGGGGGAAGGGGAGAAGGAGAGA AAGGGACGGCCGAGGGGCCCCCCAGAACCCCGAACAGAAAGGGGGGAGGG G G G A G A A A GAAAA GAAA GGGGGAAGAAAGAAGGGACCGGGGGAAGGGAA AAAGGGGGAAAGACAGGGGAAAGGGACAAGAAGGGAATGGGGAAAAGGAA AA G G A G A GAAGGCCAAAAACGAAAGGGGCCAACCAAGGGAGGAGGGAAGG AGGGAGACAAGGAAGCAAAAGGGAAGGGAAGAAAGGAAAGGAAGGGAAGG AA GGCCAAGGCCCCGGGGAAGGAAAAGGAAAAAAGGAACCGAAAAAAGAG CCGAGAAGGGAGAGGGAAAGGAAAAAAAGGCCCAGGGGGAAAGGAGCAAG GGAGGGGGACAACAGAGGAGGGGGAAGGGGAACCTTGGCCCCGGAACCAA AAGAAAGGGAAATAGGGAAGGAGGAAGGAAGAAGGGAGGGGAAAGGGGC CGGGGAGAGCAGACCGGGGAGAGGGGAAGGGGGGGACGGAAAAGACAGG G G G GCGGGGGAGGGGGAATTAAAAAAGGGGAAGGAAAACCAAAAAAAAGG AAGGAAAAAAAAAGAACCCCGGGAAGAAAAGGGAAGCAGGAGGAATAGAA GACCGGAAGGACCCAAAAAGACGAAAGGGGGGAAAAAAGGGGAACCGGAA G G G GAAAAAAAAAAAGGCGGAAGGAGCCAACCAAAAGGCCGAGGGGACAG GGAGGAAAAGCAAAAGAAAGAAGGCCGAAAGAGGAACCCCCCAGCCCCAC GGAAAGAACAAAGGTTGAGGGGCCGGCAGAGGAAAAGAAAAGAGGACAGA AA GAAGGAAGAGATAGAAGAAGCCAAGGAGAAGAGGAAGAGGGAGGAAGA AAAGGAGGAAAACCAGGGAAAAAGGGAAAACCAAAAGAAGGGAGAAAAAC CCAGAAAAGGAAGAAAGAGGAGGAAGAAGAAAAAAAAGGGAAAAAAGGAA AAAAAAGAAAAAAAAAGGAAGAAAGAGGGGGGGGGAAGAAGGACGGGGGG G GAA G GACAGAAGGAAACCCGGAGAAGGAAAAAAAAGGAGCCGAGGAGGG AGTTGGACGGAGAAAGGAAGGAGAAACGAGAAAAGAGAAAAAGGCCCCGG AA G G G GCCGGAAGGACGGGAAAGGGGCAAAAAAAGGACAAGGAAAGAGCA AAAGGGAAAACAGGCCGGGGAAAAGACCGGGGGGGGAAAAGGGGGAAAA GCCGAAGACGAAAAAAAAGAACCAAGGGGCCGGAAGGAAAAAGAGGGGAG GAAGAAGGGACGGGGAGGGGGAAAAGGTAAGGAAAAAAGAGAAAAGGGG AGGAGAGAAAAGAAAGAGGGGGAAAAAAGGAAAGGAGGAAGGAGGGAGG GAAGGGGAAGGACAGGGCCAGAAAAGGGGGGCCGGAAAGACGGGAGGAA AAGGAAAAAAAATTAAAGACGAGAGAGAAAAACCAAAGAACCAAAGCAAAA G G G G G CCGAGGCCTTCCAGGAAGAGAACAGACCCCGGGGAAAAGGAAAGG AGAAGGAGGGGTTGGAAAAGGAACCGGCCCCGGAAGGCCAAAAGGAAGGG AA $\operatorname{G}$ G GAGCCTTGGGGAAAACCGGAGAAGGGGGGAAGAAGGGAGGACAAAA G G G G G A G GAAAAAAAGGAACAACGAAGGAGGGGAAAGACCAACGAGGAGG GAGGGGGAAGGGGGGAAGGAAAGGGGGGGAAGACCAAGAACGACCAGGA G GAAGAAGGAGACCGGAAGAAGAACAGGAAGAAGACAGAAGAGGGGAAAG AAGAAGGACCGAAGAAAACGAGAAGGGGAAGGGGAAGGAAAGCCAAAGAG AGAAAACCAGAGAAAAGGCACCAACCAGAGAAGGTTAAACACAAGGGACC AA $\operatorname{GAGGAGAGGGAAAAAGTAAAAAGGAAGGGGGGGACCGGAAGGAAAAAA~}$ CCGGAACAAGGAGGAAAGGAGGAGAGAAGGGGAGGGGGGGAAAAGAGGA AGGCCGGAAGAGGGGAGAAAAGGAAGGAAGAGGGGGGGGAGAAAGAAGG G GAGAGAAGGAAAAAAAGAGAGAAAAAAGGGGGGGGAGGGGAAAAAAAGA AGAGAGGGAGATGGGAATGGAGGGAAGGCAGGAAAAGAAGCCAATAGGAG CCAAAAAGCAACAGCAGAATGAAAGAAAAAACAGAAGAAGGGAAGGAGAA GAAGGGAACGGGAAAAGGGGCCAATTACGGGACCAGAGGGAAAAAAAAGG AACCAAAAGACCAAGGGAACGAAGGGAGAGAAAACCGGAAGAAAAGGGCA AA GAAAAAAGGGGGGGGGCCCGGGAGCCGAGAAAGACCAACGGGAGGGG GAACAAAGGGAAAGGGAAAGGGGAAAGAAGGGAGGAACCAAGGGGAACAA GTTACAGCCGACCGAAAGGAAAAGGGAAAGGGGAAAACAAAACGGGGGGG GAAGGGGGGAGAAGAGGAAAAGAAGAAGGGGAAAAAATTGACCAGCCAAA GAAAAGAAGAAGGAAAAGGAAAAGGAAAAGGGAGGCCAAGGAAGGGGGGC CCCAAAAGACCAGGGGGAACCGGAGGGAACCGGAAAGAAAAAGGGGGAAA A G GAAGGGGAAGGAGGGAGAGAGGGGGGGAAAAAAAAGGAACCGGACAA G G G GCCGGTTAGGGGGACGGGGGACCGAACCAGAAGCACAACCCAAAGTT TTGAAAAAGGCAGACAGGGAAGGGAGCACAGAGAAAGGGGGGAGAGAGAA AGGGAGGAAAAAACGACAGGGAAGAAAGACGGGAGAGGGGAAAACAGGCC GACCAAGGAGAGGAAGGAGGGGAAGGAAGGGGCCAAGGTTGGGGGGAAG GCCGGGGGGAGCAGGGAGACAGACACCAGAGGGGGCAGGAGGAAACCAAA

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 A G G G GA G GAAAAGGGGGCAGGGCAGGGGAAGGGGAGAAGACCCCAAAGA GAAGGGGCCAAAGAAAAAGAGGAAAAGTTCCAGCCGGGGGGAAGGACGGA ACGAGGAGGGGAAAAGGGGAAAAAGAGACAGGAAGAGTAAAGAGGGAGAG AAGGGACAAGAAAATGGGGAAAAGGAAGGAAGGAGAAAAAAAAAGGGGGC GAGACTTAAAGAGGGAGAGAAGGAAGACCGGAGGGCCGGAACCAGGAGAG AAAGAAAGAAGACGAGAACAAAAAAAAGGAATTCCAAGGAACCAAACGGA GAGGACCAGGAAGGGCCAAGGGAAGAGAAGGGAGAAACCTTAAAGGAAGA AAGAGGGAGGGGGAAAGAAACAAAAGGAAGAGACCCCAAAAGGAGAAAAA AAAAACCAACACAAGGACAAAGAACAAGGGAGAAGGGAAGCGAGGGAGGG GAGAGGAGAAGGGGGGAAAAAGGAGGAAGAACCAAGGGACCGGAGGGCC AGCCAGGGGAGGGGCCGGCCGAACGAAAGAGGCCAGGGGGGGAACCAAA GCCAAAGGCAAAAGGAAAAAGCCGAGAGGAAGACCAGGGAAAAAAGAAGG GGGCAGGGAAAGGAAGGGGGAGAGGGGAGGGGGAGGAGGAAAGACGACC GGAGAGGGGGAAACGAAGAGAAGAGGCCGGGGAAGGGGAACAAGGAGAA AAGAGAGAAGAACCCCCGGGACAAAAAGGGGAAGAGGGGAAGGAAGGGGG GAAGGGACCAGAAACAGGGAGAAAAGGGGAAAAGGAAAAGGGGCAGAGAA GAGAGAGCCAAGGAAGGGGGGGAAAGGGGGGAAGGAAGAAGGAAAAAGA GGGGAAAAAAAAAACCCCAAAGGGAAGGGGGGCAAAGGCCAAGGGGGAAG GGCAGAAAAGGGGGAAGGAGAGCAGAAGAAGACCGAAAGAAAAAGGACAG GAAAAGAGCCGGGGAAGAAGAAGGGAGACCGGGGGGGGAAAAGGAGACA AGAGGACAAGAAGAAGAAAGAGAGGCCAGAGCGGGGGAGAAGGGGACGG GAGGAGGAGGAGAGAGGGGGAAGGGGGGAAGAGAAAAAGAAAAGGGGGC CGAAAAGAAGGGAAGCGGAAACCGGAAAAGGAAAGACGAGAACAAGGGGA AACGGCCAGGGGAGAGGACAGAAAGACAGGGGGAAAACCGGAGAGGGAAG AAAAGTTGGAAGAAGGAAAAGACAAGGAAAAAGGGCCCCGGAAAAGGAAG GAGGGAAGGAACCAAAAAAAGGAGGAGAAGAGAGGGGGGAGAAAGAGAGA AGGAGAGAGAAGGAGAAGAAAAGGAAAGGGGAGGGAAGGGACAAGGCGG G G G GA $\ln$ A G G G GAAGGGGACAGGGAGGGGGAAGGCCGGTTGGAAACAAA

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 A G G G G G A G G G G A G ACGGGAAAGGGGGGAAAAGGAACCAAGGAGGGGGAA AAAAGGACGAAAGAGAGAGAAAAAGGAAAAGGGAAAAAAAAAAAGGAAGG GGAGGAGGAGAGAAAAGAGGCCAAAGGAAGGAGAGGAAGAGGGAAGGGG GAAAGGGGAGGAAAGGGAAGGGGAGGAGGGGAGAGAGAAAAAAAAGGGA AAAAGGAAAAGGGGGGAAAAGGAGGGAGAGAGAAAAATGGAACCAAAGAG GGGGGGAACCAAGGAACCGCAGGGCCAGCCAAGGAGGGGGGGAAAAAAG GAACCAAAAAAGGAAGGGGCCGGAAGAGACCCCAAGGGGGGAAAATTGGA AGGAAGGGGAAGGAAAGGAGGGGGGCCCAAAGGGGAAGGGGAGGGGAAG AAAGGGGGAGAAAGGGCCAAAGGGCCGGAAAGAGGGAAAGGAAGGGAGG GGGAGGGAAAAGGAAAGAAGAAGGGAAGGAGGGGGAGAGATGAGGGAGA ACAAGGCCGGGGAAAGAGAAAGGAAGCAAAAAGGAAAAAGAAGGAAGGAA ACTTGGATGGCAAGAAAACAAAGAGAAAAAGGGGGGGGAGAGAAAAAAGG A GAGAGGGGACAGAGAGGAAGGGGCCAGAAACAGGGTTCAGGGGAAAACC AAAACCAAGGGGAAAAAAGGCAGGAAAAAAGGAAGGAAGGGGAAGGCCAC AACCGGAAAATAAGAAGGAGGAGACAAGAAGGAAAGCACAGGGGGAATGA CCGACCGGAAACGGAAAAAGGGGGCAGGAGAAGGAAGGCCAGAGGGAAAA CCGGGCAGGGAAAACAGGGGGAAGAGGGAGGAAGGAGAATGGAGAGGAG GAAAGGGAGAAGAGAAGGAAAAAAAAAAGGGGCCCAAACAAGAGGGGAAA GGGAGAAGGAAAAAAAATAGGAACCGGGAGAGCCCGACCAGGGAAAAAAA AAAGGAAAACCGGGGAAAAAAAACCGGCCGGAAAACCGGGGGGAAAAGGA AAAAAGGGGAAAAGGGGAAGGAAGAGGAAGGGGAGGAACAGGGGAGACA GGAAAGACGGAAGGAAGGGGAGGCAGAAGAAAGGTTAAAAGGGGCCAGG GAGCAGGAGAAAAAAAAGGCCAGGGAAGGGGAAAGCGGGAAAACCCCAAG G G G GAAGAGGGGGAAGGAGAGAGCCAAAAAAGGAAGGGGAAGAAGAAAAA AAAGGCCGGGGAACCGGGGGGAAGGAGGGGACCGCCAGGGGAAGAGGAA CAAGAAGAGGAGGGGGAAGGAGAAAGGAGAAAAAGGAGGGGGGGGGGAG GAACCAAGGCAGGGGACGACAAGCCGGGAAGAAAAGACCAAGGAGAAAAA AAAGGGGTTAGAAAAAAAACAACAATACCAAGAGGAGGAGACAGGGGAAC CGAAGGGAAGGAAAATTCCCCAAGGGGGGAGAAAGAGGGGACAGAAACAA CAACCGGAGAACCAAGGGAAGAAGGGGGGGGGGCCACAAGAAAGGAAAAT TGGGGGGGGGGAAAAGGAAGGAAGAGACAGAAACCGAGAAAGGAGGGGA GACAGGGGGGAAAAGGAAGAAACCAAGGCCAACAAAGGGGCCAGGGACAA GGCCGAGGAACCAAGGGGAAGGAAGAGATAGACAGGAAGAGGGAGGAGAC GAGACCGGGGGGAGAAGGGGCCGGAGGGAATACATTGGAAAAAAGGAAG G GAA $A$ A $\operatorname{GAGGAGGGGGACCAAGAAGGAGAGGACAAAGGGAAGAGGGGAG}$ GAAAAAGGAGACATGAGAAAAAGGAAGGGGAAAAAAAAAAGGAACCCCGA GGACCAAAAGGAGGGGGGAGAGCAAGAAGGGAGAGAGAAGGAGAGAACA GCAA GCGGAGGGGGGGGAACCAAAAGGGGCCGGGGCCGAGGACAGCCCC AAGAAAGGAAGGGGTTAAGGTTACGGACAAGGGGGGGAGGAAAGAAGGAA

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 AGGAAAAACACAGAAGGGAAGAAGGAGAGAGAGGGAAAAGAAGGAAGGGG G G A A G GAAGGGGGAAGGAAAAGAAAGGAAAGGAGAGGAAGGGAAAGGAC AGAGAAAAGACCGGGAAGCAAGAAGGAAAAAGGGAAGGCCAGGGGGCCGG AAGGGAAAAAGAGGGGAAAAGGGGGAAAAAGAGAGAGAACACAAGGAGAA TTGGGGGGAACCAAAGGAAGGGGGGGGGACGGGGAGCAAGGGAGAGAAA GCCGGAAGACCAAGGGGAGGGGAAAAAGGAAGGAAAGCCGGAAAAAGGGA GGGAGAAAGGAAAAGGGACACAGAAAAGGAAGGGAGAAGCCAAGGAAACG GAAAGAGGGGGAGAAGAAAGGGGAGGAAGCCAGGGGGAAGGGGGAAAAG ACGGAGGGGGAAGGAATTAAGAGGGGGGCCGGAAGGAAGGAGGGGGAAA AACACGGAGGGAGGGAGAAAGGGGAAGCCAAGGGGCCCCGGGAAACCGG G G G G G GACGGGGAAGGGGAGGAGAGCACGGGGAGAGAAAACCGGAAGGA GGGAAACAGAAAGAGGGGGAGAAAAGGAGAAAAAAGGGAGGAAGGAAGGA AGAGAAGCCCCGGAAAGGAAGACCCAGGGAGAAGGAAGGGGGAGGAAGGA GAGGGGGAGAAAGACGGGGAGAGAACCGAACGGACAAGGAAAAACGGAAA AGGAACCGGAGGGCCGGGGAGGGGAACAGGGCCGGGGGAGGGGAAGGAG G GACAGGAGGAACCAGGGGGGGAGAAGGGGGGGAGGGGGAGAGAGGAAA AAAAAGAGGGGAAGGACAGAGAGGGGGAAGAACGGGAGACCAAAAGAAAC CAGAAGAGAAGGGGGAAACGAAAAGGGAACCAAAAGGGGGGAAAAAAGGA AGGGGGGAAGGAAGGAATTGGGGCCGGAAGGAACCAAGGGGGGAAAACC AA G GAAAGGGAGAAGACCAAAAGGGGAGAAAGAGAAGAGGGGAGGGGGG GAAAAGGAGGGCCAGCCGGAGAGCAGGGAACCCGGGGAGGGAACCAGAAA GGAAGGGAAGGAGAAGAGGGAAGAGAGTAGGAAGAGGCAAAGAGGGGGG AAAGGAGGGAAAGAAAAAGGTTGGAAAAGGGGGGGGGAACGGGGGGAAG GAGAGAAGGACGGGGAGAGGGAAGAAAAGGGAGACAAGGCCAAAAAAGGA AAACAAAAAAAGGGGAGGGAAGGGGCCGACAGAAAGGGGAAGGCCAAATC CAAGGAAGGGGGAAAGAAAAAGGGGAAGGGAAACCGGGGAGGGGGCAAC AAAAACAAAAGGAAAGCCGGCAGGAAAAGGTACCAGAAAAAGAAGGAAAA ACGGAGAAAAGGACCCGACCAAGGCCAAAAGGACAAGGAGGGAGGGAGGG AGACCCAAAAGAGGGGAGCCAGAAAAAAGGAAGAAAAAGGGGACGAGGAG AGAAGAGGAAAAAAAAAACAAAGGGGGAGACAGGAAGGCCGGAAAAGGGG G GAAAGAAGACCAAAACCAAAACCAACAAAAGGAGGGGGGAAAAGGGGGG CCACAAAAGGAAAAGGGAGACCAGGGAGAGAGCAAACGACAGAAAAGGGA GAAAAAGGCCGGGGAAAAAAAAAAAAAAAAGGAAAGGAGGGGAACCAGAA GGGGAGGGAAGGGACCGGGGACAAAGGAAACCCCAAACGGGAAAGGAAGG CACCAAAGGAAAAAAAAAAAAGGAAGGGCCACAAAAGAGGAGGGGGAAAA AAGGGGAAGGGGGGAAGGGAGATTGGGGAACAAAAAAAGGAAAACCAAAG AAAAGGGGGAATAAAAAAGGCAAACCGGAGACACAAAAACGGAAGGAAAA G G G G A A G G G G G G G G A GAAAAGACAGAACGGGAAAAAGGGGGAGGGGGAG G G G G G A G G G C C A G G A G A G A G G A A G G G G G G G G G G A GAA G G G G G GAAAACC GGGGCCGGAACCAAAAACGAGGCCACGGAAGAACAAGGGGGGAAGGGCGG G G G A A G A G A A A A A A G G G G G GCCAGAAGGAAGAGGGACCAAGGAGCCGGG G G G CA G G CAAAAGAGACGAAGGGAAAAAACCGGAAAAGGCCGGGAAAGGC CCAGGGGAAAAACGAAAAAAAGGAGAAGAAACCCCCCGACAAAGGAAGAG G GAA G G GAAAAGGAGAGAAAACCAACCAAAACCGGAAGGCCGGGGCCAAG GAAGGCCGGAAGGAAAAAAAAGGCCGGAACCAAGGAAAACCGGGGGGCCG GAAAACCAAAAAAAAAAGGGGGGGGGGGGAAAAGGAAGGGAAAAGTTCCA AGAGGGGCCAACCGGGAGGAAAGGAGGAGAAAAAGGGGAAAGGCCGGAA GAGGAAAAAAGGCCCCGGCCAGAGGATTAAGACAAGACAGAAGGAACCCA GGGGACGATTAGAAAAACAAAAAGACAAAAGAAAAACCAGAAAAAGGGGA CAAAGGGGCCGGGGAGGGCCGGAAAAGAGGGGAGGGGGGGGAGAAAAAA GAAGGGGGGGAAAGAGGGGAAAGACAAAACCAACCAAAACCGGACGAAGA AGAGGGGGGGGAAGGAACCCCAAGGAAGGAAAACAAAAGGGAAAAGGGGG GAATTAAAAAAAAGGAAAACCGGGGGAAGAGACCCGGAACAAAAAAACCG

G G G G G A A G G G GAGCCGGGGAACAGGAAAAAAGGAAAGGGGAAGGGAGCG AAAAGAGGAAAAGGGGAGAAGGGGAAAACCAGAGGACAAAAAGGCAGGTA GACCCCGGGGAAGGACGACAAGCCAACCGGAAGGAGGGGGAGAAACGGAA CCGAGAATAGAGAAGAGGAGGGAAGGAAAAGAGGAAAAGGGAGAGAAACC G G G GAGAATTGGAGAAAGGGACGAACACAGAGACAGCAAGTAGGGGGAAA A G G G GCA $\operatorname{Cl}$ GGGGAAGAGAGGGGGGAAGGAAAAGGAAGGGGGGACAAAGG AGAAAAAGGAGCGGGAAAAAGAAAGGGGAAAGAGGAAGATAAGAACAAAG GAACCAAGGGGAAGAAAGAAGGAAAGGGGAGGGGGCCGGAGGAGGAAAG GAGGGGAACCAGAGGGAGAAGGAGGAAAAAAGAAGGGGGGAAAAAAAAGG TTAAAGGGAAAAGGAGAGGGAAAGAGAACCAACCGGGAAGGGACACGGGG GGAAGGAACCGGAGAGAGGAGGGGCCAGGAGAAGGGGAGAGAAAAAGAG GGAGGAAGGGGGGAAGGAGCAAACAAGAAAAGGAGAAGGGGAAGGAAAAA GAGGGGAGAGAAAAAAAGGAAAAAAGGAAAATTAAGGAAGGAAGGGACAG GGACAAGAGAGATGGAAAAGGGGAGAGAACCAGAAAGAAGAGGAACAGAG G G G GACCAGGGGGAGGGAAGAGGCAGGGAAACGGACCAAAAAAAAGACCC CCCGGCAAGAGCAAGGGATGACAAACAGGGGCCAGGGAAGGAGGGAACGG A G G G G G G G GAAACGAAAAAGGAGACAAAGAAGGAAAAGAAAGAAGAACCA AGGCAGGAAAGAGGAAAGAGGGGAAGGGGGGCCGGAAGACCGAAGCGAG GAAGGACCAGGGGAGGGAGGGGAGCAGGAAGGGAAAAAGGAGACAAGGA AAACAGAGGAAGGGAACGGGACCGGCCCCAGAGGGGAAGAACCAAAAAAG GCCAAGGAAAACCAACAGGAAAAGGAAGGGGAGCAAAGGAGGAGGAGGAG A GATTGGAGCGGAAAGGGACGGACAAGAGCAGAAGGAAGAAAAGGCAAAG GAGGGAAGGAGGGGGGAGGTAGAAGGGAAGGAAGGAAAAAACCAAAAAAG G G G G G CCGGAAGGAAAAAAGGGGGGAGAAGGGAAAAACCGGGGAAAAGA GAGGGGAGGGAAGGCAAGAAGGCCAAGGGGAAAAAAAGAAGGAAGGGAG GGGGGAAAAAGAGAGACGGAAAGGAGGAGAAGGGGGGGGCAGAAAGGCC GGGGAAAGAAAGCCGGAGAAGAGGTTAGGGGGGGAAGGCCAAAGGAAAA GCCGGGAGACCCCGGAACCGGGGAAGAGGGGCAAGAAGAGGCCAGAACAG GAGGGAAGGAGACAAAAGAAAGAAAGAGAAACACAGGGAGGGGCAAAGGG GGGGGAAAAAAGGCCGAAACCATAGGGCAGAGAAAAGCCGGAAAAAAGGC CAAAACCGAGGCCGGGGAGGACCGGAAAGAAAGAAAGAAAACCAAAGACA A G G GAGGGGACAGAGGGGGGGAGGGAACAGACCAAGGAGAGAGGAAGAC GAAGAACAGGGGAAGGAAAAGAAAAGGGCCAAAAAAAAAACCGGAGGAGG GAGAACGGGAAGAAGGAACGAAAAGAGAGGAAAAAGGGAAGGGGAAAACA GAAAGGGACAGGAGCAGAAAAAGGGGAGAAGGAAAAGGGGAGAAGGCCAA AACAAAAAAGAGAAGGCCGGCAGACCGGGGGAAAGGAAGGGGGGAATTGG GGAAAAAAAACCAAAACCAAAAAATTCCAAAACCAAGGGGAAGGAAAAAAA ACCAAGGAAGGGGGGAAGGGGCCAAGGCCGGAAAAGGAAGGAAAAGGAAC CCCAAGGGGCCCCAAGGCCGGAACCGGGGAAGGAAGGCCAAAAAAGAGGA
 AAGGAAAAAAGGCCAAAAAAGAGGGGAGAAAAAGAGACGGGGAGGGAAAG AAAGGGGGGGAAGAGCAGCAAGAGAGAACAGGAGAAAGGAAACCAAAAGA GGAGAAAGGGAGGGAAGGGGGGACGGAGGGCAGAAGCACCGGCGACGGG GAAAAAAGGGGCCGGGAGGGGGGCAGGAAGGGGGGGGAAAGAAAAAAGA GGGGAAGACCGGGGAAGGAAAACCGACCGAGGCAAAAAAAGAGGGGGGAG GGGGAAGGAAGGAACCCCAAAAAAGGGGCCGGGGCCGGAACCGAAAACAA GGAAAGGGGAGGCCGAGAGGAAAGGAAAGAGGGAGGCGGAGAAGAGGAA AAAGGAAGGAAAAATAAAACAGGGGCAGAAGGGAGCAGACAGGAAACAGG G G GAACAGGGACGGAGAAGAGCCTTAACCAAAACCAAAGGGAAAAAGAGG G G G G G G G G GAAGGAGGAGAAGGAAAAAAAGGAGACGGAACCAAAGAGGA GAGGAGAGAAAGAGAGAAGAAAGGGCGGAAGAAAGAGGGGAGGGGACAG GCCAAAAAAAAAACCGGCCAGAGAAGGAGGGAAACAGGGAAACGAAAGAA AA $\operatorname{A} A A A G A A A G G G G G A A C A G G C C A G C A G G A G A G G G G G A G A G G G G A G G G A$ A G G G G G A A A G G G G G GAA G G G G G G G A A G GAA G G G GCAGCGAAGATAGGAA AGAAGAACAAAAAAAGGGGGAAAGAAGAGGGGGGAGGAACAAGAGAAAGA AAAACGGCAGAAGGAGAAGGGAGAGAAGGAGGGAAAAAAGGAATTAGCAG ACGGGAAGAAACAGAGAAAGGAGCCGGGAAAGGGACCAAGGAGGAGGCCA GCCAAAGAAGGGGAAAAGGAACCAAAGGGAGGGGGAAGGAAGGAAAAGGG G G G G G G A G G G G A G GAA G G A A A C CA $\operatorname{A}$ GGAGAAGGGGGGAAGGGAGGGGGG GAGAGAACAAACAAAAGGCCGGAAAAGGGGGGAAAAGGAGGGAGGAAGGG AAAGAGGAAAAGAAAGACAAGGGGGAAGGGGGAGGAAGAGGGAGAAAAG

GAGAGAGGACAGAGACCAAGGGGAAAGTTGAAGCCAGAAGAAAGGGGAAC CAAGGAAAAAAAAAGAGCACAGGGGGACAAAGACAAAGAGAAGCAAAGGA GAACAGCGGCCGGGGAAAAAGGGGGAAGGAAGGGAGGCCCCAAAACCAAA GAGAGGGAGGAGGGAAGGAGAAAAAGGAAGGCCGGACCCGGGAGCAGGG ACCCCGGGGGAAAACCGGGGAAGGGGGGACAAGGGGAAGGAGGGGACAA A G G G GA G GAAGGGGGCCAAAAGGGGAAAACCGAGGAAGGCCGGGAAGAA ACGGAAAACCGAAAAAAACCGGCCAACCAACCAGAAAAAAAGCCAAAAGAG AAGGGGGGGGGAAAGGGATAAACGAAGGGGGGGGGGGGGGGGGAAAAAA TTAAAAGGAAGAAGGGAGGGGGAAAAGGCAAAAAAGGGGAAACCGGGGAA GAAAGAGGCCGGCAAAAAAAAAAGGAGGGGGAGACAAAAAGGAGGGCCGA GGGGGGAACCAGACAGAAAGAAAGGGAAAAGAGGGGAGGGAAGGAAGAG GAAAAAGGGAGAAAAGATTGACAGAAGGGAAATGGCCAGCAAAAGGGAAC CGGGGAGTTACGGAAAAGAAAAAGAGGGGAAGGGAAAAAGGAGAAGAAAA AAAAAGGGGAAGGGGGGCCAGAGAGAAAGGGGGGGGGAAGAGACCAAAA GGGGAAAAGCGGAAAGAGCAGGAGAGGGAGAAGAGAGGTTAAGGGGAAA AGGAAGGACAAAGCCCCAGGGGAGAAGAGGAAGGACCAGCAGGAACCGGA AAACCAGGGAGGGAAGGCCGGAGGGGGAAAAAGGGACCCGGGGACAAAG GGAAAGAAGGAAGGGGCCCCAAGGAAGGGAACAGGGAGGGGGAAAGAGA AAGAAAGGGGAGAGAAGGAAGAACCGACCGGGGGGAGAAAAAGCACACCC AACACGGGGGGGGGAGGCGAGAAAAGAAGCAAGGAGAGAAGGACACAGAG AAGGGACCAAGAAGGAAGGGGAAGGGGAAAGCCGAGGGGAGGGAAAGGG GGGGAGGGGGGCGGGGAGGGCCGGCCAACAGGAAAAGGAAAAGGAAGGG GAGGGACGAAGAGGGCCGGAAAGACGGAAGAGGCAGAGGCCAGGGGACC GGAGCCGGGAGGGAAGGGGAGAAAGAGGGGAACCGAAAAAGGAACCGAG GCCGGCCAAAAGGGGGAAAGAAAAGCCAGGGAAGAGAGGGGGGGGAACCA AAAAAAAGGGGGGGGAAAAAAAAAAGGGGAAAAAGGAAAGAAAGGAGAAG GAAAAAACAAACCGAGAAAGGAAGGGAAAGAAACCCCAAGGGGAGGGAAA CGGAAGGAAGGGGGAACCCGGGGAGGAAAGAGGAGGGGGAAGAAAGGGG GAGGAAGGCCAAGGAGGGAGCAAAAGGGAAGGAAGAAATTGGGGAAAAAA AAAAGGAAAAGGGGAAGAACAAGGCCGGGAAAGAGGACACAGACCAGGAA AAGGGGAACCAAGGAAAGGGGGGGGGGAAACCGGAAAGGAGGAGAAAAA GAAAAAAAAGGAAAAAAGGCCAAGGGGGGGGAACAAAAGGGAGAAAAAAA GAGTAAAGAAAGAATAAACAACCGGCCAAGGGGAGAAACAAAAGGAAAAG GAAAAGGGGGGGGGGGGAAAAAAAAAAGGGGAAAAGGAGTAGGAACAAG GGCAGGCCGAAGAAGGGGGGCCGGAAAAAGGGAGCCGGGAGGGAGGAGA AAGGAAGGAAAAAGAAAGGCAGGAAAGAGAAGGCAGGGGAAGAGGAAAAG GGGGAAAAAAAGGAGGGAAGGGAGGAAGAGGGGAGGGCCAACCAAGGGG CCGAGGGGAAAGGGGGGGAAAAAAAAAAGGGAGAAGGGGAGGGGGGCCA AGGACGGGGGGGACCGGGGGAGAGAAAAACCAGCCTAAAAAGAGGGAAGG GAGAGAGGGAAAAGGGGGGGGGGAAAAGGGGGGGGACAGGGCCAAGGAC AACACAGGCCCCAAGAGGGGAGGGGGGGGAAGGGGGAAAGACAGGGAGG GGGAAGGGAGGATAAGGAAAAAGAGCAGACCAAAAGGGGAAAACCAGAGG GGGAAAAAAACAGAAGGGGAAGGAGAGGGGGGAGGGGCCAAAGAAAAGA GGGAAACCAGAAGACCAAAAGGAGGGAAAAGGGGGGAAGGACAAAAAAAA AAAAAGGGGGCCGGGACAAAAAAAAAGGAAAAGAGGGGGGAGGGGGAAAA ACGCGGGGCAGGAGGAGAGAGGGGGACCAGGAAACGAAAGGAGGAAGGG GAACCCCGGAGAAAAAGAAAAGGGAAAGGGGGAGGAGGAGAGAGAGGGG GGAACCAAAAGAAAGAGACCAAAGGGAAGAGAAAAGACACAAGGAGGAAC GAGGGAAGCAGAAGGAGAGAAGGGAATAGAGGGGGGGAGAAAGAGGAAA GAAGGAAGAAACAAAGAAGGAGAGGGATTCCCCAGGGCACAACCCAGCCG GGGGGAAACGGAAGAGAAGAGCACGGAGGAGAACCACGGAACAGGAAGAG GAAGGAGAGGAGGGGGGGGAAGAGGGGAAGGGGAAAAGGGGGGAAGGGG CCAGGGGGGGGGCCGAGGGAAGAAGAAAGGGGGGAGGGGCTTCCGGGAG GGAGGCCAACCCCGGAGAGAAGGGGCCAACCAAGGGGGGAGGAAGTAAGA AGGGGAAAAAAAAAAGGAAGGAAAAGGGGGGAAGGTTAAAACCGAAAGGA AAAAGCAGAAAGGAAGGGAGGAGCCGGGGGAAAAGCCCAGAAGAAAGAAC CGGACGAAAGGCCAACCGGGGAAGGGGCCGAAGGAGGGGGGGACCGGGG GGGAGGAGCAAAGGAGAAGAAAGACCGGAGCAAGGGGGGAGAGGAAAGG GGGAAGGCCAGGGAAAAAAGGAAGGAGAGGGGGGGAAGGGGGGGGGGAG AATTAAGGAACCGGAAAGACAGAGACGGAAGGGAGGAAAGGAGAAGACAG GAGAAGACGGAAAGAAAAGACCAAAGAAACAAGAAGAGAGGGCAGGAGGG

GGCCGGCAGGAAGGGGGGAAAAAGAAGGTACACAAACCGGAGAGGGGGCC
 A G G G G G G G A G G G G A A A GAGGAAGAGGGGAAAAGCGGACAAAGGAAGGGA GAAGAAGGAGGGATCCAAAAGGAGGAAAGGGGAGGGGGGAAGGGAGGAG AGGGGCCAAAACAGGGGAAAAGAGCCAAGAAGGGGAAAAGGGGGGAAAGG GCCAAGAAAGGGAAAGGGAAAGGAGGGAAAATAAGCCGAAAAGCATTCCA ACCAACAAAAGAGAACAGGAAAGAAACAATTAGGGGGAAGGGGAAGGACG G G G G G A A A A G G GAGGAAAAGGAAGGAGAGGAAAAAGAGGGGAAGGGGAA AAAAAAGGGGGGGGAAAAAAAGACAAAAGGAATAAAGGAAGAGAAGACGG A G GACGCAAGGAGAGGGGAAGGGGAAAGGGCGGAGGGGGGGGAAGAGGG AAAAGGGACGGCCGGGGAAGGCCAACCGGGGGGGGGAAGAGAAGGGGAA AAAAAAGGGGAAAAAGAAGGAAGGGGGGGGGGAAGGGGAAAAGGGGAAG GAACCGGGGGGGGAAGGAAAAAAGGCAGACCGGGGAACCGGAGGCGGGG AAAAGGGGGGAGGAGGGGGAAAGGACACACGGGAGAAAAAACGAAGGGAA CCGGGAGGAAAGGAGAGGAAAAGGCCAACAGGGGCAAAAAAGAGGAAGAG AAACAGAAAGAGGGGGGGCCAAAAAAGGAAGGCCGAGAAACAGGGGAAAG A GCCGGAGGAAGGGGGAGGGGGAGGGAGAGGGGGGGGGCCGGGGAAGGG
 GAAAAAAGAGAGAGAAGGCCGAACCCAAGAAAGGGGAACCGGGGAAAAGA AGGGGAAAGGGGGAAGAAGAAAAAGAAGGGGACCGGAAAAGGAAGGGGG G G G G G G G G ACCAGAAGGGAGGCCGGGGGGGGAAAAAAGGGGAAAAGGAA G G G GAAACAAAAGGACAAAAAGAAAGGGGGCACCAAAAAACAGGGGGGGG GAAAAAAAAAGGGGGGGGTAGGGGGAAAGGCAAGAGAGGAGGAGAAAAA GAAAAACAGCAAAGGGGGAGAACAGAAGAGAGAGAGGGAGGGCAGGGGG GGGGAAAAGAGGCAAAGAAAAGAAAAACCCGGGGGGGAGAGACCAAAGAC CCAAGGGGAAGAAGAACAGGCAGGGAAGAGAGAGAGGAGGCAAAAGAAAA CATTGAGGAAAAGGTTAAGGGGCCAAGGGGCCGGGGAAAAGGAAGGGGG G G G G G G G G GAAGGAAGGGGAACCGGGGGGAAGGAAAAGGAAAAGGAAGG AAGGAAGGAAGGAAAACCAAAAGGAACCAAGGGGGGGGGGCCAAAAAAAA AA $\operatorname{A} G \mathrm{G}$ GCCGGGGGGAAGGAAGGAAAAGGAAGGAAGGGGGGGGGGAAGGT TCCGGGGGGAAGGGGAAAAAAAAAAAGGGGGGGGGGGGAAAAGGAAGGCC GGCCAAAAGGAAAAGGAAGGAACCAAGGGGAAAAAAAAAAGGGGAAAAAA AACCAAAAGGAAAAAAGGGGAAAAAAAAAAAAAAAAAGGAAAGGAACAAG AAGGAAAACCGGGGAACACCAAGAAAAAGCGGGAAAGAAAAAGGGGGGGG GAAAAAGGCCGGAGAAAGAGGAGGGGGAAGAAGGCCCCAATTGGAAGGAA AGAGGAAAGAAACAGGAACCGGGAGAAGAAAAGGCCAAGGAAAAAACCAC AAAAAAGGGGGGGGAAGGGGAAGGGAGAGGAAAAGAAGGGAAAGAGAAC C G G G G G G G G G G G G GAAAAGAAAAAAGGAGCCAAAAGGAAGGGGAAAGAA AAGGAGAAAAGGGGACAGAAGGAGGAAAAAGGAAAGCAAAAGGAGGCCAA A G G GCCAA G G GACCGGGCGAAGAGGGGGGGGAAAGGAGGGCGGGCCAGG GAGAAAGGGGGAAGGGGGGGGGGGGAGAAAAGGAAGGGGAGCAAGGGGA AAGGAAGGCCGAGAGGAAGGAAAAAAAAGGAAGGAAGAGGAGAAAAGAGA AAGGGAAAACTTACGGAGGGCAGAGGGGAAAAAAAAAAAAAAAAGGAGCA ACCAAAGGAAAAGGAAAGGGGAGGGGGAGGAGCAGGGGAGAGAAGAACG GGAGGCCCAAAAGGGAAAAAAAAGGAAAAGAAAGACCAGGGGAGAGAAAA AGGAGGAAACCGGGGGACCGAGAAAGGAGGAGGGGCCGGAGAAAAGGGA AAAAAAGGAAGGAGAAAAGGAAAAAAAAGAGGCCAGAAAGGGAGGGGAAA ACGGAGGGGAAAGGGGGAGAGGGGGGGGAGGGGGGGAGGAAAAАТТССА AAAAACAAAAGAGGAAGCAGGCCGGGGGGGGGGCCAAGGGGGGGGAAAA G G G G G GAA G G A G CCGAAGGAAGGGAAGGGGGATAACGAAAGAGGAAGGA ACCCCAACCAAGGGGAAAAGGAAGGGGAAGGGGAGGGAAGGAAGAAGAGG AA GCAGACAAGGAGAGGGGAACCGGAAAAGGAAAAAGAGACGAGACCAGA GAGACAGAAGAAAGGAGAAAAAAAGCCGGGGAAGAGGAGACCACACAAAA AA GAGAAAAACAAACAAGGAGCCGACCGGAGCCGGAGGGGGAAGGGGCCA CAAGGCAAAGGAAGGGAGGAGGGGGAAGGGGGGGGGAGGAAAAGGACGA GA $\operatorname{G} A \operatorname{AGGGGGCCGGGGGGGGCCAAGGAAAAAAGGAAGGGGAGGAAAGGG}$ GAGCCAAAGGAAGGGGGAGAAAGAGCACACAGGAAAAGGGGAAGGAAAGG AGAAGAGAACAGAAAAAAAAAGAATGGAACAACACGGGGAAAAAAAAAAG GAAAAAGAGGAGAAGCGGGACGGAAAAGGAAAACCCCGGGGAAAAAGAAG GAACAAGGGGGGGGAAAAGGGGGAAAAATCAGGGACCGGAGGAAGAAGG GAGAGGGGGGGGGGACAAAGACGAAAAAAAGAAGGGCCGGGGAAAGGGA

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AA G G G GCCAAAAAAGGAAAAAAGGAAGGGGGGGGGGGGGGGGGGAAGGG GGGAAGGAAGGGGAAGGAAGGGGGGAAGGAAGGAAAAGGAAGGAAGGAA AA G G G GAAAAGGAAAAGGAAAAAAAAGGCCGGAAGGGGAAGGCCGGGGGA AAGAAAAAGAGGGGGGCCGGCCACAAAAAAAAGGGGAAGGGAAAACAAAG A G G G G ACCCCAAGGAGGGAAGGCAAGAGCAGGGGGGGGAAGGACGAGAG G G G CCGAGGAAAAAAGGAAGGGAGGAAAAAGAGGAGGGGAAGAGGGAAC G G G GAA G GAGCAGGCCAAAAGGAGGGGAGGGGAAGAAACAAGGACAGAG GGGAAGGACGGGGAGAAGAGAAGAAAAAAACAAGGAAAACCGGGGAAGGA AAAAAAAAAGGAACCAAAAGGAAGGCCGGAACCAAGGCCAAAAGGAAAAA AAAGGGGAAGGGGGGAAAAGGGGAAAACCAAAAGGGGGGAAGGGGAAGG GGCCGGCCAAGGAAAAGGCCGGAACCAAAAAAGGGGAAAAAAGGGGAAGG GGAAGGAAAAGGGGGGCCGGGGGGAACCAAAGGGGAAGGAGGAGAAAGG GGGGGAACAAAGGAAGGGGCCGGGGGAGAGGGGGAGGAAGGCAAGGGAA GAGGGGGGGGAAGAAGGGAGGAAGGAGAGAGAAAAAAGGAGGAAAAAGG AGGGGAGAACGGGAGAAAAAGGGGGAGAAGGCCCCAGAGAAAATTGACAG AATGGAAAGAAAAGCAAAAGAGGGAGAGGAAGGAACAGGCCGGAGGGAAG GAGAGCCAAAAAACCAACCAACCGGAAGGAAGAGGAGAAAAAAAAGGGGG GCACACCAAGGAACCGAAAAGCAGGGGGGCCAACCGGGGAAGGGGAAAAA AAAAAAAGGAAAAGAAGAGGAGGGAGGGGCGCCAAGGTTGAACAAGGGGA AGGAGAAGGAAGGGACCGGAAAACCGGGGAAAAGGAAGGGGAAGGCCGG AA G G G G G G G GAAAAGGGGCCGGAAGGAAAAGGAACCCCAAGGAAAAAAGG AAAAAAAAAATTGGAAAAAAAAAAAAAAGGAAAAGGGGAAAAGGAAAAAAA
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G GAGGGGGGGGAAAGAAGGAAAGGAGACCAAGGCCAGAAGGAAAACCCAG GAGAGCAGGAGAGGAGGGGCCAAAAAAGACAAAAGAAAGGAGGAAAAGGA AGGAGAAGAAAGAAAAAAAAGAAGGAAAGGAGGCCAAGGAAAACCAAGGG G G G C CAA G G G G G GCCAAAACCAAGGGGAGAAGGAAGGGGAAGAGAAAGA G G G GAGAAGGGGGGAAGGAAGGGGGGAAAAAAAAGGAAGAGAAAAGAGG AGGCAAAGGAACCCCACGAAGGGCCGGAGCACAAGAAAAAAAAAAGGCAG GGGAAGGAAAACCAAAACAAGACAGAGAGAGAAAAGGGACAAACCGGAAC CGGGGGGAAGGCCAAAGAGGGGGGGCGAAAACCGAAAGGAAGGCAGAGG GAGACCGGGGAAAGCCAAAAGGAGGACCGGGAAAAGGCATGCAAAAAAGA GGGGGGCCAAGAAAAAGGCCGGCAGACGAACCGGAAGGAGAACCGAAGAA AGAAAGCCGGAGAAGAACGGAGAGAATAGGGAAAGGGGGGCCAAGGGAG GGAAAGGGGGGAAAGGGGGAGGAGACCAGGGCCACCCGGAAGGACGGGA AAAGGGGGAGAAAAAAAGAGAGTAAAGGAAACGAAAGAGACAAGGGGGAA AGACAAAAAATTAGCCGGCAGGGAAGAAAAAAGGCGAGGAACGAGAGGGG ACAGGGGGGGAAGGCAAAGAGAGAGGAAGGGACCAAGAAAGGGGGGGAG GAAAAAGAAAAGAGAAGGGAGAAAAAGGGGGCAACCCAACCGAAAAAGAG GCCAAGGGGAGCCAGAAAAAAGGAAAAGGAACCAGGGAGGACAGGAGAAA GAGAACCAGGAGAGGCAAAAATTACAAAGGGAAGGGAAGGGAAGGGGGGA CGAGGGACAAGGGGGAAGGAACCCCAAGACAAAGGGGAAGCGAAAGGGAC CAAAGAAAGAAGGAAGGAGGGAAAAAAAACCGAAAAAGGGAAGGAAAAAG AGGAGGGACAAAGGGAGAAAAGGGAGGGAGCGAGGAGAAGGAAGAGAGG AA $\operatorname{G} G \mathrm{G} A \mathrm{GG} \mathrm{GC}$ GAAGAAGAAGCCCCAAGACAGAGGGAAGACCAAGACGGGG GAAAGGGAGGGCAGACAGCAACGCGACAAGGGAGGAGGAGAGGAGGTAA
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 AA $\operatorname{GGGGAGAGGGGAAAAAAAAGCCCAGGAAAAGGGGAAGGAAGGAGGGAA}$ GGCCAAGGGGGGGGAGACCCCCACGAGGAGAAAAGAGGCCAACAAAGGAG AA G GAGGAAGGGAAAAACGGCCGGAACCGGAAGGAAGAGGGGGGGAAGA
 A G G G GAGGCAGGGAAGAAAAACCGACCAGAGGAGCGAGGACAGGGGGGG AA $\operatorname{l}$ GAGGAGAGGGAAAGGAGAAGGGGAAAAGGAACCGGGGGGGGAAGGC CGGGGAAGGAAAAGGTTAAAAAACCCCGGGGAAGGAAGGGGGGGGAAAAA A G G G G G G A A G G G G G G G GAAGGAAAAGGGGAAAAGGGGAAAAAAGAAAAA AGGGGAAGAAAAAACGACGGAAAGGGGGGGAAGAGGAGGGGGGGGGAAA AAAAAAGGGAAGAGGGGAAAAAGAAAGGGCCACAAGGGGACCAAAAAGAC CAAGGGGGAAAAAGGGGGGCAAAAAAAGGAAGGGAGGGGGGGAGACCGA

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$28111000-9$ GAGGGGACGGAAGGGGAAGGGGGAAAAAGGGGCCAAAGAACC CCCCAAGGGGGGCCGGAAGGAAGGCCAAAAGGAACCAAAAGGGGAAAAGG AACCGGGGGAAAAAAGGGCCGGGGGAGGACAAGGAAGGGGAAGGAAGGA GAGACGGAGCAAGGGGGAACAAAGGGAGGAAGGACAAAACCGGGGAAAAG AAAGGGAGAAACCAACCAGACAAGGGAAAGGGGAAGAGGGGGGACAGCCG GGAGGAAAAGGGGGGGGGGGGGGGAAAGGGGCCGAAAAAGGAAGGGGAA

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G G ACCAAAAAAAAGGGGAATAAGGAAGGAGAAGAGAAAAAGGGGGAGAAA A G G G GCCGGGGAGGGCAAACCGGGGAGGGGGGAAGGAGGGGACGGGAAA GAAAAGGGGGGGGGGGAGGGAGAATTAAAAAAGGGGGAGGAAAACCAAAA AAGAAGAAGGAAAAAAAAAGACCCGCGGGAAGAAAAGGGAAGAAAGAAGA TTGGAGGACCGGAAGGACCCAAGAAGACGAAAGAGGGAAACAAAAGAAGA CAGGGAAGAAGATAAAGAAAAGGCAAACGGAGCCAAACAAAAAGCCAAGG G G C CAA G GAAGAAAGGCAAAAGGAAGAAGGCCAAGAGAAGAGCACCCCAG ACCCACGGCAAGGAAAAAGGTTGAGGGGCCGGCAGAGGAAAAGAAAAAAA G GCCAAAAGAAGGAGGAGATAGGAAAAGCCAAGGAGAAGAGGAAAAGGAA GGAAGAAAAAAAAGAAAGACAAGGAAAAAAGGAAAACCAAAAAAAGGGAG AAAAACCCGGAAGGCGAAAACAGAAGAGGAAAAAAAAAAAAAGGAAAAAA AAAGGAGAAAAAGAAAAAAAAAGGAAGGGAAAAGAGGGGGGGAGAAGGAC GAGGGGGGAAGGACGGAAGGAACCCCGGAGAAGGAAGAAACAGGAGACGA AGAGAGAGAAGGCCAGGGAAGGGAAGGAGAAAGGGGAAAAAAGGCAAAAG CCCCGGAAGGGGCCAGGAAGCCGGAAAAGGGGCCGGGGCCGGAAAAGGAA GGAACCGGGGAAAAAACCGGCCGGGGAAAAAACCGGGGGGGGAAAAGGG GAAAAGGCCAAGGAAGGAAAAAAAAAACCAAGGGGCCGGAAGGAAAAAAA AGGAAGGAAGGAAGGAAGGGGGGGGGGAAAAGGTTAAGGAAAAGGGGAA AA $\operatorname{G} \operatorname{GGGGGGGGGGGAAGGAAAAGGGGGGAACAAAGGAAAAAAAGAAGGA~}$ G G G G G G G A A G G G GAAGGCCAGGGCAAGGAAAGAGGGGCCGAAAGGCCGG AAGGAAAAGGAAAAAGAGTTAAAGCCAAAAAAAAAAAGACAAAGAACCAAA ACCAAGGGGAGCCGAAGCCTTCCAAGGAAGGAAAAAACGACGGGGCAGAG GAAGGAAAAAGAAGGGGTTGGGGAAAAAACCGGAACCGGAAGACCAAGAA G GAA G GAGGGGGGCCTTGGGGAGGAACGGGGAAGGAGAGAAAAGGGGGG GAAAAAAAGGGGGGGAGACAGAGGGACAACGAGGGAAGAGAAGGCCAACC AA $\operatorname{l}$ GGGGGAAGGGGAAGGGGGGGAGGAAAGGGGGGGAAAACCGAGAACG AACAGAAGGAAGAAAGAAACCGGAAAAAGAACAGGAAGAAAACAGAGGGG GGGTAAGAAAAGGAACCGAAGAAAACCAATTGGGGGGAAGGAAAAAAGGC CAAAAAAAGAAAAACGGGGGAGAAACCCATACCGGGGAAGGTTAACCCCA AAAAAACGAGAGGAGGGGGAAAAAATACAAAGGAAGGGGGGAACCAGAAG GGGAAAACCGGAAAAGGAAAGAAAAAAAAAGAGAAAGGGAGGGAGGGAAA GAAGGAAGGCAGGAAAAAGGGGGAAGAGGGAAGGAAAGGGGGGAGGGAA AAAAGGGGGGGGAAGGAAAAAAGGAGAAAAAAGGGGAAGGAAGGGGAAAA AAA $\operatorname{A}$ GAGGGGGGGGAGATGGGGATGGGGGGAAGGAAGAGAGAAAGGCCC AAAAGAGCCAAGAGGAACCGGAAAATTAAGAAATTTACCGGAAAAGGGGA AGGAAAAGAGGAGAAGGGGTTCCAAGGCCAATACCGGGGCAGGAAGGAAG ACAAAGGAACCAAAAAACCAAGGAAACGAAAGGAGGGAGAACCAGAAAAC A G G G G CAAA $A$ AAAAA $A \operatorname{GGGGGGGAGCCCGGGGGCGAAAAGGGACCAAGG}$ G GAGGGGGAACAGAGGGAAAGGGAAAGGGGGAAGAAAGAAGGAACCAAG GGGAACAGGATACGGACAACCGAAAAGAAAAAGAAAAAGAGAAAAAAAAA CGGGGGGGGAAAGAGGGGGAAAAGGAAAAGGGGCAAGGGAACAGAATAA CCAGCCGAGGAAAAAAGGAAGGAAAAGGAAAAGGAAAAGGAAGGACGAAG GAAGGGAGCCCAGGAAGACCAGGGGGAAACGGGGAGAACCGGGAAGAAAA A GAGGGGAAAGGGAGGAGAAGGGGGGGGGGGGGGAAGGTAAAGGAAGGG GAAAGCCAAGGGGCCGGATAGGGGGACGGGGGACCGAACCAGAAGCACAA CCCAAAGTATTGGAAAAGGCAGAAAGGGAGGAGGGCACAAAGAAAGGGGG GAAGGGGAAAGGAGGAAAAAAACAAAAGGGAAAAAGGCCGGAAGGGGGGA AAAAAGGCCGACCAAGGGGGGAAAGGAAGGGAGGGAAGGGGCCAAGGTT G G G G G G A A G GCCGGGGGGAGAAAGGGGGAAGGCACAAGAGGGAGCAGAG GAAAACCAAACGGTTGGAAGGAAGGAAAAAAGGAACCAAAAGGGGGGAAA AAA $\operatorname{G} G \mathrm{G}$ GAA $\operatorname{G} G \mathrm{G}$ GAAGGAAGGGACCGGGGGAGGGAGAACCCCCAAAATTG GAAGGAAAAGGAAGAGGAAGGGGGACCGGGGGGGGAAAAAAAGAGAGAG AGCACAGGAAGGAGAGGAAGGCCAAGGAGAGGAGGGAACCAAAAAGGGCC AAAAAGAACCAAAAACAGGGACAGCCAAAAAAGGGGCCAGGGGGGAGGAA AA G GCCGGAGGGGGGGAGAAAGAAGGCGAAGGGGAACGAGCCAGAAAACC AGTAGAACGGACGGAAAAGGAAAAAAAGGGAGAGAGACAGGGAAAAAAAA GGAAAAGGAAAAAAAAGGCCGGGGAAGGGAGGGGGGAAGGCCAGAGCGC
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AAGCCCAGAAGACAGCAGAAAAGCCAGCCAACAAGCCGGAAAGAGAAGAA GAGGAAGAGGAAGCATAAGAGGAGAAAAAAAGAACGAAGCAAGACGGAGA AAAGGCCGGGGGAAGACAGGGAAAAGGGGGGCCCACCGAGAAAGAGAAGG GAACCGGCAAAAAGGAAGGGGGGTTAAAAAACCCCGGCCGGAAAAAACCA AGAGGGAAAAGAAAAAAAAGGAAGGGGTTAAAAAAGGGAAAGGGGGAAAG GGGCAGGCCAGGAGGGGGGGGGGGACCGGAACCAGACGGAAGGAAGGCC GGAAGGAACCGGAAAAGGAAGGGGGGAAAAAACCGGAAAAGGAAAAAAAA AAAAGGAATTCCAAAAAAAAAAGGGGAAAACCAAAAAACCGGAAAAAAGGA AAAAAGGCCCCGGTTGGAAAAAAAAGGGGGGGGGGAAAAGGAACCCCAAA AAAGGGGGGGGAAGGAACCAAGGTTAAGGGGAAGGGGAAGGGGAAGGGG AA G GAATTGGAAGGAAGGAAGGCCGGAAGGAAGGGGGGGGAACCGGGGA ACCAAAACCAAGGCCGGCCAAGGGGAAGGGGAACCCCGGGGGGGGGGGG GGAAGGAAAAAAGGAAAAGGAAGGAAAAAAGGAAGGAAAAGGCCAAAAGG AAAAGGCCAAGGCCAAAAGGCCGGAAAATTGGGGGGAAGGAAAAAAAAAA CCCCAAGGGGAACCGGAACCAATTAAAACCAGGAAGAAGAGGAAAAGGGA AAAGGGGGGGGGCAGGGGAAAAGGAAAAGGAAGGGAAAAAGGGGAGGAG AGAAAGGGAAACCAAGGGGAGAACACCGGAGACAGGAAGAGGAGGGGAGG A GACAGGAAAAAGGAGGAAGGGAGGACGGGGAGTTAAGGGAGGAGGGCG AA G G GAA GGAAAGGCCAAGGGGGGGGAAGAAAGGGGGGAGCCGGAAGGA GGGAGAGCCAAAGAGGGAAGAGGGGGGAAGACCAAAAAAGGAAGGAAGGA AAAGAACGGAAAAGGAGCAGGAAGGAACCGGGGCCAGGGCAAAGGGGAAG GGGAAAGGAAAAAGGAAGGAACAAGGGCCGGGGCCAAGGAAGGGGGGAA AACCCCAAAGAGAAGGGGCCAAGGTAAAAGGGAATAAGATCCGGACGGGG GGAAAGCCGGAAGGGGAAAGAGGGGAGGAGAAAAAAGGCCGGGAGGAGT AGAGGAGGAAAAAAGAGAACAGGAAAAGGAGGAGAGGAAGGAAGGAAAAA AA GAAAGAGAAGGGGCCTTGAAGAGGGAGGGAAGGGAAACCGGAGGGCC GGAACCAGGAGAGAAAGAAAAAGGCCGGGAACGAGGAAAAGGCAATCCCA GGAAGGAACCGGGGAAGGACGGGAGGGGCCGAAGAAGGGGCAGAAAGGA AACTTGAAGGAAGAGGGGGGGGGGGGGGAAGGGAAAAGAGGAAGGAACC CCGACAGGAGGAAAAGAGAAAAGAAACAGGAAAAGAAACCCAGGGAAAAG GGAAGCGAGGAAAGAGAGAGGAGAAGAGGAAAAAAAAGAGGAGGAACCAA GGGACCGGAGAGCCAGCCAGGGAAAGAGCCGGCCGACCAAGAAAGGCCGG GGGGGGCACCAAGGCCAAGGGCAAAAGGAAAAGGCCAAAAGGGAGACCGG AGGGAACAGAAGAGGGAAGGAAAAGGAAGGGGGAAAGGGGGGGGAGGGA AAGGAGGCCAACCAGAGGGGGAGGACCAAGGAGGAGAGGGCAGAGCAAGA GAACAGGAAAAAAAGAGAGCAGAAAACCCAGGACAGAAAAGAGGAAAAGG GAAGGAAGGGGGGAAAGAACCAGGAACGGGGGGGAGAAGAGAAAAAGAA GAGGAGCAGAGAGGAGAGAGCCGAAGGAGGGGAGAAGAGGGGAGAAGGG AGAAGGAAACAAAAGAGAAAAAAAAAACCCCAAGGGGGAGGAGGGAAAAA GCCAAGGAGGAGGAGAAGAAAGGGGGGAAAGAGAGCAAAGGGAGAACAAA AGAGAGAGGACAGAAGAAGAGCCGGGGAAGAAGGAAGGAGACCAGGGGG GAAAGAGGAGACAAGAGGAAAAGGGGAGAAGAGGGAGGCCGGAGCGGAA GAGAGGGGGACAGAAGGAGGAGGGGAGGGGGGGAAGGGGGGAAGAGAAA GAAAAAGGGAGACCGAAAGGAAAGAAGGCCAAAAACGGAAAAGGAAGGCC AAAAACAAGGAGGAACGGACGGGGGAGAGGACAGAAAGCCGGGAGGAAAA CCGGGGAGAGAAGAAAGGTTAGAAGAAGGAAAAGACAAGGAAAAAGGGCC CCGGAAGAGGAAGGAGGGAAGGAACCAAAAAAAGGAAGAGAGGAAAGGGA GGAGAAGGAAAGCAGAGGGGGGCAGGAGCAAAAAGGAAGAAGGGAGAAAA AGAAAAAAGGGGAGAGAGAGAGAGAGGGAGACGGAGAGGGGGAAGGCCG GTTGGAAACAAAAAAGAAGGAAAGGGAAGAAGGAAGAGGGAGACACAGGA AAAAGAAGGAGAAAAGAAAGAGGGGAAAAAGGGGGGGCCAGCCCCGAGAA AGGAAAAAGCAAGGGAGGAGAGAGAAGAGGGAACCAGAAAAAGGGGGAAG GACAAAAGGAAGAGAAACAAAAAAAAAGGAAGGGAAAAGGGGGGGGGAGG GAGGGGGAAAGCGAAAGCCAAAACCAAGGAAGGAAAAGGGAAAAGAAACG AGGCCAAGAAAAAACAAAGAAAAAAAAGGAAGAAGGGAGGAGGGGGGAAG GAAGGGAAACCAGACGAAGCCGGCCGGGGGGAAGGGGGAGAAAAGGAAG GGGAACGAAGGGAAAAAACCAAAAGGGGGGAAAAAGAGCCGAGAAAGGAA AAAGTAGGAGGGACCCGGGGGAGGAGAGAAGGAGGGCCAGGAAAAAAGA GGGGAAGGAAAGGAAGGGGGGAAAAGGGGAAGAAGAGAGAAAAAAGAAA GGCAGGAAGAGGGGGGCCGGGGAGCCGGAAAGAAACAAGAGGAACCAAGA AAGGAGGGAAGGGGAACCGACCCCGGAAAGGGGGAAAAAAACATAAAGCC

AA G GAGGGCCGAGGAAGGAAGGAAGGGAGGGGAAAAAGGGAAGGGAAAG GGGGAAGGACAGGAACAGGGGGGGGGGGGAAGGGGGGAATTGGAGAAGA AACCAAAGGGAACCGAAAAACCAGAGAAAAAAAAAAAAAGAAGAGAAAGG GGACGAGAAAGGCAGGAAAAGGAGAGGGGGGGAAGGAAAAGAAAGGCGC CGGGGAAGAGAGAGAAGGGTTGGAAAAGAAGAAAAAAGGAAGGTTAACCA ACCCCCCAAAAGGAGGGGGAGGGGGCCAAAGGGGAGGGAAGGCCCGAAAC CGGAAGGAAGGGGAAGAGGAAGAAGAGAGAGGGGGAAAAGGAACCAAAAC CAGGACCGGAAAACCGAAAAGACCCGCGACCGGAGAAGGGAAAGAGGGGC CAAACGAGGAAAGAAGAGGGAGGCAAGCCGGAAGGAAGAGCGGAGGAAAA GAAGAGAAGAAAAAGGAAGGAGGGAAGGGGAGAGAAGGAGAAGACACGAG GAGGGGGAAGGGGAAGGGGGGCCGGAAAAGGAGCGAAAAGGAACCAAGG AGGGGGCAGAAGGGCCAAAAGAAAGGAACAAAAGCAAAAGAAAAGAGAAA AGGGAGGGGGGGAAGGAGGGGAGAGAGGCCAAAAGGGGGGGAGGAAGGG GAAAGGGAGAAGGGGGAGAAAAGAGAAGGGGAAAAGGGCAGGGAGAAAA AAAAAGAAAAAAGGAAAAGGGGAGGAGAGGAGGGAGGGGGGAGAATGAA GACAAAGGGGGGGGGAACCAAGAAGCACCGGGGCCAGCCAAGGAGAGGG GGAAGAGAAGAGCCAACAACAGAAGGCGCCGGGAGAGACCCCAAGGGGGG AAAATTGGAAGGAAGGGGAAGGAAGGAAGGGGGGCCAAAAGGGGCAAGG GGGAGAAAGAGGGAGAGGGGAAGGGACGAAGGACAAGCAGGGGGGGAGG AAGGGAAGAGGGGGGGAAACGGAAGGAAAAGGAGGAGGGGGGGGAGAGA TAAGGGAAACCAAGACAGGGGAAGGAGAAGGGAAGCAAAAAGGAAAAAGA AA $\operatorname{GAA}$ GGAAACTTGAATGGAAGGAAAAAAAGAAGAAAAAGGGGGGGGAAG GAAAAAAGGGGGGGGGGAACCAAGGGGAAGGGGCCAAAACCGGGGTTAA GGGGAAAACCAAAACCAGGGGGAAAAAAGGCAAGGAGACAAGAAAGAAAG AGAAGGCCACAACCGAAAAGTTGGAAGGAAGGGGCCAAAAGGAAAACCAA GGGGAATTGACCGACCGGAAACGGAAAAGGGGAGCAGGAGAAGGAAGGAC AGAGGGAAAACCAGGCAGGGAGAGAAAGGGAAAAAGGGGGAAAGAAAAAA GGAGGGAAAGGAGGGGAGAAGAGAAGAAAAAGGAAAAGAGGGCCAAAAAA GAGGGGAAGGAGAGAAGGGAAAAAAATAGGAACCGGGAGAGCCCGACCAG GGAAAAAAAAAAGGAAAACCAGAGAGAAAAAGCCGGCCGGAAAACCGGGG GGAAAAAGAAAAAAGGGGAAAAGGAGGAGGGAGAAGAAAGAGAGGAACAG GGGAGACAGGAAAGACGGAAGGAAGGGAGGCCAAAAGGAAGGTTAAAAGG GGCCGGGGAGCAGGAGGAAAAAGAAGCCAGAAAGGAGGAAGGGGGGAAA ACCGGAACCGGGAGGGGGGGGAAGGGGGGGGCCGAAAGAGAAAGGGGAG AAAGGGGAGAGGAAAAGGAAGGAAAAAAAACCGGGGGGGGCCGCAAAGGG AAAAGGAAAAAAAAAAGGAAGGAACAAGGGAAAGGAGAAAGAAAAGGGGG GGGGGAGGAAACAAGGCCGGGGAAAAAAGGCCGGGAAGAAAAGGCCAAGG AGAAAAAAAAGGGGTTGGAAAACAAACACCAATTCCAAGGGGAAAAAACC GGGGAACCAAAAGGAAGGGAGATTACCCAAAGGGGGGGGAAGGGGGGAC AGACACAACGACCGGAGGACCAAGGGAAGCAGGGGGGAGGACCACAAGAG AA GCAGAATAGGGAGAGAGGAGAGGGAGGAGAAAACAAAGACCGAGAAAG GGGAGGAGAAAAGCGGGGAGAAGAAGAAACCAAAGACAACCAAGGGGCCG GGGCCGAAGACGAGGAACCAAGGGGAAGGCCAAAAAAAAAAAGAAAAGGG AAGAGCCGAAAAACCAAGGGGAAAGAGCCGGGGGGAGAAAAATAGGAAAG GAAGAAGAAAGAGAGGAAAAGAACCGAAAGGGAAAGGCCGAGGGGGGAAG GAGAGGAAAAAAAGGCCATGAGAAAAAAAGGAAGGAAGAAAAAAAGGAAC CCCGGGAACCAAGAAGAAGAGGGAGGGAAAGAGGGGGGAAAGAAGGGGG AACCAGAAGGGGGAGGGGGGGGAAACGGAAGGGGCAGGGGCCGAGAAAA GCCCCGAGAGAAGGAGGGGTAACGGTTCCGGACAAGGGGGGAAGAAGGG AAGAAAAAAAGAAACCGGAGGGGGGAGGAGAAAGGGAGCAAGGAAGGAAA AGAACCGGGAGAGGAAGAAGAAAAGGAAAGAAAGGAAAGGAAAGGGGACA AAGGGGAAAGAGGAACGAAGGGGGAGGGCAGAAAAAGGCAGGGGGGAAC CAAGGAAAAAGAACCAAAAAAGGAATTAAAAGGAAGGGGAAAAAAGGCCG GGGAGCAAGGAAAGAGAAGGGAGGGGGAGAGAGACGAGGGGAGGAGGAG ACGGAATTGGGAAGGGAAGAAAAGAGGAGGGGGGAACCAAAGCCGAAGGG CCGAGGGACAGGAGGACAGGGAAGACCCGAAGGGGAAAGAAAGGGAGGG AAAGGGGAGAAGGGGGGAAGGGGGGCCGGAAGGCAAGGAAGAAGGGGAA GGGGCAAGAAAACCCCGGAAGGAAAGGAGGAGGGAGAGGGAAAAAAGGAA GGGGGGGAAGGAAGCGGGAAGGAAAAGAGAGGAAAGGGGGGGAAGGGAA AGGACAGAGAAAAGAACGGAAAACAAGAAGGAAAAGGGGAAGGCCGGGGG GCCGGAAGGAAAAAAGAGGGGGAAAGGGGGAAAGAGAAAGAGGCCAAAAG

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AAAAGGAGGGGAAAAAAAGAAAGGAAACAAGGAAGATTAAGGGAGGAAGG AAAAGGAAAAAGAGAAATGGAATAGGGGGGGGAACCAGAAAGCAGAGGAA CA $\ln A \operatorname{GGGGGAACAGGGGGGGGGGAAAGGAAGGAAAAGGAACCAAAAGAAA}$ AACCCCAAAGCAAAAAAAGGGGTTGAAAAAAAAGGGCCAGAGCAGGAAGG AACGAAGGAGGGGGAACCGAAAGGGGGGCCGGGGGACGGAAAGGAAGGA AAACCAAGGAAGGAAAGGGGAAAGGGGGGAAGGGGAAGGAGGGAAGGAA G G G GA GAAAGGACCGGAGAAAAGAAGGGGGCAGGCAGGAAAAAAGGGGC CCCAAAAACAAGAGGAAGGAAACGGAACCGGAACCAGGGGGGAAGAGCCA CCAAAGGCCAAGGAAAACCCCAAGGAAAAAGAAGGGGAGAAAAGGAGGAG GAGGAGAGATTGGAGCGGAGAAGGACGGACAAGAGCAGAGGAAAGAAGAG GAAAAGGAGGGGACGGGGGAGGAGGAAAAGGAGAAGGAAGGGAGAAACC AAAAAAGGGGGGCCGGAAGGAGAAGAGGAGAGGGGAAAGGGGGACCAAA GGAAAGGGGGGGGGGGAAAGGAAGGAAGGAAAAGGGGCAAAAAGGAGGG AAAAGGAGAGGGCCCCGGAAAAAAAGCAAAAAGGAGGAAGGGGGGGAAAA AAAACCAGGGGAGGAAAACCAGAGAAGAGGTTGGGGGGGGAAGGCCAGG GAAAAGGACAGGAGACCACAGAACCGGGGAAAAAGAGAAAGAAGAAGACG GGACCAAAGGGGAGGGGCCGAAAAAAAAAAAAAGAAAAAAAGGGAGGGGC CAAGGGGGGGGAAAAAAAGCCGAAACCATAGGGCAAAAAGAGGCCGGACA AAAAGCCCAGAACGAGGCCGGGGGGAACCGGAAGGAAAGGAGGAATAACG AGGCCCCAGGAGGGGCCGGGGAGGGGGAAAGAACCAAAAAAGGGGGGAA GGAAAAGAAGAAAAGGAGGAAAAACAAAGAGGAGCAAAGAAAGAAACCGG G GAA G GAAAACCGGGAGGGAAGCAGGAAAAAAAAGGAAAAGGGGAAGGGG AAAACAAAGAAGAAAAGAAGAAGGCAAAGGGGAGAAGGAAAAGGGGGGGA AGCCGAAACAAAAAGGGGAAGGCCGGCAAACCGAAGGAGGAAGAAGGGGG GATTGGGGCAGACAGACCAAGACAGAAAAATTCACAAAACGAAGAGAAGG AAAAGAGACCAAGGAAAGGGGGAGGGGGACCCGGCCAGAAAAGACAGAAA CCAACCAAAACAGGGGCCACGAGGCAAGGACCGGAGGAAGAGAAACCAGA GAGAAGAGGGAGAGGGAAAAGGAAGGGGGGGGGGAAGAAGAGCCAGCCG GAAGGAAAAGGAAAAAAGGCCCAAAGGAAGGGGGGCCAAGGAGCCGGGGG GGGAAGGCAGGGGGGGGAAAACCGGAAAGAGGGACCAAGGGAAAAGGCC AACCAAGGGAAGAAAAGGAAGGGAGGAGAGACGGAGAGCCGAAGCACCAG CGACAGGGAAGAAAGGGGAAGGGAGGAGGGAAGGAAGGGAGGGGGAGGA AAAAAGGGGCCAGAACCAGGGCAGGAACACCAACCAAGGAAAAAAAAGAA G G G G G G G A G G G G GAACCGACAACACGAGAAGGCGGCCGGAGACAGGACA AAAAACGAGGGAGGAGAAGGACGAGAGGAAAAGGAAAAGGAAGGGGAAGG G G G G G ATAAAGGGAAAGGAATTAAAACAGAAGCAGAAGGGAGCCGGAAGG AACCAGAGAGGACAAGGACGGGAAGGGGACATAACCCCGGCCAAAGGGAA A G A $\ln$ A G G G G G G GAGGACAGGAGGAGAAGGAAGAAAAGGAAAAGGAACCAA
 AGAAAAGCCAAAAAAAAAACCCCCCGGAGGGGGGGGGAAAAAAAGGAACG A GAGAAAAGGAAGAAAGGGGAAACAGGCCAGCAGGAAAGGGGGGGGGAA G G G G GAA $\operatorname{A}$ GAGGGAAGGGGGGAAGAGAGGGGGGGGAGAAGAACCGGAAA AAGGAAAGAGGAACAGAAAAAAGAGAAAAAAGGGGAAGGAAAAGACAGGG GAAGGAAGACCAACCGGGGAAAAAGGGGGAGGAAGAGGGAAGGGAAGGA TTAGCCAAGGGGAAAAAAAAAAGAAAGGGGCCGGGAGAAGAAACGACGGG GAAGCCGGACGAGGAAGGAGAAGGGGGAACCAGGAGGGGGGGAAAACAG AA G G A A G A A G G G G G G G G G GAGAAGGAAAAACAGGGAGAGAGGGAGAAAG AAGGGGGAAAGAGACCAGAAGAGAAGCCGGAAAAAGGGGGAAAAGGAGGG G GAAA GAGAGGGGGAAGGGGAAAACCAAAGGGGAAGAGGGAGGAGGAGG G G G AAAA G G G G G G G GAAAA G GAACCAAGGGGAAGGTTGGGGCCGGGGAA
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GAAGAGGAGAACCGGGGGGATACGGCAAAAAAAGAAAGGAGAAGGAAAAG AGGGGCAGATAGAGAAAAGAGAAGGGGGGCCAGAGAGAAGGAGGGGGGG AAGGGGACGAGACGGGGAAGCCGGAAGGGGCAGGAGAGGGAGAAAAAAA GTTAAAGAGGGGAGGAAGGACAAAGCCCCAGGGGAGAAGAGGAGGAACCG GCCGGAGACAAGGAACCGGGGAAGGAAGGCCGGGGAGGGGGAAAGGGCC CCGGAACCAAGGGGGGGGGAAGCCAGGGACACAAGGGAGGAAACGGAGA GAGGGAAGGGGCAGGAAGGGGGAGAAAGGAAGGAACCGACCGGAGAGGG AAGAGGAAAAAAAAACCCGGGAAAAAAAGGCGAGAAAAAAAGAAGGAAAA AAGGGAAACAAAAAGGAAACCAAGAGGGAAGAAAGGGGGGGGGGACAAAG A GA G G GAAA GGGGGGGAGGGAGGCGGGGAGGGCCGGCCAAAAGGAAAAA GGAAAGGAAGGAGAGAGACGAAGGGGGCCGGAGGGACAGGAGAGGAAGA GGCCAGGAGACCGGAGCCGGAAGGAAGGAGGAAAAAAAAGGGGAACAAAA AAAAAACCAAAGCCGGCCAAAAGGAGGAAAGAAAAGCCGGAGAAAAAAAG GGCGGGAACCAAAAAAGAGGAAAAGGAGCCTAAAGAAGGGGAGAGGAACA GAAAGGGGAAGGAAAAAAAAGACCAAGAAAGGAACGAAGAGAAAACCCGA AGGGAGGGAAACAGAAAGCAAGGGGAACCCGGGGAAGGAAGAGGAGAGG GAAAAAAGGGGAAGGAACCCCAAAGAGGGAGCAAAGGAGGAAGGAGAGAT TGGAGGGAAAAGAAAGGGGAAGGGGGGGACCGAAGCCAAGAAAAAAGCCC CGGCCAAGGAAGGAAGGGGAAAAGGAAGGGGGGGGAAAAGAACAGAAAG GAGGAGAAAAAGGACAGAAAAGAAAAGAAGACAACGAGCGGGGAAACAAG GGAAAAAAAAGGGGAAAAGAAAGAATAACCAACCGGCCAAGGAGGGAACC GGAAGAGAAAGGAGAAGGGGAGGAGGGGAACCTTAAGGAAGGAAGGGAG GAAGGAAAAGGGGCAGGACGAAAGGGGGGGGCCAGAAAAAGGGAGCCGG AA $\operatorname{l}$ GGAAGGGGAAGGAAGGAGAGGAAGGGGCCGGAAGGGGAAAGCAGGG GAAGAAGAAAAAGGGAAGAAAAAGGAGGGAAGGGAAGGAAAAAAAGGAGC CAACCGAAGAGCCGAGGAGAAGGGGAGGGAAAAAAAAAAGGGAAAAGGGG AAGAGGGCCAAGGCCGGAAAGGAAAGGGGGAGAAAAAAACCGGAAAAAAG GGGGAAAGGAAGGAGAGGGAAAAAGGGGGGGAGCAAAGAGAAGGGACAG GGACAAGGCCGGCAAAGGCCCCGGGAAGAAGGAAGGGGAAGGGAGGAAA GAAAAAGAGGGGGAGGGGAGGATAGGGGAGAAGAGCAGACCAAAAGGAG AACACCGGAGGGGGAAAAAAACAGGAAGGGGAGGAAAAGGGGGAGGGGC AGAGGGGAAGAGGAAAACCGGGGAACAGAGAGGGGCCGGGGAAAAGGAA AGCCAAGAGAGAAAGAAGAGAGACAAGACAGAAACCCAAGGAAAGAGGGG GGAGGGGGAAAAACGCGGAGAAGGGGAAAAAAGGGGAACCAGAAAACCCA GGGAAGGAAGAGAAAAAAGAAGAAGAAGCACAGGAAAAAGAGGAGGGGGA GAGAAAGGAGAGCAACGAGAAAAAAAGACCAAAGGGAAGAGAAAAGACAC ATGAAGGAACGAGGGAAGAAAAGGAAAAAAAGGGGATAAAAAGGAGGAGA CAGAAAGGGGGGGGAAAAAACAGAAAGGAAAAAGAAATCCACAGGGCACA ACCCAGCCGGGGGGGAACGGAAGAGAAGAGCAGGGAGGAGGACCACGGAA CAGGAAGAAGAAGGAGGGAAGGGGAGAGGGAAAGGAAGGGGGAAAAGGG GGGAAGGGGCCAGGGGGGGGGCCGAGGGAAGAAGGAAGGGGAGGGAGGG ATCCGGGAGGGAGGCAAACCACGGAAAGAAGGGGCCAACCAAGGGGGGGG AAGGAAGGCAAGAGGAGACAGAGAGAAGGGAACAAGAGGGAAAGTTGACA AAGAAAGGAAAAGGCAAAGAGGCCGGAAAGGGCCAGGGGAGAAGCCCCAA GGAAGGAACCGGCCAAAAGGCCAACCGGGGAAAGAGCCGAAGGAGGGGGG GGCCGGGGAGAAGGGGAAAAGGGGAAGAAAAACCGGAGAAAGGGGGGGA AGGCAAGAAGGAAGGCCGGGGAAGAAAGGAAGGGGGGGGAAAGGAAGAG AGGGGGGGGATTAAAGAACCGGAAAGACAAAAAAAGAAGGGAGGAAAAGA GAAGACAGGAGGAGACGGCCGGGGGAAACCAAGGAAAAAAGGGGAAGGAG AAGGGGGAGGCCGGCAGGAAGGAGAAAAAAGGAAGGAAAACCAAACGGAA AGGGGGCCCAGGGGGGAAGGGGGGAAGAAAGGAGGACGGGAAAGGGGGG GGGGGGGGAGGGAGGGAAGGGAAAGAAGAAGAAGGAAAAAGCGAAAAAA AGAAGGGAGAGGAAGGAAGGATCCGAAAGGAGGAGAGGAGGGAGGAGGA GAGAGAAGAGGAGCCAAAAAAGGGGAAGGGGGCCAAGAAAGAAAGGAAGG GAAAAAGGGCAAAAACAAGGAAAGGAAGAAGAGGGAAGATAAACCGAAAA GCCTTCCAGCCGACACAAGGGAACAGGGGGGAACCGGTAGGGGGGGGAAG AAAGACCGGGGAAGGAAGGGAAGGGAAAAGGAGAGAGAAGAGAGAAGGG GAAGGGGGAAGACAGGGGAGGGGAAAAAAGACAAGGGGAAAAAAAAAAGA GAAGACGGAGGACGCAAGGAGAAGGGAGAGAAAAGGAGGGGGGGAGAGA GGAAAAGGAAAGGGGCCGGCCGGGGGAGGCCAAGCAGGGAGAGGAGGGG AAAGGGAACAAACAAGAGGAGAGGGGGGGAAGGGGGGGGGCCAGAGGAA

A G GAGAGGGAACCGGAGGGGGGAGGGAGAGAGGAAGGCCGGGGAACCGG A GCCGGGGAAAAGGGGGGAAAAGGGGGGGGGGACACAAGGAAGAAAGAA AGAGGAGAACCAGAACGAAAGGAGAAGGAAAGGCCAAAAAAGGCAAAAAG G G G G A G G A GAAACAGAAAGGGAGGGGGCCGACAGAAGGAAGCCAAAAGAC A G G G G G G G G A G CCGGAGGAAGGGAGGGAGGGAGGGAAGGGGGGGGGGCC G G G G A A G G G G A G A GAAAAGGAAGAAGAGGGGAGGGAGGAAGAGGTTAAA AAGAGAGAGAAAAAAGGAGAGAGAAGGCCGACCACAAAAAGAGGGAAACA GAGGGGGAAGGGGGACCGGGGGAGGAAGGAAGAAAAGGGGACCGGCCCC AAAAAAAAGAGGAAGGGACCGGCCGGAAGGAAGAGAGAGAAGCAAGGAGG GAAAAGGAAGGGAAACAAAAAGCCAAGAAGGAGGGGGGCACCAAAAAAAA GGAAGGGGAAAAAAGGAAAAAGAGGGAAGGGGGAAAGGAAGGGGAAGGG GAAGAAAGGGAAAAAAAAAGAAGAGGGGGAAGGAAGAAAAAAAGGGGGGC CGGAGAAAAGGGGGAAAGGAAAAGAAAAGAAGAACAAGGGGGGAAAAAAA CAAGGCCAAGAAGAGGGAAGGAGCAGGAAAGGAAGAGGGAGGGAAGGCA GGGGAAAAAATTAAGGAGGAAGATGAGGGGACAGGGGGCCAAGAAAAGAG GAGGGGGGGGGAGAGAAGGAAAAGAAAAACGGAAGGGGAAGGGGGGGGA AGGGAGGAAAGAAGGAAGGAAAACCAAACGGAACCAAGGGGAGGGAGCCA AAAAAAAAAAGAGACGGGGGGAAGAGAAGAAAAGGAAGGAAGGGGGGGG G GCAGGTTACGGGGGGAAAGGGGAAAAAAACAAAGGGGGAGGGGAAAAA GAAGGACGGCCGAAGAAGGGAGGGAGGAGAATTGGGGATGGAAGGGGGG G G G GAAAAAAACGGAAGGGAGAGAGGGGGGAACACCAAAAGAAAAGGAAA GGAACCAAGAGGAACACCGGGGAAAAAAGAGAAGAAGCGGAAGAGAAAGA AGGGAGAGAAGATAGGCCAGGGGAAGGGGAGGGGAAGGAAGGCCACGAA TAGGAGGAAGGAGAAAAGAAAAAGGGAACGGAAGAAGAATAGGACGAAGA AAAAAAACCGAGAGAAGGGAGGGAAGGGGGAAGAAAAAGAAAAAAGGAGA
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CAAAAGGGGGGCCGGCCAAAAAAGGGGCCCCAAAAAAAAGGGGGGAAGGA ACCGGGGAAAACCGGGGAAAAGGGGAAAAGGGGAAGGAAGGGGAAAAGG GGAAAAAAGGGGGGTTAAAACCGGAAGGGGGGAAAAGGAAGGAAGGGGA AGGAAAAAAGGGGGGGGGGCCAAAAGGAGAATTAAGGGGGGAAAAAAAAA AAAAAGGGGAAAAGGCCAAGGGGGGAAGGAAGGGGCCAAAACCGGAAAAA GGATAGGGGAAGGGGAAAAGAAGGGAAAAAATTAAAAAAAAGAGGAGGAG GAAGGAGAAGGAAACGGGGGAAAAAAAAAAAAAAAAAAACCAGAGGAGAG GAGAAGAGGAAAGGACAAGGAAAAGAGACAGAAAAAGAGGGGAAAGAGAG GAGCAAAGGAGAGGAAAGGAAGGAGAGAAGGAGAAAAGGCCAAAAGAGGG GAAAATTGGGGGAGGAGAAGGAAAAAAGGAAAAGGGGAAGGGGGAACAGA AGAGAGGACAGAGGGAAAAACACATAAAAGGAGAAAATTAAGGGGCAGGA AAAAGACAGAGAGAGACCGGGAAAGCAGACCGGAAGAGAAACCGGGGGGA CGGGGGAGAGAACAAAGCGAAGGCCGGAAAGACAGGGGAGGGGGGGGAG CCGAAAGGGGAAAAAGGAGACAAAAGAGAAAAAGGAAAGGGGAGGGAAGG GGCCAGAAGAGGAGGGACAGAAAGGAGGAAGGAAGGAACAGGAAAGGAAG AGGAAAGGAACCAAAAAGAACACCCACAAAAGAAAAGGGGGAAAAGGGAC AAGGAAAACCGGAAGAGACCAAGAAAAAAAAACCCCGGGGCCGGCCAAGA AAAGGGAAACCAGGGGGGGGGGGGAAAAGGAAGAAGAAAGAGAAACGGG GGGAAGGAGCGGAAAAGGAGAGGAAAGGGAGGAACAAGAGAGGGGGGAG GGAAAGAAGGAAAGGGGGGAGGGAACCAAAAAGAAGGGGGAAGGGGAAC CAAGGAAAAGGAACCAAAAAAAAGGCCGGGGCCAAAAGGAAAAAACCGGA ACCGGAAGGAAAAGGCCAAAAAAAACCAAAAGGGGGGGGGGGGAAAAAAG GAAGGAAAACCAAAAGGGGAAAAGGAAAAAAAACCGGGGAAAAGGGGGGG GAAAAGGGGAACCCCAACCGGAAGGAAGGAAAAGATACAGGGAGAGAAAC CGGAGGAAACAGGAAGAAACCGGAAAAAAAGGGGGAGGGAAAAGGGGGAG AACCCGGCCAGAGAAGGAAGGGGAGCCGGGGAAGGCCAACAGGAGGAGAC CAAAAGGGACCCCGGAGAGGAAAGGGAACGGAAGAAGAGGGCCGGAAAGA ACCGGAAGGGGGAGAAGAGAGGGGGGGGGCAGACAAAAGGAGGGAGAAG GGGGGGAAGGGAAGCCCCGGCCGGCCGGAGGGGGAAAGAGGAAAAAAGG GACGGAGAAGGAACCAGAAAGAACCCCGAGGAAAGCCCCAACAGAAAGGC AGAAAAAGGGAAGGGAGAGAAGGGGAAAAACGGAAGGAAGGAGAGGGAAA GAAAACAGGGGAAGGAAGGGGGAAAGGAGGAGGGGAGGAGAGAGGGGGG GAAGAAGGAAGGGAAAGGGAAAGGAAAAAAAAGGCCGGGAGGGAAAAAGA AA G G G GAGAGGGGGAGGGAAAAAAGGGGGGGGGGAGGGAGAAGAAAAAG GGGGAGGGGGGGGGGAACAAAAAACAGGAAGGAAGACAGAACAACGGGG CCAGAAGAAGGGCGAGAGGGCAGGAACCGGAAGGGGGGGGCCGGAAAAA AAAGGGGGGAAAACCAAAAGAGAAAGGGGAAAGAGGGAAAAAACCACCCA GCCCAACGAGGAACAAGGAAGTTGGGGGGGGAGAAAGGGAAAAAAAAGGG AGGTTGAGGGAGGGGGGAGAGAGAAGGCAAGACAAGAGGGGCCGGAGGG AAAACCAAGGGGGGAAGGAAAAAAGGGGGGGGCCAAGGCCAAGGGGGGA AAACCAAGGCCCCCCAACCGAAACCAAAAAGAAAAGAGAGGGGAAAAGGG GCCGGGGAACCGGAGAGAAGGAAAAGGGGGGCCAAGACCAAAAGGAACCC CGGAAAGAAAGGGCCGAACCCAGAAGAGGAAGGGGAAGGGAAGCCAGCAA AGGAGGAAAAAAAGGAGCCGGCCGGAAGGGGGGGAGGAGCCGACCGGGG GGAACAGGAAAAGGACAGGAGAAAGGGGGGGAAAGAGGAGAAAAAAGGG GGGCCGGAAGAGAAAGGAGGAGGAGAAGGAGGAGGCCAAAAAAGGAGAG AAGAGGACGGAAGGGAGAGGAAGGGAAAAGCAAAAAGGGGAGGGAGAGA ACAGGGGAAAAACGAAGAAAGAGAAAACCACGGGACCGGGGATGGAAAGA AGAAAAGAAGGGGAAGGACGAGGGGGAAGGAGGAAAGAGGAAGGGAGAA AA $\operatorname{la} A \operatorname{GCC}$ CAAAGAGGAAGGAAGGAGGGAGAGGGAGGGGGAAGGGAGGA GGGGGGGGGGGGGAAGGGGGGAAAGAAAGGAGGGGGAGGAAGGAAAAAA GGAAAAGGGAAGAAAAAGGAGGCCGGAGCCGGCAGGGGGAAGAAAGGGG AAAAAGAGGAAGAAGAGCAGAACCCAAAAAAAAGGAGAAGGGAAACCGGA GAGGGGACCCCAAGGGGGGAGGGCAAGAGAAGGAGAAAAGGGGCCGAGA AAAAAAGGAAGGGAGAAGAAGGAAAGAGAAAGAGGAGAGGGGGAGGAACC GGGGAAGGGGCCGGCCGAAAAGAAGGGAAGGGGAGAAACAAGGACAAAG GGGAAGAACGGGGAGAAAAGGGGAAAAAAACAAGGAGGGAAAGGGGGGG GAAAGAGAAAGGGAACGGAAAGCAGGACAAGACCAAGGACAGGGGGACAA AAAAAGGGGGAGAGGGGAAAGGGGGGAACCGGGAAGAGGGAAGGGGCAG GGGAAGGCCCAAGGGCCGGACGGAGACAAGAAAGGAGGAAAGAAACCGGA AAAGGAAAAAGGGGGGGCCAGAAGGAAAAGGAGGAGAGGAAAGGGGAAG

A GAGAGGACAGAAGGAGGGGCCAGAGGAGAGGGGGAGGGGAGAAGGGGA A GAA $\ln A \mathrm{G} G \mathrm{G} G \mathrm{GAAAAGGGGGGAAGGAAAAAAAAAAAAGGAAGGAAAAGGA}$ AA $\operatorname{G} \operatorname{GGGGAACGGGAGGATTGGGAAGGGAAAGACACGGGGAAGATTGACAA~}$ ATTAGCAGGGGAACCGAGAAAAAAAAAGGAAGGGGAAGGCCGGGGGGAAG G G G G G ACGAAAAACCGACCAGCAGGAAGGAAGAGGGGAAAACAAAGGGGA GCACACCCAGGAACCGAAAGGCAGGGGGGCCAACCGGGGAAGGGGAAAAA AAAAAAAGGAAAAGAAGAGGAGGGAGGGGGGCCAACGATAACCAAGGGGA AA GAAAAGGAAGGGACCGGCAAGACGAGAAAAAGGAAAGAGAAGGACAGA AA G G G G G G GAAAAGGCGCCAGGAGGAAAAGGAACACCAAGGAGAGAGAGA TAAAGAGAATTGGACAAAAAGGAAAAAGGGAACGAGGAAAAGGAGACGAA A G G G G G G G G G GAA G GAAGGGGAAGGAAGGGGAACCGGAAGGGGAACCTT AAGGGGAGAAGAAAAGGAGGAAGGAGAAACAGAGAGAAAGAGCCAGAAAA GGCCAGAGGACCAAAAAAGGAAGAAAGGGAAAGGCCTTGAGAAGACAACA AGGAACGGGAAAAAGGAAAGGAACAAAAGGAAAGGACCGGGGGGAAGGAA GGCCAAGAAAAGGAAAAAAAGGGGAAGGCCAAAGGAAAAAGGGGGGAAAG GAAGCCGGAGGGCAAGAGGGGGGGAAGGGAGGAAAGGAAAGGAGGAAAA GAGGGGGAAGGGGGGAAAAAAAGGAGAAGCCGAAGGAAGAAGGAACCGAC AA $\operatorname{A} C A G G G A A A A C C A A A G G G G G G G G G G A A A A G A G G A A G G G G A G G A G G G G$ AACCGGAGGGAGGGAGAGGGGGGAAGAAGGGGACGAGGGGGGCCGGAGC AGGAGAGACAGGAAAAAAAAAGGGGGGCCACAGGAGGGAAGCCGAAGGAA CGACCGGGGAAAAGGAAAACCAAACCAACGGAGAGAAGAAAAAAAGGGGA AACAAGAGAAGAGGAAGGGAAAAAAGGACAGGGCCGGAAAAGGGGACAAA GACGGAAGGGGGGAAGGGGGACCGAAAAGGGAGAAAACCGGGGAGAAGG G GAA G GAA G G A A CCGGAAGACGCCAGAGCAGAGGGAAAGGGGGGGGGGA G GAGAAGGAGGAAGGAAAAAAGGGGAGGAGGGGGGAAGGGACAAGCCGG AAAACAAAGGATAGGAAAAGAGGGAAAACACCAAGAGGCCAGGGAAGGAA AAGGAAGGCCAACCCAAAGGAGGGAAGGGGGAGAGGCCGGGGGGAAAAA GGAAGAAAAGGAAGAGGAAGGGGAGCCGGAAGGAAGAGGCCAGACGGAG G G G G G G A A G G G G G GAGGATTACAAGGGGGGGGGGGAGGGGAGGGAAACG AGGAGGGAGGGAAAAAAAAGGGAAGAGAAACGGGGAACCACAGAAAGAAA ACCAAAGAAGGAAAAAAGGGGAGCCAGGGAAGGCCCCACAAGGAACAAGA AA $\operatorname{la} A \operatorname{AGGGGAGAGACAAAAAGAAAAAAGAGAGGCCGGGGGGGAGGAAGAA}$ CAGGGCCGAAGAGAGAAAGAGGAGGAAAAGGGGGGAGAGAAACAGAAAGG
 AGACGAAGAGGAAGAGAGAAAGCCGGAAGGAAAAGGAAAAGGAAAAGGAA GGAAAAAAAACCGGGGAAGGAAAAAAAGAGGGGGGAACGGAAGGAAGGAA AATTGGGGAAAGAGAGAAGGAAGGAAGGAACCAAGGGGGGCCGGAAGGG GAAGGGGCCAGAGCCAGGACCCCAAAAGGGGGAGGAGAGGGAGAAAAGGA AAAGGGGAAAAGGAGAAAGAAGGGACATTCCAGGAAAGGCCGGCCAAAAA
 GGGACAGAAGAAGGAAGAGGAGAGGGAAAGGGAAACGAGGAACCAAACAG A GAACCGGGGGGGGAACCAAAAGGAGAGAGAGAGAGACGGGGGGAAAGA AGGACGACCAGAGGAGAGAGAGGGGGGGAGGCCGGGGGGCCAGGAGACA GAAGGATTAAAACAGGAAAAGGAAGGGGAGGGGGGGGGAAAAAGACGGG GAAGAAAGGGGAAGGGAGAAAGGGAGAGGCCGGTTAAGGGGAAAACAGG GAAAGAGGGGAAGGAAGGAAAAAGAAAAAAGAAACCGAAAGGAAAAAAGG CCGGCCCCGAAAGGAGCCACGAAGAGAAAAGGAAGGGGGACCAAGGACGG GGAAAGGGAAAAGGAAGAGAGGAAAGACAGGGGGGGGAAAAAGAGGCAAA CCAGAGAGGGGGAGACGAAACCAAAAGGAAAAGGGGCCAGGGGGGGGGG GAAAAAAGGAAAGCCGAAATAGAAGGGAGGGCCGGAAGGAAGAAGCAGGG ACCAAGAAAGAGGCCAGCAGAGAAAGGGGCACCCCACAAAAAGGGGAAGA A G G G G G G GAGACCGGGGAAAAAAAGGAGGAAAGCAGGGGAAGGGGGGGA AGAAAAGGGGAAAAGGAGGAAAAAAACCAACCAACCAAAGGAGAGGGGGG
 G GCCCAGGAAAGAAAAAGAGAAAAGGACGAGGGGGGGGAAGGAAGAAATA GAAGGGGGGAAAAAAAAGAGAGATAAGGGGGGAGAAACAAAGAAAAGGGA AGGAAAAAGGGGGGAAGAAAGGCGTTAAAAAAGGGAAGGGGGGGGAATAC AACCAAAGGGGGGGAGAAGGTAAGGGCAAAAAGGAGGACCAAAGAACCCA AAGGAGAACCAAAAAAAAAAAAGGAAGGGAAACCAAAAGACAAAAAAGGG AAAACCGGGGAGAAGGAAAACCGACCAACCGAAGAGCAGAGAGAAAGGAA GGGGAAGGCCACAAGGCCAAGGAAAAGGAAACGGCCAGGGGGGAGAAAAG

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 GAAGGAAAAGGGGAAAAGGCCGGGGCCAAGGGGGGGGAAAAGGGCACGG G G G G A A G G GA $\operatorname{l}$ G GAGGGGCAGGGGGAAAAAAAGGGGGGGGGGAGCCAAA ACCGGGGAAGGGAAGAGCCAACCGGGAAGGCGGATAGAAAAGGGGCAGG GGGGAACCCCGGAAGAAAGGAAGGCCGGAAGAGGAGGGGGAGGGCGAGC CGGAAAAAAGGAACAGGACGAAGGAGAGGCCGAAAAAAAGGAGCCAAAAC CGGAAGGAAAAAAAACCAAAAAAAAAAGGGGGAAAAAAAAAGAGGGAGGA AGAAAAAGGGGAGCCGGCAGGGGGGCCCCAAAAAAAGGGAGAAAAAGAAG CAAGGGGGGAAAAAAAAAAAAGGAAAGGAGAGGAAGGGGAAAGAGGGAAA AGAGAGGAAGGAACCAAAGGAAAGGGAAGAAAGAAGGACAAACCAAACCG AA $\operatorname{A} A \operatorname{GAGCCGACAAGAGAGGGAAAAGAGGCCGGGAGGGGGGGGGAAAAA}$ CCAAGGGGCCGGCAGAAGAAAACCAAAAGGCACAGGGGGGAGAAAGAAAT GGAGAACAAACCAGGAGGAACCGGAGGGACGAGACCAAAAAGAGAAAAAA G G G GAGGACCGGAGCCAAAAAAAAGGGGAAAGAGAGAAGAAAAAAAAACC AAGGAACCGAAACCGGCCGGTACAGGGAAAAGGAGGAAGGAAAAGGGGAA GAGGCAAAGGAGAAGAGAAGGAGGAGAACGGGAAGGGGGGAAAGAGAGG AGAAGCCCCAAAACAAAAGAGGGAGAAGGGGATAAAAAAACGGGGGGAAC CAGGGGACCGGGGGGGGCGAGAGAAAACCAGAAAAAGAAAAGGAGAGAAA GAAGGGACAGACCAGACGAGGGGAAACAGAGGAAGGAAAAAGGAAACGGT AA $\operatorname{GAA}$ AGAAGGAAGAAAAGGAGGCAGGGAAAGGAAAGGGAGAAGGAAAAG GAAGGGACAGGGGGGGACCAACAAGTAAAAGGAGGGGGGAGACAGAAAG GAGGGAGAGAACCCAAAAAAGGGGAAAAGGTAAACCACAGAAAAAAGGAG AGGAAACCAAGGAAGGAATAAAAGAAGGCCGGCCAAGGGGAGAAAAGGAA AACAGAGAAAGGGAAGGGCAAAAAAAGGCCCGAAAGGAGAAGGGAGAGAG AA G GAA GCGAGGAAGAGGAGGAAAAGGGAAGGAAAAAAAGCCGGCCAACC AA G G GAGAAAGGGCAAAGGAGAAAGGAAGGGGGGAGCCGATAGAGGGGA A G G A G CCAAGGAAAAAAGGCCGACCAGAGAGGAAAGGAAGGGGGGAGGG G GAAAAAAGGGGGGGAGGGGAAAAGGGGAAAAAAGGGGAAAACCAATTAA CCGGATACAGGGAGACGAGAAAGGAAGGGGAAGGACAAAAGGAAAAGGAG GGAACCAGCAAGTTCCGGAAGAAGCCAAGAGAACAGAGAGGAGGAGCCGA AAGGAGCCGGAAAGGGGGAAGGAAGGAAAGGGAGCCGGAAAGAAAGACAA AAAAAGAGACCCTAGGGAGGAGAAAACCGAGGCCTTAGGGGGCAAAGGGG AAAAAAGGGGAGGAGGGGGGGAAAAAAAAAAGAAAGGAAAACCGGGGCCGG GGGGGGAAGGGGAAGGAAGGAAGGGGAAAAAAGGAAGGGGAAGGCCGGC CAGAAGACCAAGGGAGGAAAAAAAAAAGGCCGGAAGGGGGACCAACCAGG GGAAAAACCAACCAAGGGGAGAAAGAGAAGGGGAAATGGGGAAGGCAACG AGAAGAGTAGAGGGACCAAAAAAGGCCGGGGGGAAGAGAGAAACAGGGAC CGACCAAAAGAAAGGAAAAAAGAGGGGAAAGGAAGTACGGGAGAAGGAGA AGGAAGAAAGGGGAGAAGGGGGAGAAAAGGGAAGAACAGAGAAGAGGGG AAACGGAAGGAAGAAAGACCAAGGAAGGGGGGAAAAAAAAGGGGGAGAGA AGCAGAAAAATTGGCCGGAAACAAAGGGAAGGGGGATTAAAGAAAAGGAA CCGGGGAAAAAAAAGGGACCAAAAGGAAGGCCACGAGAGAAGAAAGGGGG GAGAAGGAAAAAAAGAGGCAGGCCAAGGCAGAAAAGCCAAAAGGGGGGGA

 G GAGAAGGGAGAAAGGGGCCGGGAGGGGAAGAGGAGAAGACGAAAAGAG AGGCAGGCCAAAGACACCAGGAAAAAACAAGCCGGGGCCGGCCGGGGTTG GAAAAGGACGGGGGGAATAGGCAAGGGAAGACCGACCGGCCAGGGGGGG AA $\operatorname{G}$ GGGAAAAAAGGAAGGAAGGGGAAGGAAGGGGAAAAGGGGGGCCGAG G G G GAAA GAGGACCAGAGAAGAAGGCAGAGAGGGGGGAAAGAGAAAAGG AACCAGGGGGGGCCGGAAGGGGAAAGCACCGGGGGGGAGGAAAGCAAGA A G G A A G G G G G G G G G ACCGGAAAGGAGGAAAAGGAAGAGGAAACAGACGG AA $\operatorname{G} \operatorname{GGGACAGGGACGGGGGAAACCGGGGAAAAAGAAGAGGAAAAGGAGG}$ AGACCGGGGGGAAAAGGGGCCGGAGGGCAAGGGGGCCAGAACCAAGGAA GAGAAAAACCGGAAGGGGCCCCGGAACCCAACAAGGGGGGGGAAGGAAAA

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 AA G GCCAAGGAACCGGGGGGAAGGAAAAAAGGGGGGGGGGGGAAGGAAG GCCGGGGAAGGTTGGAACCAAGGGGAAAAGGAACCCCAAAAAACCAAGGT TGGGGAAAAGGAAAAGGGGGGAAGGAACCAAGGGGGGAAAAGGGGAAGG TTAACCGGGGGGAACCGGGGCCGGGGAAAAGGGGGGGGGGCCAAAAGGG GCCGGGGAAGGAAGGAAGGAAAAAAAAAAGGCCGGGGGGGGAAAAAACCA AGGAAGGGGAACCAAGGAAGGAAGGAAAAGGAAGGGGGGGGGGAACCAA AACCGGAAAAAAGGGGAAGGAAGGCCCAGAGGGAACCCGAAATTCCGACC G G G G G AAAAACAGGGGAGAAAGGGGGGAAAAGGGGGAGCCGAAAAAGGA AAAACGAAAAGGGCAAACAAAAAGGAAGAAAAAGGGGGGGGAAGAAACCA

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 AAGGAGAGGGGGAGAGAAAGACGGAAGGGGAAAAAAAAGGGACACCAGGG GGGGGGAGGGAAAGCCAGAGAGGGAACAGAGGAAAGGGAAACAGAAGGA AGAAGAAAAAGAACCGGGGAAGAAAAGAAGACAAAAAAAAAAGGGCAGAA AGAAAGAAACAGAAGAACCGGGGACGGGGAAGGGAGGGGCCGAGGGGGA GGGGAGAAGGGGGGAGGGAACCACGGAAAAAAAGGGAGAAAGAAGAAGG GAAGGAGGGGGGGCCGGAAGAAGAGGGAAGGGAAGGGGGGGGGAAAAAA AAGGAAAGAGCCGGGGAACCAAGAGAGGAAGGCAGGAAGGACAGACAAAG GAAGCCAAACAAAAAAGAACGGCCCCGGAAGAGGAGGGCAAAAAGGAAGA AGGAAAAAGGAAACACGGAGGAAAAAGGAAGGGGCAAAGGACAAAGGGGA AAAAGGGGAACAAAGGGGAAAAAAGAGGTTGGAAAGGAAAGGAGGGGGAG GGAAGGAAGGAAGGGGGGAGGGGGGGAAGAGAAAGGGGAGAAGGAAAAA CAAACGGCCAGCCGAAAGAAACCCCAACCAAAAAGGGAAAAAAGGGGAAA AGGCCAAGGAACCCCGGAAGGGGAAGGGGCCGGGGCCGGCCGGGGAAGG GGGGGGAAAAGGAAAAAAAACCGGGGAAGGAAGGGGCCGGAAAAGGGGA AGGGGGGAAAAAAAAGGGGAAAATTAAAAAAGGAAAAAAAAAAGGGGAAA AAAGGGGGGAAAAAAAAGGAAAAGGGGGGAGAGAAGGAAAGAAGGAAAGC AGGAAGAGGGAAAAAGGAAAAAACAAAAGGAGAACAAACGGAAAAAGGGG GGGGGCAAGCAGACCGACCGACCGGCCGGGGGGGACCAAAAGGAAAGGAG GAACCAACCCCGGAGAAGAACAGAGGAAGAAAGGGGAGGGGAGAAGAGAG GCAAGAAAGCCAAAAAAGGGAGGGGCACCGACAGGGGAAAGAGAAACGGA AACAGACAAGGAAAGAGGGAGAGACCCCCACAAGGAGAAGGGAGGCCAAG GGGAAGGAAAGAAGGAAGGAAGGGGGGAAGGGGAGGGAAGAGAGGGAGG GGGGAGACAAAGCCAGGGAAAAAGAAGGGGAGAAGAGGGGGGAAACGGA AAAAAAAAGGAAAAAAAGGGGAAAAAGGGACAAGGAAAAGGGGGAAGAGG GGGGGGAAAAAAAAAAAGGGAGGACCCGGGGAGGGAAAACCGGGAAGAGA GAGAGAACCGGAAAGAGTAAGAGGGCCAAGAAACCCCGGAGGGGGGAAAG GGAAAGGGGGAAGGGGGAAAAAAGGAGAAGGAGAGGAAGCAGAAAAAAAA AAAGGAGGGGAGAGGGAAACCGGGGAACCGGGGAAGGAAAAGGGGGGGG GGAGCCGAGGAAAACCGGGGGGAGGACCGAGAGGCCAAACGGAAGGGGA AGGCCGAGGAGAGAGGAGGAGAGGGGAAGAAGGACAGAGGAGAGGGCAG AAAGGGGGGGAAGAGGGGGACCAAACGGAAAAGAAAAGAGAACCGGGAGG GGTTAGCCGGAAAAAGGAAAGGAACCAAAAAAAGAGAGAGAAAAGGGGAA GGCCGGAAACAGAAAAGAGGAAGGCCGAGAGAAAAAGGAAGGGGGGAAAA GGAAAAAAAACCAAGGAAAGGAAGGAGGAAAAAGAAAGCAAAAGCCGAAA AAGAGAGGAAAAGGCCAAAGGGAAAAAAAAGGAAAAAGGAAAAAGGGGGG AAGAGGCCAGAGAAAGACAGAGAAAAGAGAGGCCGAGGAAAAAGAAAACA GGGGGAAAAAAAAAAAGGTTAGGGACACGGGGGGAAGAAAAAAAGGAGAA AGGAGGAGAAGGAAAAAAAGCCGGAAGGAGAAAGAAAAAGAAGAAAGGCC AAGGGGGGGGAAAGAAGGCGAACCCCACGCAGAACAAACAGGAAAAAAGG

G GAGATAGCCGAACGGCCAAAAAGGGGGAAGGGGGGGGGAAGAAAAAGG AA $\operatorname{l}$ GGGAGGGGGGAAAACAGGAAAGGGGAGAAAAAGGAGAGGGGGTTAA ACGAAAAAGGCCAAAGAAAGAGAGAAGGAGGGACGGCCAAGGCCAAAAGG G G G G G G G GAAAAAAGGAAAACCTTGGAAGGGGGGGGGGAAAAGGAAAAG GAAGGCCGGCCGGAAAAGGGGGGGAAAAGAAAAGGGGAGAAAAAAAAGGC CGGGGAAAAAAGGCCAGAAACAAAAAAAAATAGAAGGGGGACCCAGGGGC CACAACCAGGGGGGGGGAAGGAGAAAGGGAAGCAAGAAAGATTCCGGAAG GAAAAAAAGAGGGGGGGAACAAAAGAAGGAGAAAAGAAGAAAACACCAAA AGAACAGGGGGAAAGCCAAGAAAAAAAGGAAGGGGAAAAAGGGGGGGGAG AGGGGAACCAAAAAAGGAGGGAGAAAAGAGAGAGAAGGAGAGGAGGAAAA AAGCAAAGACCAAGGGGCAGGAGGAGAGGAAGGGGAAGAAGAGAAAGGGA GAGAGGGAAGAGAGGAAAAAGACCAAAAGGGTTGGACAAGGGAAACCCCG GAAAAGGCCAGAAAAAAGGCCCCAGGGCCCCGGCCACGGGGAAGGGAGAA AGGGGGGGAGGGGGGGGAGATAAAGAGCAAGAAGGGGAAGGAGCAAAAA G G G GAA $\operatorname{A}$ G G GAA $A$ GGGGGGAGGGGGGAAGGCAGGGGAAAAAGAGGGGGA GAAAAAAAGAGGAGGCAAAAGAGGACCGGCCGGAAAACACCCCGGGGGGA A GCAGGGGGAAAAGGGGGGAGGGGGGGGAAAAACAAAGGAGAGAAGGGG GAGGAAGGAAAAGGCCGGAAGGGGAAAAGGAAAGGGAAAAGGCAGGAAAA G GAGGGCCGGAAAAATAAGGAAAGAAGGAGGGAAGAGGAAAGAAAGAGAA AAAAGGGGAAGGGGAAAGAAGAGGGGAGAGGAGGGAGGGAGGAGAAGAG GAAGGGAAGCCAAGGGGGAGGGGAACCGGAGCAACAGGGGAGGACAACAA CAAAAAGAAGAAAACAAAAGGAAGGGAAGAGAAGGCCAGACAGCCAAGGA GAGGGCCGGGGAAAAAAAAAA的GGGAGGGGGGGAAGGGGAGGGGGGGAA G G G G G G A G G G G G GAGAACAAAGGAGGAAAACAGGCAAGAACCGGGGGGA AAACCAAAAGGGGCCGGCAACGAGGGGCCGAGGAGAGGGAGAAAGGACCG GGACCAGAGAAAAAGACGGGGAAGGGAAGACAAAAGGCCGGGGAACCAAA AGGAAAAGGAAAGCAAAGGAGGGAAGAAAAAGAGAGGGAAGAAAGCACAG ACAGGCCAAAGGGGAAGGGCCAACCAAGGGACAGAAAAAAAAAAAAGAAC CCGAGGGGAAAGGGGAAAGGGCCAGGGAAGGGGGACCCCGGAACCGAGA AGAATTAGCCGGGGGGGAAAAAAGACAGGGAAGGACAAAAAAAAGGGGGG AAAAGAAGAACCAGAGACAAAGGAAGAAAATAAACCGGGGGGAGGGAAGG AAGGGGAAGGCCAAGGGGAAGGGAAAAAAACAGACCAAAAAAAAAGGAAA A G G G G G G GAAAGAGAACCAAAGGGGGACGGGGAAGGGAACGGAGAGAGC C GA GACCAGGAGGGGGAAAAACGGGGGAAGGGGAACGCCAAACGAAGAGG G G G A G A GCCGACAAAAAGGGAAAGGGAGGAGGGAATTAAGAAAGAAAAGG GAGAGAAGAGAGAGGAAGGGGAACCAGAAAAGGGGGGAAGGAAAAACAAG GGGAGGGGGGGGAAAGGGGGGAAAGGGGAAGGGGAAAAAAGACACAAGG AACCGAGGGGGGAAAGGAGAGAACGAAGGGCAGAGAAGGGGGAGAGCCA ACCAGGAGGCCGGGAGAAGAGACACAGAGAGCACCAGAGAAGGGGAAAGA CGAAGAAGGAGACAGGAAGGAACAGAGAGACGAGGGGAAGGGGAAGGCAA A G G G GAA G GAAGGGGAAAAAACCAAGGGGAAAAGGAAGGGGAAGGAAGG GGAAAAGGAAGGAAGGGGAAAAAAAGGAGGGAGAAAAAGAAAGAAACCGA CAAGGGGGGGGACCAGAGAGAGGAGGGGAACCGGAAGAAGAGAGAGAAG GGGAAAAGGAGAAGGGGAAAAAAGGCAAAGGGGAAAAGGGGGGCCGGAA GAGGGGAAAAAAGGGGAGAGAAAGAGGAAAAAAGAAGGGAGGAGGAGAG GAAGGAGAAGAGGGAGAAGAGACGAGGGGAAGGGGAGGAGAAAGGAGGA AGAGGAAAAAGAAAAACCAGAAAGACGAGGGGAAAAGGGAGAGGCAAGGG AAGGCAGGAAAACCAAGGAAAAGGGGGGAAAAGGAACCGGGGAAAAAAGG G G G GAA G GAAAAAGGGGGGGGAAAGGAAAAAAAGAAGAAAAGAACAAGGG CCGGAAGGAAAAAAGGAGGGAAGGAAGGAAAGGAGGAAGGGGGAAGGAA AAAGAGGAAGGAACCGGGAGGGGAAGGAAAAAGCAGAAAGGAAAACAAGA CAAAAAAGGCCAAGGGGAAAAGAACAAAAAGCAAGGGAAAAAACCAAGGG ACAAGCAGGGAAGGAAGGAGGAAAAAAGGGGAAGGGGGGGGGAGGGGAG AA G G GAACAGCCAAAAGAGAGGGAAACAAGGAAGGGCAACAAAGGGGGGG G G G GCCAAGGAAAAAAAAGACCAAGGAGAAACAGAACCGGGGAAGGCCGA A GAA $\operatorname{A} A A A G G G G G G G G G G A A G A G G A A G G C A A A G A A G C C A G G G G G A G A A A$ AAAAAGAGGAAAAGAGGTTGAGGGAGGAAAAAGAGAAAAGAAAACAAAAC CAAGGAAGGGACCGGAGCCAAAAGAAGGAGGGGAGGGAAAAAGAGGAAGC CAACCAAGGACGGACAAGGCCGGAAAAAGAAGGGGGGGGTTGGAGCCAGG GGACCGACAACGGAAACAGGGGGAAGGAGAAGAGGAAGGAACCGGAGAGA CAAGGAAGGGGAAGGGGAAAAAACCAAGGGGGAGGAACCGAAAAACCCAG

A G GAAAAGAGGGAGAAGCCAGAAGGGAGAGGAGGAGGGGGGAAAAAAGG AGGAGGGGGGAGGAGGCAGAGGGGGGAAAGCCAAGGCCCCGGGGAAGAA A GAAAGGAAAGAGGAAAGGAAAAAGGGGGGGGGGGGAGAAGGAAGAGAC GGGAAGGAGAGAGGGGGGAGCCGGAAGGCCGAAGCCGGAGGAGGCCGAG GCCACGGGGGAAGGGAGAGGGGAAGGAACAGACGGAAAGAGGAAAAGGG GAGAAACCCCCAGACAAGGGGGGGAGGGGGGGGGGAGGGGGACCAAAAG ACAGGAGAAACGGGAGGAAAGGGACGAAGCAGAGGGAAAAAAAGGAGAGC CAAAAGACAAGGAGGGGAAGGAAGGAAAGGGGGAGAAAAAAAAAAAAGGA ACCACAGAAGGAGAGAACCGGAAAAGGCCAAGGGGGAGAAGAACCAAAGA ACCGGAAAGAAACAGAAAGGGGGAGACAAAGAGAGGGAAAGGGGAAGAGA AA G GAAGAAAAGGGAGGAACAAGGGGGAGGGGGAGAGGGAGGAAGGGAA GGGGAACCAAGGAAAAAAGGGGTAAGGGCAGGGAAAAAAAGGGGAGGGG GGGAGAGAAGGGGGGGAAGGGGGGAAGGGGAGGGGCACAGAAAGGCCAC GAAAGGAACCAGAAAAAGCCAGAGGAAAAGAAGGGACCAAAAAAGAAACC GGACGAGAAAGGAAAAAAAGAACCAAGGGACCAAGGAAGAGGGGAGGAGA AAAGAAGGAGGGGGGGCCAAGACCGACACAACGAAGGGAGAGGAGGAACC GGGGGGGGCAAAAAGGAAGGAAGGAAGAGGAAGGGAGAAAGAGGGGCCG GGGCCGGGGAGGGGGAGAAAACCGGAGGGGGAGAAGAAAAAGAGGAAAA GAAAAGAAAACAAAAAAAACACGAGAAAAGGACAAGAAGGAAAACAAAGG CAGGGAAGAAAAGGAAGAGAAAAAGGCCGGGGAGATAGAAGAGGGGAAAA AAAAGGGGGAGGGGGGAAAAGGACAGAGGAAGAACACAAGGGAGGGAAAA AA G GAACCAAAGGGGACCCCAAGGAAAAAAAACAAGGGGGAAAAAAGGGG GGGGGGAGAGAGAGAGGGGAGGAAAAGGAGAAAGAGAGAAGGGGGATTA AGGAGAAAACAAAGCAAAGAAAAGGAAGGCCGGAAAAAAGGAACAGAAGG GGGGAAAAAAAAAAAAGCCAAAGACAAGGCCAAAAAAGGGAAGAGAGGAA AGAAAGGGGGGGAACGAGAAGACAAAAGAAGAAAAGAGGAAAAGGGAGGG AAGAAGGAAGGCAGAAATTGGAAGGAAAAGGAAAAGGAAAAAAGGGGAAC CAAAAAACCGGGGAAGGGGAGAAAAAGCAGGCCGGAGGGAAGGGAAGAGG GGGGGGGGAGGCCGGAGGGAGGAAGAGAACCGGAGAGAGAAGAGAGGAG GGAAGAGAGGCCGGAAAAAAGGCCGGAGGGAGGAAAGAGGAGGGGGGGG GGGAAACGACCGGAAAAGGACGGAGAAAAGGGGCAAGGGGGAAGGAAACG AGAGGCGGGGGAAGGAAAACCAAAGGAGGGAAAGGGAGAAGAAAATAGAG AAAACCCAAAGGACAGGCCCCAGAGAAGGGGCCAGGAAGAGAAGGGGGAA AAAGGACAGAAACGGAGAACAAAAAGGGGGGGGAGCCGGGGGGGGCCAC GGAGGGAAAAAGCAGGGGAAAAGACAAGAGAAAAGGCAAAACGGAAAAGG GAAAAGGGGGAGCCAGCCGGAGGGAGGGGAGGAGGGGAAAGAGGGGAAG GCCGGCCGACAGGAAAAGGAAACAAAGAAGAAAGGAAAGGAGGAGGGAAC CGGAACCAGGAGGAACCCAAACCGGAAACCAGGAAGGAAAAAGGGGGCCA AGGGACCGGGAAAGGACGGCCCCCCAGAAGGGGGGAAGAAAAAAAAAAAG AGAGAAAAGAGACCAAGCCAAGGAAGGGGAAGGGGAAAAAGAAAAAAAAG AGGGGGAAAGGAAGGAAGGGGGGAAGAGAGAGAAAGGAAGGGAAAGGGG AAAAGGAAAAGGAAAAAGAGGAGGAAGACAAAAGGGAAAAGGAAGGAGGG CCTTAAGGAGACCCAGAGGAAACAAGAAAAAAGGGGGGAAGGAAGGAGAA GGGGGAAAAGAGGGACACAAAAAAGGGGCCGGGACCGGAACCAAGGAAAG AGAAAGGAGGGGGGGGGGAGGGGAAAGGCAGGGGCAAACAAAGAAAAAG GGGAACCAAAAAACCGGGAAAAAGGAGAGGGGGGAACGAAGAAGAAAAAG GGGAGAGAGAACCGGAACCAAGGAAAAGAGGGGGGAAAGAAATGGGGGG GGGAAAGGAAGGACGGGGGGGGAGGAGGGAAGACAGAGCCCAGGTTAGG AGGAGGGGGCCGAAGAGGAAAAAGGAGACAAAACAAGGGCCAGAAACCAA AGGAGGGAAGAGGAAAAAGAGGGAAAAAAAAGGAGAGGGGGGGAAGGGG TAAAAAGGAAGACCCGAGAGAAGGGGGGAAAAGGGGGAGAAGAGAAGGCC GGGGGCAGGGAATAAAAAGGGAGGAGGGAGGAAAGAGGGGCAGGAGAAG GGGGGAAACGGAAGAGGGAAAAGAGAGAGGAGGGGAAAGCCCAGGGGAA AA G GAAAAGGAAGGAAGGGGGAAAAAAGAAAAGGGATACCGGATAGACCA AGGGAAGGGAGAAACCAAAAGAAGAAAAGGGCAAAAGGAAGGGGGGGGAA AAAGAAGGAAAAAAGGAAAGGGGAGGCAAAGGGGAAAGAGAAAAAAGGAA GACCGGGGAAAAGGGGCAGAAGGAGAGGGAACAAACAACCGGGGGGAAG GAAAACCCAAGGAAAGGAAAAGGATAAAACCATAAGGAAAGAAAACCCCA GAGAAAGAAGGTTAAAAAACCGGAAAGAAAAGGCCAGAAAAACCACCAAC CAGGGAGCAAAGGAGAAAAGAGGGGGGGAAAAAAAGAGGAAAAAGGACAG AGGGGAAGGCCGGAAGGAAGGGAGAGGAAAAAAGGAAAGGAACACGAAGA

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G G G G G A G G A G G G G G A A G G A A G G A A G G G G G G GAGGAAAAAGGGAAGGAAA A G G ATAAAAAAAGCCGGGGGGAAAAGGGAAACAGGGGGAAACCGGGAAAG GAAAAAACGGGAAAAGGTTGGGGGGGGGGAAAGAACCAAAAACGGCCCAC AAAGGGGGGGGAAAAGGAAAAAAAAAAAAGGAAAAGAGGGAGGAGACAGG AAAGGAAGGGGGAAAGAGGGGAAGGAAGGGGGGAGAGAAAAAGCACAAG AA $\operatorname{GAAA}$ A G G GAAAAGGAAGGAGCAGGGGGAAAAAAAGAAGAGAAGAAGCA A G G G G G G GAAGGAAAACAGAAACCAAGGAGAAAAAAGCGGAAGGGGAAAA G G G A G G G GCCAAGGAGAGAGAAGAAACAGGAAGAGGAAAAAAGGCCGGAA G GAA $A$ AA GCGACAAAGGGAAAGGGAAGGGGGGCAACGGGGAAGGACAACC G GCCGGAGGAAAGGGACCAAGGGGGGAGATGGCGAAGGCCAAAACCGAAG GGAGAGGAGAAAAACAGAAGGGGAGGGAAGGAAAAACCAAAAGGCAGGAA GGGGAGAGCAGAGAGGAACCAAAAGAGCGGGGGGAACCAAAGGGGGACA GGGAAGGAAAGAGAAGGAAAAAAACAGACAGAAACAGGGGGAAAAAGGGC AAAAGAAAAAGAGGATTAAGAGAAGCCGAGGGGGCGGGGGGCCAGCAGGG AGAAGAACCAAAAGAGGAGGGAAAAGGGGAGAGAAGGGGAAAAGGGGAAG GAAGGGGAAAAAAAAAGAACCGAAGCACACAAGGGGGGAAAGAAGGGGAG AGGGGACAGAATTAAAAAAAAGAAGAAACAACAGAGACAAAAAAGAAGGC CGGGGGGAAAGCCAAAAAAAAGGCCCCGGAAAAACGGAGCCAAAAGGAAC CGCCAAGCAGGACCCGGAGAGGGAAGGCCAAAGAAGAAGCACAGGAAGGG GAGAGGAGAGGCCAAAGGGAAAAGACCGGGAAAGGGGGGGGCCGGGGGG CCAAAGACGGGAAAGGGGAAGAGGACAAGGGGACCAGGGGGGGGGGAAG CAAGGGGACCCAAACGGAAGGAAGGGGAGAAAGGGAAAGGGAAGACAGAG GGGAGAAGGCCAAGAAAGGAGAATAGGGGAAAGCAAAAGGAAAAAACAAA AGAGCGGGAAAAAGGGAGAAGGGCCGGAGAGGCGGGGAGAAAGGGGAAT A G G A G GAGGGAACACAGGGGAAGGAAAAAAGAAAGGGGAGGGAGCAAACC AAGGAAAAGGAGCCAAGGGGGGAAGGAACAAAGGGGAAAAAGGGGGGAA GTTAAGGAAGGAAGGGGGGGGGGAAAGAAAGGGACGAAAAAGGGAGGGG AAAAAAAGAAGAGGGGGAAAAGGAAGAAAAGAGAAAGAAAACCCGGAGAG GGGAGAACCCAAAGCCGAGGTTGAAAGAGAGACCAAGAGGAAAAAACAGG GAAAAGGAGGGGAAAAGGAAAAAACCAAAGACCAGAAAAAAAAGGGCCGG AAGGAAAAAAGAGGAGGGAAAAGGAAGGGGGAGAGGAACGGGGAGACAG G G G G G G A A G G G A A G GAGGGGGGAAAAAGGGAGGAACCCCGGACGGGGGA AAAAGGAAAAGGGGAAAGACCCGAGGGAGAGGGAGGGGAGACGGAAAAAC
 GAGGGCAAGAGAAAAAAGGAAGGGGGAGGAGAGAAACAAGAGAAAAAGGA GAGCCGAGGAGAGGGGGGGGGGGGGCAGAGAAGGGGGCCAAAGGAGGGA AGAAAAAAAAGAAGGGGAGACCCCAAGAGAGGGGAACCGGACGGAGGAAG AA GAAAGGGAGGAACAAAAAACGAACGGGAGAGGGGGGAGGGAGAAGAG GAAAAAGAAAGGGAAAAGGGGAAGGAATTGGGAGAACAGGGAGGAGGAAG AA $\operatorname{G}$ GAACAAGAGGGAAGGGGGAGGGACAGAAGAGGACGAAAAGAAGGAAG A G G G G G GCAGAGACAGGGAAAAGAGACGAGGGGGGAAAGAGGGGGGGCC AGGGCCGAGAAAGGGAAGGGGACCGAGGGGGACAAGGGAGAAAAGAAA $28112000-9$ AAA G G G CCGGGGAGAGAAGGGGGAAAGAAGGGAAAAGGAAGC CCCCAAGGGGGGCAGGAAGGGAGGCCAAAAGGAACCAAAAGGGGAAAAGG AACCGGGGAAGGCCAGAGCCGGGGAAAGCCAAGGAAAGAGAAGAAGAGAG AGACGGGGAAGGAAGGAACAAAAAAAGGAAGGCCGGGGCCGGGGAAAAGA AAGGGAGAAACCAAACGGAACAGGGAAAAGGGGAAAGGAGAGACAGCCGG AA $\operatorname{A}$ GAGAAGGGGGGAGGGGGGGAAGGAAAGGCGAATAGGAAGGAAGAAA AAGAACCAAAAAAAAAGAACCGGAGGGAAGGAAAAAAGAAAGAAAAGGGG AGGAGGAGGAAGGAAAGCCAGGGGGGGAAAAGAGGGACCGAGAAAAAGA G G G G G GA GACGAGCGGGGAAGGAAGGAACCGGCAAACCAGAGAAGGGGA AGGAAAAGGATGGAAAAAGGGGAAGAACCGAGGAAAAAACAATCCGGGGC CAGGGAAGAAGCAAGAAGGAAGACAAAGAGAAAAGGGCAAAACAGAAGGG GAAGGAAAGGAAGGGAAGAGGGGCCGGGGGGAAAACCAGAAGAGAAAGAA CAGAAGGAAGGAAAAAAGGAAAAGAAGGGAGGGAAGGAAAAGAAACCAAA A G GAGGAA GCCGGGAAGAAAAGAGGGGGGGGCAAGGAGGGGAAAAGACC CAGGAAAAGAAGAAAAAAGAAGGGAGAACCCCGGAAGGGGGGGAGGAGAG CAAGAAGAAAAAAAGACAGGAAGGGGCCAAGGGGGGGGCCGGTTGGGGAA GGGGAAAACCGAGAAACAAAGAAGGACATTAACCAAAAGGGGGGCCAAGA AGGAAAACCCAAAGAAGGGAACAGGGAAAGGGCCGGACAAGGCCGGAAAA AAGGAAAAAGGAACAGAGAAAAAAGAAAGGAAGGAAAAGGGGCGAAAAGG

GGAAGGAAGAGGGGAAAAGCGAGGAAAAGAGGGGCCAAAAGGAACCAAGA TACCGGAAGGAAGGAAAAAAGGGGGAGGGGAGACGGGGAAGGAAGGAAA AGACCGAAGAAGGATAAGAAGGGAGCAAAACAAAAAAAAACGAGAGGAAG G GAA G GAAACCGGGAAAAGGGCCAGAAGAACGAAGGAGGGAAAAGAGGAA CGGGAGAAAACGGACGGGGAAGGAAGGGGGAAGAGAGAGGAAGAGGAAC AGCAACCAGGAGGAGAAGGAAGAAAACCCCAACAAAAAGGGAAGGAGGAA CCAAAAAAAGAGGGGGAAGAAAAGAAGACCGAGGAGGGAGGAAAGGAAGG AGAGGGCAGGGGGGAAAGCCAAAAAAAGAAGGAGAGAAAAGGACGAAGAG AAAAGAAAAAGAGGGGAAAACCGGAAGGCCGAGGAAAAAAAAAGAAAAAA AATTAAGGCCAAGGGGAATTGGAAAAGGAAAAAAAAGGGGAAAAAAAAAA GGGGAAGGAAGGAGAAGGGGAGGAGAAAGAGAGGCCAAAGAGGGAAAAA ACCAGAGAAAAACAGAGGGGACCAGAAGGACAAAGCGACGGAGCAAGAAG GCCAACCGGAAGGACCCGGAAGAAAGGAAAAAAAACCAGAAAGAGGGGAC AAAGGAGGGATAAGGAGGGGAAAGGAAGGGGGGGGAAGAACAAAGAAAAA A G G A A G G A G G G G GAA G GAGGGAACCGGGGGAGGGGGGAGGGGGGAGGAA GAAAGGAAAAAAGGGAACAGGCGGAAGAGGGGAAAGGGGGAGGGGACCG G G G G G A A G G G A G A CAGAGACCCCGGAAGGGGGGCCGGGGCCGAAAAAA G GAGGGGGTTGGGGCCGGCCAAAGAAGGAACCAAGGGGAGGGCCAAGGG GAGGGAAAAAAACAAGGGGAGGAGAAGAAGACCAAGGGGCCCCAAAAAAG AAAAAAGATAAGAAGAGCCGGGGAACCAAAAGAGGCCAAAAAAGGGGGGG G G GAGGAGAGGAGTAAACCGGGGAAAAAACCGGGGAGGGGGGGAGGAAA AGGGAAAAAAGGACGACCAAACAACAAAAAGAAAAAGGCCGAGAGAAGAG GAGGAACAAAACAAAAGGAAGGAAAAGGGGGGAGCCGAGGGGAGGGAAG GAAGGCCCCGGAAGGAAAAGGAACCGGAAAGAAACGGAGAGAAGACCAGG GAGGGGGAAAACCAAAAGAAAAGAAAAAAGAGACAAGGAGAACGGGAAGA GAAGACAGAACGACCGGAGGGCCCCAAGAGGACAAAAGGGAGGAAAAAAC CGGCCGGAAAAAACACAGAGGAACCAACAGGAAGGAAGGAAAAGGGAAAA CGAAGGGAAGGAAAAGGAACCGGGGAACAAAAACCAAGGAACAGAGACCA CGGCCAAAGAGAGAAGGAAAAAAAAAAAGAAAGGGCCGGAAAGGAAAGAG GGAGGGGAAAGGGCCAACCACGGAAGGAGGAAAGGGAGGGGGAAGAAGG GGAAGAAAAAAGAAGGAAGAGCGGAAGGAGAAAAGGCCAGAAAGCAACGG AAAACAGAAGAGAGGAAGGGAGGGCCGGGGACAGAAGGAAGGAGAAAAAA AAAGAGACGAGGGAAAAACCCAAGAGACGAGGAGGGAAGAAAAAACAGAG GAACAGGGAGGGGGGGGGAAAAGAGGGAGGAAGGCCATAGATGAAAAAAA AAAAAACCGGGGAAAGGGGGGGCAGAGAAGGGAGGACCAAGGAAAAAAAG GGAAAACCAAGGGGAAGGAGACCAGGAGAGAGCCGGAGAACCAGGAAAAG GATTAAAAGGAAAAGGGGGGGGGGAGAAAAGGAAAGGAAGAAGGCCAACC AA GAAAAAGGGGCCGGGGAAAAGGAACAGGCAAAGAGGGAGAAAACAGCA GAGAGGGAAAGGAAGGACAAGGAAGAGGGGAGAAGGAAAGAGGGAGAAC CGAGGGGAGAGAGCCAAAAGGAAGGGGAAGAAACCAAAAAAAGGAAGCCG G G G G G A G G GAAGAGAGAAAAAGAAAAACCGAGAGGGGAAGGGGGGAAGG G G G G G A A A A A A A G G G G GAACAGGGAAAGGGGGCCCCGGGGGGAAGGGGA AAAAAGAGGTAGAGGCCGAGAGAGGGGGAGAGGAACAGGGAAGGAAAAG GGCCAGGGAGAAAGCCAACCAAGGGGGATTGGGGAAGGGGACGAAAAAGA GGGGGAAGGGAGGGGGGGAGAAAAAGAAGGGAAGAAAGGAGGAAAACAG AGGGAGGAGATAGGGAGAGAAAGGAGAAAAGGGAAAAAACCGGGGGAAG GAAAGGGGAGGAGGGGCCGGGGAAGGGAAAGGAACCAACCAAGGGGGGA A G G G G G G A A A A A A G G G GAA G G G G G G G GAA $\operatorname{AAAA} A \operatorname{AAGCCAGGGCCGGAG}$ AA $\operatorname{A} A \mathrm{GAA}$ AAGGAGGAAGGGGAAAGAAGGAGAGGGAAGGGGGAAAAAGAA CAACCAAGGAAAAGAAGGGGGCCAAGGAAGAGGGGAAGAGGAAAAGGAAA A G A G GAAA G GAGGGAAAAAGGGGAGGAGGAGAAGAGAAAAAGGAAGGGG GGGGAAGGAAGGGGAAAGAAAAGGGAACAAAGGAGGAAAAAGGGAAAGG GATAAAGCCGGGGATGAGGACCGTAGAGGAAGGAAGAAAGGGGAGGGGG G G G G G G G GAA GAAAGGACAAAAAAAGGAAAGGGAAAGGATGAAAACGGGG CATTAGAAAGACAAGGAAGGGGGCAGAAGAGGGGAGAAGATAGGAACCAG AAAAAGGAGAGAGAGGGAAACCAAAAGGAAGAAAAGGAAAGGAAAGAAGA ACAATTGGGGAGAAAAGAGAAAGGGGAGGAAAAGGAAAGAGGAAGGAAAA GAGAACAACCGGCCAAGGGGGGAAAAGAAAGGACAGCCAGCAAAAAGGAA GGGGAAAGGGAAAGTTCCAAGGAAGAAACAAGAAAAAGAAGGGAAAGAAA AGGAAGACCCAAAGGGACGGGATACAGGGGAGAAACAGAAGGGGGGAAGG G GAACCGGGGGGGGGGAAAAGGAAGGGGAAAAAAGGCCGGCCGGAAAAG

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G G AA $\operatorname{GAAAAGAAGGAAAGGGGGGGAAGGGGAAGGAAGAAGGAAACATTGA~}$ G GAAAA G G T TAA $A$ GGGGACAGGGGGGCGGGAAAAGGGAAGGAGGGGGGGG GGGAAGGAAAGGAAACCGGAGGGAGGAAGAGGGAAAAGGAAAGAAAGAAG GCAAGGAGAACAAAAGGAACCAAGGAGAGAGAGCCAAAAGAAAAAGGGGC CGGGGGGAAGGAAGGAAAAGGAAGGAAGGGGGGGGGGAAGGTTCCGGGG GGAAGGGGAAAAAAAAAAGGGGGGGGGGGGAAAAGGAAGGCCGGCCAAA G GAAGGAGGGAGGAGCCAAAGGGAAGAAAAAAGAGAGAAAAAAAACCAGA AGGAAGAAAGGGGAGAACACAAAAGAAAAAGGAAAGGAAAAGGGAGGGAC ACCAGGGAACCCAGAAAAGAACCGGGAAAAAGAAAGGGGGGGGGAAAAAG GCCGGAGAAAGGGAAGGGGAAGGAAAGCCCCGAATGGAAAGAAGGAGAAA AAAAAAAGGAACCGGGAGAAGAAAAGGCCAAGGAAAAGACCAAAAAAAAG G G G G G G G A A G G G GAAGGGGAAGGAAAAAAGGGGAAAAGGAACCGGGGGG GGGGGGAAAAGGAAAAAAGGAACCAAAAAGAAGGGGAAAGAAAAGGAGGA AAAGGGACAGAAGGAAAAAAGAAGGAGGCAGAGGGAGGACAAAGGGCCAG GGGGCCGGGGAAGGGGAGGGGGAAAAGGAGAACCAACCAGGGAAAAAGA GGGAAGGAGAAAGAGAGAGGAGGAAAAGGGGAGCAAGGGGAAAGGAAAG CCGAGGAGCAGGAAGAAAAAGGAAGGAAGAGGAGAAAAGAGAGAGGAAGA ACATCCGGAGGGAAGAGAGGGAGAAAGAGAAAGACAGGAGCAACCAAAGG GAAA G GAA G G G GAA G G G G GAGGAGCAGAAGGGGGCAAACCGGGGGGCCC AAAGGGGGAAGAAGAGGAAAAAAAAGACCGGAGAAGAGAAAAAGGAGAAG ACCGGAGGACCAAAAAAGGAGAAAGGGCCGGAGGAAAGGGAAAAAAAGGA AA G G GAAAAAGGAAAGAAAGAGGCCAGGAAGCGAGGGAAAACCGGGGGGA A G A G G G G G AAAAGGGGGGGAGGGAGGGGGGAAAAATTCCAAAAAACAAAA AAGGAAGCAGGCCAGAGGGAGGACGAAAGAGAGCGAGAAAGGGAGAAGGA GCCGAAGGGGGAGAAGGGGAAAAACGAAAAAGGAAGGGACCACAAACAAG GGGGAGAGGCAGGAGAAGGGGAGAGAAGGAAAAGGAAAAAACCGGCCAAG GAAGGGGAACCGGAAAAGGAAAAAGAGACGAGAACAGAGAGACAGGAAAG AGGAAAAAAAAAGCCGGGGCAGGGGAACCAACCCCAAGAAGAGAAAACCA ACCAAGGAACCGGCCGGAGCCAGAGGGAGGAGGAGCCAAAAAGCAGAAGC AA $\operatorname{H}$ GAGGGGGGAGAAAGGGGGGGAAAGGAGAGAACGAGAAAGGGGGGCC GGGGGGGGCCAAGGGAAGAAGGAAGGGGAAGAAAGGGGAGCCAAAGGAA GAGGGGGAAAGAACACCAAAGAAGAGGGGAAGGAAGGAAAAAAAAGACAG AGAGAGAGAGAATGGAGCAACACGGGGAAAAAAAAAAAGAAAAAGGGGGG GAGCGAGCCGGAAGAGGAAAACACCGAGGAAAAAGCAGGAAAAAAGGAGG
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CCAAAAGGGGAGCAAAAAGGGGAGGGGGAAGAAGAACCAACGGGGGAGAA AA $\operatorname{A} A A G A G G G A A A G A A G A G G A A G G G G A A G G G G G G G A A A A A A A G G A A G G A$ AACGAAGAACAGGAAGGGAGGAAAGACAACCCAAAACAAGGGGGGGCGAA AGGAGAAAGAAAAGGAGCCGGAAAGGGAGAGGAAAAACCAAAAAGCCGGC AGGAGCAAACCAAAAGGCAAAGGGGGGAGAAAGAAATGGAGCACAAACCA G GAGGAAACGGAGAGCCGAGACCAAGAAGGGAAAAAAGGAGAGGAGCGGG G G G AACAGAAAAGGGAAGGGGGGGAAAAAAAGAGACCGAAAAAAAAACAC C G G ACA $\operatorname{Cl}$ TACAGGGAGGGGAAGGAAGGAAAAGGGGAAGAAGCAAAAAGGA AGGAAGGAAGGGGAAGGCGAAAGAGAGAAGGGGAGAAAAGGACAAGAAAC A G A A G G G G G G G G G G G G GAAAAAAAACCGGGGAGAAACGGGGAACCAGAG GGGACGGGGGAAAAAAGGAACAGGCCGAGGGGGGAAGGAAAAGGAAGGC CGGCCAAGGGGAACCGGAGGAAGGAGGAAGGAACCAGTTAGAAGGAAGGA AGAAAGGAAAGCAAGAAGAAGGAAAGGAGAAGAAAGAGGGAGGAACAGGG GGGAAACGAAAGGTAAAAGGAGGGGGGAGACAGAAAGAAGGAAAAAACCA AGGAAAAGGGGAAAAAGTAAACCACAGAAGAAAGGGGAGAAGGCCGGAGA AAAAATAGAGGGAGGCCGGCCAAGGGGGGAAAAGGAACACAGGGGAAGGA AA GAGCAAAAAAAGGACGGAAAGGAGAAGAGGGGGGGAAGGGACCAAGGA A G G G G G G GAAAAGAGAAGGAAAAACGGACGGCCGGACAAAGAAAAAAGGC C G GAGGAGAGGGGAAGGAGGAGGACGATAAAAGGAAAGGGGCCAAGGAA AAAAGGCCAACCAAGGAGGACAGAAAAAAAAAAGGGGGAAAAAAGGGGGG AA $\operatorname{G}$ GGGGGAAAAGGGGGGAAGGGGAAAACCAATTAACCCCTTAAAAGGGG CCGGGGCCGGAAGGAACCAAAAAAGGGGAAGGGGGGGGCCCCGGCCGGT TCCGGGGGGGGCCAAGGAACCGGGGAAGGGGAACCAAAAGGGGCCGGGA G G G G G G GAGGAAGGAAAGGGGGACGGAAAGAAAGACAAAAGGAAAAACAC AA $\operatorname{l}$ GGAAGAGGAAAGCGGGGCCAAGGGGAGAAGGGGAGAAAAGAAGGGG G G AA $\operatorname{l}$ GGAGGAGAGGGGAAGAAAGGGGGGACGGAGGCGGGGGGAAAAAG AAAAAGAGGGAAAGAGGGAAGGAGAAAGAAGGAACAGGCCGGAGAACCAC GGGGGGAAAAAACAAAGGACGGAAGGGGGACCGAACGGAGAAGAGAACAA ACGAGGAGGGCCAAGGAAGGGGCATTGGGGGGGGCCCCGAAAGGGGAAG AGGGACCAAAAAAGGCCGGAAGGAAAAAAGGGAAAGGAACCAACCAAAAA AAAAGCAGAAAAAGGGAAAGGGAAGTAGGGGGGAAGGGGAAGGAAGGAAA GAGGGGAGGGGGGGGAAGGGGAAAAACGGAGAAGAAGGGGACCGGAAGG AAAAAAAACCAAGAAAGGGGGGAAAAAAAAGGGGGGAAAAAACCAAGAGA ATAGCCAGGGCCAAAGGAGGAAAGAATTGAGGAAAAAGGACAAGGAAAGG GAAAAGAACCGAAAGGAAGGCCACGAGAGAAGAAAGGGGGGAAAAGGAAA AAAAAAGGCAAGCCAAGAAAAAAGGGAAAAGAAAAGGGGGAAAAAAGGAG GGGGAAAAAAAAAAAACCGGAAAGGGGGAAAGAGAGGGAAAAAAGAAGAG GAGAGAGAGGAGAGAGGAGAAGACAAGGGGGGAAAAGGAAAAAAAAAAAA AA $\operatorname{GGGGCCGGAAAAGGAAAAAAGGAAGGGGAAGGAAAAAAAACCCCAAGG}$ CCCCCCGGAAAAGGAAGGCCAAGGCCGGCCGGGGTTGGAAAAGGCCGGGG AGGGAAAGCAAGAGGGGACCAAACGGCCGGGGGGGGAAGGGGAAAAAAG GAAGGAAGGGGAAGGGGAAAGAAAGAGGGAAACGAGGGAGAAGGAAGCC AA $\operatorname{l}$ AAAGGAAGGAAAAGAAGGGAGGAGGGGAAAAGGAACCGGGGGGGGC CGGAAGGGGAAGGAACCGGGGGGAAGGAAAGCAAGCAAGAAGGGGGGGG AACCAGAAGGAAGGAAAAGGAAGAGGAAACAGACGGAGGGGGACGGAGCC AGGGAAAACCAGAGAAAAAGAAGGGGAAGAAGAGGAGACCAGGGGGAAAA AGGACCGGGGGGCAGGGGGGCCAGAACCAAGGAAGAGAAAACCCGGAAGG AGACCCGGCACCCAACGAGGAGGGGGAAGGAAACAAAAGAGGAAAGGGGG CCAGACGGGGGGCCGGGAGGAGGGGGAGGGGGAAAACCAAGGGACGCCG A G G G G G G A A A A G G G GAGGGAAGGAACCAAGGAAGGGGGGACAGCAGGAG G G G A G A G G G G A G G A A G G G G G G G AAAAAAGGAGCAAAAGGAAAAGGAAGG AAAGAGGGGGGAAAACCGGGGAAAAAAAGAAGGGAAGAGGAGGAAGGACG A G G G GAA G GAAGGGGGGAGAAAACCAGAAAGGGGGGAGGACACGGGGCA G GAAAAAGCGAAGAAGGAAGAGAGGGAGAAGGGAAGGAAAAAGGCCCCAA C CAA $\operatorname{l}$ GGGGGAGAGAAAGGGGAGAAGAGACGGCGGAGGACCCGGGAAAA AACAAAAGGAAAAGGCAGGGGGGAAGAGGAGGAACGGAAAGGGAAAGGG GGGGGGAACCGGAAAAAAAAGGGGAAAAAGGGGAGGCAAAAGGGAGGAA GGGGACCAAGGCCAGGGGAAACAAAAAAAGGAGAAAGAGAGGAGGGGGAG GAAACAAGAAGAAGGAAAAAAGAGGAAGGGAGAAGAGGGGAGGGAGGAAG AAAAGCCGGAAGGGAGGAAGAGGGGGGGAAAGGGCGGGGAGAGGGAAGG AGAAAGGGGGAACAAAGGAACAAAGGGAAAACAAGGGGCAGACAGAGGAG

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AA G GAGAGCCAACCAAGGAAAAGGGGAAAAGGGGGGCCGGGGGGAAGGA AAACCGGAAAACCAAAAAAAACCAAGGGGAAGGCCCCGGCCGGAAGGAAG GGGAAGGAAAAGGGGAAGGAAAAGGGGAACCGGGGAAAAAAGGGGGGCC AA $\operatorname{G} \operatorname{GGGAAAAGGGGAAGGAAGGGGGGAAGGAAAAAAAAGGAACCGGAAG~}$ G G G G G G GAAGGCCGGGGAAAAAAAAGGAAAAAAGGAAAACCGGAAAAGGG GCCAA G G G G G GAA G G G G G GAAAAAAGGAAGGCCTTGGCCCCGGCCGGAA G G G GAAAA $\operatorname{lng} \operatorname{GGGGGGAAGGGGAACCGGGGAAAAGGAAGGAAAAGGGGA}$ ACCGGGGGGAAAAGGCCGGGGAAGGAAAAAAGGGGGGCCCCAAAAGGGG CCAAAAGGAAGGCCAAAGAAGAAGAAAGGGGGAGGGAGAAGGAGAAGAAG CCACAAAGGGGGGGGAGAGGGGCCCCAAAAAAAGATAGAAAACCAAGGAG AAGGAAAAAGGGGGAAAGAACCAGGAGAGGGGGCGGAGGGAAGGGGAAA ACCAAGGGGGGAAAAAAGGTTAAGGAGGGAAGGGAAGGGAGGGGGGGGG AGAAGAGAAGAAAGGGGCAGGGGGACAGAGGAGGGGGGGGGGAGAAGGG AAAGAGGGGGGAAAAGGAAGGAGGAGGGGGGAAAAAAGCGAAATTGGAAA AAAGGAAAGGGAAAAGAAACCAGGGAAACAAGGAGAGAGGAAGAGACAAC CCCAAAAGGAGAGCCCCCCGAAACCAACAGACCAAAGAGGAAAGGAGGAG AGGAGAACCGGAACAGAAGGAAGACACAAAATAAAGGCCAGAGAAGAAAA GAGAGGAGAAAAAAAAACAAGAGAAGGAAGGCCGGCCAAGGCCGAAAAGG GAAAGAAAAGGGGCCAAGGGGGGAAAAGGAAAAGGAAAAGGAAGGAAAAG G G GAA G GAAAAGGGGCCCCAAAAAAAAAAGGAAAAAACCGGGGGGGGGGG GAAAAAAGGGGGGGGGGAAAAGGAAAAGGAAAAAAGAAGAGAAAGCCAAG GGAAAGGAAAAGGCCCCAAGGACGGAACAGGCCAGGGAAAAGGAAAACAG AAGAAGACAAGAGGAGGCCAAAAGGGGACAACCACCCAAAAAAAAAACCA G GAAACCAAGGCCAGGGAAGGTTAAGGAGGGGGAAGGAAAGAAAGGAAAC CGAGAAAAACCACCCGAGGAGGGGGGGCCAAAACCAAGGAAAAGGGGGGA AAA G G G GAA G G G G G GAAAAAAAAAACCAAAACCGGAAGGAAGGGGGGGGA AAAGGAAAACCAAGGAAGGCCAAGGAAGGGGAACCCCAAAAAAAAAAAAC CAAAAAAAAGGGGAAAAGGGGAAGGGGAACCCCGGGGGGAAAAAACCAAG GAAAAAAAAAAAAGAGGGGAGAAAAGGAGGGAAGGAGGGGGACGGAAAGG GGGGGGGAAGGGGAAGGGGGGAAAAAGGGAGCCCCAAGGGGAAAAGGAA GGAAGGGGAAAACCAAAAAGAAGAGGGACCAAGAGAAGAAAGAAGGAAAA CAGGGGAAAGCCGAAAGGGGGGAAAAGGAAAAGGAATTAGGAAGCCGGAG AAAAGAAAGGAAAGGGAAAAGACAGAAGAAAACCGAGACCAGAGGAAAAC GAAA G G GAGGAAAGGGGAAGGGAAAAGGGGGAAAGGAGAAAGAAAAAAG GTTAGGGGGAAGGGGGGAGGAAAGGAAGGCAGCAAAAGGGAACGAGGAA AGGCACAACCGGGGAAAAAAAGCAAAAAGGATCCGACCACGAAGCGAGAC CCAGGAGGGACCGGAAAAAGAAGGGAGGAAGGAAAGAGGGCCAGAGAGG G G G G G G G G G G GAAAGCACCAACAGGGAAGAAGGGGAACCACGAAAGGGG AGAAGAAACCAAGGACTTGGAAGAACGGAAAAGGAGAGAGAAGAGGGAGG AAGAGGCCGGGGGGGGGGGGGGAACCGGGGAGAAGGGGAGAGAAGAGAA CCCGAAAAACCAACAAAAAAAGGGGAAAAGACAAAAAGGGGGAGGAAAAG GAAGGAGAAGGCCAAGAGGAAGAAGCCAAGAGGCCCAGGGGGGAAAGCCG GGGGGGAAGGGACAGAAGAGGCAGGGAAAAGAAGAAGGAGGGGAAGAGG G G G G A G A G G G G G GAGGGAGGAGGGCGAGGGAAAAGGAGAGAAAAAAGGA AAAAAAAAGGGGGGGGGGGGGGGGGACAAAAACGGCAAGGAAGGGAAGA GAGGGGGGGAGGGAGGAGCCGAAGAGCCGACCCCAAACAGACAGACAAGA AA A GGGAAGGGGCAGGGGAGCCGAAAACGGGGAAAGACGATTGGGACCA G G G G G G ACCGGAAGGGGGAGGCAGGCCACCCCAAGGGACCCACAGACAAA A G G GCGGAAAAGGGGGAAAAAGGGGGAAGGGAAAGAAGGAAGAGAAGAG GAAACCGACAAGGAGGAAAAAGGGGGAAGGGGCCAAAAGGGGGGGGAAG GAAAAGGAAAAGGAAGGGGGGAAGCAGGGCCAACCGAGGGGTAAAGAAGA GGAGGAAGGGGAAGGGAAGAAGGACAAAGGGAGGGAGAACCAAGGGGGA AAAAGGCCCCAGAAAAAGAAAAGGAGAACCGGAAGGAGGAGGAAGGGAAA AAAAGGAAAAGAGAAGGGGAAGAGAGTTCGGGAACAAAAAGGACAAAAAA AAAAAAGGAAAAGAAAGGCCGGAACCGGCCAAAAAAAAAAGGGGAAAAGG AACCAGAACCAGAAGGAAGGTTAAAGAAAAAAGGAACCAGGGGGGGAACA GAAGGAGGGAGGAAGGGGGGAGAGACTAAAATAAAAAAGGCCAGGAAGGA CCAGAACCAAGAAGTTCAGAAGAAGGAAAAAAGGAAGACCGGAGAGGAGA GGGGAAGAAAGAGAAAGGGGCAGGAGGGAGGGGGAAAAAAGGGGCCAAA AGGAAAAGGGGGGAAGGTTGGCGGGGAAGAGGGGGAACCACAGACAGGA AGGAAGGAAAAGGGAGACGGGGAAAGAAAAGGACCAAGCCGAAAAAGGAG

AGAACCGGAAAAGGAAAAAAGGAAAGAAGAGGAGAAAAAGGGAGAGGAAA

 G G G GACGGGACAGGAGGGACAGGAGAGAAGAGAAAACAGATTGAAAAAGA AGAGAGAGAAGGACGAAAGAGGAAAGACAAGACAGAAGCCAAAAGGAACC GAAGAGAAAGGGGGGGAAGGAACGGGAAAGCCCAGGAAGAAAGGAGGGG G GAAAAAAAAGAGAGGGAAAAAAGGAGGGAGGAAGGGAAGGAGGGGGAC AAAGGCAAGGGGGGCCGGAAAACCGAAAAGAAAAGGAAGGGAGGAGGGG GACGAAACCGAGAAACCAAAAAAAACCGGGAAGAAAGGGCAAATTGGAGA GGAAACCAGAAAGGACCAAGGGGAAGGGGCCAACGAAGGAGGAGAAAGGG AGGGACGAGAAAGGACCGGAAAGGAAAAGAACCAACCAGAAAAGAGAAGA AGAAAGAAAGGAAAAGGAAGGGCGGGACCAAGGAAGGGGACGAAAAGGAA AAAGGAAGAAAAGGAAAGGGGAAGGGGGGAGAAAAAGGAGGGAAAGGGG TAGGAGAAGGAAGGGGGAGAGAGGGACGAAGGGGGGGGGGGAGGGAGAG GGAGGAAGGGGGGAAAAAGAAAGAAGAAGAAGGCCAAGGGAGGCAAGGG AAAAGAGAGGAACCAAAGAGGGAGAAGGGGAACAGAAGGGGAAGAGGGCA AGCCAGCAGGAGGAAGGGAGCAGGGGGAAAGGATGGCCAAGGAAAAAAAA GGAAGGAAAAGGGGAAAACCGGGAGGAAGGAGAAGGCCGGAGAGGGGGC
 AA $\operatorname{l}$ GGAGAAGGGCCGGAAGAGAGAAAAAAAGGGGGGAAAAGGACGGAAAG AA GAAAAAAAGGAACCGAGGGACCCAGGCCCCGGAAAGAGGGAAGGGGGG G G A G G G A G A G G G G G G G G G A G GAGGAACCAGAGGAGGGAGGAAGAGGGAG GGACCGGGGAAGAAAAGAGAGGAGGGAAAGAAAGGAAGGGGGGAAGGCC GGAAAAAAGGGGAAGGAAGGAAAAAGGAAGGAGGAAGGAAAGAGAGGGA GAGGAGGAGAGGGAAGACAGGAGGGCCAGGGAAAAAAAACCAAGAAAGGA CCCGGAAGGTTAAACGGAAAAGGGGAAGGAGCCAAAACCAGAAGAAGAGA CCAAGGAAGGGAGAAGAGAGAAGAGAGAGGAAGCCAAGGGGGGGGAAAG GGAGGACCGGGGAAAGAAAGGGAAAAGAGGGGGGGAGGCGAAAAAAAAAA GAGGCCAACCATGCGGAACCCCAAGGAAAACCAGAAGGGGAAAAGGGGAA CCCCAAGGAAGGAAGGAAGGAGGAGAAACAAACCAAGAGAAAAAGGAAAC GGCCGGGGGGGGAAGGCAAAAAGGAAGGCAGGGGAATAGGAACACAGGG GAAAAGACCCGCCGGAAAGACGAGGCCGGAAAACCGGAAGAAAGGAAAGA G G G G G G G A A G GAGGAAACAGGAAAAAAGGGGACCCAGCCAGAAGGGGAA GAGACCGGAAGACCAAGGGGCCGGGGGGGGAAAAAGGAAGAGAAGAGGG G G G G G G G G GAAAAGGAGCCAAACGGACAAGGGAAGAAGGGGAAGGATAG CCAAGGGAAGACTTCCAGACAAGGGGAGAGGGAGGAGGGGGGAGGGCAG AGGGCCAGGAAAAAAAGAGGGGGCAAAAAGGAGAAGGCAGGGAAAAAGGA CAAGAAGGGGGAAAAAACCAAAAAAAGCCAAAGGAAACCAACAGGAGAAA AACCCAAAGAGAGGAGGGGGGGGGGCCGGAAGGGGAAAAGGAAAGAGAA AACCAAGGAAAACAGAGGAAAAAAAGAGAACAGGGGGGACGAGGAAGAAA GGCCCGCCAGAGGGACGGGAAGGAACGAAAGGAAGAACCCAAAGCCAAAA AAAAGAGGGGAAAAGAGGAACCGGAGAGGAAAAGAGAAAAAGGGAAGGGG AACCAAGGAAAAAAAAGAGAAAAACCAGGGGGAAGGGGAAAAGGCCGAGG GGTTCCGGCCAAAAAAGGAGGAGGAAGGGGAAAAGGGGGGGGAAAAAAAA TTCCGAGAACAAGGAAGGAAAAAAGAGGGAGGGGGGAGGGCCGGGGAAG GAACCAAAAAGACAAGAAAAGAGAAAAAAAAAAGGAGGAGGAATTGGGGA AACAATTAGGAACGAAAGGGGAAAAAGAGGAGGCAAGAGAGAGGAAGAAA GGAAACCGGGGAAAAGGAAAAGGAAAGAAACGGCCAAAAGAGGCAAGGGA AGAGGGGGAAGAGCCAAGGAGACAAAAAAAAGGGGGGGGAGCCAACAGAC ACCGGAAGGAAAAGGAAGGAAAGGGGGAAAGAGAAGGAAGGAACCAAAGC
 CAAGGGGGAAGAAGGGGAAAAAACCAAAGGGGAAAAGCCAAGGAGAGCCC CAGCCCCCCAACCAACCGGCGGGAGAAACCCAAGGAACCAAGAGGAACCG G G G AACAGAGGGGAGGGAGGGAAAAAAAAGACCAGAAAAAAAAAAGAAAG A GAGGGGCCAGGGACCCCCGAAGAGGATTGGAGAAGGGAGAGGAGCAGG ATCCGGAGACGGGAAGGAAGGGGGAAGAAAAGAGAAGGAAGAAAGGAAGG G G G G G GAACAGGGGAAGGGGCAAAAGGGAAAAGAGAAAAGAGAGAGAGG GAAAAAAGGAACCGAGGAAGGGGGGCCAAGACCGGGAAAAAGGGGAAGAA AAACAGAGGAGAAACACGAGGAAAAAGGAAAAAGGAAAAAAAGGAAAAAG GAAAAACCCGCGGCCGGCCAGGAGGGAGGAGAAAAGGAAAAGGGGAAAAG GAAAGGGAGAGGAGAGAGGGGGAGGGGAACCAAAGGAGGCCGGAAGGGA

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 AGAACCGGAAAAAAAACCAAACAGAAAAGGAAAGAGAAAGAGACAGAAAA G GAAAAAAAAGACCAGTAAGAAGAGGGGGGGGGGGGAAAAGGAAAGAAAA G G G G G A G G GAAAGGGAAAAGAGGGAAAAAAGGAACCAACCGAGGAAAGGA G G G G GAGGGAAAAGGGAACGGGTTGAAGCCGGAAGGAAGGGGAGAAGAA AGGGGGGGCGGAGAGAAAAGACCCCGGACGGAGAAGGAAAGGGAGGACC G G G G G A G G G A A A G G G G A G G G G G G G G G G G G G A G G G G GA G G G G A A CC C A A GGGCCCCGGGGAAAACCGGCCAAAAAGCCGGGAGGGAGGAGCGGAGAAG GAGAGGGGAGAGAAACGGAGGAGGAAAGAACAGGGGGGAGAAAAGAGGG AAAAAAAAAAAGGGGGGGAGAAAGAGGAGGGGGACGAGAGGGGAAAAAAA AGGGGAAACAGAAAGCCCAGGGGAAAAAAAAACGGTAAGGGGGGGCCGAA ACCGGGACAAAAAGGAGGGGAGGGAAAGGAGGGAAAAGGGAGGGGGAAA GAGGCCTTGGGAGAGGAAGAGGAAAAGGAAGGGGGGAGGGAACCAAAGG GCAAGAACCAACCAAGGCCGGGGGGAAAAGAGGAGAAAAGGCCAAGGGAA AGGAGCACCAAAAGGGGAGGGGAGGAAAGAAGGGAAAAAGGAAACGGAAG GAAAACACAAGAAGGCAAGGGGGGAGGGGCCAAAAAAAAAAAAGGAAGGA AA $\operatorname{G}$ GAGGAGCCGGAGGAGAGAGAAAAAAAGGGAGGAAAGGAGGACAGGG AAAAACGAGGGGGACCAAGGGGGGCCAGAAACAAAGGAGGAAGGAAGGGG AA $\operatorname{GA}$ A $A$ GAAAAGGGAAAAGGGGGGAGGGAAAGGGAGAAAAAAAAGGAAGG GAAAAGAGGAGGCAGAGGAACCCCACGGAAGGCCGGGGAAAAGGGACAAA GAGAGGCAGGAGAAGGGACACGAAAGCAAGACAGAGAAGGAAGAGGAACA GACCGGAGCAAGGAGGAAGGCCAGAGAGGGGGGGGGGAAAACGAAAGGA AAAAAGGGGGGGACCGGAGAAAACCAACAAAGGAAACGGAACAGGGCATG CAAGAAAGAGGGGGGACAAAAGGGGGAGGGGCAAAGGACCCGGAAGGAG GACCAAAGGAAGGAAGCCGAAGCAGAACGGAGAGAATAGAGAAAGGGGGG CCAA G G GAGGGGAAGGGGGGAAGGGGAGGGGGGACCAGGACCCCCCGGA AGGACGGGAAAAAGGGGAGAAAAAAAGGGAGTAGAGGAAACGAAAAAAAA AGGGGGAAAAGCCAAAAAATTGGCCAGCAAGAAGGAAAAAAGGGGGGGAA C GAGAGGGGACAGAGGGAGGAGGCAAGGAGAGAGGAAGGGAACAAAAAA G G G G G G G A G G CCCAAGGAAAGAGAAGGGGGAACAAGGGGGAAACCCGAC CAAAAAAGAAGCCGAGGAGAGCCGGAAAAAAGGAAAAGGAACCGGGGAGA AAAGGGGAAGGGGAACCAGGAAAAGAAAAAATTACAGAGGGAAGGGGAAG AAGGAAGAGCCAAAGGACAAGGGGGAAGGAAGCCCAAAACAAAGGAGAAG CGAGGAGAACCGGGGAAAGGGGGGAAGAGAGAAAAGAGAACAAGAGGAAA AAGGAGAAAGAGGGGGGCCGAGGAAGGCCCAAGAAAGGAGCGGGGAGAG GGCAAAGAGGAGGAAAAGCCGAGGGAAAGGAAACAAAAAAAAGGAAGGCC CAAGAAGGAGAAAAAAAAGGCCAGACGGAACCCCAAAAGGGGGGAAAAGG GGAAGGTTGGAAGGGAGGGGAGGGAAAAAAGGAAGGCCCCAGAGGGAGA GAGAAAAAACCAAAAGAGAGGAAGGAAGAGGGGGGGGGGGGAAAAGGAAA AAAAAGGGGGGCCGGGGGGAAGGGGAAAAGGAAGGAAGGGGGGGGGGCC

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 G GAA $\operatorname{l}$ GGGGAGAGGGAAAAAGGGAAGAAGGCCCCAAAGGAGGCCGAAAAA AACCCCGGGGGAAAAAAAGGCCGGGGAAGGGAGAGAAGACAAGGCCAAGG AAAAAAGGAAGGGGGGAAGGCCCCGGAGGGAGAGAAAGGGGGGAGGAAA GCCGAAAAACAGAGAGGGGGGGGCAAACCAAAAGGAAAGAGAATAAAAGG GAGTAAAAAAGAGGGAACCAAGAGGAAGGGAGAAAAAAAAAGGAAAAAAC CCCGGAAGAAGGGAAGGAAAAGGGGGGGGGGAAGGAAGGAAAAGAGGGG CAGAAGAAGGAGGAGGAACCAAGCGGGAGAGACCAGGAAAAAGGGGGGCC GAAAGGAAAAAAGGAAAAAAGGAGAACCAGAAAGAGAGACGAACGGAACC AA $\operatorname{A}$ GGGGGAGGGGGAGGAAACCCCAACAGAGGCCGGGGGGAAGGAACAA A G G G G G G A A G G A G G GAACCGGGGAAAAGGAAAAAACCGACCCCGGGGAAA G G G G G A A G G G GAAGGGGAACCAAGGGGAAAACCAAGGGGAAAAAAGAGA GAGAGGGGAAGAGAAAAAAAAAAACCGGCCCCGGGGCAGGGGGGAAGAGG CCAACCGGGAAGAAAAAACCAAAACAAAGGAAGGAAACAAAGAAAGGGGA G GAAA $\operatorname{la}$ GACAAGGGGGGAGGGGGAGGGGGGGAAGGAAGAGAAACCGGC CAGGAGGAAAAGGCCAGTTGAAAGGGGAAAAGGAAAGAGCCGAGGAAAAA AAACCGGAAAAGGGGGGAAAAAGCCGAAACCGGCCAAGGACGAGGAAGGA AAAGGAAACAGGGGAGGGGAAGGAAGGAAACCCGGGGGCAAGGGGAAGG CCGGGAGGGAGGAAAAGGAAGGAAAGAAAAGGGGAGGGCCAGAGGAGAA AAACAAAGAGAAAAACCACAGGGGGGGCCCCGGAAAAAAGGGGAAGGGGG GGGAAGGAAAAGGAAAAAAGAAGGAAGAGCCAAAAAAAAGGGGGCCAACA AAAGGAAAGAAGGGGGGAAAGAGGGAGAAAAAAAAAAGGAGAGAAAAGAA AGGAAGGAACCGAATAAGACCACAAAGGGGAAGCCAGCAAAAAGGGGAAC CGGAAGGCCGGGGAAGACAAAAAAAGAAAAAGGGGCCAGGAGGCCCCCCC CAGAAAAGGGGAACCGGGGAAGGGGAAAAGGAAGGAACCAAGGGGAAAAA AAAGGGGGGAAAAAAGGCCCCGGAAAAGGCCAAAAAACCGGAATTAAAAA A G G G G G G A A G GAAGGAAGGCCGGGGAAAACCAAGGGGGGAAGGGGAACC G GAACCAAAAGGGGAAAAGGAAGGGGGGAAAAAAAAGGCCAAGGCCCCGG AA G GAAGGAAAAGGAATTAAGGCCGGGGAAGGGGGGAAGGAAGGGGAAC A G GAAA G G G G GCCAGGGAAAGAAGGGAGAGGGAGGAGAGGAGCGAGGGG AAAGGGCAGGAAAAAACCGGAAGGAGGAAAAGATGGGGGGAGAAGACAGG GAAGAAGGGGAGACAAGGGGGGCCCCCAGGAAGAGAGAAATACCGAAACC AGGAGGAGGGAAAGCCAGGGGGAACCGGAACCCCCCGGGAAAAAAAGGAA AAAAGGAAGGGGAGAGAAGGCGCAGGCCAACCAGAAGGGAGGAAAAAAAG AAAAGACCAAAAGGAAGGAAGAAGGGCCGGGAAAAACAGGGAGGAGGGGA G GCCGAAAGGAAGGGGGGAAGGGAAAAAGGAAGGAACCGGAAGGAAAAG GGGGGAAAAGGAAGGCCGGAAAAGGCCAACCGGGGAAAAGGGGGGGGAA CCGGGGGGGGGGGGGGAAAAAAAATTAACCGGAAGGAAGGAAGGCCGGA
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 A G G G GAACAAGGAGAGGGAGAGGGACAAAAAACCAGCCGGAGGGAAGGG GGAAACAGAAAAAAAAGAAGGGGACGAACAGGAGGAAAACCAAGGGGAAA G GCAACAAGGAGAGACAGGGAAAGGGGAAGGAAGGCCGGAAAGAAGGAGA
 AA $\operatorname{G} \operatorname{GGGGAAAAGAAGGAAGGGGCCCCACGAGGCAAGGGGAGGCCAGGAA}$ GAAAAGGAAGGACAGAGGGACAAAGGGGGAGAACCAAAGGGAAAAAAAGA GGGGGAAAGACGGAGAGAGAGGGAGAAAAAAGGAGAGAGAACCGAAAGG GGACGGAAGGAGAGACGGAGGGAAGGTTGGGGAGGAGGGAGGGGAACCG GAAAGGGGGGAAAAGAAAAGGAACAAGAGGACCAAGCAAAAGGGGGGGGA AA G G GCCCCGGAAGGAAGGAAGGGGAAGGGGAAAGAAAAGGAAGGAAGG GGAAGGGGGGATAGGGAAACGGGGAAGGGGAGAGGAGGAGGAGAGGGAG G G G G G ACGGAAAGCAGGGAGGGGAGAAAAGGGGCCGCAAGGAAGGAGGG CCGGAGGGAGAGACAGACGGGGGAAGGGAGGAAAGGAGAAACGGAACAG AGGACGGACGACCGGAGGGAAGGAGGAGGGAGAAGGGGGGACCGGAAGG AAAGGAGAGGAGGGGAAAGGAAAAAGAGAAAACAAAGAAGAGAGAGGGAA AAAGAGGGGGGGAATAAGAGGGAAAGCAGGCCGAGAAGGGGGAAAAACG GGGAAGGAGAAGGGGAAGGAAAAGAGAAAGGGGGAGACCGAGGAGGGAA AAACAGGGGGGGACAAAGGCAAGGGAAAAGAACCAAGGAGAGGAAGGGAC CAAGAGAGGGAGAGAAGGGGAGGAAGGGAGGGAGGAGAAAAAAAAAAGA GGGAGGGAAGGGGAGGACCAGGGGAGACCAAAAGGAAGGGGAAAGAAGG
 AA $\operatorname{GCCCCGGACAAGGGGGGAAGGCAGGGAGCGGCAAAGGAAGGGGAAGG}$ AA $A$ AGGAGGGAGGGCCGGACGGAGAAGGGAGAAGGGAAAAGAGGGCGAA TCCAGGAAGAGAAAAAAAAAGAAGGAATTAAAAGGGGAGAGGACCTTCCG GGGGGAGGAAGAGGAAAGAACAAAAAAAAGGGGAAGGGGAACAAAGGCCA GAGGACCGGGAGGGGGGAAGAGGAAGGGGGGAAAGGAGGCACCGGAGAA GGAAGGAAGGAAGAAACCCCAAACCCAGAGGGGGGGAAAAAACCAGGAGG

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AA G GGGGAACAAAGAAGAGGGGACAGGGAGAGGGGGGGGGGGAAAAGGA ACCGGAGCAAAAGAAAAAAAAAAGGCAAAGGCAGAAAGGGCGGAGGGAAA AGGAGAGAGAAGGGGGGACAGGAGGACACGGCCCCGGAGAGCCGGGGCC GGCAGAACAAGAGAGGGGAAGGACGGAAGGGAGGGGAAAAGGGGGAACG GAAACGGAAGGAGGAGGCCAGGGAAAAACAAGGCCCCGACAAAGGAAAAG GACGGGGAGAAAACCGGAAAGGGGAGAAGCCGGAAGAAAAGGAGGAGACG GAAGAAGAACCGGAGGAGGGAGGGGACGAAGGGGGAAAAGGAGAGGAGG AACCGGGGAAAAAAAAGGGGGGAAGGAACCGGAGACGGGGAAGGGGGAG A G G G GAGAAAGGGGGGGGGGGAGAGAGCCGGCCGGGGGGGGAGGGAAAG AGGAAAGGAGGAAAGAGAGAAGGGGGAAACAGGAAAGGGAGAAACCTTGA GAGGCCAGGGGAGGAAGGGGAAAAAGAGGGCCGGAAGGGGGGAGAAAAG GCCGGGGAAGGGGGGAGGGAGAAGAAAGGGGGAGGAGGGAAGGGAACAA CCAAAACCGGAGCAGGAAAAGGGAAGAAAAGAGGAACAAGTTGAGGAGAG AA GAAAGGAACCGGAAGGAAAGGGGGGGAAGGGGGGAGAGGGAGAGAGG GCAAGGACCAAGGGAAACCGGGAACGGACAAAAGGGGGGAGGACCAAAGG AAGACAGAAAAGGGGAAAGAAAGCAAAGGGGGGAATTGGGGGGCAGGGAA TAAACAGGGAACCGAGAGGGAAGGGGAGGAAGGAGGGGAGGGGGAAGCC CCGGGGCCAAAACCGGAAGGAACCGGAAAACCCCGGAAAAAAGGAATTAA AACCAAAAAAGGAAAAAAAAGGAAGGGGAAGGGGCCGGAAGGGGAAAAGG GGAAGGCCCCAAAACCGGAAGGAAAGAGAGGGAAAACCAAGGGGGGAGGG AAAGGGAGAAGGGAGAGAGAGACAACGAAAAGAGGAAGCAGAAGAAGAGA GAAAGGAGGACAGGGGGGGGAAGAAAAAGGGGAGTTGAAGAGAGGGGGG GAAGGAAGGGGAAGGAAAAGGAAAAAAAGAAAAGGCCGGGGAAAAAAGGA CACGGGAAAAACAAAAGCAAAGAAAGGGGAAGGAAGAGAAAAGAGGGAGA AA G GAACAAGGAACAAAGGGGGGGGAAGGGGAAGAGGGGAAGGAAGGGA AATAATAGGGCCCCAAGGGGAAGGAGAAAGACGGAGAAACAAGAGAAGAG GGACGGGAGCGACCAGGAGGAAAAGAAAAAAAAAGGGGCACCAACCAAGG AA GGAAGGCCAAAAGGGGGGAAAAAAGGGGAAGGGGAAAAGGGGGGAAA AGGGGCCGGGGAAAAAAGGAAAAGGGGGGAAAAAAAAGGGGGGGGAAAA GGGGAAAACCCCAAGGGGAAAACCGGCCCCGGAAAAAAAAAAAAAAAAGG AAAAGGAAAAAGGAGGGGAAGGCCGGAAGGGGAAGGAAGGAAAAAAGGGA CCAAGGAGAAGGAGAGGGAGGGGGAAGGCCGGAGGGGGGAGGAAGGGAA AAAAAAAAAGGCCGGAAAAGAAATTGGGGAAAAGGGGGAGGCCAAAAGAC CGGCCAACCAGGGACAAACCACAAAAAAAGGAAGGGGAAGGGGAAGGAAG GAATTGGACCCAAAAGGACGAAAGAGGGGATGGCCGGAAAAAAAAAAGGA ATTAAAAAAAAGGAAGGAAAAGGCCAAGGGGCCAACCGGGGAACCAAGGA AAAAAGGCCGGGGGAAAAACCGGACGGAAAAGAAAAGAAAAAAATAAAGA GAAAGCCAACCGAGGCCGAAGGGGGGGGAGCCCGGATGAAGAAGAGGACG GAGGGCGGGGAAGGGCCGGAAGGGGAAAAAAGGGGGAGAAAAAAAAAGG AAAAGGGGGGAAGGGGGGAAAACCGGAAGGGGGGGGGGGGCCAAAAAAA AGGCCAAGGAAGGAAAAAACCGGAAAAAACCGGAGAGGGAGGGCGAGGGC CCCAAGGGAAGACCCAAGGGGAAAAAAAAAAAGAAGGAAAGGGGAGGAAA AGAGGGAAAAGAAAAAGATAGGGAAAAGGAGAAGGGGAAAAAGAAGGAGA CAGCCGGGGAAGGAAGGGAGAGAAAAGGGAAGGGAAAACGGCCAAAACCC CACGGCCACAGCCAAGGAAGGAAGACCAAGGGGAAAAAAGGGGAAGGGGG GAAGGAGGACCGGGAAGAGGAAAAACCAAAAAAGGAAAAGGAAGGGGGGG GGGAAGGGGGGAAAAGGGGAGCCAAGGGGGGAAGGGGAAGAGGAAAGGG AAGGAAAACGAGAGGGAGAGGAAGAGAAAGAAAAGAAAGAAGGGGAAGAC CGGGGGAGGGGGCCAGGGGGAAGAAACCATGAGGAGGACCGAGGGGGGA AGGGGAAGGAAGGAAAAGGGGGGAAGGAGGGGGGGAAAAAGAAAAGAGG ACAAGGAAAGAGAGGGCCAGAAGGGAAAGGGGAGAAGGGGAAGGGGGGA ACCAGGGGAGAAAGGAAGGAAGGGAAAAAGGGGGGGGGGGGGAAGGAGG AACCAGAAGGGAAGGAGAGGAAGGAGAGGGAGAAGGACAGGGAGGGGAG AAAAGAGCCAAGAGGAGAAGAGAAGGGAAATCCAAGGGGGGGGAAAAGGG GAGGGGAAGAGGGAAAGGAGGGAAGGAGGGGGGAAACGAGGAAGAGAGA AAAAGGCCGGAAGAGGGAAAGAAACCGGGGAGGAGGGGAAGAGAAAGGA GAAAGAGAACCCCAAAAGGGGGAGGGGAGAGGGGGAAAGGGAAGAAGGG GAGGAGCAGGGGAAAAGGAAGGAAGGAAGGAAAAGGAAGGCCGGCCAAG GGGGGAAGGAAAAAAGGGGGGAAAACCGGGGGGGGAAGGGGAAGGAAGG AAAAAAGGAAAAAAGGAAAAAAAAAAAAGGAACCTTGGGGAAGGGGCCGG GGGGAAAAAACCCCGGAAGGAAGGAAGGGGCCAAAAGGAAAAGGGGGGG

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GAAGAAAAAGGGAACAAAAAAGAGACAGGACAAAAAAGGGAAAAAAGGAC CAAGCGAACAAGGAAGGGGGGAAAAGGAAAGCAGGAAGGGGAGCCAAAAC CGAAAAAACGAGGGGGGAGGAGGAACCGGGGGGGGCAAAAGGAAAGGAA AGAAGAGAGAGGAAAAAAAAGGGGCCGGAGCCGGGAAGGGAGAGAAGGCC GGAGAGAAAGAAGGGAAAAAGGAAGGGAGAAGGAAACAAAAAAAACACGA AAAAGGGACAGGAAGGAAAACAAAGGAAAGGAGGAACAGGGAGAGAAAAA GGAAAAAGGGTTGGCAAAGGGGGAGAAGAAGGGGGAGGGGGGAACCGGC CGGGGAAGGAACACAAGGGAGAGAAAAAAGGAACCAAGGGGAAACACAAA GAAACAGAAAAGGGGAAGGAAGGGGAAGGGGGGAAGGGGGGGGGGAAGG AACCGGGGGGGGAAGGAAGGGGAATTAAGGGGAAGGCCGAGCAAAGAAAA GAAGGGCCGGGAGAAAGGAAAAAAGGGGAGAAAAAAAAAAAAAGCCAAGG AAGAGGCCAAGAGAGGAAAGGGAAGGAAAAAAGGGGGGAAACGAGAGGCC AAAAGAAGGAGAAAGGAAAAGGGAAGAAAAAAGGGAGGAAAAGAATAGGA AGAAGAAGGAAAGGAAAAGAGGGGAACCGAGAGAACAGGGAAGGGGGGAA AAGGAAGGCCGGGGGGAAAGAAGGGGGGGGGGGGAAAGACAAAAAAAGG AGGGGAGCCGGAGAGAGCAGAAAGGGGGGAAAAAAGGCCGGAAGAAAGG CCGGGGAGAGGAGAAAGGAGGGGGGGGGGGAAAAAACCAGGACAAGACG GA $\operatorname{ll}$ CATAGGAGCAGGGGGGGGAGGACCGAAAGGGGAGAAGAGGAAAACC AAAGGAAGAAAAGGAAGAAGAAAATAGGGAAAACCGAAAGAAAAGGACCC GGGGAAGGGGCCAGGAAGGGAAAGGGAAAAAAGGACAGAAACGGAGGAAA AAAAGGAGAGAGGGCCGGGGGGAGCCCCAGAAAGGAGAAACCGGGGAAAA GACAAGAGGACCGGAAAACCGGAAGGGGGGAAAGAGAGGGCCAGAAAGGG GGGGGGAAGGGGGGGGAAGAAGGGGAAGCCGGCCGACAAGAAAAGGCAA CCAAGCCAAGAGGGAAGGAGGAGGGGACCAAAACCGGAAAGAGCCCAAAA CAGCAACAAAAAAGGAAAAAAGGGGCCAAGGAAACGGGAAAGGCCGGCCA ACCAGCAGGGGAGAAGAGAAACAAAAAGGGAGAAAAGGGCCAAAGCCCAG GAAAGAAGGAGGGAAGAGGGAACAAGAGAAAAGAAAAGGAAGGAAGGGGA GAAGAGAGAGAGAAGCAGGGAGAAGAAGAAGGGAAGAGGAAAAGGGGGA AGAAAACATTGGAGAAGGGGAAGGGGGGACAAAAGGAGCCCCGGAGGAAA AAGGGACCCCGGGGGGAAAAAAAGGGAAAGGGAAAAAGGGGGCCCCAAAA AAGGAGCCGGGACCAGGAACAAAGGAGGGGAAGGAAAAAAGGGGGGAGG GAAAAAGCCGGGGCAAACAAAGAAAACGAGGAAACAAAAAGCAGGAAAGC CGGAGAGGGGGGACCGAGGAAAAGAAAGGGGAGAAAAGGCCAGAAACGAA GGAGAAAGGGGGGGAAGGGTTAAAGGGGGAAAAAGACGGCCAGAGGGAG GGAAAGAAGGCCAAGGAAAAGGTTGGAAGGGGGAGACAGAGGGGGAGAA AGGAGAAGGGAAAGGGGCCAGAACCAAGAAAAAGGAAAAGGAAAAAGAGG GGAGACAAAGGGGAGGGGGAGGAGGGGAAAAAAAGAAGGCCGGGGGGGG AAAAGGAAGAGGGGAAGAAGGGGAAGACGGGGCCGGAGAATTAAAAGGAA GGGGAGGGAAAAAAGGAAAAAGAGGAGAGGGGAACCAGGAGAAAAAGGAG GGGGAGAAGGAGAAGGCCAAAAGGGAGAAGAAGGAGCAGGGAAGGGGAG AAAAGAAGGAGAAAACCGGTTAGACAAAGGGAAGGGAAAAACCAAAAAAG GAAAAAGCCAAAAAGAAGGGGGGAAGAAAGGAGGGAAGAGAAGAGGGAGG AGGAAGAAGAGGGAGGGGGGGCCGGAAAACCGGAGGAAAAGGGCAAAGG GAGAGGAACCAACCCCCCGGAGGGAAGGAAAACCAAGGGAGAGGGAAAGG TTAAAACCTTAAGGAAGGAAGAACACGGGGAAGGAAGGTTAAAAAACCGG AAGGGAAAGGCCGGAAAAACCAACAACCGGGGAAAAAAGGGGAAGAAAGG GGAGGAAAGAAGAAGGAGAAGGGACAAAGGAGAAGGCCGGAAGGAAGGAA AAGGAGCAAAGGCAGGAACCCCAAAAAGCCAGAGCCAAGACCGACCGGGG AA G G G GAACCAAGGGGGGCCAGGGCAGGGAAGCAGGGGGAAAAAGGGAA AAGGAAGAGGGGGCCGAGCGGAGAGCCATGGAGCACACGCCAACAGGAAG GAAAGAAGGAGCAGAAAGGGAGGCAACGGGAGGGGATGGGAAGAGAGGG GAAAGGAAAAGGGGGGCCCCAAAGCAGAAGGGCAGAGGGGAAGAAACCGA GGCAAAGGAGTAAAGGGAAAGCCCGACCAAAAAACCAAGGAAGGAACCAA AGAGAGGGCCGGACCAGGAAAACCGAAACCAAAGCCGAGCAAAGAGAAAG GAGGAAGAGGGGGGCGAAAAGGAGGACCAAAAAGGGAGCCGGAAGGGAA AAAAAGGCACCACGAGAAAGACCCCGGAAGGCAGGCCAAAAGAAGAAAGA AACGAGGGGAAGGAAGGCAGGAGGAGAAGAAGAGGGGGGCCCCAAGGAA AA G GAAGGGGAAAGGGAGGGGGAAAGCAAGAGGGGGGGAGAGAAAAAAA GGAGGGAAAAGGAGAGGGGGGGGAAGGAACCGACAAGCAAGGGAAAAGA GGGGGGAAGGAAAAGGGGGGAAGGAAAAGGAAGGGGGGGGGGGAAGAAG GTTAGAGCCGGGGAAAAGGGGGGGAGGAAAAGGAAGGGAAGGGGGACAA

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A G G A A CCGAGGGGGGGGGGGGACAGCCGGGGGGGGAACCAGAAAAGGGG
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$28113000-9$ AA G GAGCCAGAGGGGGAAGGAGGAAAAAGGGGCAAAGGAACC CCCCAAGGAAAACAGGAAGGGAAGCCGACAGGAACCGAGAAGGGGAGAGG GACCAGAAGGGGCCGGAGCCGGGGAAAGCCAAGGAAAGAGAAAAGGAGAG AGACGGGGAAAGAAGGAAAAAAGAAAGGAAAGCCGGGGCCGGAGGAGAAA AA G GAAAAAAACGAACGGACAAGGGAAAGGAGGAGAAGAGAGACGGCCAG AA $\operatorname{l}$ G G G GAGGGGAGGGGGGGGGAAGAAGAGGCAATTGGAAGGAAAGGAG AGGAACCAGGAAAAAAGAACCGGGGGGAAGGAAGGAAAAAAAAAAAAAGG AA $\ln$ AGGAGGGAGGCAAGCCAGAGGGGGAAAAAAAGAACCAAAAGAGGAAA GAAGGGGCCAACCAGGAAAGGAAGGAACCGGCAACCCAGGGAAGGGGTAG GAAGAAGTTAAGGAAGGGGAAGGAACCAAGGAAAAAACATTCCAGGGCCA GGGAAAAGGAAGGGAGGAAGAAAAAGAGAAAGGAGAAGAACGGAAAAAGA AAGAAAGGAAAGGCCAAGGGGCCGGAGGGAAAAACGGAAAAAACCAAACA GACGGCCGGGAGAAAGGAAAAAAGGGGGGGGGGGAAAGAGAAACCAAAAG GGGGGGGCCGGGAGGAAAAAAAGGGAGGACAAGAAGAGGAGAGGACCCA GGAAAAGAAGGACAAAGAAGGGGGCACCCCGGAGGGGGGGGAGGAGAGC AAGAAGAAAAAGAGGCAGGAAGGGGCCAAGGGGGGGGCCGGTTGGGGAA GGGGAAAAACGAAAAAAAAAGAAGGAAATAAGCCAAAAGGGGGGCCAAAA GGAAAAAAACGAGGAAAGGGCCAGAGAAGGAGCCAGACAAAGCCGGAACC AAGGAAAAAGAAAAAGAGAACAGAAACAAGAAAGGAAAGGGGCGAAAAGG GGAAGGAAGAAGAAAAAAGCGAGGAAAAGAGGGGCCAAGAGGCAACGAGA TAACAAGACGGAGCAAGAGAGGGGAAGGGGGGAAGGGGAAGGAAGGAAA AGGCCGGGGAAGGTTAAAAGGGGGGAAAACCAAAAAAAACCAAGGGGAAG GAAAGGAGACCGGAAAAGGAGACGGAAGAACGAGGAAGGGAAAGGAGGAA CGAAAGAAAACGGACAGGGAAGGAAGGGGAAAGGGGGGGAAAGAGAACCA GAAACCAGGGGGAGAAGGAGGCAAACCGCCACAAACAAAGAAGAAAGGAC CAAAAACAGGGAGAGCCGATAGGTAGGACGAAGAGGAGGGAAAAGGAAGG GAGGGAAGGGGGAAAAGCCAAGAGAAGGAAGAGAGAAAAGGCCAAGGGGA AGAGACAGAGAGGGGAAAACCGGAGGGCCGAAGGAAAGAAAAGGAAAAGA GTAGGGGAAGGAGAGCCATGGAAAAAAAAGACAAAAGAGAAAAAAAAAAG GGGAAGGAAAAGGAAGGGGAGGAGAAAAAAAGGCCGAAGGGAGCAGGGA CCAGAGAAGAACAGGGAGAAGGAGACGGCCAAAGCGCCGGGGAAGGAAGG CCGGACAAAAGAACCCGGAAGAAAAGAGGAAGGACAAGAAAGAGAGGACA

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 G GAAGGGAAAGGGAAAGGGAAAAAAAAGACAGGAGGGAGGAAGAGAAAAG G G G G A GAGGGGGGGAGGGGAAGGGAGAGGGAAGGAAGAAAGAGGGGAAG GAGAGAGGGGAAAGAAAACGGAAGGAAGGCCGGGGAACCGGGGCCGGAG GAAGGGCGAGGGGGAAAGAACCGGGAAGGGGGAGCCGGAAAAAAAAGGG GAGAAGGACGGCAAAAAAAGGAGCAAGGGGGAAGAGGCCACACAGCCCAA CGAAGAACAAGGAGGATAGGGAAGGGGAAGGAAAAAAGACAGGGAAGTTA A G GAA $\operatorname{lng} \operatorname{GGGGGGGGGGAAGGAAAGCCAAAAGGGACAGGGGGGGAAACC}$ GAAGAGGGGAGGACAGAGAAGGAAGGACGGAGCCAAAAGGAAAGCAAAAA AACCCCCCCCAAAACACCGGGGAGAAAAAAGAGGGGAAAAAGGGCCAGGG AACCGGAGGGAAGGGGGGAGGGGGCCGAGACCGAAAAGAACCCCAGAAAA AAAAGAGCAAACAAGGGAAAAGAAGGGGGAGGGAGGCCGGAACAGGGGG G G GAAAAGGGGCCGGACGGAAGGAGGGAAAGGGCCAAAAGGGGAGCACA GGAACAGGCCGGAAGACAAAGGAGGAAAGAGGAGAAAACAGGGGGGCCGG AAAAAAAAAGAGGAAGGGGAGGGGAAAGCCAAGAGAAGAGGGGAGGGGCC G GAAAGGAAAGGAAGGAAGAAGCCAAGAGGAGAGGGAGAGAACAGGGGAA AAACAAGGCAAGAGCAAACCACGGGAACGGGGATGGGAAGAAAAGAAGAA GGGGACGGCCAAAGGGAAAGGAGGAAAGGGAAAGGGGGAAAAGGGGCCA ACAAAAGAAAAGAGGAAGGGGGGGGGGGGGGGGGGAAGGAGGGAGGGGA GGGGGAGGAGGGAGAGAAGGAAGGGAAAGGAAGGGAGGAAAGAGAGGAG AGGAAAAAGGAAGACAGGGCCAGCAGGGGAAAGACGGGGAAAAAAAAAAA AAAGGGGAAAACCCCGGGGGGGGGGGGAAGGAAAACCGGGGGGGGAACC CCGAAGGGAGAGGGCAAGGGAAGGAGAAGGGGGGAAGGGGGGAGAAGGA AGGGAGAAGAAGGAAAAGGGAAGGGAAGAGGAAAAGGAACCGGGGAAAG GGCCGGCCAAAAGGAGGGGGAGAGGGGGAAAAAAAACCAAGGGGAAGGAC GGGGAGAAGAGAGGCAAAAACCAAGGAAAACAGGGGAGGGAAAAGAAAAA GGGACCAGAAGGCAGGCCGGAACCAAAGCCAAAAGGACGAGAGAGGGGAA G G G G G G A A A A G G G GAA $\operatorname{AAACAAAAGGGGGGAAGGGGAAGGGGCAGGACA~}$ AGGAAAAGGACGGAAACAAAAAAGGGGAAAAGAGGGGAGGGGGAAGGAAA GAGGGGGCCAGGGGGAACCAAAGGAGAAGGAGGAGAAAGGGAGGGGACA AA $\operatorname{A}$ GGACGAGGCAGAGGGGGGGGGGAAGAGGGAAGGGGAAGAGGGGAGA GAAAAGGGGAGAAGGAAAAAAAAAAAAAGGAGGAAAAAGGAGGGGAGAAG GGGAGAAATAAGGAGAAAAGGCCACAGAGAAAATTGACCGAAAGGAAAGA AAACCAAAAGAAGGAGAGGAAGGAACAGGCCAGGGAGGAAGGGGGACAAA A GACCAACCAACAGGAAGGGAGAGGGGAAAAAACAAGGGGGCACACCAAG GAACCGAAAGGCCGGGGGGCCAACCGGGGAAGGGGAAAAAAAAAAAAGGA AAAGAAGAGGAGGGAAGAGGGCCAAGGATAACCGAAGAGAAGGAGGAGGG AGGAACCAGAAAGCCGAGAGAAAGGAAGGGGGAGGCCGGAAGGGGGGGG CAAAGGGGCCGGAAGGAAAAAGAACACCAAGGAGAGAGAGATAAAGAGGA ATGGACAACAAGAAAAGACGAAACGAGGAAAAGGAGACAAGGGGGGGGGG GGGAAGGAAGGGGGAGCAGAGGAAAAGAGAAGAAAACGAACCGAAAAGAA GAGAGGAAGGAAGGGGGGAAAGAGGGAAAGAGCCAGAAAAGGCAGGGGA ACCAAGGGGAAGGAAGGGGAAGAGACCTTAAGAGGCCAAAAGGAACCAAA AGGGAAGGAGGAACCAAAAGGAAGGAACCGGGGGGGAAGAAAGCCAAGAA AGGAAAAAACAGGGGAAGGCCAAGGGACAGAGGAGGGAAGGAAGGCCGGA GAGCAGGAGGGGGGGAAAGGGGGAAAAGGAAGGGGGAGGGGGGGGGGAA G G G GAGGAGGGGGGGAAAGGACAAGGGAAGAAGGGACCGAAAGGAAAGA AAACCCAGAGGGGGGGGGGAAAAGAAGGGAGAGGGGAAGAGAACCGGGG GGAAGGGGGGAAAGGGGGAAGGGGCCGAAGAGGGACGGGGAAGGAGAGA CAGAAAAGAGGGGGGAAAGACACGGAAGGGAAGCCAAGGAAACAAACGGG GAAAAGGAAAAGCCAACCACCAGAGGGGAGACAGACAGGGGAACCAAAAA AGGGGAAGGGGAAGAAAAGCCGGAACCGGGAAAGGGGACAAGGCCGGAA G G G G G GCAAGAAAAACGAAAGGGGAGGAAGAAAAAAGGGGGGGGGGGGA AGGAAACGGGAGAGGACGGGGAAAAAAGGGGGGAGGGAGAGGGGAGAAG GAGGAAGGAAAAGAGAGGGGAAAAAAAGGAGGAAAAGGCCAGAAAACCGA AGATGGAAGAGGAGAAGGTTCACCCAAAGGACAGAGAAGGGAGAAGCAAG

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 AA G GAAAGCCGGAGTTAAAGGGAAGGCCGGGAAGAGAAGGAAAGGGCGAA AAGGAAAGACGGAAAAGGCCAAGGAACCACACAGACAGGGAAGGGAAGGG GGGAAAACGGAGAAAAAAAGGAGAAAAGAAAAAAGAAGGGAGGAGGGAAA AAAGGAGAGGGGAACACAAACCAACCAACCAAAGGAGAGGGAGGGGAGAA GAGAAAAAGGCCCCGGAAAAGGGGAGAAAAAGCAGGGGACGGCAAGCCCA AGAAAGCAAAGGAGCAAAGGACAAAAGGGGGGATGGGAGAAAAAGAGGGG GGGAGGAAAAGGGGGGATAAGGGGGGGGAACCGAGGAGGAGAAAGGAAA AAAGGAGAGGAGAAAGGCCTTAAGAGAAGGAAAGGGAGGGAATAAAACCA AA $\operatorname{A} A G G G G G A G A A G G A A G G A A A A A A C A G A G G A A C A G G A G A A C A C A A A G G G$ GGAACAAAAAAGAAAAAAGAAAGAAGAACAAAAGAAACAAAAAGAGAAACC GAGGAGAAGGGGAACCGGCCAGCCAAGGGGAAAAAAGAGAGGGAGGGGG AA GCAACGAAACAAGAGAAAAAGGGCCGGCCGGGGGGAAAAAAGGAAGGG GGGAAGGAAGGCCAAGGAAAAAAAAAAGGAAGGGACCAGAGAACCGGGGG G GAGGGGAAAAAAGAAAAAAGAGGGGAAAGAAAAAGGGAGGAAAGAAGGA AAAAAAAGAGGCAAGCACCCCGGGAGGAAAAGGAAAAAGAAAGCAGAAGA GAAAGCAGGAGGAGGAAAAGAGAAAAAGGAAAAGAGAAAGGGGGGAGAGG AGGGGAAAGAGGGCCAAAGCAACGGAAGAGGCCAAAACCAAAAGGGGGGG GAACCAACCGGGGGGGGAAAACCAAAAAAAACCGGAAGGGGCCGGGGAAA A G G G G G GAA G GTTGGGGGGAAGGGGGGGGCCAAAAAA GGGGCCGGAAGG G G A A G G G GAA $\operatorname{A}$ GGGCCGGGGAAAAGGGGGGGGAAAAGGCCCCGGGGAGG AAGGAGGAAGAGGCAGGAGGAAAAAAAGGAGAGAGGGAGGCAACAACAGG GAAGGGAGGAACCAAACGGAAAGCCGGATAGAAGAGGAGCAGGGGAGAAC CCCAGAAGAGAGGCAGGCCGGGGAAGGAGAGGGGGAAGGAGCCGGAAAA AAGGAACCGGAAGGAAGGGGGGCCGAAAGAAAGGAGCCAACCCCGGAAGG GGGAAACACCGAGGAAGGAAGGGGAAAAAAAAAAAAGAAAAGGAAAAAGA G G G G G GCCAAAAGGGGAAAAAAGAGAGGGGGGGGAAGAGGAACCAAGGA GAGAGAACAGGGGAGGGCCGGAAAAGGAAGGGGAAGGGGGGGAAAGGGG AGGAGGTAAAGAAGGGAAAAAAAGAAAGGAAGCCAAACCAAACCGAAGAG AGCCGAAAAGAGAGAACAGAGGAGCCGGAAAGGGGGAGGAAACACCAAAA AGCCGGAAGAGGAAAAACAACAGGCACCGGGGGGAGAAAGGATTGGAGAA CACAACGGAAGGAACCGGGGGGACAAAACCGAGAGGAGAACAAAGGAAGG AA $\operatorname{GGGGGGGCAAAAAAGAAGGGAAGGGGAGAAGAAAAAAAGGCCGGAGAA~}$ CCGGAACCAGACGGTTAAGGGAAGGGGAGGAAGGAAAAGGAGGAAAAGCA AA GAAAAAGAAAGGGAAGAGAACGGGAAAGAGAGGAAAAAAGAAAAGGCC CCAAAAAAAAAGAGAGAGAAAGAGTTAAAAAACCAGGGGGAAACAAGGAA CCAGGGAGGACGGGGGAAAACAAGGAAAAAAAAAGGGGGGAAGGAAAGGA AAGACCGGCCAAGGGGAACCGGAGAAGGAAAAAAGGAACCGGTAGGAAGG AAGGAAGAAAAGAAAAAAGGAAAAGGGAAAGGAGGAAAAAAAGGGAGGGA

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CAAGAAGGAAAAAACCCCGACCAGAAAAGGAAGGGAAAGGAGAGCAAGCC AGCCGAGAAAAAAAAGAGGGGGAGAGACGAAGCACCGGAAAGGAAAGAAC AAA $A$ ACGGGGGGAAGAACGAAAACGGGGGGGGGGAGAGGAAGGGGGAAA AAAAAAAAAGGAAAACCAAGGGGGGAAGGAAGGATCGGAAAGAGGCCAAG GAAAAGAGGAACCAAAAGGAGAAGGAAAGGAAGAAAAAAAAGGGGGAGGA AAAAAGAAAAGAAGAAGGAGAAAAAGAGAGAAGAAAGAAAGCAGGGGCAG ACAGATTAAAAAAAGAAGGAGCCGGAGGGAACCGGAAAAAAAAGGGAAAA AGAGGGGAGAACAAAGGCCGGGGAAGGAGAAAAGGAGAGAGGGCAGGAA AACCGGGGAATTAAAAAAGAAAGGAAGGAAGAAAGGAAGGAAGAAAAAAC CAAGGAGACCAGGGAAAGACACGGAAGAAGGGAAGGAGGAAAGGGAGAGA AAAAGAAGAAGGAGAGGAAGCCAAGGGGAACCGGTTAAGGGAAGGAGGGG AACCGGGGGGAGCCAGAGCAAAAGGGGGGAGGAAAAAGCCACGGGGGAG CAACCAAAAACAGAACCAAGGGGAAGGGAGAGGAAGGGGGAATAAAAGGA GGGAGAAGGGGGGCCGGGAGGAAAAGGGGGGAAAGACGGGGGGAAGGAA AA $A$ AGAGGGGGGAAGGGAGAGAACAGCCAAGAGGGGGGAAAATTGAACG GAAAACCGGAAGGGGCAGGGGAAGGCCAAAGGAGGAAGAAAGAAAAAATA GGGAGAAGGCCGGAAAGGAGGAGGAACGGAAGAAAGGGGACGGAAAGAG G G G GCCAAAAGGAAGAGGGGAAGGGGAAGGAGACAGCAGGGAGAGGAGG GAAGGAACAGAGGAACACCGAGGAAAAGGAAAAGGAAGGAACCGGAAGAG AAAGACAGAGGAGAAAAAACCAACCGGCCGAGGAAGGAGGAAGAAGAGGA G G G G G G A ACGGGAGGAAGAAGACAGGGGAACAGGGGGGGACGAGGAGAG GAGGAGAGGGGAGGGAAAAGGGAGAAAGGAGGCCCAACGGGGAAAGGGA GAGGAGGAAAGGAAGGAGAAAGGGGGGGGGGAGAAAGGGAACCAGGAAA G G G G G G G GCCGGAGGGGGAAACAGCCAGAAGGGGACGGTTAAGAACAAA G GAAGAAGGAGACAGGGAGGGGGAGACAAGGAAGGAAGGAAGGGAAGAA AAAAAGCCACAGAGAAGGGAAGAGGAGAAAGGCCAGAAGGGGAACGGGGA GGAGGCGAGACCAAGGGGGGCCAACCGAGGAGGGAGGGAGAGGGGGGGC CGGAAGGAAGGGGAGAAAAGGACGGAAGGGGAGGGGGCCAGAAGGAGAA AAGGATGGAAGACCGAGGAGAGAGGAACCGGGGGCCCCAAACAAAAAAGG GGAACAGGAGAGGGGGAAACAAAAAAACAAAAAAAAGGAAAAAACCGGAA GGAAAGAGAACAAAGAAAGGAAACGGAAGGGGGGGAAAGGGAAACCCCAA GAAGGGGCAGACGAGGAAAAAAGGAAAAAAAAAAAACCAACCAAAACCGG GGGGAGCACACAGACCAGGGAAGGAAAGGAGGGGGGGGAACCGACCGAA GAAAAGGGAAAGAAGAAAGCAAAGGAGCCGGCACCAAGGGGAGGGGGAAG G GAGGAGGGGGCCAACCGGAAAAGGAAAGGAAAGGAAACGGTTAAAAGGG G G G G GAAAAGGAAAAGGAAGGGGGGGGAACCAAGGAAGGAAAAGGAAAA G G G G G G G G A A C CAAAAAAGGAAAAAAAAGGGGGGGGAAAAGGGGAAAAAA G G C CAA G GCCGGAAAAGGAAGGCCCCGGGGGGGGGGAAAAGGGGAAGGA ACCAAAAGGAAGGAAGGCCGGGGGGAAGGCCGGAAAAGGGGCCCCAAGGA
 G G G GAAAAGGGGGCAAAAGGGAAGCAGGAGAGAAAGAAAGAAGGAAGGAA AA G G G GAAGGAAAAAACCGGAAAAAAGGAAAAAAGGGGGGGGAAGGAAGG CCGGAATTCCGGGGCCGGGGAAAAGGAAGGAATTAAGGGGAAGGGGAAGG GGGGAAGGGGGGGGCCGGAAAAAAAACCGGAAAAGGAAGGAAGGGGGGA AAAAAAAGGGGAAAAGGCCAAGGAAGGAAGGAAAAGGAAAAAACCGGAAG GAAAAGGAAGGGGGGAAAAAAAAGGCCGGGGAAGGGGAAGGGGAAGGGG GGGGAAAAAAGGGGAAGGGGAAGGGGGGAAGGAAGGAAGGGGGGAAGGA AGGAAGGAAAAGGAAGGGGGGAACCCCGGGGAAAAGGAAGGCCCCGGGG AAGGAAAAGGAAGGCCAAAAGGAAGGAAGGAAAAGGAAAAGGGGCCCCAA G G CCAGAAGGGGGGGGGGAACCGGCCAAAAGGCCGGAAGGAAGGGGAAC CGGAAAAAAGGAAAAAAGGAACCAAGGCCCCGGAACCAAAAAAGGAAGGA AAAAAGGAAGGGGAAGGGGAAGGAACCGGAAGGCCGGAAAAGGGGGGGG G GAAAAGGGGAAAACCGGAAGGGGAACCCCAAAAGGGGAAAAGGAAAACC GGCCGGCCGGAAAAAAAAAACCGGAAAAGGAAGGAAGGGGCCTTGGGGGG G GAA G G G G G G G GAAGGCCAAGGCCGGAAAAAATTAAAAAAGGAAGGAAAA AAGGAAAAAAAAGGAAAAAAAAGGAACCCCCCAAAACCAAAAAAGGAAAAG GAAAAAAAAGGAACCGGGGAAAAGGGGAAAAAAGGAAAAAAGGAACCCCA A G G G G G G G G A A A A G G G G G GAAGGGGAACCGGAAAACCGGGGGGCCAAGG AAGGAAAAAAAAAAGGGGGGAAGGGGAAAAGGAAAAAAGGAAGGAAAAGG AAGGAAAAGGAACCAAAAGGAAAACCAAAAAAGGAAGGCCGGGGAAGGAA AAGGAAAAAAAAAAAAGGGGGGGGCCGGAAAAGGGGAAAAAAAAGGAAAA

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G G G GTAGGGGGAAGGAGGGGGAAAAAAGAACGAAGGGGGGGGGGGAGGA AAAAGAAGGGAAGAGGGCAAAGGAAAGAAGAGGAAGGCCAAGGGAGGCAA
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A G G G G G A GAAAGAGGGAAGAGAAAAAAGAAGGCCCCCCGGGGACGAGGG G GAA $A$ AGGAAGAGGAAGGGGAAAGGCCACGAGGGAGGAGAAAGGAGGGG G G G GAA G G GAGGGGGAAAACGAAAGAGGTTGGGGAAAAAAGGAGGGGGA
 AA $\operatorname{A}$ GCAAAGGAGGGAGGGCCGGAGGGGGAGAGGGGGGGGAAAGGGGAAA ACAGGGGGAAGAGGAAGAAAAGGGGAAGAGGGGGAAGGGGGAAGCGGAG AA $\operatorname{G} \operatorname{GAA} \mathrm{A}$ GGGAAGGAAGGGAGGGGCCCCGGAAGGAGAGACGACCAGAAAA GAGATTGGGAGGGGGGAAGAGGAAAACCGGGGCCAAAAGGAAAAGCAAAA GGAGGACCAAAAGGAACCGGAGAGACGGGACAGGGACCGGAAAAAGCAAA GACCAGGGACGAGGGGGGAGAAAAGACCGGGGGGAGGAGAGGAAGGAGG GGGGAACAACCGGAGCCGGGGGAAAGAAACCAAGGGAGAAGACGGCCGAA GAACAACGGGGGGGAGGGAAAGGGGGAGGCCAAGACCAAGGAGAGGAAA AAAAAAAAAAAAGAGGCCCCCCAACCAAAGAAGGAAGAGAAGGGGGCCCC CCGAAGGAGGAAAGAACCAGAAAGCAGAAGAGAGCCGAGGGAAAACAGAA ACGGGGGGGAGGGGGGAGGGCCAGAAAGGAAAAAAACCGGGGGGCCAGG GAAAAAGGGGGAGGGGGAAGGAGAGGGACGGAAGGCCAGAGCCGAAAAA GGGGAAAACAACAGGGAGAACCGAAAAGGAGGAGAGAAAGAAGGAAGGCC GAAGAAAAGGGAAAAAGGCCGAGGGGGGAAGAGAGGGGGAGGGAAGACT AGGAGCCAAGGAGAGCAGGAAAACAGGCACAAAAAAACCGGCCAGGGGGG AGAAAAGAGGGAAGGGATAAGGAGAGGGGGAGGAGGAAAGGAAGGAGAC AAAAGGAGGGGGAGAAAACCAAGGCCGGAAGGAAAACCAAGGGAGACAGA GAAA $\operatorname{GA} \operatorname{A} A \mathrm{~A} G \mathrm{G} A \mathrm{G}$ GAAAAGGAAGGGGAAAAAAGGAAGGAAGGAAGGGGA A G G G GAAAA $\ln \operatorname{GGGGGGGGGGGCCAAGGGGAAAAGGAAAAGGCCGGAAAA~}$ AAAA $A \operatorname{GGG} \operatorname{GGG} \operatorname{GGGGGGAAGGAAGGGGGGAACCAAAAGGAAGGGGCCCCC}$ C G G G G A A G G G G G G A A G G G G G G G G G G G G A A A A C C A A A A G G G G G GAA G GAA G GAAGGGGAAAAGGAAAAGGAAAAAAGGGGAACCAAAACCAAAAAAGGGG ACGAAAAAAAGGAAAAAGGGGGAGGAAAAGGAAGAAAGAGGAACGGAAAA AA G G G GAGGGAAGAAAAGGGAGGGAAAAGACCAAACGAGGGAAGAGCAAG GGGAAGAGAAAAAGAGAACAAGAAACGGGGAAAAGGAAGGGGAAGGAGGA GAGACCAAAAGAAAAGAGGGAGAGCAAAGAGAAAAGGAAAGGGAAGAGAG AGAGACCAGGAAAGAGGAGGACAGAGGAGAAGGAGAGAAGGAGGACGAG GCAGGAGGAGGGAGGGGCCAGGAGGGGAAAAGAAAAGGGGGAACCAAAA AACCGGGACCGGCCGGCCAGGAAGCAGAGAGAAAGGAGGAACAAAGAGAA GACAACAGAGACAGGAAAAAAGACGGAAAGGGAAGGAGGGACGGGGGGG GGGAAACAGAAGGGGCCCCGGAGGGGACCGGGGAAAGAAGAGAGGCCGA GAAAGGAAGGGGGGAAAGGAAGAGAGGGAGAGGAGGGGAGGGAAGGCCA AGGGAGGAACCAAGGAAGGAAGGAAAAGGAAAAAAGGGGAAAAAAAACCA AAAAAAAAAGGGGTTGGGGAAGGAAAAAAGGAAAAGGAAAACCCCAAAAG G G G G GAACCGGGGGGGGAAAAAAAAAAAAAAAAAGGAAAAGGAAGGGGGGA A G GAAAAAACCGGGGGGGGAAGGAAGGGGAAAAGGGGGGGGGGGGAAAA AAAAAAAAAAGGAAAAGGGGAAGGAAGGAAAAAAAAGGCCGGAAAAGGGG AACCAACCGGGGAAAAAAAAGGAAGGGGGGAAGGAAGGGGAAGGAAGGG G G G G G G GAAAAAAAAGGAAAACCAAGGGGGGAAAAAACCAACCAAGGGGG GGGAACCGGAACCAAAAGGGGGGAAGGGGGGAAGGCCAAGGAACCGGGG GGGGCCGGAAAAAAGGAAAACCGGAACCCCAAAACCAAGGGGAAGGAAGG TTGGAAGGAAGGAAGGAAGGGGGGGGGGAAGGGGAAGGGGAAAAGGCCG GAAGGAAAAGGAAGGGGGGAAGGAAGGGGGGAAGGAAAAGGGGAAGGAA AAAAAAAAGGGGGGCCCCCCAACCGGGGAAAAGGAACCAATTAAAAAAGG G GAACCAAAAGGGGGGAACCAAAAGGGGAAGGGGGGGGGGGGGGCCAAA AGGCCAAGGAAAAGGAAAAAAGGAACCAAGGAAAAGGAAAAGGAAAAAAA AGGAAAAAAAACCCCCCCCAACCAAAAAAGGGGAAAAGGAAGGGGGGGGA ACCGGAAAAGGAAAAGGGGGGCCAAGGGGGGCCCCGGGGGGAAAAGGGG AATTGGAACCGGGGAAGGGGCCCCGGGGAAGGAAAAAACCGGCCAAAAGG AA $\operatorname{G} \operatorname{GGGGGGGGGCCCCGGCCGGAAGGAAAAAAAAGGAAGGAAGGCCAAG~}$ GAAGGAAAAAAAAGGAAAAAAGGGGGGAAGGAAGGAAAAAAAAAAAAAAC C G G G G G G G G G G G GTTAAAAAAAAGGAAGGGGGGAAAAGGAAGGGGGGAA AAGGAAGGAAAAGGAAGGCCAAGGGGGGAAAAGGGGGGCCGGGGCCAAA AGGAAGGCCCCGGGGAAAAAAGGCCGGAAAAGGAAAAGGGGAAGGAAAAA
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 GAGGGAGAGGGAGGGGAGGGGTTAAAAGGAGAAGAAAAGGAGAGGGGGA GAAGGGCCGGGGGAGAACGGGGAGAAGGCCAAAAGGAAGGAAGGAAAGG G GAA G GAAAAAAAGAGGAGAGGGGGAAGGAACCGGAGCAGAGGAATAGG GGGGAAAGAAGGGGGGACAAAAGGAGAGCCAAGACCAGAAGGAAGGAAGA A GAGACGAAAAGAGGAGAGGAGAAACAAGGGGGGGGGGGGAAGGCAAAA GCCAAAGAGGGGGAAGAAAGGGGAAGGGGGGAAAAAAGGGGCCGGACAA AGGGAAAGAAGGGAAACCAACGGGGGGGCCAACAAGAAAGGGAATTGGAA CCAACACCGGAAAAAAAAGGAAGGGGAGAGGAGAACAGAGGAGGGGGACC GAAAAAGGCAGAGGAGAAAGAGAAAGAGAGGGGGGAATAGAAGAAAGAGA AA $\operatorname{A} G \mathrm{G}$ GGGGGGAAGGAGGCCGGGGAGAAAGGGGAGGGGAACAGAAGAGC AGGATACAAAGAGACAAGGCCGGGGAAGGGGGGAGGGAAAAAAAAAAGAA G GAAAAGAAGGCCAAGGGACAGGGGGGTTAAAAAAAAGGAAGGAGAGCGG AAAAGAGGGAAGAAAAACCGGGGCCGGGGAAAAACAAAAAAGAAAGGAAA A G G G ACCGGCCAGCACCGAAGGGGGGAGAGAAAGGGGGGAGGGGGGGAA AAAGGGAGGGGGAGGGAAGGGGAAGGCAAAATCCAGGGGGAAACCCGGG
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 GAGGGAAGGAGGAGGAGGAAGGGAGGAAAGAAAACCGGGAAAGGGAACG GAAGGGCCAGAGGGGCCAACCAAGGAGCAAAGGCCGGGGAAGGAACCGGG GAGAGCAGAAAGACCAGGGAAAGAACAAAAAGGAAAAGGGGAAAACCGAA AA G G GAACAAAGGCCAAAAAAGAGGGGGAAGGAAGGGAAAAAGGGGGGAA AAAGAACAGAGGAAAAAAGGGGGACATGGAATTCCAAAAAGAGGACGCAA GACAGAAGGAGGAGAGGGAAAAGATGGGAGGGAGGAGGGAGAAAAAAGG AGAAGAGGAGGGAAGGGGAAAACCAAGGAGAAGGAGAGAGGGAGAAAAAG AAAAACACAGGAGAGGGGAGGGGGAAAAAAAGAGAGAGAGACGCAGAAAA GGCAGGAAGGAAGGCCGAGGACCCCCCCAAGGAAAGAAAGCCCCGGAAAA AAGAAACGGGAAGGAGGGGAAGAACCAAGCCCAAGGGGAAAAAAGGGAGA G GAGGGGGAGAAAAGGGATTAGACGAGAGGCAAGAACAAAGGAGCCGGAA AGCAAAAGAGAAGGCCCCGGACAGGAGGAAGGAAAACCCCAGATTTGGAA GAGGAGGAGGGCGGGAGGGGAAAAACAGCAAACCGGAAGAACAAGGAGAA GGAAAAAACCGGAACCCAAAAAAAAACCGGAAAGAGAGAAAGAGGGAAAA AGGGAACCAAGAGGGAGAGGAAGAGGCAAAGGAGAAGAGGGGGGAGAAA C G G A A G GAGGGGGAAAACCAAAGAGACCATAGAGGAGAAAAAAGGAAAAG GGGAGAAGAAGTTGGAGAGGGAAAAAAGGGAGGGGAAGAGGGGGGAGAG GGAAAGCCAGAGAAAGAAAAAAAAAAAAACGGAGGGGGAAGGAAACCCAG GAGGGAAAAGGGGGGGGGGGAAAAAAGGAACCAAGGGGGACCGGGGAGC CCAAGAAGGAAGGGACCAAAGAGGGGGGGGGAGAAGAAGGGGAAAGAGA GGGAGGCGAAAAGGGAAAGGAAAAGAGAGGAGAAGGGGAAGAGAAGACA GAGAAAGAGAGGGAAGGAAAAGAGGGGGAAGGGAAAAACAGAAAAAAGGA GCCGGAAGGGGGGGGAGATAAGCAGGGCCGAAAACAGAGAAAAGAAAAAG G GA G G G G G G GA GAGGGGGGGGCCAGCCGAAGGGGGAGAACCGGGGCAAA AAGGAGCCAAAAAGAGGGAAGAAAAGAGAAGGAGAGCCGAGAGAAGGACA GGAGGGGAGGAAGGGAGGAGGGAGGGAACAGAGGAAAGAGGGAGAGAAG GAAGAACAAGGGAACAGAAAGCCACGGAAAAAACCAAAGGAGGGGAGGGG GCCAAGAGGGGAGAAGGCCAAAAAAAACCGGAACAGGACGGGGAAAAAAC CGGGGAAGGCCGGAAGAGGCAAGAAGAAGAAAAAGAAGGGGGAGGAGGG AGCCAGAAAGGAGGGGGGGAGGAAAAAAGGGGGGAAAAAGTTGAAAAGAG CCGGAGGGGAAAGGAAAGAAGGGGGAAACCAAGAGGGGGAGACACGGAAA CCGGAAAAGGAAGGAGAAAACACAAAAAACGGACCACAAAGGGGGGGAGA AGGGAGCAAAAAAAAGGGAAGAAAGGGAGGAAACAGGAAAGGAAGGGGGA AA $\operatorname{GAGGGGAAGGAAGGGGGGAGAGAAAAAGCACAAGAAGAAAGGGGAAAA~}$ G GAAGGAGCAGGGGAAAAAAAAAAAGGGAAAAAGCAGGAGGGGGAAAGAA AACAGACAACAAGGAGAAAACAGCGGGAGGAGAAAAGGGAGGGGCCAAGG AAAAGGGAGAGACAAGAAGAGGAAAAAAGGCCGGGAAAGAGAAGCGACAG AGGGAAAGGGGGGAGGAGAACCGAGGAAGGACGACCAGACGGAGGAAAG GGACCGAAGGGGGGGTTAACGAAAGAAGAAAACGAAGAGAGAGAAGAAGA GAAAAAAAGGAAGGAAGAAGAAACCAAAAGGCAGGAAAGGGAGGGCAGGG AAGGAAAAGCAGACCGGGGGGCCCCAGGGAGGGCCGGGGGAAGGAAAAG AAAAGGAAAAAAGGACAGGACCAGGGGGCAAAGGGGCAGAAGAAGGGGGG GAATGAAAGAAGCCAAAGGGGGGGGGGGACGGCCGGGAGAAGAACCAGAA AA $\operatorname{l}$ GAGGGGAAAGGGGAGAGGAGCGGGAGAGGGGAGGGAAGGAGAAAAG AAAGGAAGCGAAGAAAAAAGGAGGGGAAAAAGGGGGAAAGGGGCCGGGAA TAAGAAAAAGAAGAAACAGCAGAGACAAAAAAGAGGGCAGAGGGAAAAGA CGAGGAAGAAGACGCGGGAAACCGGGGACCAAAAGAAGCGCAAAGCAGGA CCCGGAGGGAGGAAGACAAGGGAGAGGCAAAGGAAGGAGAGGGGAAAGG CCGGAGGGAAAAAACCGGGAAAGGAAAAAGCCGGAGGGCCCAAGCCGGGA AAAGAAAAAAGGACAGGAAAACAAAGGGGGGGGGAAGCCAAGAACCCCAA ACGGGAGAAAGGGGGGAAGGGGAAAGGGGAAACAGAGGAGAGGAAGCCG GAAAAGGGGAAAAGGGGAAGGAAAAGGGAGAAACCGAGAAACCGGAAAAA AGGAAAAGGGGACGGAGAGGCGGGGAGGAGGGGAAATGGAAGGGGGGAG CACACGAGGAAGGAAGGGGAACAGGGAGGGAGCACAACAAGGGAAAGAAG CAAGGGGGAGAAGGAAAAAAGGGGAAAAAGAGGGGAGGTTAAGGACAGAA

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CGGCCAAAAAAAAAACCGGCCGGGGAAGGAGAGAAACAGAGGGCCAAAAG AGAGGAAGGAAAAAAAAGGAAGGCCGGAAGGGGAGGGAGAGAGGGGAGG GAGGGAAGAAAGGGGGGAAGGGGGGGAAGGAAGGGGCAGCGAAGATGGG AAAGAAGAAAAGAAAAAAGAGAAAAAAGGAGGAGGGAAGGAAAGGGGAAA GAAGACCGACAGGGGAAAAGGGGAAAAAAGGGGGGAAAGGAAGAATTGGA AGACGGGAAGAAACAGAGAGAGGAACCGGGGAAGGAACCAAGGGGAAGGC CGGCCAAAGAAGGAGAAAAGGAACCAAAGGGGGGGGGAAGAAAAAGGGAA GGAGGGGGGGGGGGGGAGGGAAAACGGGGAGAGGGGGAGAAAGGAGGGG AAAAAAGAAAGGAAGGGAAGAAGGAAAAAGGGGGAAAAGGAGGGAGAAAA A GA GA G G GAAAGAGGAGGCCGAAGAGAAGGGGGGGGGAGGAAGGAGAAA AGGGGAAGGGACAGGAACCAAGGGGGAGGTTGAAGACAAGAGAAAGGGG AGCCAAAGGAAAAAAAAGGGAACAGGGGAACCCCGGAAAAAAGAAGCAAA GCGGAGCACCGGGCGGGGGAAGAGAGGGACAGGAGGAAGGCCCCAAAACC ACAGGGGGGAGGGAGGAAAGGAAAAAAAAGAAGGCCGGACCCGGGAGCAG GGCCACGGGGGGTAGACGAGAGAAGGAGGGCCAAGGGGAAGGGGGGGAA AAAGGGGAGGAGGGAAGACCAAGAAGGAAAACCGAGGGAGGCCGGGGAG AGACGGCAGAACGAAGAAAACCGGCCAACCAACCAGAAAAAAAGCCAAAA GAGGAGGGCGGGGGAAAAGGAAAAAAAAGGGGAGGGGGGGGGGGAGAAA AA $\operatorname{l}$ TTGAAGGGGAGAAGAGGGGGGGAAGAGGAACAAAAAAGGAGACCGAA GAAGAAAGAGGACAGCAGAAAGAGAGGGGGGGAGAGACAAGGGGAGGGG CCGAGGGGGGGGAAGGCCGGCCGGAAGGGGAAAAAAGGGGGGGGAAGGT AGAAGGAAAAGAGGGAAAAGATTGAAAAAGGGGGATTAAACGGAAGAGGA GAACCGGGGGGATACGGCAAAAAAAGAAAGGAGAAGGAAAAGAGGGGAAA AAAAAAAAAAGGGAAGGGGGGCCAGAGAGAAAGGGGGGGGGAAGAGAAC GAAAGGGGAAAACCGGAAGGGGCCGGAAGGGGGGAAAAAAAGTTAAGGG GGGAAGGAAGGCCAAAGCCCCAGGGGAGAAGAGGAGGAACCGGCAGGGG CCAAGGAACCGGGGAGAGAAAGCCGGAGAGGGGAGAAGAGCCGCGGAGCC AAGGGGGAGGGAGGCAAGGGCCCCAAGGGAGGGACCAGGGAGAGGGAAG GGGCAAGAAGGGGGGAAAAGGAAGGAACCGGCCGGGGGGGGAAAAGGAA AAAAAACCCCGGAAAAAAAAGGGGGGAAAAAAGGAAGGAAAAAAGGGGAA AAAAAAGGAAAAAAGGGGGGAAAAGGGGGGGGGGGGCCGGGGGGGGGGA AGGGGAAAAGGGGGGCCGGGGAAGGCCGGCCAAAAGGAAAAGGAAAAGG AA G G G G G G G GAAAAGGGGGGCCGGGGGGCCAAGGAAGGAAAAGGCCGGA AGACCAGAGCCGGAAGGAAGGAGGAAAGAGAAGAGAACCAAAAAAGAAAC CGAGGCCGGCCAAAAGGGGGAGAGAAAAGACAGGGAAGAGAAAGGGGGG AAACAACAAAGAGGGAAAGGAGCCTAAAGAAGGGGAGAGGGAAAAAAAGG GGAAGGAAAAAACAGACCGAAAGAGGAACGAAGAGAAACCCCAAGGGGGG AGAAACAGAAAGAAGGGGAAACCCAGAGAGGAAAAAGGGGGGGGGAAAAA GGCGAAGGAACGACAAGGGGGGGGAAAAGGAAGGAAGGAAGGTTGGAAG GCAGAGGAAGGGGAAGGGGGGAACCAAAACCGAGAAAGAAGACACAGACA AGGAAGAGAGGAGCAAAGGAAGGAGAGGGGAGAAACCGGAAAGGAGGAAA AAAGGGACAGAGAAGAAAAGAAGACAACGAGCGGGGACACAGGGGAAAAA AAAGGGGAAAAGAGAGAATTACCAACCAGACGAAGAGAGAACCGGAAGAA AAAAGGGAAGGGGGGGAGGAGGACCATAAGAAAGGAAGAGAAGAAGGAAA AGGGGAAGACCGAAAGGAGGGGGCCAGAAAAAGAGGGCCGGGAGGGGGG GGAAAGGAAGGAGAAGAAAGGGCAGGAAGGAGAAGGAAGGGGAAGAGGA AGAAGGGAAGAAAAAAGGGGGGAAGGAAGAAGAGGAGGGGGCCGAACGA AGAAACGGGGAGAAAGGGGGGGAAAAAAAAAAAGGGGAAGGGGAGGGGG GCCAAAACCGGAAGGAACCGGGGAAAAGGGAAACCGGCCAAAAAGAAGGG GAGGGAAAGGGGGAAAAAGGGGGGGGGAAAAAAAAGGGGAAAGGGCCAA GGCCAGCAAAGGCCACAAGAGGGAAGGGGGGGGAAGGGGGAAAGCCGGA GAGGGGGAGAGGAAGATGGGGAAAAGGGGAAAAACAAAAGGAGAACAACG GGGGGGGGAAAAACCGGGGAAGGGGGGAGAGGGAGAAGGAAAAGAGGAG GAGAAGAAAACCGGGGAAAAAAAAGGGGGCAGAGGGAAGGAAGGACGAAA AAAAAAAAAGGGGGCCGAAACAGAAACCCAAGGGCAAAGGGGGGAGGGAG GAAAACCCGGAGAAGGAGAAGAGAGGGGAACCAGGAAACGCAGGAAGGAA AAAGCAAAAAGAAGAAGAAAAACCGGGAAAAAAAAAGGGGGAGAGAGAGG GGGGAACCAAGAAAAAAAGACCAAAGGGAAGAGAAAAGACACATGAAGGA ACGAGGGAAGAAAAGGAAAAAAAGGGGATAGAAAGGGGGGGGCCGGGAA GAGAGGGAAAAGACAAAGAGGAAAAAGAAATCCAAAAAGCACCAACCAAC CAGCGGGGGAAAGAAGGGGAAAACCCGGAAGAGAACCACGGAACCGGAAG

AA $\operatorname{lax} A \mathrm{~A}$ GAAGGGAGGGGGGGGAGAAAGGAAGGGGGAAAAGGGGGGAAGG GGCCAGGGGGGGGGCCGAGGGAAGAAGAAAGGGGAGGGGGGCTTACGGG AGGGAAGAAGACCCCAGAGGGGGGGGGCCAACCGAGGGGGGGGGAAGAA GGAAAGAAGAGGCAAAAAGAGGGGAACAAGAGGGAAAGTTGACAAAGAAA AGAAGAGGCAGAAAGGCCAGGAAGGGACGGGGGAGAAGCCCAAAGGGAAG AACCGGCCGAAAGGCCAACCGGGGAAAGAGCCAAGGGGGGGGGGGACCG GGGGGAAGGGGAAAAGGGGAAGGAAAACCGGAGCAGGGGGGGGAACGCC AGAAAGAAGGCCAGGGAAAAGAGGGAAGGGGGAGGGAGAAGGAGGGGGG GGGGATTAAGGAACCGGGAAGACAGAGACAGGGGGGAAAGGGGAAAAAGA CGGAAAAGGCCGGCAGGAAAAAACCAAGGAAACAAGAAGAGAGAGAAGGG GGAAGCCGGCAGGAAGGAGAGAAAAAGCAGGAACAAAAACCAGGGGGAGG GCCAAGGGGGGGAGGGGGGAAAAAAAAGGGGCCGGGAGGGGGGAGAGGG GGAAAGGGGGGAGGGGAAAGAGGAAAAAGGAACAGGCGGACAAAAGAAAG AAGAGGAACGAGGATTCCAAAAGGAGAAAAGGAGGGAGGGGGAGAGGGG AAAGGAGCCCAGACAGGGGAAAGGAGGCAAGAAGGAGAAGAGGGAGGAGA GGGCCAAGGAAGGGAGAGGGAAAGGAGGGAAAAAAAGCCGAAAAACATTC CAGCCAAAAAAAGGGAACAGGAAAGAAACAATAAAGGGGGAGGGAAAGAA CGGGGGGAGAAGGGAGGAAAAGGAAGGGGGGGGAAAAGAGGGGAAGGGG GAGAAACAGGGGGGAGGAGAAAGGACAAAAGGAATTAAGGGAGGGGAACC GGAAAAGGAAAGGAGAGGAGAGAGAGAAAGGGCGGAGGAGAGGGAAAAA GGGAAAGGGACGGCCGAGGAAAGCCGAGCAGGGGGGGGAAGAGAAGGGG AAAAAAAAGGGGAAAAAGAAGGAAAGGGGGGGAGACGGGGAAAAGGGGA GGGAACCGGAGAGGGGAGGGAGAAAGGAAAACCGGGAAACCAGAAGGGG AGAAGAAGAGGGAAAAGGGGGAAAGGCCACCCGAGAGAAAAAACGAAGGG AACCAGGACGAAAGGAGAGGAAAAGGCCAACCGGGGCAAAAAGGGGAAGG GGAAACGGGAAGGGAGAGGGCCAAAAAAGGAAGGCCGAAAAAAAGGGGAA AA $\operatorname{loc}$ CAGGGAAGGGGGGGGGGGGGGAGGGAGAGGGGGGGCCGGGGAAG GGGAGGGGGAGGGAAGAGGGGAGGAGGAAAGAAAAAGATAAGAGGGGAG GGGAAAAAAGGGAGGGGAGGCCAACCCCAAGAAGGGGGAACCGGGGAGAA GAAGGGAACCAGGGGAAAAAAAGGGGGAAGGGGGCCAGCAAAGGGGAAG GAAGGAAGGGGCCAGACAAGAGGCAAAAAAAAAGGCAGGAAGGAAAAAGG AGGGGAAACAAAAGGAAGAAAGGAAGGGGAGAACCAAAAAACAGGAGGGG GGAAAAAAGAAAGGGGGGGAAGGGGGGAAGGAAGGGGAAGGGGAAGAAA AGAAAAAAAAAAAAGGGGGGGGAAGGAAGGAAAAAAGGGGGGCCAGGGAG AGGGGAAAAAGGAAAAGGAAAAAAGAAAACGGGGGGGAGAGACCAAGGCC AAGAAGAGGAGAAGAGAAGGAAGGGGGGGGAGAGGGAAGGCAGAAGAAA ACATTGAGGAGAAAAATAAGGAGCCAGGGGGCCAAAAAAAGAGGAGGGGG GGGGGGGGGAAGGAAGGAAGAACGGAAGGGGAAGGGGGGGGAAGGGGGG AAGGAAGGAAGGAAAACCAACCGGAAACAAGGGGAGAAAACCAAAAAAAA AAAAAAAAGGGGGGAAAAGGAAAAAAGGAAGGAAGGGGGGGGGGCCGGT TAAGGGGGGAAAAGGGGAAAAAACCAAGGGGAAGGGGAAAAAAAAGGCCG GCCGGAAAAGGAAGGAAGGAAAATTGGGGTTGGAAGGGGGGGGGGAAAA AAAAGGAAGGAAGGGGGGGGGGAAAACCAAAAAAAAGGAAAAGGAACCAA GGGGAACCCCGGGGAAAAAAAAGGAAAACCGGAAGGAAAAGGAAGGAAGG AAGGTTGGCCAAGGGGAAGGGGGGGGAAGGAAAGCCCCGAATGGAAAGAA GGAGAAAAGAAAAAGGGGACGGAAAAGGAATAGGCCAAAGAAAAGAACCC GGGGGGAAAGAAGGCAGGGGGAAAAAAAAGAAAAAAGGAGGAGGAGAACC GGGGGGAGGGGGGAAAGGGACAGAAGGGCCGAGAGGGAAGGGAAGGCAA AGGAAGAAAAGGGCCGGGAAGAGGAGGAAAAGGAGAAAAGGAAGGACAAA GGGACGGAAGACCAGGCAAAGAGGGGGAGGAAAGGAGGGGGGGCCAAGG GGAAAAGGGGAAGGAGAAAGGGAGGGGAGGAAAAAGGGGGAAGGGGGAA AGGAAGGCCGGGAGGAAAGAAGAAAGAGGAAGGAAAAAGAAAAAAGGGGG AGGGAGACCTTACGGAGGGCCAAGAGAGAGAGAGAGAAAAAAAGGGGAAC CAAAAGGGAAAGGAAGGCGGAAGAAGACGAGAAGAGGGGGGCAGACCGG GAGGCCAAAAAGGGAAAGGAAAGGAAAAAAAAAACCAGAGAAGAAAAAAA GGAGGAAAACAGAGAACCGAAAAAAAAAGAGGGGCCGGAGAAAAAGAACC GGGGGGAAGGAGGGGGAGGAGAAACAGAGGACAGGAGGGGGGGGGAGAA AGGGGAAGAGAGGAGAAAAGGAAAAGAGGGGAGAGGGAAGACCAACCGG GGGGAAAAGGGGGAAGCAAAAAGGGGGGGGAAGGAAAAAAAACCAGGAAG AGGGAAGAGGCCAAAGGGGGGGAAGGGGAAAACCGGAAAAGGAAGGGAA ACCGAACAAGGGGAAGAGGCAAGGGAAGGGGGGGGGAAGAAAAGGAGAA

AGCAGACAAGGAGAGGGGAACCGGAAGAAGAAGAAGAGCCAAAACCGGGG G GCCGGAAGAGAAGGGAAAAAAAGCCGGAGAAGAGGGGAACCCACAAAGA AGAGCAAAACGGCCAAAAGGACGACCAGGGCAAGAAAGAGGGGGGGCCAC AA $\operatorname{l}$ GCAGAGGAAGGGAAGGGGGGGAAGGGGAGGGGAAAGAAAAAACAAG A GAA $A$ AGGGCCAGGGAGGGCCAAAGGGGGAAGGAAGGGGAGGAAAGGAG A GCCAA G GAAAAAGGGAGGAGGGGAACACAAGGAAAGGGGAAAGGAAGGG GAAGAGAACAGAAAAAAAAAAATTAAAAAACCCCAAGGAAGAGAGAGGGG AAAAAGAGGAAAAAGGGGCCGGAAAAAGAAGGAACCAAAAAAAGGGAAGG
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 AGAAACCGGGAACGGAAAGGAAGGGGGGGGGCCGGAAGGAAGGAAAATT GGGGGAAAAGAGAAGGAAGGAGGGAACCGAGAGGGGACGGAGGGGAAAG GGGCCAGAGCCAGAACCCCAAAAGGGGGAGGAGAGAGGGGAGAGGAAAAG GGGAAAGAGAGGAAGGAGGAACCTTCCGGGGAAGGCCGGCCAAGAGAAAA

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AAAAGGAGCAAGAGGGAAGGGGAAGAAGAGAAGGGGGGAGAAGGCCGGG G GAACACAGGAGGAAGAGACCGGGGAAAGGAGGAGGACCAACCGGGGAAG AGAAAGACCAAGGAAGGCAAGGGCAGGGGCATTAAAAAAAGAACCAAAAG GGGAAGAGGGACCGAAAAAGGCCGGAGGGAAGAAAGAGACAAGGAACAAA CCAGAGAGAAGCAGAAAAAAGAAGAGGGAAGTACGGGAGAAGGGGAAAGA AAAAAGGGGAGAAGGGGAAAAAAAGGGAAGACCAGAGAAGAGGGGGAACG GAAAAAAAACAGGACGAGAAAGGGGAGGAACGACAAGAGGAGAGAAGCAG AGAGAATGGAAAGGGCCGAGGAAAGAAAGAATTGAGGCAGAGGAAAAGGA AAAGGGAGAGGGACCGAAAGGAAGGCCCCAAAAGAGGAAAGGGGGGAAAA GGAAAAAAAAAGGCAAGCCAAGAAAAAAGGGAAAAGAAAAGGGGGAAAAA AGGAGGGGGAAAAAAAAAAAACCGGAAGGGGGGAAAGAGAAGGAGGAAAG AA $A$ AGGAAAGGGGGGGGAGGGGGGGGGAATTAAAAAAAGCCAAGGGGGA GGAAAAGAGGGGCCGGGAAGGGAAAAGGGGAAAAGGAGGGGAAAGGCAC CCCAAGGCCCCCAGGAAAAAGAAGGCCAAAGCAGGCCGGAAAAGGAGAAG GACGGAGGGAGAAGGCAGGGGAGGACCAACCGGCCAGGGGGGGAAGGGG AAAAAAGGAAGGAAGGGGAAGGAGGAGGGAGGGGGGGAACAAGGAAAAG GAAGGCCAAAAAAGGGAGGAAGAAAAGGGGGAAGGGGAAAAGGAACCGGG G G G G GCCGGAAGGGGAAGGAACCGGGGGGGAGGAAAGCAGGAAGGAAAG A G G G G G G ACCGGAAAGGAAGGAAAGGAAAAGGAACCGGCCAAGGAGAGCC G G G GCCAAGGGAGGCCGGGGAAAAGGAAAAGGAAGAAGAGGAAACCAGG G G G A A CAAA $A$ ACCGGGGGGCAGGGGGGCCAAAACCGAGGAAGAGAAACCC CGGAAGGAAAACCGGCACCCAACGAGGAGGGGGAAGGAACCAAAAGAGGA AA G G G G GCCAGACAGGGGGCCGGAAGGAAGGGGAAGGGGAAAACCAAAG GACCCAGAAGGGAGAAAAGGGGAAGGGACGCAACAAGGAAAGGGGGACAG CCGGGGGGGGGGGGGGAGGAAGGGGGGGGAAAAGGAGGCCAAGGGGAAA G GAAA G G GAGAGGGGGGAAGACCAGGGTAGAAAAGAAGAGAAGAGGAGA AAGGCCAAGGGGAAGGAGGGAGAGGGAAAACCAAAAGGGGGGGAGGACC CGGAGCAAGCAAAGGCCGAAAAAGGGGAAAGGGAAAAGGGGAAGGAAAAG GCCCCAACCAAGGGGGGAAAAAAAAGGGGGGAAAAAAGGCCGGGGAACCG GGGAAAAAAAAAAGGAAAAGGCCGGGGGGAAGGGGGGAACCGGAAGGGG AAAAGGGGGGGGAACCGGAAAAAAAAGGGGAAAAGGGGGGAGCACAGGA GAGGAAGGGGAACGAGGCCAGGGGGAACAAAAGAAGGAAAAAGGGAGAAG G G G GAGGGGACAAGAAGAAGGAAAAAAGGGGAAGGAAAAGGGGGGAAGG AAGGCCAAAAAGCCGGAAGGGGGGAAAAGGGGGGAAGAAGGCGAAGAGA G G G AA G GAGAAAGAGGGAAAAGAGGAACAAAGGGAAACCAAGGGGAAAAC A G A G G A G G G G G G G ACACGACCAAGGACGGCCAGATGGGGAGGGGGAAAA A G G GAA $\ln$ AGGGAGGGGAGAAGGAAAAAAAAAAAAAAGGAAGGGGAAGGAA A G G G G G G GAAGGAAGGAGAGACCCACGAGGAAGGAAGAGAAGAAGGAAG GGGAAAAAAAAAAAGGGGGAAGAAGCAACGGGGAAGGGGGGACAGGGGG AGGGGAAGAAGGGAGACAAGAATAAGACGGGGGGGAAGACAGAAGAGGTT AAAGAAGGAAAAAAGACCAGGAACAGAGAGGGGGAAAACCAAGGAGAGAA CCGGAAAAGAGAGGAAGGAGAGGACCAAAAAACCAAAAAAAAAAAAAAAA AA G G G G G G CCAAAAGGGGGGAAAACCAACCAAAAGGAAGGAAAAAAAAGG AA $\operatorname{l}$ GAAGGGGAAAAGGAAGGGGAAGGGGGGGGGGAACCCCGAAAAAAAG GGGAAAAAAGGAAAACCAAGGGGGGAAGGAAGGAAAAAACCAAAAAAGGA AAAAAGGAAGGAAGGAAGGGGGGGGAAAAAAAAGGAAGGAACCCCAAAAG GGGAAGGAAGGAAGGGGCCAAAAGGAACCAAAAAAAAGGAAAAAAAAAAA AGGCCGGGGAAGGAAGGGGAAAAAAGGAAAAGGAAAAAAGGCCAAGGGGG GAAAAGGAACCAACCGGAAAAGGGGAAAAAACCAAGGGGAAGGAAAAAAC CGGAAAAGGGGAAAAAAAAAAGGGGGGCCCCAAGGAAAAGGGGAAGGAAG G G GAA G G G G G GAAAAGGGGGGAAGGGGAAAAAAAAGGGGAAAAGGAAAA
 A G G G GAACCGGGGGGGGAAGGGGGGAAAAGGAAGGGGGGGGCCGGCCCC AA G G AAAAGGGGGGAAGGAAAAAAGGAAAACCGGAAAAGGGGAAGGAAAA AA $\operatorname{G}$ GAAAAGGAAGGGGGGCCAAGGAAGGAAAACCAAGGCCGGGGGGAAAA AAAAGGAACCAAGGGGAAAAAAGGAAGGCCGGAAGGAAAAAAAAGGAAAA GGAAAAGGGGAAAAAACCGGGGAACCAAAAAAAATTAAAAGGCCAAGGGG GGAAGGGGAAAAGGAAAAGGAAGGCCAAGGGGGGAAGGGGAAGGAAGGG GAAGGGGGGAACCGGGGGGGGAAAACCAAAAGGAAAAAACCGGAAAAGGA AAAGGGGAAGGGGCCCCGGAAGGCCAAGGCCAAGGGGGGGGGGGGGGCC GGCCGGAAAAGGGGGGAAAAAAAAAAAAAAAAAAGGGGCCCCAAAAAAGG

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 G GAAAA G G G G G G G GAGGGAGCCGGGGAACAGAGAGGAGGACGGGAAAAA AA $\operatorname{A}$ GAGGGGAAGGGGGGAAGGGGAGGGCCAGAAAGACGAAAAAAATTGAC ACCAAAACACCGAGGAAGGGAAAAAAAGGAGGGAAGGAGGGGGGGCCGAG GAGAGAGAGACAAGGAACACCAAAAAGAGAAAAGGGGAGAGCCCAGGAAG GGGAAAACCGGAAAAAAAAAAGGAAAACCAAGGGGGGGAGGAAAGAGGGA A G A G GAAGGGGAAAACCAAAAGGGGGGGGCAAAGAGGAAAGGGAAGGGG GAAGAAGGAAGGAAGGAAAAGGAAAAGGGAGGGGAAGGGGACGGGGAAA AGGAAAAGGGGAAGAAAACGGGGGAGAGGGGAACCAAAAGGGGGGTTGG GGAACCAAAAAAAAAGGGCGCAGAAGAAGGCCAAGGAAGGAAGGAAGGGG CCAAGGGGAAAATTGGGAGGAAAAAGGACCGGCAAAAAGAGGAAAGGGAG CACCGACAAAGAAGCCGAGGCCGAGGGGAAGAAACCGGGGGGGGGGAAAA GGAAGAAAAAAGGGGGGACCGGAAGGGGAAGGGGAAGGAAGGAACCGGA

AGGAAGGAAGGGGAAGGAAGATTAAAAAGAGGAAGAAGGAAAAGGAAAAA AAAAGGGGAGATTAACCGGAGAGAACCCAGGAAGGAAAAGGGGAACACAA ACCAAGGGAAAAAGAGAGGGGAAGGAAAAAAGGCCGGAAAAGGAAGGAAG G G GAA G G G G G GAAGGAAGGAAGGGGGGAAAACCCCCCGGAAGGAAAAGG AA G GAA G GAAGGAAGGAAAAGGGGGGGGAACCGGAAGGCCGGGGGGGGG G G G G GAAAAAACCAAGGGGGGAACCAAAAAAGGCCGGAAAAAAGGAAAAC CGGAAAAGGAAAAAAAACCGGAAAAGGAAAACCGGAAGGAAAAAACCAAC CTTGGGGAAAAAAGGAACCAAGGAAGGGGGGGGAAGGAAAAGGAACCAAG GGGCCAAAAAAAAGGGGCCAAAAGGAAAAAAAAGGAAGGAAAAAAGGGGA GAGCCGGGGAAGGGGAACCAAGGAAGGGGAAAAAAAAAAAAGGAAGAAGG ACCAGAAAAAGGAACGGGAGAGAAAACCCAGGAGGAAAGAAAAAAGGGGA AACGGACAAAAGGAGGGAAGGGGAAAGGAGAGGAAGGGAGGAGGGAAAA AGAGGACCAGAAGGAGAAAGAGAGCAAAGGAGAAGAGGAGGGAGAGCAGG GGAGAAAAAAGGCCGGAAGGGGATAGGGAAAAGAGGAGGGAGAAGGGAG G GA G G G G G GAAAAGGGGGGAGGGGGAGAGAGGGAAACAGGACAGGAAAG GGAAAAAAAGCAGAAAAAGAGAGAAACCAAAAAAGAAAAAGGGGGGAGGG A GAGAGGGCCGGGGGGGGAAGGAAAACATAAAGGAAAGGGAAACGGAGAA GGCCAAACAAGAAAGGAAAAGACAGGAAAGGGTTCAGAGGGACAGGAAGA AAAAAACAGAAAGAGGGGAAGGAACCGGAAAAAAAAAAGGAAGGAGGGAA G G G GAAAAAGGGAGGGGAAACCGAAGCCAGAGAAGGGGAGAAGGCCAAG G G G G G GACCAAAAGGAAAAAACCGAGGAAAAGGGAGGAACCAAGGAACCA AAAAGAGGGAGGGGGGACAAGAGAAAGAAGGAAGGGGAAAAAAAAGGGGA GAGGAA $\operatorname{A} A C G G G G G G G G G G G G A A G G C A A C G G G A G A G A G G G G A A A C G A A G ~$ GGGAAAGAAACCAAGGGGAAGGCAGAGAGGGAGAGGGAAAAGGAAAGGG AAAGGAAGGAACCAGCACGAGGAGGGGAGAGGAGGGGAAAGAAAGAAAAA GGGGAAGCCGGAAAAGGGGGGGGAAGGGGGGAAGGCCAAAGAGCACAAA AAAAGGAGGGAAGGGAGGGAAGCCGAAGAGAGGGAACCCCGAGGGGAAG GGGAACCGGGGAAAAGGGAAAAGAGAAAAAAGGAGAAAGGACCAGGGAGC CACAAACCCCCAAGGAAAAGGAAGGCAGGAAGAAGAGGGAAAAGGCCGAG AGGCAGGGGGACCCCGGGGAAACGGGGGGAGAAGAACGACCGGGGAAAA AA G G G GAAGGGGGAAGGAAGTTCAAAAGAGGGGAGGAAAAAGGGACGGG G G G A CA $\operatorname{G}$ GGGGGGAAAAAAGGGGGGGGAAAAGGGGGGAAGGCCGGCCAA
 G G G G G G G A A G G A A G GAA G G G G G GAAA $A$ AGGAGAGCGGGAAAAGAGGGGG GAAAGGAAGGAGGAAGGAGGAAACAAGAGGAAAAGAGGGGGGAACCAGCA AAAAAACGAGAAGGAAGGAGAGGCGAGCGAAAAGGAAGGGAAAAGAGGAA CCGAGGGGGGGGCCGAGGAACCAACCCAAAGAAAAAGAAAGGGGAGCCAC GGCAA G GAGGCCAAGGAGAGGAGAAGGGGAGGGGAAGGGGAAAAAAGGA AGGAAGGGGAGACAAAGAGAAAGAGAGAAGGAAAGGGGGAGAGAAAAAAA AAGGAACAGAAGGGGAGGGCAGGACAGGGCAGAGAAAGGAAGAAAGGAAG AAAGGGAGAAGAGCCGAGGAGGGAGGGAGAGGAAAAAGGGGGGAATTGG AACCGGAAAAAAGGGGGAGGGGAGAGGGGGAAAGGAAAAGGGAGGAAGA AGGGAAAAGAGGAAAGGAGGGAACAGGGCAGGGGAAGGAGAAAAGGGAG CCAAAAAGAGAAACGAAAGGAAGGACAAAGAAGAAAGAGGAGGAGGGGAG AA G GAGAAGAAGCCACAAAGGGGGGGGAAAGGGGCCACAAAAAAAGATAG AGGACCAAGGAGAAAGAAAAAGAAGGAAGGCACCAGAAAAAAGGCCAGGG GGGAGGGGAAAACCAAGGGGGGGAGGTTAATTGGGGGGGGAAGGAAGGG GAGGGGGGAGGGGAAGAAAAGAAAGGGGCAGGGGGACAGAGGAGGGGGG AGGGGGCAGGGAGAAAAGGGAAAAGAGGAAGGGGGAGGGGGGAAAAAAG CAAGGAAAACCCCACGGGAGGGGGAAAGAAACCAGGGAAACGGGGGGAGA GAAGGAACCAACCACGAGAGGGGGGCCCCACGGGGGGCAAAGAGCGAGGA G GACCGGAGGAGAAGGGACACGGAACAGAAGAAAGCCCCGGGAAAAGGAA CGGGGAAAAGAGGAGGGAAAACCGGGGAACAAGAGAAAGAGGAACAGCCT TGGACAAAAAGGGAAAGAGAAAGGGCCGAGGGGAGAAAAGGAAAAGGAGA AAGAAGAAACAGGGGAAGGAAAAGGGGCCCCAAACAACAAAGAAGAGGAA C G G G G G GAGGGGGAGACAAGGAGGGGGGGGAGAAGAAGAGAAAAAAAAA G G G GAAAGCCGAAGGAAAAGAAGAAGACCCAAGGAAGGAAAAGGCCAGGA AAAAGGAAAACAGAGGAAGAAAAGAGGAGGCCAAAAGGGGACAACCACCA AAAAAAAAAACCGGGAAAACGAAGACGGGGCAGGTTAAGGAGGGGGAAGG AAAAAAAGGAAACCGAGAAAAACCCCCCGAAGGGGGGGGGCCAAAACCAA G GAAAAGGGGGGAAAAGGGGATGGGGAGAAGAGAGAAAACAAAACCGGAA

G GAAAGGGGGGGAAAAGGAAAACCGAGGCCAAACAAAAGAGGGGACCCCC AGAAAAAAAAAAACAAAAAAAAGCGGAAAAGGAGGAGGGGGACACCGGGG G GA GA GA GACTAAGAGAGGAGGGGCCGGGGGGAGGAGAAGGGGGGAGGG GGGAGCCGGAAAGGGAGGGGGCAAGGGAAGGGGGGGAGAAGGGAGCCCC AA $\operatorname{G}$ GGGAGAAGGAGGGCAGGGGAAGACCAGAAGGAAGAGGGAACCAGAG GGGGAAGAAGGAAAACCGGGGGAGGCCGAAAGGGAGGTAACGGAAAAGG CAATGGGAAGCCGGAATAAAAAAAGGGAAAGGAAAAGACAGAAGAAAACC AA $\operatorname{l}$ ACCAGAGGAGACCAAAAGGGAGGGAGGGGAAGGGGAAAAAGGGGAG A G GA $\operatorname{A} A \mathrm{~A}$ GGGAGAAAGGTTAGGGAGAAGGGGGGAGGAGAGGAAGGCCGC GAGAAGAAACGAGGAAAGGCACAACCAGGGAAGAAAGGCAGAAAGGTTCC GGCCACGAGGGGGGACCCAGAAAGGGCCGGAACAAGAAGGGGGGAAGGA AA A A G G GCCGGGGGGGGAGGGGGAGGGGAGGAACCAACAGGGGGGGAAG GGAACCACGAGAGGGGAAAAGAGACCAAGGCCTTGGAAGAAAGGAAAGAG GGGGAGAAGAGGAAGGAAAAGGCCGGGGAGGAGAGAGGAACGGAGAAGA CGGAGAGGGAGGAGAACACGAAGAACCAGAAAGAAAGGAGGAAAAAACAC AGAAGGGGAAGAAACGGAAAGAGGAGGACGGAAAGGAGAAACCGAGAGGC CCAAGGGAGAAAGAAAAGGAGGGGGAGACGGAAGAAGAAAAGACAAGAAA A G GAAA $\operatorname{A} A \mathrm{G}$ GAAAAAAAGGAGAGGGAGGAGGAAGGAGAACGAGGAACGAG G G G AAAAAGAAAGCAGAAAAAGGGGGGAAGGAAAGGGGGACCAAACCGAC A G GAAAGAGAAGGGGAGGGGGGGGGGAGGAAAAAAAGGGACGGACCCAA AA G GCCGGCCAAGAAAGGGGGAGGAGCCGGGAAGCCGGGAACGGAGGGA AAAAATTGGGACCAGGGAGAAACGGGAAGGGGAGGCAAGCCACCCAAAAG GAACCAAAACCAAAAGGCCGGAAAAGGGGAAAAAAGGGGAAGGGGAAAAG AGGAGAAGGAAGGGGAACCGAAAGGGAGGGAAAGGGGGGAAGGGGCCGA GAAGAGAGAGGAAAAAAGGGAAAAGGGAGGAGGGCAGGAAAGCCAACCGA GGGGTAAAGAAGAGGAGGAAGGGGAAGGAAAGACAGCCAAGGGGAAGGG GAACCAAGGGGGAAAAAGGCACCAAAAAAGGAAAAGGGGGAGCAGGAAGA GGAGGAAGGGAAAGAAAAGAAAAGAAAAGGAAAAGGGAATTCGGGGAAAA AGAAGACAAAAAACCGAGAAGAAGAGAAAGGACAAGAACAGAAGAGACAA AGAAGCGAAGAGGAAACAGGAAAGGAAGGGGCCTTGGGGAAGGCCGGAAA CAGAGGGGGAACAGAAGGAGGAAGGAAGGGGGGGGGGCCAAAAATGAGA GGGGACGGAAAAGACCAGGACCAAAAGGTTAAAAGGAAGGAAAAAAGGAA GACCAGAGAAAAAAGGGGAAAAAAAAGGAAGGGGCAGGGGAAGGGGGGAA AAAAGGGGCCAAAAAGGAAAGGGGGGAAGGTTGGCGAGAAGGGGAAAGAA CCAAGGCCGGAAGGAAGGAAGGGGAGGGCCAGAGGAGGGGAAAACCAAG GCCAAAAAAGGAGGGAACCGGAAGAGGCAAAAAGGGGGGAAAAAGGGGAG AAAGGGGAGGAAAGGAGGGAAAAGGAAGGGGGGGGGGAACCGGAAAGAG GAGGCCGGAAAGAACGACAGAAGGAAAGGGAAGGGGGGGGAAAAGGAAAA G GCAGGAAGGGGAGGGACGGAAAAGGAGAGACGGAAGAGAAGGGAAAAC AAATTAAGAGAAAGGGGGGAGGAGGCCGAAAAAGGAAGGCCGGGACAGAA GAAAATTGGGGAAGAAGAGAAAGAGAGGGAAGGGACGAAAAGGCCAAGGC CGAAAGGAGGGGGGGAAAAGAAAGGAGGGACAAGAAGAGGGGGGAGGAG AAGGAGGGGGCCCAAGGCAAGGGGGGCCGGAAGAACGAAAAGAGAAGGAA GGGAGGGGGGGGCCAAAACCGGGAAAACAAAAGAAAACGGGGAGAAAAGG CСAATTGGGGGGGAAGACGGGAGGGACCAAGGAGAAGGGGCCAACCAAGG AGGAAAAAGGGAGGGACGGGAAAGGACCGGAAAGGAGAGGAACCAACCAG AAAAGAGAGGGAAAAAAAAGGGAAAAGGAAAGCCGGGACCAAGGAAGGGG CCGAAAGGAAAAAAGGAAGAGAAGGAAAGGGGAAAGAGGGAGGGGAAGAA
 G GAGGAAAAAGAAGGGAAAAGGGCAAAGGAAAGAAAAAGAAGGCGAAGGG A G G A A G G G G A G GAAAGGAGGGGGAAGGGGGGAGGAGGAGAACAGAAGGG GA $\operatorname{G} \operatorname{GG} \mathrm{G}$ G G A A G GCCGGAAGGGGAAAGGGAGCAGGAGAACCGGATAAGGC AA G GAAAAAGAAGAAGGGAAAGGGGAAAAGCGGAAGGAAGGGGAAGGCCA GAGAGAGGGACAGGGGGGGGGGGGGGGGGAAGGGGAAAAAAAACCAAAG GAAGGGGGAAAAGGGAAAAGAGCCAGGAGAGAGAGAGAAAGGGGGGAAA AGGACAGGGGGGGGGAAAAGAGGGAACAAGGAACCCAGGACCCGGAAAGA GGGAAGGAGAGAGAGAGGGAGGGAGAGGAAGAAGGGACCGGAGGAGGAA GGTTAAGGGAAGAACCGGGGAAAAGAGGGGAGGAGGAAGAGAAAAGAGG GGGGGAAAGACAAGAGAGAGGGAGAGCGGCCAAAAGGAAGGAAAGAAGAA AGGAGAAGGAGAGAAGGAGGGGGGGGACAGGAGGGCCAGGGAAAAAAAA CCAAGAAAGGACACGGAAAGTTAACCGGCAGGGGGGAAAAGGCCAAGGCC

GGAAAAGGGGCCAAAGGAAGGGAGAAGAGAAAAGAGAAAAAAGGCCAAAA G G A G G G GAA G G G G GAACCGGAGAAGGAAGGGGAAAAAAGGGGGGAAGGG GACGAAAAAGAAAAGAAAAACATGGAGGACCCCACGGGGGGAAGGAAGGG GAAAAGGAGGGACGCAGAGAAAGGAGGGGGAAGAAAAAAAAAACCAAGAG AAAAAGGCCCCGGAAAGGGAGAGGAAGAAAAAAAGGAGGCAGGAGGAAAG GAGAACCAGAGGGAAAAGCCCCCGGAAAAACAAGGCCAAGGAACCGGGGG AAAAGGGAGGGGGGGGGAAGGGGAAAACAGGGAAAGAGGGACCCCGGGC AAATGAGGAAGAAAACAGAAAACCGGAAGGAAGAAACCGGGGTAGGAAGG AGGAGAGAAAAGAAAGGGGAAAAGAGACGAACAGCCGAAGGAAAGGGGGG AAGGATGGCCAAGGGAAGCCTTCCGGACAAGGAGAGGGGAGGAAGGGGG GGGGGCCGGAACCAAGGAAAACCAGGGGGGGCAAAAAGGAAAAGGCAGGG AAAAAAGAAGAGAGGAGAGGAAAAACCAAAAAAGGCCGAGGAAGGCCAAC AGGAAAAAAAACCAAGGGGGGAAAGGGGGGGGGCCGGAAGGGGAAAAAG AAAGGGAAAAACGAAGGAGACAGAAGGGAAAAAGGGAACAGGGGAGCCAA AGGAAAGGGGCCCGCCAGAGGGACAAAAGGGACCAACAGGAAGACCACGA AGGCGAAAAAAAGAAACGAAAAAAGGGACCGGGGAGAAGAGGGGAACAAG G G G GAAAACCGCAAGGAACAAAAAAAAAAAGGACAGGGGGAAGGGGAAAA AACCAAGGGGTTCCGGACAAGACAGGAGAAAGAAAGGAAGAAGGGGGGCG AAAAAACAATGCGAGACCAAGGAAAGACAAAAGAGGGAGGAGAGAGGGCC GGGGAAGAAGACGAAAAGACAAAAAAAGAGAAAACAGAGAGGGGGAGGAA TTGGGGAACCAATTGGAAAAGGAAGGAGAAGAGGAAGAGGAAGGGGAGAG GAAGAAAGGAAACCGGGGAAGAGGGAGAGGAAAGAAACGGCCAAAAGAGG CAAAAGAAGGAGGAGAAAAGCCAAGGGGCCAAAAAAAAAAGGGGGGGGGAC AACAGACACCGGGACGCAAAAGGAAGGAGGGGAGAAAGAAAGAGAAAAAA CCGAGGCAGGGAAACCCCAAAAAAAAAAGGGGAAAACCAGGAAAAAGGAA AGAACCCCGAAAAAAAGGCAGGGGGAGAAACCAAAGGGAAGAGGCCAAGG GGGGGGCCGGGGGGAAAAAAGGCCGGGGGGGGAAAAACAAGGAAACGAG AGGAACCGGGGAAAAGAAAGGAAAGGGGGAAAAAAGGGACCGGGAAAAAA AAAAAGAGAAAGGAGACGGGGCCCCCCGGAAGGAAAAGGGGGGGGGAGAA GAGAAGGATCCGGAGCCCCAAAGAAAGGGAGCAGAAAGGAGAAAGGAGAA AGGAAGGAAAGGGAACAGGAAGAAGGGCAGAGGGGAAAAAAAAAAGGGGG GGGAGAGAAAAAAGGAACCGGGGAAGGAAGGCCAAGACCGGAAAAGGAAA AAAAAAAGACAAAAAGGCAACCCGAGGGAAAGGAAAAAAGGAAGGAAGGA AAAGGGGAAAAAACCCCGGAAAGCCGGAAGGGAGGGGAAAAGAAAAAAGG G G GAAAAAAGGAAGGAAAAAAAAAAGGAAGGGGCCCCCCGGAAAACCAAG G G G G G G G G GCCGGGGAAGGGGACATAAAAGGCAGGAAAAAAAAGACCAG G GAAGAGAAAAAGGGGAAGGAAGAAGGAGAAAGGCCAAAGGACAAGGAAC AA G GAGACAAGGAGGGAAAACCGGCCGGGGGGAAAAAAAACCCCGGGGGG AGAAGGAGAAAGGAGACGCCACGGAGCCGGAAGAGGCCAACCAGGAGAGG G GAGAAAACAGAGAAGCCGAAAAAGGAGGAAGAAGAGGAGGGAGAAAAGG AGGGGGCCAAAAACGAGAAAGGAAAAAGCAAAGGAAAGAAAAAAAAGGGG G GCCGGGGAGGAGGGATAGAGGAGGGAACCGGGGAAGGGGCAAAAAGGA AGGAGCCGAGAAACCAGAGGAAAGGAATAGAGGAAAACCAAGGGGAACCG GGGGGAAAAGGAGGAGAAAAAGAAAAAGGAACAAGAAAAAGGAGGCCGAG ACCGGAATAGGCCGGAAAAACGAAGGAAACCAGAAGGGGGGGGGGGGGG GGAAGAGGGGGGCCGAAGGGCCAAAACCAAAAAACCAAGGGGGGGGAAGG AAGGCCCCAAAAAGAGGAGGAAGGGGAAGGGACCAGAAGGATAAGGACGG GGGGCCGAGAAAGGAAAAAGCAGGGGGGAAAAAAGGGGAAGGAACCCGAA CCGGAACCGGTTTTAGATAAAAAAAGTAACCAAAGGAAAAAGCCGAAAAGA AAAGGCCGAAAGAGGGGCCCAAAGGAAGGGGGGAGCAAGAACAGGGGGG AAGGAGAAAACCCGAGGGAAAAGGAAGAAAACCCAAAGGAGGAAGGGACC AAAAAGAAACGGGGGAAAGGGAGGAGGAAGAAGACACAAAAGAGAAGGGA G G GAA $\operatorname{la}$ AGGGAAAAAAGGGGGACACCACAGGAGAACGAACACGGAAGGAG AGGGCCAGGGGGAAGGAACCCCGGGGGGCCAGAAGACCAGGAAAAAAAGG
 AA G G CAGGGGAGACAGAAGGACAAGGGGAAAAAAGGGAGAGACAAAGGAA AAAAGGCCAAGGAAGGGGGGAATTAGGGCAGGAGAAGAGGGGGGCCGGC CAAAAGAGGGAAAAAAAAAAAAGCCAGACAGAAGAGAAAGGGGAAAGGGC CAGAAAAAGAAAGCAAAAACCAATTGGAAGAGGGGGGGGGGAGAGAGGGG A G G A A GAGGGGAAGGGGAAGGGAGGGGGGGGGAAAGAGGAAGGAACCAA G G GAGGGGGGAGAAGGGAAGAGGGAACGAGATGGGGCAGGGAGGAAAGG

GGGAAGACAGGAGGGCCGGGGGGGAAAGACCCCGGAAGGGGGAGAAGAG GGAAGGCCGGGGAAAGGAAAAAGGGGGGGAAGAAGGGGAGAGAGAGGGG ACCCCGGAGGGACACAGAGGAGAACGGCCGAAAGGACGGAAGGAAGGGGG GAAAAGGAAAAGGGGGGAGAACCAGAGGAGAAGAGAGAAGGGGGGAAAAA AGGGGGGAAAAAAAAAAGGGGGGAAAAAAAAGGGGGGGGCCAAAAGGGG AAAAAAAAGGGGAACCGGAAAACCAAGGGGAAAAAAAACCGGAAGGGGGG GGCCAAAACCGGAAAAAAAAGGGGGGAAGGAAAAGGGGGGAAAAGGAAGG GGAAAAAAGGCCTTGGAAAAGGAAAAGGAAAGGGAAAGGGAGAGGGGACC AAGGGGAAGGACCCGACCGACGCCAGAGAGCCGGAAGGGGACAGGACAGA GAAAAAGGGGCAACAGGAAGGGGGGGAAGGAAGGAAGGGAGGCCAAGGC CAAAAGGGAAAAACAAGGGAGCAAGAGGGAAGGAGCCAAAAAAAACAAAA GAAAGGAGGAAAGGGACGGAGGAAAGAGGAAAAAAGGAAGGAAGGGAGG CCGGAGAAGGCCGAAGGGGAACAAGGGGGGACAGGACCGAAAGAGGAAG GAAGGGGAAAAAAAAAAAAGGGGAAGGGGAAGGGGAAGGGGAAAAAAAAC CAAGGAAAAAAGGGGAAGGAAAAGGAACCCCAAAAGGGGCCGGAACCCCA AAAAAAAAAAAGGAAGGGGAAGGAAAACCAAAAAAAAAAAAGGGGAAAAG GGGGGCCAAAAAAGGAAGGAAGGAAGGCCGGGGGGGGGGGGCCAAAACC AAAAGGAAAAAAAAGGAAAACCGGAAAAGGCCAAAAAAGGAACCGGAAAA AACCAACCAAGGAAAAGGGGGGCCAAGGGGGGGGGGGGAAGGCCCCCCG GAAGGGGAACCGGGGAAGGAAGGAAAAGGAAGGAAGGAAGGAAAAAAAAG GAAGGGGCCAAGGAAGGAAAAGGGGGGAAGGAAAAGGAAGGAAGGGGCC CCCCAAAAAACCGGAAAAGGGGGGGGAAAAAAGGGGGGTTAAGGAAAAAA AAAAAAAAGGGGAAGGGGAAAAAAAATTGGCCGGAAAAAAAAGGAAAAGG GGGGAAAAAAGGAAAAAAAAGGGGGGAAGGCCGGAAAAAAGGAAAAAAAA AAAAGGGGGGGGAAGGAAAAAAGGAAAAAAGGGGGGAAAAGGGGGGAAC CCCAACCAAAAAAAAGGCCGGGGAAAACCGGGAGAAGGGGAGAAAGGCCA GGGAGGACAGGAGAAAGAAAACCAAGGGAAGCAAAAATTCCAGGGGGAAA GAAGGGAAGGAAGAACCGAAGGGCAAGGGGGAAGGCACCCCAAAAAAGAG GGGAAGGGAAAGGAACCAAAGAAAGGAGGAAGGAGGGAAAAGAGAACAAG AAGAGAAGGAAGAGAGAAGAGAGACGAGGAGGGAACAGGAAAGAACCGAG GGGAGAGCAGAGAGGGGAAAAAGGCGAAAGAAAGGCCCCAAGGCAGAAGG AGGCCAAGGCCGGAGAAAAAGAAGGGCGGACGGCACCCCAAAAGGAAGGA AAAGGGGAAGGAAAGAAGGGAGGGGGGAGGAGAGAGGGAGGCCCCGGGG GGGGGGAGGAAAGACCTAGAAAGGGGAAGGAAGAGGAGAAAAGGAAGGG GGGAACAGGCAGGGGGGAAAGAAGGAAGGAGAGAAGGAAGGGAAGGGGG AGGGAAGGGGAGAACACAGAAGAAAAAAAAGGGGGGAGAAACGAGGACAG AAGAGAAAAGGAGAAGAAAAAAAAACACAAAGGGGAAAGGAGGGAGGAGA GAGGAGAGGGGACCACACGAAGCCGGAAGGAAAGAAAACCAAAGGAGGCA GGAAAAAAAAGGGGGGGGGGGGGGAACCGGCCGGGGGGAAACGGAAAAG GGGCCGGCCCCGAAGAACCGGAAGGGGAAAAAAGGGGCCCCGAAAGGGGA AAACCAACCGGCCAGAGGGGGGAAAGGCCAAGGAAAGCCGGCGGACCCCA GGGCCGAGGAGGGGGGGCCAGAGAGGGGAAGGGAAAAAGAAGGGGAGAG AGACAAGGAGGGGGGGGGAAGAGACCAGATAAAGGGAAAAAAGGAGCCGG GGCCAGGGAGCAAGCAAGACCAAAGGGAAGACGGGAAGAAGGGGAAGACA CAAGCAGAGGCAGAAGACGGCCAAAAAAGGGGAGGGGGAGAAGGAAGGAG AGAGCACCAGAGAAGGAGGGCCAAAAAACCGCGAAGAAAGAAGGAGGGAA CCAAAAGGAGGGGAGGAAGGAAGGGGAACCGGCCAGGGAGGGACGGGGA AGGGGGGAGCCAGGAAAAGAGACAGAGGGAAAGAAAAAAAAAAAGAGAGG AGGGGAAGGGGAGGGAGAAAAGAAAAAGGGGGGCCCCCCGGGGACGAAG GGAAGGGGGGAGGGGAGGGGGGACGGCCAAAAGGAAGGAGAAAGGAGGG GGGGGAAGGGGGGAGGAAGCCAAAAGGGATAAGAGCACACCAGGGAGAG CCGAAGAGGAAAGGGAGGAAAGAAAAAGAGGGGAGGGGGGCAAAAAACGG AA $\operatorname{l}$ GAAGAGGGGGGGGGGCCGGGGGGGGAGGGGGAGGGGAAAGGGGAAG GAAGGGGGAAGAGGAGGAAAAGGGGCAGAAGGAGAAGGAGGGAGCGGGG GAGGAAAGAGAAAGAAGGGAAGAGCCCCCGAGAGGGAAACGACCGGGAGG GAAAATGGAAGGGGGGAAAAGGGAGACCGGGGCCGAGGAGAAAACCAAAA AGGGGAGGCAGAGAAGCCAGAGGGCCGGAAAAGGGACAGGAAAGAAAAAA GAGCAGGGACAAAGGGGGAGAAAAAACCGGAGGGAAGGGGGGGAGAGGA AAAGAACGACAGGAGCCGGGGGATTAAGAACGAAGGAGAGGACAGCCGAG GAACAACGGGGAAAAGGAAAAGGAGAAGGACGAAACCAAAGGGGGAAAAA ACAGGGGAAAAGAGGCCCCCCGGAAAAAAAAAGAAAAGGGGGGAGCCACC

CAAAGAAGGGAGGGAGCGGAAAGAAGAAGGGAGCCAAGGAAGGAAAAAAA CGGGGAGGAGGAGGGGGGGCCAGAAAGGAACAAAGCCGGAGGGCCGGGG AAAAGGAGGGAGGGGGAAGGGGAGAGCCAGGAGGACAGGGGCAAAAACG AAGGAAACACCGGGGAGAACCAACCGGAAGGGGGGGGGGAAGGAAGGCC GGAAGGGGGGAAAAAAGGGCGGGGGAGGAAGGAAAGGGAAGGGAAGCCA AGGAGCCAAAGAGAGCAGGGAGAAAGGCACAAAAAAACCGGCCAGGGGGG AGAAAAGAGGGAAGGGATAAGGAGAGGGGGAGGAGGAAAGGAAGGAGAC AAAAGGGGAGGGGGGAACCAAAGGCAGGAAGGGGGGAAAAGGAAAACAAA GAGAGAAAGGAAGGAAAAAGAAAAGGGGGGGGAGAGGGAAAGACGGGGG GAAGAGAGAGAAGAGGAGAGGCAAAGGGGGAAGGGGAGAAGCAGGAGAA AAAAAGAGAAAGGGAGAAAAGGGGGGGGAAAAAGGGGGGGGGGGACACA CAAGGGAGGGGAACCAAAGAGAGAAGAAAAGAAGGAAAAAAAAAAAAAAG GAAAAGGAAAAGGAAGGAAGGAAAAGGAAAACCAAAAAAAAGGAAGGGGC CAAAAAAAAGGAAAAAGGGGGAGGAGAAGAAAGAAGGAAGAACAGAACAC AAGGGGGGGGAGAGAAGGGAGGGAGAGGACAGAACAAGAAAGGAGCAGG AGAAGGAGAAAAGGGGAACCAGAACCGGGGGAAGAGCAGGGGAAGAGGAA AAGACCAAAAAAGAAGAGAGAGGGCAAGAAGGAAGGAAAAGGGAGGAGGG A GAGACCAGGGAGGAGGGGGACGGGGAAGAAGGAGAGAAGGAAGACGGG GCAAGAGAAAGGAGGGGCCAGGAGGAGGAGAGAAAGGGGGGAACCAAAAA ACCGGAACCGGCCGGCCGGGGAACAGAGAGAAAGGAGGAACAAAGAGAAG ACAACGGAGCCAGAAAAAAGGACGGAAAGGGCAAGGGGACCGGGGGGGG GGAACCAGAGGGGACCACCGAGGGGAACGGAGAAGGAAGAGAGGACGAGA AA G GAAAGAGGGAAGGGGGGAGAGAGGGAGGAAGAGGGGGGAAGCCCAG GAAAGAACCGAAGGAGGAAAAGGGAGGCAAAGAGGGGGAGAGAAACCAAG AAAAAAAGGAGATAACGGAAGAAAAAAAAGGAAGGAAAAGCCCAACAGGA AAGGGAAAAGGAGAGGAAAAAGAAAAAAAAAGGGGGGGGAAGGGGAGGAA GGAAGAAACGGGGGGGGGAGGAGGAGGAAAAGGGGAGGGAAAGAAAAAA AAAAAAAAAGAAAAAGGGAAAGGAGGCCGGAAAAGGCCGGAGAAGGGGAA CAAAACGGAGGAGAGAGAGAGAGGAAGGAAAGTAAGGGAGGGAGGAGGG GAGAGGAAAAAAAGGAAAACCGAAGAGGGAAGGGACCAAACGAGGGGAAA AGGCAGGGGCCGGGGAAAAAGAAAAGGGGAAGGACGGAGGAACGGGGAG AGACAGAAGAAAAGAAAACCGGAACCACAGAAACAAGGGAAAGGAAGGTT AGAAGGGGAAGAAAGGAAAAGGGAAGAGAAGGCAGGGGGAGAAGCCGGA AGGAAAAGAAGAGAGAGGGAAGAGGGGAGGAGGAAAAGGGGAAGGGGGG GAGAGAAGGGAAACAAACGAACAGAGGAAAAGAGCCCATTAAAGAAAGGA AGCAGAGAAGGGGGAAACAGAAAGGGGAGGGGAGAGGGGGAGACGAAAG GCCAAGGAAAAGGAAAAAAGGAAACGAGGAAGAGGAAAAGGAAAAAAAAG GAAAAAAAACCCCCCCCAAACAAAAGGAGAGGAGAAGAAAGGGAAGGAGA CGGAAGAGGAAACAGAAAGCCAAGGGGAACCCCGGAGAGCAGAAGAGAGT TGGAACAAGGAGAAGGGAAACAGGGAAGGGACAGAAAGGCCGAAGGGAAA GAGGGGGGGCCCCGGCCAAACGGAAAAAAGGAAGGAAGAGGCCAGGGAAA AGGGGGAAAGGCAAAAAGGGGGGCAGGAAAGAAAAACAAAAGAAACCGGG GAAAAGGGGAAAAACAGAAGGAAGGGGGGAAAAGGAAGGGGGGAAAAAGA GGGAAGAGAAGGGCCAAGGGGGGGGAAGGAAAGAAGGAAAAAAGAGGAA AGCCCCGAAGCAAAGGGGCAAAGGCAAAAAGAAGGGCAAAGACACCAGGG GGGGGGGGGAAAGGAAGGGGAAAAGGGGAAAAGGGGAAGGAAAAGGGGG GGGAAGGGGAAGGAAGGAAAAGGGGAAAGCCACGAGAGGGAAGGGAGGG GGAAGGGGAGGAAAGAAAAAAAAGGGAGACAGGGGGGGGGAACCACAGG GGGAGGGGAAGCAAGAAAGAAAAAAAAGGCCGGAAGGAAGGAACAGGGGC CCAGAGGCCCCAAACAAACAAAGAAGGGGAAAAGAGAGGCCAGCAAAGAA AGGAAAAGGGAAAAACCCCGGACAAGACAAAAAGGGGCCGGAAAAGGGGT TGGGGAAAAAACAAAAGGGGGGGAAAAAGGAGAACGAAGAAGGCCGGGGA AGGAAGGGGCAAAGGGGAAACAAAAATCAAGGGGGCACAAAAGACAGGGG AA G GAGGACGGAGAAGGGGGAAGAAAAGAAAGGGAAGACAAGGGACCAAG GGGAGGAAAAAGGGGGGGGCCAAAAAACCGGGGCCCCCCGGAAAGAAGGG GAACCAAAGGAGAGGAGGGAAAAAAGGCCGGTTAGGGAAAGAGGGGGACA GAGGGTTAGAAGAGAAGAAAAAAGAGCGGAAGGGGGGAAAGGAGGGGGG AGATGGGGAAAAAGAGGAGGGGGGGGAGAAAAAAAGAGAGCCGGAGGAA AAAAGTTGGAGGGCCGGCCGGCAAGGGGGAAAACCAAAAAAAAAAAAAGG GAGAAGGAGGGGAAGAGGAGAAAGGGGAAAAGGGGAGGGGGGGAAGGGG AAAAGGACAAGGGGAGGAAAGGAAGGAGAGGAAGAAAGACGGGGAAGAAA

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G GAGTTGGAGAAGGAGAAAACCAACCAGAAACAGCACGAGGAGGGGGGGA G G G A G G G GAGGGGGAACCCCGGAACAAAAGGGGGCAACAAGGAAGGGGG GCCGAGAAGGGGCGGAGAAAAACGACCGACCAGGGGAGCGGGGCCGGGG A GAGAGGGAAAAGAAGAAAAAGAACCAGGGAAACAAGACAAGGGAGAGCA AACAAGAAGGGGGAGAGGTTACGGGGACCCAGAAAGGGAAAAGGGGGGCC AAAAGGAAGGAAGGCCAAGGAAGGGGAAGGGGGGGGGGAGAAAAAAAAAA CCAAGGAAAAAAAAAACGAAGGAAAGGGGGGGAGGAAGAAGGAGGGGGAA AAAAAAAGGAAAGAGGGGAAAAAGAAAGGGCCAAAAGGGGCCCAAAAAAA CCAGGGGGAAAAAAGGAGAGAAAAAGAAGAAAGGGAGGGGGGAAAACCAA GGGGAAGGAACCGAAAGGGAGGAAGGCAACGAGGAGAACCGGAAAGGGG GAGAGGAAAGGGAGGCGACAAAGGGAACCGGGGGGAAAAGGAGGGGGAG AACCGGAACCGAGAGGATAAGAGAAGGGGGACACGGAAAAAAAGAAAAGG AGAAAGGAAGGAAAGGAAAAAAAAAAAAAAAAAAAACCAAAAGGCCGAGA GAGAGGCCAAACGGGGGGGGCCGGAAAAACGGGGAGAACCAAAACCAAGG AAAAGGAAGGGACCGAGAGGGAGGGGGGAAGGGGAAAAGGGGAAGGGGA AGGAAGAGGAAGGGGGGAGGAAGAAAAAAGGCCGAGAAGGAAAGAGAGG AACCGGAAGGAAGGAAGGAAAAAGCCCCGGAAAAGGAAAAGGGGAAAAAA CCGGGGCCAAGAAAAGGAGGAAGGGGAAGGGGAGCAACGAAGGGGAGAA
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GGAGCAGAAACCCCCAGGAGAGACGGAAAAAGGGAGAACAAAGAGGGGGG AGAAAGGAGGCACCGGAAAAAACCGGGGGGAGGGAGGAGGAGGGGGAGA AGGAAGAGAGGGGGAAACCAAGGAGAAAAGGGGGAAAGGAGGGGGGAGG AGAAGGGGAGGGGAAAGAAGAGGAAGAAAAAAGGGGAACAAAAGGGGAGA ACAAAGGAGAAACCAACAAGAGGAAAAAGAAAGGAAAGGAGGAGAACAGA AAGGGGATTTAACCGGGGCCGGGGGAGGCCAAAAAACCGGCCAGGAGGGA CCAAGGAAGGGGCAGAAAAACAAGAAACGGGAAAAGGACCAGCCGAAAAG AAAAAGACGGAAGGAAGGGACCGAACAAAGAAAAAGAAGGAAAAGGTTGG AACCGAGGAAAAGAGGCAACGAGGAAAGGAAACCGAGGGAGGAAGGGGGG GAGGAACAGAACAAAAAAAAGGGGGGGGGAAAAAGAGAAAAACCAAGGAC AAAAGGAAAAAAACGGAAGGGGGGCCGGGGAGAAAATTGGGGCCAAGGGG AAAAAACCGGCAGGAAAGCAAAAAAAAAAGCAAAAAGAAAGGGGAGAGAA AGAGATTAAAAAAGAGCCGGAAGGAGGGCATTGAACGGGAGGGGGGGGAA GAGAGGAAGGAACCGGAACCAAGGCCAAAAAAAAGGCCAAGGGGAAGGAA CCAAAAGGAAGGAAGGGGAAGGGGAAGGAAGGGGAAAAAACCGGAAAAGG GGCCGGGGAAGGGGAAAAAAAAGGAAGGGGACCCGGGAAGAAGGAACCAG AAGAGAACGCAAAAAAGGAAAAAAAAAAAAAAGAGAGAAAAAGAAGAGAG GGAAAAGGGGTACCGGAAGGAATAAACGGAGACCAAGGGGAAAGGAAGAA AAAAGGAAGGGAAGAGAAGGAACCGGAAAACCGAGGGGGCAAAAGGGGAA AA G GCAAGAGGAAGAAGGGGGAAGGGGCAAGGAAAAAAAAGGAAGGAACC GGGGGGGGAAAAAAGGGAGGAAAAGGGAAGGGAAGGAGGAAAGGGGAAA AGGGGGGAACCAACCAGAGACGGCAGCGACCGGAGAAGAGGCGGGACGAG GGGAAAAAGGGGGCCCCAACAAGAAAACCGGAAAAGAAGGGGGGGCCAAG GGAAGGAGGAAGAAGAAAAGGGGCCCCGAAAGGGGAGAGGACCAACAGAA AGAGAAAGGGAAAAAGAGAAGCCAGAGGGAGAAGGGACAAAGAAGAGGGG ACCAGACGAGGGAGGGGGGAGGAGCACGCAGGAGCAGGGAGAGGAAGAG ACCACAGGCCAAGGAAGAAAAGAGGAAGGGAAGGAAAAGGCATACACCAA AACCTAGGAGAAAAAACAGGAAAAGGGGGGAAAGAAACCAGGGGGGCCAA AACCAAGGCCGGAGGGAAAAGGAACCAAGGACGAGGAAAGGGAGGAACGG AA G G GAGGAAGGGGGGGGGGCCGGGGGGCCAAAAAGAGGGGGGAAAGAA AAAAAATAAGGGGGAAGCAGAATCAGAAAGAACAAAAGAAAGAAACCAAC CTAAAGGAGGGCAAGAAAAGGAACCGGGGGGCATTGGAAAAAGACCCCCA AAGAAAGTAAAAAGGGATTAAACAACCAAAAAAGAAGAGAAGGGGGAAAG GAGAGCAGGAGAAAAAGGGAGAAAGAGACAGGGAAGGGGAAGGAAAACCA GCAAAGGGGAAGGGGAGACAGGACCAGGAAAAACCAAGGAGAAAAGGAAA AGGGGCCCATAAAAAGAAGGAGAAAAACCAAAGAGAAGGAACAAAGACAC ACCACCAAGCCGGGAAGGAATAAAAAGGAAAAAGGGGAAGAGGGAGAGGC CCCGGCGAGAGGGACAACAGGGGGGCCAGAAGGAAAAAAGGGGGGAGACA CAAGGGGCCGGGGGGAACCCGAGGCGAGGGGGGGAAAAGGGAGGGGGAG AAGGGGAAAACAAACCGAACAGGGAAGGAGGAATGAGAAAGAGGGGACAG GGGGCCACGGGGAGGGAAAAAAAGAACAGGAAAGGAGGAAAGGAGAGGAC GGAAAAGGAAGGGAAAGGGAAAAGAGAAGGGGCCAGGAGGAAGAAAAGGA AGAAAAGGCCAAGGAAAGAAGGGGGAAAAAAGGAAGAGAACCGAGGAGAA AGGAGGAAAGAGAAAACAGAGAAGGGAACACCGGAGGGACGGAGGGAAAA GACAAAGGAAGGCGGAGGAAAGGGCACCAAACGGGGAAAGAAAGGAAGAC GAGGAAGGAACCAAAGATAAGGGGGAGAGAGAGGCCGGGGAGAAAAAAGA CGCACCGGGGCCGGGGGGAAGGGAGAAGGGACAGGGAACAAAAGAAAAGA AACAGAAGGAAGGGCACAAAAGAAACGGTAACGGGGACAGGGACGAAAGG GGAAAAAGCCGGAAGGGACCCAGGAACCAGAAAGAGGGGGAAGAAACCGA GGGGGAAAAAGAGGTAGGGGAAGAAAGCAAAGAGGACAGACCGGGGAGAA GGGGGGAACCGACCAGAGGAGGGGGGGAGAAACCACGAGGAAGGAAGGA AAGAGAGGGGAGGAAAGGAGGAGCCCAAGGAGGGGAGGGCCGAGGGGAA AGCCAAAAGGAAAACCAAAACCGGGGGGAAAACCAAAAAACCCCGGAACC AAGGAAAGGGCGAAAAAAAGAAAAGGAGAGGCGGAAAAGGAAGAAGACAG GCAGGAGGAGAGAAGGAAGAGAAGGAAAGGGGGGAAAAAGAAAAAAGGCA AA G GCAGGGGGGGGAAAAAAAAGGAAGGAAAAGAAGAGAGGAGAGGGGG GAAGGAAGAGGGGGGAAGGCCAGAAAGAAAGAGAGACACAGGAAAGGGGA ACCAGAAGGCCAAGGGAACGGAGGAAGGGAAGGAGGGAAGGAAGAAGAAG ACCAAGGAACCAGGAGGCCCCGGGGACAAGGCAAAGGCCAACCGGGGAAG GGGCCGAGAGAGGGAAGACAAGGGGGGAAAAAAAAGGGGGGAAGGCCAG AAGAAAGGAAAAGGAAGGAAAAGGGAGGGGCCGAAGGGACAAAGAACAAG

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 G G ACGGAGCCAGGGGAAACCAGAGAAAAAGAAGAGGAAGAAGAAGGAACC AAGGGGAAAAAGAACCGGGGGGCCAGGGGGCCAGAACCAAGGAAGAGAAA ACCCGGAAGGAGACCCGGCACCCAACGAGGAGGGGGAAGGAAACAAAAGA G GAAA G G G G G C CA $\operatorname{A} A C G G G G G G C C G G G A G G A G G G G G A G G G G G A A A A C C A$ AGGGACGCAGAGGGGGGAAAAGGCGAAGGGACGCACCAAGGAAGGGGGG ACAGCAGGGGGGGAGGAGGGAGGAAGGGGGGGAAAAAGGAGGCCAAGGG GAAAGAAAGGAAAGAGGAGGGAAAAACGGAGAAAAAAAGAAGAGAAGAGG AGAAAGGCCAAGGGGAAGGAGGGAGAGGGAAAACCAAAAGGAGGGGGGG AACCGGGGCCGGAAAAGGCCGAAAAAGGAGAGGGGGAGAAAGGAAGGAGA CAGGCCCCGACCACGGGGGGAGAGAAAGGGGAGAAGAGACAGCGGAAGAC CCGGGGAAAAACAACAGGAAAAAGCAGGGGGGAAGGGGAGAAACGGAAGG G GAAAAAGGGGGGGAACCGGAAAAAAAAGGGGAAAAGGGAGAGGAAAAGG AGGGGAGGGGGAACGAGGACAAGGGAAACCAAAAAAGGAGGAAGGGAGAA G G G G G G G G A GAAAAAAAAAAGGAAAAAAGGGGAAGGAAAAGGGGGGAAG GAAGGCCAAAAAGCCGGAAGGGGGGAAAAGGGGGGAAGAAGGCGAAGAG AGGGAAGGAGAAGGAGGGAACAAAGGGAAAGAGGGAAACCAAAAGGAAAA AAAAAAAAAAAAGGAACCAACCAAGGCCGGCCGGTTGGGGAAGGGGAAAA GGGGAAGGGGAAGGGGAGAGGGGAGAAAAAAAAAAAGGAAGGGGAAGGA AA G G G GAGAGAAGCAGGAGAGCCACACAAGGAAGGAAGGAAGGAAGGAAG G G G AAAAAAAAAAGGAGGGAAGAGGCAAAGGGGAAGGGGAGACAGGGAG GGGGGGAAAAGGGAGACAAGAATAAGACGGGGGGGAAGACAGAAGAAGTT AAAAAAGGAAAAAAGGCCGGGGCCGGGGGGGGGGAAAAACAAGGAGGGAA CCGGAAAAGAAAGGGAAAGGGGGACCAAGAGGCCGGGAGAGACAAACAGA G GAAAGGAACGAAAGGGGGGAAAACCAAAAAACCAAGGGGAAAAGGGGGG AAGGAAGGGGAAAAGGAAGGGGGGAAAAAAAAGGAAAACCGGAAAAAAGG GGAGGAAAGGAAAAACAAGGAGAACAGGGAAACACAAAAAAAAAAAAAGA G G G A G ACAGGAAGGGAAGAGAGAGGAAGAAAAGAGGGGAAACCAAAAAGA GACCGGAAGGGAGGAGACAAAAGGGGCCAAAAAACAGGAAAGAAGAAAAG GACAGAGGAGAGAAGGGGAAAAAGGAAGAAAGAAAAGAGGCCAGGGGGG GAAAAGGAACCAACCGGAAAGAGAGAAAAAGCGAAAGGAAAGGAGAAAAC AGGAAAAAGGGAAAGAAAAAGGGAGAGCCCCGAGGAACAAGAGAAAGACG GAAGGGAAAAAGGCAAGAGGAGAAGAGGAGAAAAAAGGGAAAGAGAAAAC CGGAAGGAGAGGAGGGGGGGAGAAAGGGGAACAAAGGGGGGAAAAAAGA G G G GAACCGGGGGGAGAAGGGGCGGAGAAGAAAAGGAGAGCCGGCCCGA AGGAAGGGGAAGGAAAAGGAAGAAGGAAACCAGACCCGGAAGGGGATAGA GGAAAAAGGAAGGGGGGCCAAGGGAAGGAAACCAAGGCCAGGGGGAAGA GAAAGGAACCAAGGGGAAAAGGGGCCGGCCAAAAGGAAAAAACCAAAAAA GGAAAAGGAAGGAAAACCGGAAAACCCCGGAAGGAAAACCAACCGGGGGG GGAAAACCAAAAAAGGAAGGAAGGCCAAGGGGGGGGGGGGAAGGAAAAG GAAAAGGAAGGAAGGAAAAGGGGGGCCAAGGGGAAGGAAAAGGCCGGGG AAAAGGGGGAAAGGCACCAGAAGGCCAAAACCAAGGGGGGGGGGGGGGA AAACCCGCCAAAGGGGGGAGAGAGAAAGAGGAAAAGGGGAACCAAGAGAA GACATAGAACACCAAGAGGTTAAATGAGAGAGAGAAAAAAAGGGGAAGGA AAAGGGGCAGAGGAAAGAAAAAAAGGGGAAACCGGCCAAAAAAGGCCACG G G G G GAAAAGGAAGAAGAGCGAAAGTTGAGGAAAAAAAAGGCCCCCCGAC AGGAGAAGAAGAACCCAGAAGGGATACCCCAAAAGCCCCAAAGAAGGACA GCCGGGGGAGGGACCGGAAGGAACCGGGAAAAGAACCAAAAAAAGAGAAA GGAAAGGAAGGAAAACCGGGGCAGGGAAAAGAAGGAAGGAAGGGGGGGA G GAA $\operatorname{l}$ GGGAAGGAAGGACAGAAAAGGAAAAGCGGAAGAGGACGGGGTTA GCCGGGGGGGGAAAAACAACCAAAAAAAAAGGGAAAAAGAGAGGAGAAAA A G G G G A A T TAAAAGGGGAAGGAAGGGGGGAAGGAAGGGGGGAAGAAGAA AACCAGGGGAAGAGAGCCGGGGAACCGGAAGGGGAAAAGGGGGGAGTAG AGAAGAAAACCAAGGAGAGAAAGGAAAGGGAAAGGAGTTAGGAGGAAAAC CGGCCCAAAGGGGGGGGGGGGAAGGAAAAGGGGGGAGGGGAAGAAGGGG GAAAGAAGGGAGGAGAGAAAGGGGAAGGAGAAGGAAGGGAAAGGGGAAA

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 TAACCGGAAAACCAGGAGGGGCCGGGGAAGGCCGAAGGAGGAAGGAAAAA AAATTGGAAGGGGAACCGGAAGGGAAGGGGAACGGAAGAAAGGGGCCGG GAGGAGGGGGCCCAAAAGAAGGAGGGAAAGGGGAGGGGACGGCAAAGGA AA $\operatorname{GAG} \operatorname{l}$ GAAGGAACAGAGGAACACCGAAGGAAAGGGAGAAGCAAGGAACG AGAGAGAAAGACAAAAGAGAAGAAACCAAACAGAAGGGGGAAGGGGAAGG AGAGGAGAGAGGGCCGGAAAGGAAAGGACAGGGAAAAGGAGGGGGCCGA G G G G A G GAGGGGAGAGAAGGGAGGAAGGGGAAGGGACGCCAAACGGAGG AGGAAGGGGAAAAAAGGGGGGAAAAAAGGAGAGAGGGGGAAGGAAGGGC GGGAAAGGAAGGGGCCAGGGAGAGGGACGGCCAGGAGGGGACGAATGAA ACCAAGGAAGGGAGGGGCCGGGGAGAGGGAGCCAAAGGAGGAGGGAAAG AAAGAAAACAGGCCACAGGGCCAAGGGGAAGGGAGAAGACAGAAGAGAAA

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 AA $\operatorname{l}$ GGGAGAGCCGAGAGGGGCAGGAGAAAGGGGGAAAGGAAAAAAGGAA GAAGGAAAGAAAGAAAAGGAAGGGGGGGACCACAGAGGAAAGGGAAGACC CGGGGCAAGGAGAAAGAGGCCCAAAAAGAGGCAAGAAAAAACAGAAGGGA AAAGAGGACGGAAAGAGGGGGGGGACCGGAAGGGGAACCGGAAGGGGGG GGCCCCGGGAGAGAAGAAGAGAGGAACCAAGGACACGGCAACGAAAAAGG AAGGGAGAGAAGGAAGAGAAGGGGAAGGAACAGGAAGGCCGGGAAAGGG G GAGGAGGAAAGGGGCAAGACGGAGGGGGGACCCCAAAAAGGGAGAAGG AAGACCGGCCGGACAGATGAAAAAAACCGGAAGAGAAAGGAAGGGGCCTT G G G G G G G GAAGGGGGGGGAAAGACGAGGCCGGAAGAGATTAAAAGAGGC AAGGAAGAGGAAAAAGACAAGGAGAGAGAAGAAACCCCCAAGACCAAAAG AAGAAGAGGAAGACAAAGGGACCAGAGAAAAAGAGGACACAGGCAGAGAA GAGACCCCAGGGGAGGGAAAAGGGGGGAAGGGGAACCAGGACACAGGGA G GCCAAGGAAGGCAAAACAAGAGGGGGGAAGGGGAAAAGGAAGACAGGAA GGAAAAGAAAGGAAAAGGAACCAAAAGGAAAGCAGAAAGAAGAAAGCCAG CGAAGGAAAAGGAAGAAGCAGAAAGGGGGGGGCCAGACAGGAAGGAGAGA CAGGGAGAAAAAAAGGAAGAGGAAACCCGGGGGGGATTGAGGGGCCAGAG GAAAACGGAGGAAAGGGGGGGGGGGGAGCCAGGGAACAGAAAGAAGGAC CGGAAAAAAAAGGGGGGAAGGGGGGAAGGGGGGGGACGGAAAGACGACA AAAATTAAAACCAAAACCCCAAGGAAGGAAAAAAAAGGGGGGAAGGGGGG GGGGCCAAGGGGGGGGGGAAAAGGAACCCCAAAAAAAAAAAAGGGGGGAA CCAAGGAAGGGGAAAACCGGAAAAAAAAAAGGAAAACCAAGGGGGGAAGG AA $\operatorname{G} G \mathrm{GGG} \operatorname{GGAAGGGGAAGGGGAAAACCAAAAGGGGGGGGCCAAGGGGAAA}$ AGGAAGGGGAAGGAAGGAAGGAAGGAAAAGGAAAAGGAAGGGGAAGGGG CCGGGGAAAAGGAAAAGGGGAAAAAAAAGGGGAAAAGGGGAACCAAAAGG GGGGTTGGGGAACCAAAAAAAAGGGGGGAAAAGGAAGGCCAAGGAAGGAA GGAAGGGGCCAAGGGGAAAATTGGAAGGAAAAAAGGCCGGCCAAAAAAGG AAGGGGGGAACCAAAAAAAAGGCCAAGGCCGGGGGGAAAAAACCGGGGGG GGGGAAAAGGAAAAAAAAGGGGGGGGCCGGAAGGGGAAGGGGAAGGAAG GAACCGGAAGGAAGGAAGGGGAAGGAAAATTAAAAGGAAAAAAAAGGAAA AGGAAAAAAAAAAGGAAGGTTAACCGGAAGGAACCCCGGAAGGAAAAGGG GAACCAAAACCAAGGAAAAAAGGAAGGGGAAGGAAAAAAGGCCAGGAAAG GAAGGGAGGAGGAAGAGGGAGGAGAGGAGGGAGAGAGAACCCAACGAAA GGGAAGGGAAAGGAGGAAGGGAAGGAGAGGGGGGGGAGACGAAAGGCCA G GAGGAGAGAGGGAAGAAAACAAGGGGGAAGCCAAAAAAAGCCGGAAAAA AAGGAGACCAGTAAAAGAAAAAAAACAGGAGAAGGGAAAACAGGAGAAAC AAACCAAACATAGAGAAGGAAGGAACCAAGGAAGGAAGGAAAAAAGGCCG GGGCCAAGGGGCCAAAAAAAAGGGGCCAAAAGGAAAAAAAAAAGGAAGGA AAAAAGGGGGGCCGGGGGGAAGGCCAAAAAAAAGGAAAAGGGGAAAAAAG GAAAAGGAAAAGGAAAAGGAACCGGGGAAAAGGAAAAGGAAGGAAGGAAA AAAGGGGGGCCGGCCAAAAGGAAGGAAGGGGAAAAGGAAGGAAAAGGAAG G G G G G G G G G G G A A CCGGAAGGGGGGAAAAAACCAAGGGGGGAAAAGGGG

GGGGAAGGGGGGAAAACCGGCCAAGGGGGGTTGGGGAAAAAAAAGGAAG GAAGGGGGGAAGGGGGGAAAAGGAAGGAAAAGGGGGGGGGGAACCGGAA AAGGAAAAGGAAAACCGGCCAAAAAAAAAAAAAAAAAAAAAAGGAAAAGG GGGGGGGGGGGGGGAACCAACCAAGGAAGGGGAAAAAAAAGGGGGGGGA ACCGGAAGGGGAAGGCCAAAAAAGGAACCAACCGGAAGGGGTTAAAAAAA AAAGGGGAAGGCCAAAAAAAAAAGGAAAAGGAACCGGGGCCAAGGAAGGA AGGAAAAAAGGGGAAAAAAGGGGGGAAAACCGGAAAAGGGGGGGGAAGG AACCAAACGGGGGGGGCCAAAAGGAAAAGGAAAAAAAAAAGGGGGGAACC AAAAAACCCCAAAAAAGGGGAAGGAAAAGGGGAAGGGGGGGGGGGGAAAA AAAAGGGGGGGGAAGGCCAAAAAAAAAAGGCCAAAACCGGGGGGAAGGGG AACCGGAAGGAAAAAAAACCAAGGGGGGAAAAAAAAAAAAAAGGAAAAGG AAAAGGGAGAGGAAGGAACCAAAAGGAGGAAGGGAGGGAAAGGGGAAGAA AGAAAAGGGGGAGGCCAGAAAAAAAGGGGGGAGGGGGGAAGGACAAAGA ACCCAAAAAAAGGAGAGAAGGGAGGGAGGACGAGGAGGGGAAAACCCAAG GAGAAGGGGACCCAGAAAAAAGGAAAAGGAGAAAAAAGGGGAAGGAACCG GAAGGCCAAAACCCCCCAAGGAAAAGGAAGGAAGAAAGAGGGGAAGGGGA GCCAAAAGGAAAAGGAACCCCAAGGAACCGGAAGGGGGGAACCAAAAAAG GAAAAAAGGGGAAAAAAAAAAAAGGTTAAGGGGGGAAGGAACCGGGGGGC CGGAAGGCCGGGGGGAAGGAAAAGGGGGGGGAAGGGGGGGGAAGGAAGG CCAAGGGGGGAAGGAAAAAAGGGGAAAAGGGGAAAAAAGGAAAAGGAAGG AAGGGGAAAAAAAAGGAAAAAAGGGGAAGGAAAAAACCGGAAGGGGAAGG GGAAAACCGGGGGGAAGGAAAAGGCCAAAAAAGGGGAAAAGGAAGGCCGG AA G GAAAACCGGAAGGAAGGGGGGGCAAGCAAAGAAGAGGGGAAAAGAGG GACCGAAGGGGGGGCCGAGGAAACAAACCAGAGACAACGGAAAGGGAGCC CCGGCAAAAAGGACAAAGAAAGGAAAGGAGGAGGGAAAGGGGAAAAAAGG AAGGAAGGAGGGACAAAGGGAAGGAAAAAAGGAAAAGGGGGGAAAAAACA GAAGGAAAAGGAAGAGAAAGCAGGACAGGGCAAAGAAAGGAAGAAAGGAA GAACGGGAGAAGGGCCAAAGGGGGAGGGAAAAGAGAAAAGAGGGAATTAG AACCCGAAAAAAGGGGGAAAGGAGGGGGGGAAGGAAACAGGGGGAAAGAA GGGAAAGGAGGAAAAGAGGGAACAGGGCGGAGGAAGGAGAAAAGGGGGC CAAAAGGGGAAACGAAAGGGAGGCCAAAAAAGGAAAAGGAGGAGGGGAGG AAGAGAAGAGGCCAAGAGGGGGGAGGAAAGGGGCCAAAAAAAAGGTTGGA GGACCAAGGAGAAAGAAAAAGGAGGGAGGAACCAGAAGAAGGGCCAGGGA GAAAAAAGGAAAAGAGGAAGGGGGGTTAGATGAGGGGAGGAGGGAAGAG GGGGGGGAGGGGAAAAAAGGAAAGGACCGGGGGACCGGGGAAAGAGGGG GGGGGAAGGAAAAAAAAGGAAAAAAGGAAGGGGAAAGAGGGAAAAAACCA AGGATAAAAAACCGGGAGGGGAACAAAAACCGGGGGACCAAGGAGAGAGA AGGAGCCCACCCCAAGAGGGGGGCCCCACAAGGCGCACAAACCAAGGGGA ACCGGAGGAGAAGGGCCACGGGACAGAAGGAAACCCCGGAAAAGGAACCA GAGAAGAAAGGAGAGAAAAACGGGGAACCAAAAAAAGAGGAACAGCCTTG GACGAAAGGGGGAAGAGAAGGGGACGAGGGGAGAAAAAGAAAAAGAGGA GGGAGAAAAAGGGGAAGGAAAAGGGGCCCCAAAAAAAAAAAAAAAAAACC GGGGGGGGGGGGAAAAAAGGGGGGGGGGAAAAGGAAAAGGAAAAAAAAA GGGAAGGACAAGGGGAAGGGAAAGGCCCCAAAGACAGGACAGGCCGGGAC AAAGGAAAGCCGAAGAAGACAAGAGGAGGCCAAAAGGGGCCAAACAACAA AAAGAGAAAACAGGAAACCAAGGCCAGAGAAAGTTAAGGAGGGGGAAGGA AAAAAAGGAAACCGAGGAAAACCCCCCGGGGGGGGGGGGCCAAAACCAAG GAAAAGGGGGGAAAAGGGGATGGGGGGAAAAAAGAAAACAAAACCGGAAG GAAAGGGGGAGAGAAAGGACAACGAGGAAGAACGAGGAAGGGGAACCCCA GAAAAAAGAGACCAAAAAAAAGCAGAAGAGGGGAAGGGGGACACCGGAGA GGGGGGGACTAAAGGGGGGGGGGCCAAGGAGAGAAGAAGAGAGGAGGAG GGGGCCGGCAGGGGGGGGGGAAGGGGAAGGGGGGGAAAAGAAGGCCCCG GAAGGAGAAGGAGGGCAGGCGAAGACCAGAAAGGGGAGGGACCAAGAAAA GAAAGGAGGGAGAAAAGGGAAGGCCGAAAAGAAAATACCGGAAAAGGCCT TAGGAAGCCGGGGTTAAAACAGGGAGGGGAAAAAAAAAAAGAAAAACAAA ACCGGGGAAAACCGAAAAGGGGGAAAGGGAAAGGGAAAAAGGGGAGAGG GGGGGGAAAAAAAGTTAGGGAGGAAGCGGGAGGAGAGGAAGGAAGCGAG AAGAACCGAGGAAAGGCCCAACCGGAAAAAAAAGGCAGAAAGGATCCAAC CCCAAAGCGAGCCCCGGGAAGAACCAGCACAGGAAGGGAAGGAAGGAAGG GGGCCAGAGAGGGGGGGGGGGAAGAAGAACCAACAGGGAGGGAGGGGGA AAACGAAAAGGGGGGAGAGGCCGAGGCCTTGGGAAACCGGAAAGGGAAAA

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AA G GCCGGAAGGAAGGCCAACCGGGGGGGGCGAGGAAAACGGAGGGAAA CAAAACCAAGGAAAAAGAAGGAACCGAGAGGAAGAGGAGAAGGAGGAACG AGGACGAAGAAGGAAGAGGAAAGGGAGAGGAGGAAAAAAGGACGAGAAGG AAAGAGAAGAACCGGGAGGGAGGGAGGCAAAAGACCCAGAAAAGGAAAAG G GACACAAAACGGGGCCAGGAAGAGAAGGAAGGAGGAGGGGAGCAACAAG G G G G G AAAAGGGGGAAGCCAGGGAAGACCGGAGCCGAAGACAACCAAAGG G G G G G A G CAGAGGGGAAAAAAGGAAAAAAAAGGGGAAGGAAGGAAGGAAA AAA $\operatorname{G} G \mathrm{G}$ GAACCAAGGGGGGAAGGGGGGGGAAGGGGGGAAAAAAGGAAAA AA G G G G A A A A A A G G A A G G A A A A G GGGAGAAAAGGGGAAGGGAGGAGGGA GAGAGGGGGAAGAGATAAGACGGAGAAAAAAAGAAGAAGGGGAGAAGGGC CGGGGGAGAACGGGGAGAAGGCCGAAAGGAAGGAAAGAAAGGGGAAGGA AAAAAAGGGGAAAAAGGGAAGGAACCGGAGCAGAGGAAAAAGGGAGAAGG AA G G G G G GACAAAAGGAGAGACGAGACCAGAAGGAAGGAAAAGGGGCCAA AAAAAGGAGAGGAGAAACAAGGGGGGGGGGGGAAGGCAAAAGCCGAGGA GGGAGAAGAGAGGGAAAGGGGGGGAAAAAAGGGCCGGACAAAGGGAAAG AAGGAAAACCGAGGGAGGGGGCGACAGGAAAAGGAGTTGGAGCCGACACC G GAGCACAAGGGAAGGAGAAAAGGGGACAGAGGGGGGGGACCGAAAAAG GCAGAAGAGAAAGAGAAAGGGGGGGGGGAATAGAAGAGAAAGAAAAGGG G G G G GAA $\operatorname{l}$ GAAGCCGGGGAGAGAGGGAAGGGGGAAAAAAAAAAAGGTTC CAAAGGGAAAAGGCCGGGGAAGGAGGAAGGGAAAAAAGAGAGAAGGAAAG GAAGGGCAAAGGACAGGGGGGTTAAAACAAAAGAAGGGGGGGGGGAAAG AGGGGAAAAAAACCGGGGCCGGAGAAAAACAAAAGAGAAAGGAAAAGGAA CCGGCCAGAACAGGAAGGGGGAGAGAAAGGGGGAGGAGAGGAAAGAGGG GAGGGGGGGGGAACGGGAAGGCAAAATAAAAAAGGGACCGCAGGAGACAA AAAGGGGGGGGAGGGAACCAAAAGAGCCAGGGAGAAGGGCAAGAAGAAG GACCGGAAGGAAGGGGAGGGGGAGAAAAAGAGGGAGAAAAAAGGAAAAAA CCAAAAGAGGGAGGCCAAAGCAACAATTGGGGGGAAAAAAGAGGCCGGGG ACGAGAAAGAAGAGAAAAAAGAGGAGAGAGAAAGAGAGAGGAAAAACCGG AGAAAAGACCGGAAAAGGAGAGAAGAGAAAAAGGGGAGAAGGGGCACCAC GAGGAGAGGACAGGAGGGGACAGGGGGGAAGGAAAGCCAGGAGAGGCAG GAGGGAGAAAATTAGGGGGAGGGTTGGCCAAAAGAGAGACAGGAGGGGAA AGAAAGAGACCGACAAGAAAAGGAGAGAAGGAAGGAAGGGGAAAAGGGGC CAAAGGAAAGGGGAGGGAGAGGGAAGGGGGGAAAGGAGACCAGGGAAGG G G G GAA G G GAGGGGAAAGGAAGACGAGAGAGAGAAGCCAAGAAAAGGGA ACAAAGGGCCAGGAAGCACAAGGCCGGGGGGGCAAGGGAGGACGGCCAAA A G GAGAAGAAGGGGGGGCCAGGGGAAAAAGAGGGGAGCCAGGGGGCCAG AA $\operatorname{A}$ GAAAGAGGAGGGAGGAAGGGGGGAAGAGGAACAGGGGAAGGGGGGA GAGAAAGAGAGGAAGAAGGAAAGAAAAAAACGAAAGGGGGGAAGGGAAGG AA GAAGGACCAGACCGGAAAGGGACGAGGAAGAAAAAAAAAGGAGAAGGA AAACCAGAGAAGGAAAAAAGGAAAAGGAACAAGAAGGAAACAAAAAAAGG GAA GAGGAAACGAGGAAGGGGAGGAAACCGGGGGGAAAAGGGGAGGGAA GGAAGGGGAAACGAGAAGAAAAAAAAAGGGAAGGAGGGAAGAAGAAGGGG GAAAGAGGGGGGAAAGGGAGAAGACCTAAACCAAAAAAGGAAGGCCAAAG GGAGAGGGAGGGCAGGGGAGAAGGGGGGCCGAAAAAGGAAAACCGAAGG GAGGGAGCCGGGGAGAGAAAGGGGGGGGAAAGGGGCCAAGACAAAAGGG AAGGAGCCAGAGGGCCAGGAAGCAAAAGGGAAGAAAAAAAAAGGAGGAAG GAAAGGCCGGGGAAGGGGAAAAGGCCAAAACCCCAAAAGGGGGGAAGGTA GGGGAAAAAGAAGAAAGGGAAGAAAAAACCACGGAAGGAAGGAAGGACCA GAAAGAGGAGAAGAAAACCCCAGGGGGGACAGAAAAAGGGGGAAAAAAGA GG G GAGAGAGAGGAGGAACCGGAAAGGAACGGGGAGAGGGAGGAGGAGG GGGAGCAAGAAGAGAGGGGGAGGCCGGGGAAAAGAGGAGGAGAGGAGGG G G G A G G A G A A A G G GAGGGGAGAGAGGAGGAAGGAGAGGAAGGGGCATTA GGGAAAACCCCGGAAAACAACGAAAGGGGAAGGAAAAAAAGAAGGAAGGG G GACAGAAAGGGGATATGGGGGGAAGCAAGGAAAGCCGAAAGAACAGACA G GAGGGACCGAGGAAGGGGAAGAAAAACAAGAACCGGGAGAGGGACCAAC CGAAAGGGAGAAGACAGGAAGCAAGAACCAAACAAAGAAAAGGGGGGAAA AGGTTGGAACCAAGGAAAAGAAGCACCGGGGGAAGAAAACCGAGGAAAGA A G G G G G G G G G G G A CAGGACGAGAAAAAGGGGGGAAGAGAAAAAGAAAAA CCGGGGACAAAAAGGAGAGAACGGAAGGGGAGCCAAGGAGAAAAAAAGGG CCAAGGAGCAAACACCGGCAGGGGGGAAAAAAAAGAAACCGGCAGAGAAG GGGGGGCCGGAGTTAAGGGAGGAGCCGGAAAGGGAGCATTGAACGGGAG

G G G G G G G A A GAGAGGAAGGAACCGAAGCCGAGGACGAAGAAGAGGCCGA G G G G GAGGAACCGAAGGGAAGGGAAAAGGAGGAAAAGGAAGGGGAAAAG ACCGGGAAAAGGGCCAGAGAAAGAGGACCGAGAGGAAAAAAACACGGAAG GGAAAAACCAGAAGAGACCCCGAGAAAGGAAAAAAAAGAAAAAGAGAGAG AAAGGGGGGAGGGAAAAGGGGTACCGGAAAGCATAAAGGAAAACCAAGGA G GAGGAAGGAAAACAAGAAGGAAAGAGAAGGAACCGGGAAACCGAGGGGG GAAAAGGGGGAGAGGCAAGGGAAAGAAAGAGAAGGGGGCGAGGAAAAAA GAGGGAAGAACCGGGGGGGGAAGAGAAGAAGGAAAAAGAAGGGGCAGGG G G AAA G G G GAAAAAGAGGGAACCGACCAGGGACGGCAGCGACCGGGGAAG AGGCGGGACGAAGAGAAAAAGGGGGCCACGACAAGGAGACCGGGAAAGAA G G G G G A GACAAAGAAGGAAGGCAGAAGAAAAAGAGACACAAAAGGGGAGA GGACCAACAGAAAGAGAAAGGAAAAAAAAAAAGCCAGAGGGAGGAAGAAC ACAAAGGAGAGGAACGGCCAAGGAAGGGGGGGGAAGCACGCAGAAGCAGG GAGAGGAAGAGACCACAGGCCAAGGAAAAAAGGGGGAAAGGAAGGAAAAG GCCAAAACCAAAACCTTGGGGAAAAAACCGGAAAAGGGGGGAAGGAACCA AGGGGGGCCAAAACCAAGGCCGGGGGGAAAAGGAACCAAGGAAGGGGAAG G G G A A G G CCGGAA G G G G G GAA G G G G G G G G G G CCGGGGGGCCAAAA G G G G G G G GAAAAAAAAAAAATTAAGGGGAAGGCCAATTAAAAAAAACCAAAAAAA AAAAACCAACCAAAAGGGGGGAAGGAAAAGGAACCGGGGGGAATTGGAAA AGGCCCCCCAAAAAAAATTAAAAGGAATTAAAAAACCAAAAAAAAGGGGAA G G G G G ACAAGAGAGCAGGAGAAAAGGGGGGGAGGAGCCGGGAAGGGAGG AGAAAAGCCGGAAAAAGAGAAGGGGAGACGGAACCAGAAAAAACCAAGGG GAAGAAGAAAAGAGACAAATAAAAAGAGGAAAAAAAACCAAAGAGAAAGA ACAAAAAAACACACCCAGGCCGGAAGGAATTAAAAGGGAAAAAGGAGAAG AA $\operatorname{GAAAAGGCCCCGGGGGGAGGGACGAAAGGGGGGACGGAAGGAAAAAA}$ GCGGGGAGCCCCAAGGGACCGGAGGGAACCCGAGGCAAGGAGAGGAAAG G G G G G A G G GAGAAGGGGGAAAAAAACCAAACAGGGAAGAAGGATTGAAAA AAAAGGGACAGGGAGCCAAGGGGGGGGAAAAAAAAAAAAGGAAAAGGGGA AGGAAAAGGAAGGAAAAGGAAGGAAAAGGAAAAAAAAAAGGGGCCAAAAG GAAGAAGGGAAGGAAAAGGCCAAGGAAGGAAGGGGAAAAAAAGGAAGAGG ACCAAAGAGGAGGAAGGGAAGGGGAAAAAGAGAGGGGAACACCGGGGGG CCAGAGGGAGAAGAAAAGGGAAGGGGAAGGAAGGGGCAACAAACAGGGAA AGAAAGGAAGCCAAGGAAGGGACCAAAATTAAGGGGGAAAGAGAAGCCGG G GAAAAGAGAAAGGAACCGGGGCCGGGGGGAAAGAAAAAGGAACAGGGAA AAAAGGAAAAAAAAAAAAGGAAGGGGAAAAAAGGAAACGGTACCGGGGCC GGAGCCGAAAGGGGCCAAGGCCAGGAGGAAACAAGGAAACAGAAGGAGAG GGGAGATTCCGAGGAAAACAAAGAAATAAGGGAAAAGAGCGAAGAGAAAA GACCAGGGGGAAAAGGGGGACCAACCGGGGAAGGAGGGGAGAAACCCCAA GGAAA GAAGGAAAGGGGGGGAAGGAAGGAAGGAGGCAAGGAAGGAGGGA GCCGAGGGGAAAGCCAAAACGAAAAACGAGACCAGGGGGGAGACCGAGAG ACCACGGAACCAAGGAAGGGGCCAAAAAAGGAAAAAGAGAGCCGGAACAG GAAGAGGCCGGCCGGAAGGAGAAAAGGAAAAAAGGAAGAGAGGGGAAAAG GAAAGGGAGAAAAGAAAAAAAAAGGAAAAGAAAGAAAAAGACAGAGGGGG GAAAAAGAGAGGAAGCAGAAGAGGGAAGGCCAGAAAGAAGGAGAGACACA GAAAAGGGGAAACGGAAAGCCAAGGAAACAGAGGAAGGGAAGAGGAGGGA GAAAAGGAAGACCAAGGGACCGGGAGGCCCCGGGACCGAAGAAAAAGACA GCCGAGGGAAGGGACGAAAGAGGGAGGACAAGGGGGGAAAAAAAAGGGG GGAAGGCCGGCAAAAAAGAAAAGGAAAGCAAAAAGAAGGGACAAGGGGAC AAAGAAAAGGGACCACCCATCCCCCCAAGGGGAAAACCAAGGAAAGAGAC AAAGGGCCGGGGAAGGAAGGCCAAGGGGAAAAGGCCGGGGAAAGCAAAG GAAGGGGACAACAGAGAAGAAAAGACGGAGATTAAAGGGGGAAGAAAGGA GGAAGGAAAAGAAAAGAAGAGACAAAAGGCACCGGGGCAAAAGAAAAGGG GAAGAGAGAGACAAGGAGAGGAGGGCCGGGGGGGAGGGGACAGAGGAAG CCAAAACCAACCAAAGGGGGCAAAGGGGGAAAAAGGAAGGCCGGGGGGAA AAAGAAGGGAGGAGCAAGGGAGAAAAGGGGGACAGAAGGGAAGAGAACGA GAA $\operatorname{GAC} \operatorname{ACGGGGGAGGGAGAGGGAGAAGGTTAGAAAAAGAAAAGGGAGAA~}$ GAGAACCAGAGGGGACAGGGGGAAGCCAGAGAAGGGGACAGAGAAAAGGC CAAGGAGAGGAAGTAAAGAAGAAAAGAAAAAACAGGGGAGAGAAGGGAAA AGGAAGGGAAGAAAAGGGAACAAGGGGAGAAAAAACCGGAAGGCCAAGGA AAAAAGGGGAAGGGGCCAAAAAAGGAAAAAAAAAAGGGGAAAAAAAAGGG GGGAAA GAGGGGGGGGGGGGGAGGGGGAAAAAAAAGGAACCGAGGGGAA

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GGAAAAAAAAAGGAAAAAAGGCCGGAAGGCAGACCAGAAAGAAAGGGGGG GCCAAAGAAAAGGCCAAGGGAGGAAGAAACCGGAAAAAACAAGAGAGGGA GGGCGAAGGCCCCAAGGAAAAAACCAAGGGGAAAAAAAAAAGGGAGGGAA GGGAAAGGACAGAGGGAGAGGGAGAAGATAGGGGAAAGGGGAAGGGGGA GAAGGAGGAAACGGACAGAGAAGGCAGGGAGAAAAAAGGGAAGGGAAAAC GGCCAAAACCCCACGGCCAAGGCCGAGGGAAGGAGAACAGGAAGGACAAG GGAGGAAGAGGGAAGGAGGACCAGGAAGGGGAAAAGCCAAAAAAGGAAGA A GCAGGAGGGGGAGGAAAAGGGAAGAAGGGGGCCAAGGAAAGGGAGGGG AGAAGAAGGGGAAGGGAAACGAGAGGGGGGGAAGGGGCAGGGAGGGACA GAGGAGGAGGCCGGAGGGAGGGAGACAGGGGGCAGAAACCATAAGGGGA ACCAAGGAAAAGGGGGGAAAGGAAAGGCAGGAAAGCAAGGGGAGAGGAAA AGGAAAAGGAGCCGAAGCAAAAGGGGGCCGGAAGGGAAAGGGGGGAAAAA GGAGGAGAGGAACGGAGGAGAAAGGAAGAGAGGAAGGGGAAAAAAGGAA GGGAGGGAAAGGCCAGAAAGAAGGAAGAGGAAGAGGGGAGGGGACGACG GGGGGAGGAAAGAGGGGCCAAGAAGGGGAGGGAGGGGAAATCCGAGAGG AGGAAAAACCGGAGGGAAAGGGAGAAGGAAGGAAAGAAGGGGAAGGCCGA GGAAAAAAAAAAGAGGCCGGAAGAAGGACAGAAAACGGGGGGAAGGAGCA AA GAAAAGGGAAAGAGAACACCAAGGAAGGGGGGGGAGAGGGGGAAGGG GAAGAAGAGGAAGAGCAGGAAGGAAGGAAGGAAGGAAGGAAAAGGAAGGC CAGCCAAGGAGAAAAAGAAGGGGGAAGGAAGGACCAGGACCAGAAGGAGA GGGGGGGAAAAGAAGCCGAAAGGAAAGAAGAAGAAGGAACCAAGAGGAAA AAACCAGAAGGAAGAGGAAAAGGGGAGCAAGGAGCAGAAAAAAGGAAAAG GGGAGGGGGGAAGAGAAAGAAGAGAGGGGCAGAAGGAGAAAGGGAGGGG GGGGGAAGGACCGCGCACCCCAGGACGAAAGGAAAAAGAGCCAGGGCCAA AGAAAGAGAGAGGGGAATAGAAGGGGGGAGAGGGGGGGAACCAGAAAGG ACCAGGGGACCAGAGAAAACCGGGGGAACAGAAGAAGAACCAAAAAAAAA AAAATAACCAAAAGGAAGGGAGGGGAACAGGAAGGAAGGCGACGAAAGAT TAAGGAGGGGGAAAAAAGAAGGAAGGAGCGAGAGAGAAGAAGGAGAAGAA AGGCCAAGGCCAAGACCGAAGCGGGAAAGGGAAGGGGGAAGGGAAAAAGG AGGGAAAAAAAAGGAAAAATACAGAAAGAGGGGGGGGGGAAGGAAAAGGA GAGGAAGGGCCAACCGGGGAAGGAAAAGAGGAGGGGGAGAAAGGAAGAC GGGGGGGGAAGAGGGGAGGACACCGGGGAGAGGGAGGGAAAGCCAGAGA AGGAAAAGGGGAAAGGGAACCAGAAAGCAAAGGAAAAAAAACCAGGGAGG AAAGGAAAACCAAGAGAGAGGGGCAGACAAAGGAAAAAAGGAGGACCGGG GAAGGGGAAGGAACCGGAAGGGGGGAAGGAAGGAAGAGGGGGGAAAACC CCGGCAAAAAAAAAGGGGGGAAGAGGGGAAGGGGGAAAGGCCGGAAAAG GGGGGAAAAGAGGAGGGGGGGGAAAGAAAAGAAAGGGCCGGGGGAACAA AAAAAGAAGGAAGGAAGGACGGACAAAGGAGGCCAAACAAAAAAGACCGG CCCCGGAAAAAGGGAGCCGAAAAGGAGAGGGAAAAAGGAAACACAGAGGA AAAAAGAAGGGGAAAAAGACAAGGGGAAAAAAGGGGAACAAAGGGGAAGA AAGAGGTTAGAAAGAAAAGGAGAAAGAGGGGAGGAAAGAAAGAGGGGGAA AAAGGAAAGAGAGGAGGGGAGGAAAACCCACCGGACAGCCAAAAGGAGCC ACGGCAGAAAGGAGGGAAAGGGGAAAAAGGCCAAAGGAAACCAGAGAAGG GAAGGGGCAAAGCCGGACGAGGAAGGGGGGGGAAAAGGCAAGAAAAACG GGGGGGAGAAGAACCAGAAGGAAAAAAAAGGAGGAGAAAAAGGAGAAAAT TAGAAAAAGGAGGGAGAAAGGGGAAAAAAGAAGAGGACCAGAAGGGAGAA GAGGGGGGGAAGGGAAGAAGGGAAGAAAGGAAAGGGGAAAAAGAGGAAG CAAAAGAAGACCGAACAGGAGAAGAGGGGGGGCAAGAAGACCGACCGGAC AGACGGAAAGGACCAGAAGGAAAGGGGGAACCAACCCCAGGGAAGGAAGG AGGAGGAAGGGGAAGGAGGGAAGAAAGGAAGGAAGGGGCCAAAAAAAAG GAAAACCGGCCAAGGAAGGAAAAAAGGAACCAACCGGAAGGAAGGGGGGG GCCCCCCCCGGGGGGAAGGGGGGCCAAGGGGAAGGAAGGTTGGGGGGCC AGAGGGAAAGAGAGGAACGAGAGGGAAGGGGGGGCCGGAAACGGAGAAA AA $\operatorname{la} A \mathrm{~A}$ GGGAGAAAAGGAGAGAACCAGGAGAAAGAAAGAGAAAAAGGAGA AAAAGGGCCAAGGGAAAAGAGAAGGGGAAGAGGGAGAAAAAAAAAAGGAAG GCCCCGGGGAAGGAAAAACGGAAAGAGAGAGAGCACCGAAAAGAGTAAGA GGGCCAAAAAACCCAGAGGGGAGAAGAAGGAAAGGGGGAAGGGGGAAAG GAGGAGAAGGGGGGAAGGAAGAGAAAAAAGAGGAAGGGAAAAGGGAGAC CAGAAGGCCGGGGAAAGAAGAAGGGGGGGAGGGAAAAGAAGCACCAGGG GAAGGACCGAGAAGCCCAACGGAAAAAACCAACCGAAGAGAAGGGAGGGG GGGGGAGGAAGGAAAGGGAAGAGGCCGGAAGGAAAAGGAAAAAAAAAACC

GGCCGGAAAAAAAAGGGGAACCAAAAAAAAAAGGCCGGGGGGGGGAAAAG AAACCAAAGAAGGGGGGGGAAAGGAGAAGGGCAGCAACAGAAAAGAGGAC AGCCAAGAGAAAAAGGAGGAGGGGAAGAGGGAGGAAGGCCCAGGGAAGG AA GAAGGAAAAAGAGAGCAGGGGCCGAAAAAGAGAGGGGGGAGCCCAAGG GAAAAAAGAGGGAGGGGGACAGGGGGGGAAAAAAGACGGGGGGGGAAGG AGAAAAAAAAGGACAAAAAACAAGAACCCCAGGGAAGAAAAAAGGAGGAT AGAGACACGGGGGAAAGAAAAAAAAGAGAAGGGAAGAGAAGGGAAAAAGG CCGGAAGGAAAAAGGAAAAAAAGACAGGCCAAGGGGGGGGAAGGAAGGCG AACCCCACCCAGGACAAAAAAGAAAAGAGGGGGGATAGCCGACCGGCCAA AA $\operatorname{G} G \mathrm{G}$ GGGAAGGGGGGAGAAGGGAAAGGAAGGAAAAAGAGAGAAAAAAA GGGAGGGGGAAGAAAGGGGGGGGGGTTAACCGGAAAAAAAAGAAGAAAG AGGGAAGGAAAGCCAGCCAAGGCCAGAGGGGGGGGGAGAAAAGAGGAAAA CATTGGGAAAAAAGAAAGGAGAGGAACCGGAAGGACAGAAAAGGAAGGAA AGGAAAAGACGAAGGGAGAAAAAAAAGGCCAGAGGAAGAGGACCGGAGCC AAAAACAATTGGAAGGGGGGCCCAGGGGACCCAACCAAGGAGCGAGGAAA GGGAAAGGAAGCAAGAAAGATTCCGGAAGGAACAGAAGAGAGAAGGCACA AAGGACAGAGAAAAAAAGGACCCCCCAAAAGACCGGAAAAAAAGAAAAAA G GAACCGGGGGGAAAAAAAGAGAGGGGAGAAGAGGACAAAAACAGGGGAG G G CA $\operatorname{l}$ A G A GAGAGAAGGAGAGGAGAACAAAGGCCAAAAACAAGGGGCACG AGAAAAGGAAGGGGAAAAGGGGAAGGGGAGGGAGGGAAGAAAGGAAGAA GACCAAAAGGGTTGGACAAGGAAAACCCCAGGAAAAGACAGGACAAAGGC CCCGGAAAACCAACCACAGAGAAGGGAAAAAGGAGAGGAGGGGGGGGGGT TAAGGGGAAGGAAGGAGAAGGGGCAAGAAGGGGAAGGGAAAGGGGGGGG G G G G G G AA G GCCGGGGAAAAGGAAGGGGGGAAAAAAGGGGAAGGAAAAA AAAAACCGGCCGGAAAAAACCCCGGGGGGTAGCAGGGGGAAAAGGGGGGA A G G G G G G G A A A A A CAAA $\operatorname{A}$ GAGGGAAGGGGGAGGAAGGAAAAAGCCGGAA GGGGAAAAGGAAGGAGAAACGGCAGGAAAAAGGGAGCCCGGAAAATGAGG AAAGAAGGGGGGAAGGAGAAAGGAGGGGACAGAAGGGGAAGGGGAAAGG AGAGGGGAAAAAAGGGGAGAAGGGGAAGAGGAAGGGAAGCCAAGGGAGA GGGGAACCGGGGAAAAAGGGGAGGCCAGCAACAAAAAGAAAAGACCAAAA GGAAGGGAAGAGAAGGCCGGAAAGACAAGGAGAGGGCCGGGGAAAAAAAA A A G G G G A G G G G G G GAA $\operatorname{A}$ GGGAGGGGGGGAAGGGGGGAGGGGGGAGAACA A G GAAGGAAAAAAGGAAGGAACCGGGGGGAGAACCAAAAGGGGGCGGCAA CAA $A$ AGGCCAAGGGGAAGGAAGAAGGGCCAGAACCAGAGTAAAAACCGGG G GAGGGAAGACAAAAGGCCGGGGAACCAAAAGGAAAAGGAAAAAAAAGGG GGGGAAAAAAAGAAAGGGAAGAAAGCAAAAAAAGGCCGAAGGGGGGGGGC CGACCAAGGGACAGAAAAAAAAAGAAGGACCCGAGAGAAGAGGGGGAAGG G G C G G G G GAGGGGAACCAAGGGGCCAAGAAAAATTAGGCGGGGGGAAAA AAGGACGGAAAAGGAACACACAGAGGGGAGAAGAGAAGAACCGGAGCCAA G G G G G G A A A A A A CACCAAGGAGAGGGGGGGGAGGGGCAGGCCGAAGAGA AGGAAAAAAAAAAGACCAAGAAAAAAGGACAAAAGGGGGAAGGGGGACCA AAAAGGGACGGAGAAGGGACCAGGGAGAGCCGGGGACGGGGAGAGGAAA GAGGGGGGCAAAGGAAGGCCAACCAAGGGGGGAAGGAACCGAAAAAGAAG GAAAGGAAAGAGGGAATTCAGAAAGAAAAGGGGGAGGAAAAAGGAGGAAG GGGAACAGAGAAAGCGAGGAGGAACAACAAGGGGGGAGAGGGAAAAGAAA AAAAGGAGAAAAAGGAAAGAAGCCACAAAAAAACAAGAGAGGAGAGGAGA AAAAGGAGAGCAGAGAAGAGAGGGAGACAACCAGGAGGACGGGAGAGGG GACACGGGGGGAACCAGGGAAGGGGGAAGACGGGGAAGGGGCCGGGAAG GAACAGGGGGCCAAGGGGAAAAAGAAAGAACAGGAAGGGGAAAGAAAGGA GACCGAGGGGGGGGGGAAGAGAGAGAAGAGAAACGAGGGGAGGAGGAGG GAAAAAGGAAGAAAAAAGAGGAAGAGGAAGGAAAGGGGGAGGAAAAGAAG GGGAAGGAGAACCAAAAGGGGGGGGAGCCGGAAAAGAAGGGGGAAAGGA GAGAAGAAAAGGGGAAGAGGGGGGACGGAAGAAGGGGAGAAAAGGGGGA ACCGGGGGGAAAAGGGAAGAAGGGGGAGAAGGAGGAGGGAAAGAAGAGG GGCCGAAGAAGGAAGGGGAAAAAAAGAAAAGGGGAAAAGAGAAAGACCAG AAAGCCGAGGGGAAAAGGAAAAGACAAGGGAAGGCAGGAAAACAAAGGGA GAGGGGGAAAGAGGAACCGGGGAAAAAAGGAGGGAAGGAAAAGGGGGAG GAAGAAGAAGAAAAGGAGGGAGGAACCAGGGCCGGAAGGAAAAAAGGAGG GAAGGAAGGAAAAGGAAAAGGGGAAGGGAGAGAAAGGAAAAGGAAAGAAG GGGAAGGGACCAGAAAAGAAGCCCACAAGACAAGGGGGGCCAAGAAGGAA AGAACAGGAGGCAAGAGGGGAAAACAAAGGAAAAGAAAGAAGGGGAAGAA

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A G G G G G G G G G GAA G G G G GAAGCCCAAAGGAAAAGGGAAGGGAAGGGAGG AGAAGAAAAGAAGGAGAATACCGGATAGAACCGGGGAAGGGAAAAACCGA AAAAAGAAGAAGGCAAAAGGAAGGGGGGGAAACAAAAGGGAAAAAAAGAG A G G GAAGGAAAAAGAGAGAAGGAAAGACGGAAAACCGGGGAAAAGGGGCC G GAAAAAAGGAACCAACCAACCGGGGGGAAGGAAAACCAAGGAAAAGGGG AAGGTTAAAACCTTAAGGAAGGAAAACCCCGGGGAAGGAAGGTTAAAAAA CCGGAAGGAAAAGGCCGGAAAAAACCCCAACCGGGGAAAAAAAGGGAAGA AA $\operatorname{l}$ G G G G G G A G A G A A G A A G GAGAAGGGACAAAGGAGAAGGCCGGGAGGG AGGAAAAGGAGCAAAGGCAAGGACCCCGAAGAGACAGAGCCAAGACCGAC CGGGGAAGGAGAACCAAAGAGGGCCAGGGCAGGGAAGCAGGGGAAAAAAG GAAGAAGAAAGGGGGAGACGACCGGGGGGCCATGGAGCACACGCCGAAAG GAAAAAAAGGAGGAGCCGAAAGGAAGGAACCAGAAGGGGAAGGAAGGGGG GGGGAAAGGAAAAGGGGAGCCCCGAGGCAGAAGGGAAGAGGGGAGGAGA CAAAGGAAGGAAGGAAAAGAGAGAGCCCGAACAAAAAAACGAAGGAAGGA CCGAGGGGAGGGACAGAACAGAAACAGCGACACCAAAGGCAACCAAGGGG AAAGGGGGAAAAGGGGGGCCGACAGGAGGACAGACAGGGAGGACGCCAA GGAAAAAAAGGAAACACGGAAAAGGACGGGGAGGAAAGGACAAAGAAGGC AGGAACCGAAAGGAAAGAAGGAAGGGGAAAAAGAAGAAGGGGGCCACGAC GAAAAGGCCGGAGGAGGAAGGGGGGAAGGCCGGAGGGAAGGAGAGAAAA AA G GAAGGGAGAGGAAGAGGGGGGGGAAGGAACCGACCAGCAAGAAGGG A GAGGGGGGAAAGAAAGGAGGAGAAGGAACAGGAAGGGGGGGGGGAAGG CA $\operatorname{G}$ GTTGGAGCCGGGGAAGAGAGGGGGAGGATAAAGAAAGAAAGGGAGC CAAGGGGAAAAAAGGGAGAAAAAAAAAAAAGAAAGAGGGAAGGAAAAGGG GAAAAAAGGGGCCGGGGACAGAAGGGAGAAAGGGGCCGGGGGGCCAAGG AA G GAAGGAAGGAAAACCAAAAAAAACCAAGGGGGGGGGGAAGGGGGGG GAAGGCCAACCGGGGAAGGGGGGCCAAGGGGCCGGGGAAAAGGGGAAAA CCGGGGAAGGGGAAGGCCGGGGCCAACCGGGGCCAAGGAAGGAAAAGGA AAAAAGGAAAACCCCCCAAGGAAAAAAAAGGGGGGGGAAAACCAAAAAAA CGGAAGGGGGAAGCCAAGGGGGGAAAGGAGGGGAGAGAAGGGAAGGGAA AA G G GAGGAGAAGGGGAGAGAAAGAGCAGGAAAAGGGGAAAGAGGACCA GGGGAAAAAACAAGGCAAGCAGAAGGGGGACAGAGAGGAGGGGGAAAGCA AACAGAAGAAGGGCAGGAGAAGGAAACGGGGAGGGGAGGGGGAGGAAAG CAGAAGGGAGGAAAGGAACCCCGGAGGAGGAGAGCAGGAGGGGGGGGGA GAACCGGAACCAGGGACGGCCAGACGAGACCGGGGGGAAAAGGCCAAGGG GGGGAAAAAGGGAACAGAGAGAAAACCAGGAGGCCGGGAAAGAGGAAAAA ACCAAGGGGGGGAGGCAGGAAGGGGAAAGAAGGGGAAGGAAGGAAGGGG CCAAGACCAGGGGGAAGGAACCAAAAGGAGGGGAAGAGAAGACGAACCGG G GAA $\operatorname{l}$ GGGAGAGAGGGACGGGGAGAAGGGACAAAAAAAGGGGGGGGAGA AGAGGCCAGAAAAAAGCACAGCCGGGGGGGGCCGGGAGAGGGGGGGGAA A GAA $\operatorname{l}$ GGGGGAAGGGGGGGGGGAAGGAAAAGGGGGGGGACAAGAGGTTA AGGAGGGAAAAAGAGAGAGAGGAAGGAGGAGAAAAAAGAAACAGGGGAAG GAAAGGAGGAGGAGGAAGGGAGGAAGGGAGACCAGAAAAGGGACCGGAA GGGCCCGGGGGGACAGACAGGGAGAAAAGGCCGGGAAAGGAACCGGGGA GAAAAAAAAGGCCAGGAGAAGAAAAGAGAAGGAGAAGGGAAAAACGAAAA GGGAAAAAAGAACGAAAAAGGGGGGAAAGAAAGGGAAAAAGGGGGAAAAA AAAACAGGGGAAAAAAGGGGGACATGGAATTCCAAAAGGGGAACCAAGGA AGGCCAGAGGAGAGGGAAAGGTTAGAACGGAGAGGGGAGAACAAAAGGG GAAAGGGGAGAAGGGGAACAACGAAGAAAAGGAGAGAGGGAGAAAAAGAA AAACACAGGGGGGGAGGGGGGGAAAAAAAGAGAGAGAGACGCAGGAAAAG AAGAGAGGGAGGCCAAAGACCCCACCAAGGAAAGAAGGCCCCAGAAAAAA GAAACGGGCAGGGGGGGAAAAACCAAGCCCAAGGGGAAAAAAGGGAGAAG G G G GAA G G GA GAGGGATTAGACGAAAAACAGGAAAAAAGGGGCCGGAAAG CAAAGGGGTAAGACCCAAACAGGAGGGGAGGAAAACCCGGTTATAAAAAA AGAGAAAGGCGGAAGGGGCAAACCGGAAAACCGGGAGACCGAGGAGAAGG GAAAAAACGGAACCAAGAAAAAAACGAGAAAAAGAGAAGGAAGGCAAAAG G GAACCGAAAAAAAAAGGAAAAGGCCGAAAAGAGAAGGGGGGAGAACCGG AAAAAGAAAAAAAACCGAAGAGACCCAAAAGGGGGGCCAAAGAGAAGGGG AGGAGGGGAAGGAGAGGGAAAAAAGGGAGGAAAGAAGGAAGGGGGGAGA G G GCCAGAGAAAGAGAGTAGAAAAACCGGAGGAGGAAAGAAACAAGGGAG G GAAAAGAGGGGGAAGGAAAAAAGGGAAAGGAGGGAACCGGGGGGCACA AGAAGGAAGGGAAAAAGGAGGGGGGGGGAGAAAAGGAGAAACAAAAGGG

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 AACACGAGGCCGGAAGGCCCCGGGAAAAACCAAGGGGGGGGAAGGGGCCA AAA $\operatorname{A}$ GGGGGGGGGCCAAAACCGGCCGGAAAAGGCCGGAAGGCCGGCCGG G GAAA GACAGAAAAGGAAGGAAAAGGCCAAGGGGGGAGGGGGGGAGGGA AGGAAGGGAAAAAAAGAGGAAAAGGGGAAGGGAGAAGTTAAAAAGAGCCG GGGAAAAAAGGGAAGCAGGAGAAAACCAAGAAGGGAAGACAGGGAAACCG GAAAAGGAAGGGGACAGAACAAAAGACGGCCAACAGGGAAGGGGAGAAGG GAGCAAAAAGAGGGGAAAAGAAAAAGGGGACAGGACAGGAAGGAGAACAG AA G G GAAAATTGGAAGGAGGGGAAAAGAAAAAGCAGACAGGAGCCAAGGG A G G G GCAGGGGGAAAAAAAGAGGAGAAAAAGCAAGGGGGGGAAGGAACAA AGACAACAAGGGGCAGGAACCGGAAGGGGAAAAAAAAGGGGACAAGGGGG GAAAAAAAAAAGGAAGAGGGAGGAAAACCGGGAGAGAGGAACCCCGGAGG GAAAGAGAGAAAGGGAAACGAGGGAAGCCGAACAGACAGGGAAAAGGGAC CAAAGGGGGGGTTAACCAAGGCAAAGACCGAAGAGGGGGGAGAGGGGAAA AGGGGAAAGGAGGGAAAAAACAAAAGGAAGGAAGGGGGGGGAAAAAAGGA ACCGGAAAACCGGGGGGCCCCGGAAGGGGCCGGGGAAGGAAGGGGGGGG AAAAAACCGGCCGGGGAAGGGGAAAAAAGGGGAAAAGGGGGGGGGGAAT TAAAAAAGGCCGAGGGGCCGGGGGGCCGGCAAGGAGAGGAACCGGAAAAA AGGAAAAGAGGGGAAAAAACCAAAAAAAAGGAAGGGAGGAGGAAAAAAAG GAACCAAGGCACACAAGGGGGGAAAGAAGAGGAGAAAGGCCGGGGAAAAG GCACAGAAGGACCGGCAGAAAAAAAAAAGAGGGCCAAGGGGAAAGACAAA GGAGAAGACGCAGAAAACCGGGGAACAGGAGAAGCGCCCAGCAGGACCCG GGGAGAGGAAGACAAGGAAGGGGCACCAGAAGGAGGGAGGAAAGGCCGA GGAGCCCAGACCAGGAAAGGAAAAAGCCGGAAGGCCAAGGCCGGGAAAAG AGAAGAGGACGGAAAAACAAGGGGGGAGGGAACCAAGGGAACACGACCGG GAAAAAGGGGGGAAGGGGAAAAGGAAAAAAAAGGGGGGAAAGCCGGAAAA GGGGAAAAGGGGAAAACCAAAAAAAAAACCAAGGAACCGGAAAAAAAAAA AAAAGGAAGGAAAAGCGGGGGGGGAGGGGAATAAGAGGGGAGGGCACAG GAGAAAGGAAGAAAAACAGGGAGGGAGAAAACCAAGGAAAAGAGGAAAGG G G G G G AA G GAAAAAAAGGGGAAAGGAGAGAAAATTGGGGAAAGAAAAGGG GAAGAAAAGCAAGGGCCAAAAAAGGGAAAAGGGGAAAGGAAAAGGGGAAG AAAAAGGAAAGAAGGAAAAAACCACGAAAAGAGGGAAACCCAAGGCCAAG GTTAAAAGGGGGGCCGGGGAAAACCAACCGGAACAGGAAGGAGAAAGGGA AA $\operatorname{GAGACAGGGCCCCGGAAAAAGAAGGACGGAAAGAAAGAAGAAGAAAGA}$ GAGAGCACCAAAAGGGGCCGGGGAAGACAGGAGGGGAGGGAAGGGAGGG GAGAAGCAGGGAGGAACCCCGGAAGGGGAAAAGAGAAAAAGAGGCAAGAC CAAAGGGAGAGGGAGGGGGGCCGGAAAAACGGGGGGGAAACGGGCCGGG G GAA $\operatorname{G}$ GGGACGGGGGGGAAAAGGGGGGAAGGGGGGAAGGGGAAAAAAGG AA $\operatorname{A} G \mathrm{GGGA}$ GGAGAGAAACAAAAGAAAGAGGGGAGCCGGGGAGAGGGGGG GGGGGAGCCGAGAAGGGGGCCAAAGGAGGGGAAAAAAAAAAAAGGGGAA GAACCCAAAAAAAGAGAACCGAACAGAGAAAGAAGAGAGGGGGGAACCAA AAACGAACGGGAGAGGGGGGGGAGGGAAAAGGAAAAAAAAAAGGGGGGA GGGAAGGAATTGAAAGAACAGAGGGAAGGAAGAGGAACCAAGGAAGGAAG G G GAAA GCCGGACGAAGACGAAAGGGGGGAAGAGGGGGGCAGAGAAAGG GAGAAGGGCCAAGGAGGGAAGGAGGAGGGGACGGGGAAGAGAAAGGGAG GGGAAACAAGGGGGACAGGGGGGAAGAAAAG
$28116000-9$ GAGGGGACAGAGGGGGAAGGGGGAAAGAAGAGCAAAAGAACC CCCCAAGGGGGGCCGGGAAGGAGGCCGAAAGGAACCAAAAGGGGAAGAGG GACCGGGGGAAGACGGAGCCGGAGGAGGCCAAGGGAGGAGGAGAAGGGG G G GCCGGAGCAAGGGGGAACCGAGGGAGGAAGGACAAAACCGGGGAAAAA AAAGGGGGACACCAAACGGACCAGGGAAAGGAGAAAAGGGGGGCCGGCCG G G A G G A G A A G G G G G G G G G G G G G G GAAAGGGGGCGAATAGGAAGGAGGAA AAAAGACCAGGAAAAAAGAACCAGGGGGCAGGCCAGAAGAAAGAAAAAAG GAAAAGGGGGAAGGAAAGCCAGGGGGAAAGCAGAGGAAACGAGAAAAAGG GGGGAGAGCCGAGCAGAAAAGGGAGGAACCAGAACCCCGGAGAAGGAGAA AGCCAAAGTTGAAGAAAAGGGAAGAACCGAGGAAAAAAAAATCCGGGGCC

GGGGAAGAAACAAGGAAGAAAACAAAAAAAAAAGGGAAAACCGGAAGAAG AAAGAAGGAAAAGGCAGAGGGGCCGGAGGGAAAACCAGAAGAGAACGAAC AGACGGCAGGAAAAAAGGAAAAAAGGGGGGGGGGAAGAGAAAAACCAAAA G G G G G G G GCCGGAAGGAAAAAAAGGGAGGACAAGAAGAGGAGAGGACCA AA GCAGAGAAGGAAAGAGAAGAGGGCACCGCGGAGGGAGAGGAGGGGAG AAAGAAGAAAAAGAAACAGGAAGGGGCCAAGGAAAAGGCCGGTTGGGGAA AGGGAAAAACAAAAAAAAGAGGAGGAAATAAGCCAAAAGGAGGGGCGAAA GGGAAACCCCGAGGAAAGGACCAGAGAAGGAGCCAGACAAAGCCGGAACC AAGGAAAAAGAAAAAGAGAACAGAAACAAGAAAGGAAAGGGGCGAAAAGG GGAAGGAAGAAGAGAAAACCAAGGAAAAGAGGGGCCAAAAGGAAACGGGA TAACAGGAGGAAGCGAGAGAGGGGAAGGGGGGAAGGGGAAGGAAGGAAA AGGCCGGGGAAGGTTAAAAGGGGGGAAAACCAAAAAAAACCAAGGGGAAG GAAAAGGAACCGGAAAAGGGGCCGGAAAACCAAGGAAGGGGAAGGGGAAC CAAAAAAAACCGGCCAAGGAAGGAAGGGGAAGGGGGGGGAAGGGGAACCG GAACCCCGGGGAAAAGGAAGGCCAACCGGCCCCAACAAAGAAGAAAGGAC CAAAAACAGGGAGAGCCGAAAAGAAGAACGGAGGGGGGGGAAAAGGAGGA GGGAGCAAGAGGAAAAGCCGAGAAAAGGAAAGGAGAAAAGGACGAAGAGC AGAAACCGGAAGGGGAAAAACAGAGGGCCAAAGGAAAGAAAGGGGGAGGG GAAGGGGCAAGAGAGCCATGGAAAAAAGAGACAAAAGGGAAAACAGAGAG G G G AA G GAAAAGGTAGGGGAGAAAAGAAAGAGGCCGAAGAGAGCAGAAAC CAGAAAAGAACAGGGGGAACGGGACAGACAAAGGGCCAGAGCAAGAAGGC CAGACGAAAGAACCCAGCAGAGAAGAGAAAGAACAGGAAAGAGGGAACAA GAGGGGGTTAAGGGGGGGAGAGGGGGGAAAAAGGAAACCAAGGAATAAA A G GAA $A$ A $\operatorname{G} G \mathrm{G}$ GGAAGGGGAGGGCAAGGGGAGGGGAGAGGGAGAAGGAAA AAAGGAAAAAAAGGACCGGCCAGGAGAAGGGGAGGGGAGGGGGGAACAAA
 G G G G G AAA G G GAAAGCCCCAAAAAGAACCAAGGGGAGGGCCAAAGGGAGG GGGAAAACCGGAAGGAGGAGAAAGAAACCAAAGAGCCCCAAAAAAGGAAA AAAAACAGGAAGGCCGGGGAACCAAAAGAGGCCGGGAGAGGAAGGGGGGA GGAAAGGAGAACACCGGAGAAGAGACCAAGGAGAGGGCCGGGAGAGGAGA AAAAAGGACGACCGGAAAAAAAAAAAAAAAAAAGGAAAAAAAAAAGGGGG GCCAAAAAAAAAAAAGGAAAAGGAAGGAACCAAGGGGGGAGAAGGGAAGC CCCAGGAAGGAGAGGAACCAGGAAAAAACGGAGGGAAAAACGGGGGGAGA GCAGGACGAGGAAGGGGAAAAAAGAAAAAGGAAAACCGGGAAGAGGGAAC CAAAAAACCAAGGGGCCAAAAGAAGCCAAGGGGAAGGGAGGGGCCGGCCG AAAAAAACACAGAGGAACCAACAGGAAGGAAGGAAAAGGGAAAACGAAGG GAAGGAAAAGGAACCGGGGAACAAAAACCAAGGAACAGAGACCACGGCCA AA GAGAGAAGGAAAAAAAAAAAGAAAGGGCCGGAAAGGAAAGAGGGAGGG GAAAGGGCCAACCACGGAAGGAGGAAAGGGAGGGGGAAGAAGGGGAAGA AAAAAGAAGGAAGAGCGGAAGGAGAAAAGGCCGGAAGGAACCGGAAAACA GAGGAGGGGAAGGGAGGGCCGGGGCCGGAAGGTAGGGGCAAAAGAAGGG GCCAAGGAAGAGAGCCCGGGGACGAAAGGAGGAAACAGAACAGAGGAACA GAGGGGGGGGGGGGAAAGAGGAAAGGGGGGGTTGGTTAAGGAAAAAAAA CCCCAAAAGGGGAAAAAGAAAAAAAGGGAGGACCGGAAGGCAGAAGGGGG GGAAAGGAGGAAAGAGACAAAGAGAGAGCCGGGGAGCAGGAAAAAGAATT AAAAGGAAAAGGGGGGGGAGAGGGGGGGGGGGAAGGGAGGCCGGCCGAG GAAAAAAGGCCGGCGAAAAGGAACAGGAAAAAAAAAAGGGGCCGGCAGAG AGGGAGAGGAAGGACAAGGAAAAGGGGGGAAGGAAGGGGAAAGAACCGA A G G A G G G G G GCCAAAAGGAAGGGGAAGAGACCAAAAAAAGGAAGCCAGGG AA G G G GAAAAAAAAAAAAAAAAAACCAAAAGGGGGGAAAAGGAAGGAAGG AAAAAAAAGGAAAACCGGGGCCGGAAGGCCCCGGGGCGGAGAAGGAGAGG GAGGTAGGGGCCAAAAAAGAGGGAAAGGAAAAAGGAGGAAGGAGGGCCAG G G G GAAA GCCAACCAAGGGGGGTTGGGGAAGGGGCCGAAAGAAAGGGGG AA $\operatorname{G}$ GGGGGGGGGGGGAAAAGGGAGGAAGGAAGGAAGGCAGAAAAAAGAA G G G GATAGGGAGAGGAGGGAAAAAAGAGAAGAGACCGGGGGGGGAAAAG G G G G G A A G G G G CCGGGGAAGGAAAAGGAACCAACCAAGGGGGGAAGGGG GGAAAAAAGGAGAAGGGGGGGGAAAAAAGGGGCCAGAGCCGGGGGAAAA AGGGGAAGGAAGGAGAAAGAAGGAGAGAGAGAGCGGAAAAAGACCAACCG GAGAAAAAAAGGGAAAAAAAAGAAAGGGGAAAAGGAAAAGGAAAAGAAGA AGGAAGGAAAAAAAGGGAGGAAGGGGAGGGAAAAAAGAAAGAAAAAAGGA GAAAGAGAAAGAGGAGGAAACCAAGAAGGAAGGGGGGAAAGGGAAAAGGA

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AAAGAGGAGATAGGAGAAAAGAAAAGGGGGGAATTAACCAACCCCACGAG AA $A$ AAA $\operatorname{A} G \mathrm{G} G \mathrm{GAA} \operatorname{AACAAAGGAGGGGGAAGGGCACGGAAAAAGAAGGGG}$ AA $\operatorname{l}$ GAAGAGGAAGAGGGGGGAAGGAGAAAAGGGAAAGAAACCGGGAACAG AAAACCGAAAAAAAACGGGGCCAAAGAAAGGACAAAGGGGACGAACGAAG AAAGGAGAGGAAAGAAAACCGGAAAGGGGAGCGGGGAAAAAGAAGAGAAG AA $\operatorname{GAGGGAAGAAGGGAAGAGAAAAAAAAAAAAAGACCCAAGGGGGGGGAA~}$ G G G GAA G G G G G GCCAGAAAAAGGGCGAAAAGGAACCAAGGAGAGGGAAAA AAGGACGAAAGGAAGAGAAAAAAGCAAAAGAAAAAAAAAAAGGGAGGGGG GGAAGGAGAGAAAAGAAGCCAAAGGAGGGAAAAGGAGAGGAAAGGGGGAA GGGGGAGAAAAAGGAAAGGAAGGAGGGCAGGGAGGAGACAAAGGAAGAG AA G GACAAGGGGGAAAAGGAGGGGGGGAGAAAAATGAAGCCAAGGGGGG GGGGAACCAAGAAGCACCGGGGCCAGCCAAGGAAAGGGGGAAGAGAAGAG CCAACAACAGAAGGCGCCGGGAGAGACCCCAAGGGGGGAAAATTGGAAGG AAGGGGAAGGAAGGAAGGGGGGCCAAAAGGGGCAAGGGGGAGAAAGAGG GAGAGGGGAAGGGACGAAGGACAAGCAGGGGGGGAGGAAGGGAAGAGGG G GAGGACCAGCAGGGAAAGGAGGAGGAGGGGGGGGGTTAAGGAAAACCA AAAAAGGGGAAAGGGGAGGGAAGCAAAAAGGAAAAAGAAAGAAAGAAACA TAATTGGCAAGAAAAAAAGAAGAAAAAGGAGGGGGAGAGAAAAAAGGGGG GGGAGAACCAAGAAGCAGGGGCCAGAACCGGGGTTCAGGGGCAAACCCAA ACCGGGGGGAAAAAAGGCAAGGAGACAAGAAAGCAAGAAAAGGCCACAAC CGAAAGGAAGGGAAGAGGAGACAAGAAGGAAAGCACAGGGGAATTGACCG AACGGGACCAGGAAAAGGGGGCAGGAGCAAGGAAGCCAGAGGGGAAAACA G GCAGGGAGAGAAGGGAAAAGAGGGGGAAAGAAAAATGGAGGGAAGGAA AGAGAGAGAAGAGGAAAAAGAAAAAGGGGCCCAAACAAGAGGGGAAAGGG AGAAGGAAAAAAAATAGGAACCGGGAGAGCCCGACCAGGGAAAAAAAAAA GGAAAACCGGGGAAAAAAAACCGGCCGGAAAACCGGGGGGAAAAGGAAAA AA G G G GAAAAGGGGAAGGAAAAGGAAGGGGGGGGCCAAGGAAAAAAGGA AGGCCGGAAGGAAGGGAAGGCGGAAAAAAGGTTAAAAGGGGCCAGAGGGA AGGGGAAAAAAAAAGCCGGGAAGGAAGAAGGCGGGAAAACCGCAAGCGGG GAGAGGGGGAAGGGGGGGGCCAAAAAAGGAAGGGGAAAAAAGAGAAAGA AGCAGGGAAGACAGAGAGCAGGAGGGGGCCGGAAGGGGAAGAGGAACAA GAAAAGGAGGGAGAAAGAGAAGGAAAAAAAAGAGGAGAGGGGGAAGGAAA CAAGGCAGGGGACGACAAGCCGGGAAGAAAAAAACAAGGGGAAAAAAAAG GGGTTAAAAAACAGACAACGAAACCAAAAGGGGGAGACAGGGGAACCGAG G G GAAGGAAAAATCCCCGAAGGGGGAGAAGGAGAGAACCGAAACAACAAA CGGAGAACCAACGGGAGAAGGGGGGGGGACCACAAAAAAGGCAGATTGGG G G G G G G G A AAA G GAAGGAAAAGACAGAAACCGAGAAAGGGGGGGAAACAG G G G G G G A GAGGAAGAAACCAAGGACAAAAAAGGGGCCAGGGCCAAGGCCG AGGAACCAAGGGGAAGGCAAAAAAAAAAAGGAAGAGGGAGGGGCCAAAAC CGGGGGGAAAAGGGGCCGGAAGGAAAAAAATGGAAGAAGGGAAAGGGAAA AAAAAGGAGGACCGAAAGGGAAAGGACGAGGGGGAAAGGGGAGGAAAAAA GAGACTTAAGAAAAAAGGAGAGGGAAAAAGAGAAGAACCCCGAAACCCAA GAGGAGGAGGGGGAGCAGGGGGGAAGAGAAAAGAAGAGAACGGCAAGCG GAGGGGAGGGAACCAAAAGGGGCCGAGGCCAAAACCGGCCCCAAAAAAAG GAAGGGAACCGGATCCGGCCGAAGAGAGAAGAAGGGGAGAAGAGAAGAAA CCGGGGGGGGGAGGAGAAGGGGAGCAGGGAAGAAAAAAAACGGGGAGAA GAAAAGGAAAGGGAAAGCAGGAAGGAGGAAAGGGAAAGAGAGAAGAGGG GACCGAAGAAAAAGAGCAAAAAAAGGAAGGGGAGGGCCCCGGAAGGGGAA ACAAACAAGGGATTGGAAGAAGAGGGGAGAGAGGACAGAGGGAAGGAAAA AAAAGGGGGGAAGGGGGGGGCCAAAAGGAAAAGGAAAAAAAAAAAAAAGG AGAAAAAAAGAGAAGGAGAGGGACAAGGCCAAGGGGCCGAGGAAAAGGGG G GAA G G GAGGCCCCAAGGGGAAAAAACCAAAAGGAAAAGGGGGGGAAGAG G G GAA $\operatorname{A} A \operatorname{GGG} \operatorname{GCA} \mathrm{G}$ GAGGAAGGAAGGGAAGAGGAGGGGCAGGAAAAACA CAGAAGGGAGGAAGGGGAAGGGGGGAAAAGGAAGGAGGGGGGAAGGAAG CGGGAAGGAAAAGAAAGGAAGGAAAAAAAAGGAAAAGGACGGAGAAGAAA ACGGGAAGCAGGAAAGCAAGGGGGAGAGACGGGGGGCCAGAAGGGACAA AGAAGAGAAGAAGGGAAAAAAGAGAAAGAACACCCAGGGGGTTGGAAGGG GCCAGAGGAGGAGGGGGGGACAGAGGGAAGGAGAGAGCAAGCCGGAAGA ACAAGAAGGGGAAAAAAAGGAAGGAAAGCCGGAAAAAGGGGGGGAGAAGG GAGAAAGGCCACAGGACAGGAAGGAAAAGGCCAAGGAGCCGGAAGGGGAG AGGGAAGAAAAGAGAGGAAGACAGGGGGACGGAGGGAAGGCCGGGGGGG

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GAGAAGGCCGGAGGGGGAAGAGGAGCCGCGGGGACAAGGGGAAAGAAGG AA G G GACCCCAACGGAGGGAACAGGGGGGGGGAAAGGGAAGGGAAGGGA AGAAAGGAAGGAACCAACCGGAAAAGGAAGAAGAAAAAACAAAACGGGAG AGAAAGGCGAGAAAAGAAAAAGGAAAAAAGGGAAACCAAGAAGGAACCAA GAGGGAA GAAAGGGGGGGGGGACAAAAAAGGGGAAAGGGGGGGAAGGAG GCGGGGAGGGCCGGACAACAGGAAAAAGGGAAGGAAGGAAAGAGCCGAAG AGGGACGGAAGGACAGGAGAGGAAGGGGCCAGGAGACCGGAGCCGGAAG GAAGGAGGAAAAAAAAGGGGAACAAAAAAAAAACCAAAGCCGGCCAAAAG GAGGAAAGAAAAGCCGGAGAAAAAAAGGGCGGGAACCAAAAAAGAGGAAA AGGAGCCTAAAGAAGGGGAGAGGAACAGAAAGGGGAAGGAAAAAAAAGAC CAAGAGAGGAAGGGAAAGAAACCCCAAGGGGGGGGAACCGGAAAGAAGGG GGAACCCGGGGAGGAAAGAGGGGGGGGAAAAAAGGGGAAGGAACGCCAA G G G G G G G GAAAAAGAGGAAGGAAAGATTGGAGAGAAAAGAAAGGAGAAG GGGAGGAACAAAGCCGAAAAAGAAGACACAGACAAGGAAGAGAGGAGCAA AGGAAAGGGGGGGGAGAAACCGGAAAGGAGGAGAAAAGGAAAAGAAAAGA AAAAAGGACAAGGGGGGGGAACACAGGGGAGAAAAAAAGAGTAAAGGGAA AATAAACAACCGGCCAAGGAGGGTACCGGGAAAGAAAGGGGGACGGGGGA AAGGGAACCTTGAGAGAGGAAGAGGGGTAGGAACAAGGGAAGACCGAAGG A G G G G G G ACGGAAGAAGAGGGCCGGGAGGGAAGGGAAAAAAGGAAAAGG
 G G G G G G A G G G AA G GAAAAAAGGGAGCCAACCGGAAAGCCAAGGGGAAAG G G G GAGAAGAAAAAAAGGGAAAAGGGGGAGGGGGCCAAGGCCGGAAAGG AAAGGAGAAGAAAAAAACCGGAATAAAGGGAAAAAGGGAGGAGAGGGAAA AA $\operatorname{l}$ GGGGGGGGAACAAAAAAGGGACAGGGCCAAGGACAGCCAAGGCCACA GAAAGGAAGAAGGGGAAGGGAGGAAAGACAGGGAGGGGGAAGGGGGGTT AGGGGAGAAGAGCAGACCAAAAGGGGAAAACCGGAGGGGGAAAAAAACAG AA $\operatorname{A}$ GGGGAGGAGAGGGAGAAGGAGCAGAGGGGAAAAAGAAAACCGGGGA AAAAAAAGGGGCCGGGGGAGAGGAAAGACAAGAAAGAAAGGAGAGGGCCG AGGCAGAAAACAAGGAAAAGAGGGGGGAGGGGGAAAAACGCGGGGCAGG AGGAGAGAGGGGGACCAGGAAACGAAAGGAAGGAGGGGCAAAAAAAGGAA AAAGCCAAAGGAAAGGGGGAGGGGGAGAGAAAGGAGAGCAACGAGAAAAA GAAACCAAGGGGAAAAAAAAGGCCCCATGAGGAACCAAGGAAGGCAGAAG GAGAGAAGGGAATAGAGAGGAGAAAAAAAAGAAGAGAGGGAAAAAAAAGA AAAGGAGAGGGATTCCCCAGGGCACACCCCGGCCGGGGGGAACCGGAAAA AA $\operatorname{l}$ GGGAAGGGAGGAGGACCACGGAAAAGGAAGAAGAAGGGGGGAAGGG GAGGGAGGAA GAAGGGGGGAAAAGGAGAGAAGGGGCCAGGGGGGGGGCC GAGGGAAGAAGAAAGGGGAGAGAGGCATCCGGAAGGAAGGCAAACCACGG AGGGAAGGGGCCAACCAAGGAGAGAGGAGGAAGGCAAGAGGAGACAGAGA GAAGGGAACAGGGGGGAAGGTTAACACAGAAAGGAAAAGGCAAAGAGGCC AGAAAGAGCCGGGGGGGAAGCCCAGAAGAAAGAACCGGCCAAAAGGACAA CCGGGGAAAGAGCCGAAGGAGGGGGGGACCGGGGGGGAGGAGCAAAGGA GGAGACAGACCGGAACAGGGGGGGAAACGCAGGAGAGAAGGCCAAGGAAA AAAGGAAGGAGAGGGGGGGAAGGGGGGGGGGAGAATTAAGGAACCGGGA AGACAGAGACAGGAGGAAAGAGAGGAGAAGACGGGAAAGGCCGGAAAGAA AAGACCAAAGAACCAAAAGGAGAGGGAAGGGGGGGGCCGGCAGGAAGGG GGGAAAAAACCGGAAAAAAAACCAAGGGGAGGGCCAAAGAGAGGAGGGGG GAAAAAAAGGGGACGGGGAAGGGAGGGGGAGGGAAAGGAGGAAGGGGAA GGGGAAAGAGGGAACAGGCGGACAAAAGAAAGGAGGGGAACGGGAAATCC AAAAGGAGAAAAGGAGAGAGGAGGAGAGGGGAAAGGAGCCCAGACAGGG GAAAGGAGGCAAGAAGGAGAGGAGGGAAGGGGGAGCCAAGAAAGGAAGG GGAAGAAGAGGGAAAAAAAGCCGAAAAACATTCCGGCCAACAAAAAGGAA CAGGAAGGAAAAAAAAAAGGGGGAGAAAAAAACCGGGGGAGGAAGGAAGG AAAAGGAAGGGGGGGAAAAAGGGGAGGAGGGGGAGGAACAGGGGGGAGG AGAAAAGCCAAAGGGAATAAAGGGAGAGAAGCCAGAGAAGGCAAGGAGAA GAGGGAAAAAAGGGGCGGAGGAGAGGGAAGAGGGAAAAGGGACGGCCAA AAAAAGACGAGCAGGGAGGGAAAGGGAAGGGGAAAAAAAAGGGGAAGAAG A GAGGAGGAGGGGGAGCCAGAGGAGAAGGGAGGGCACCGGGGGGGGAAG GAAAAAAGGCAAACCGGGAAACCAGAGGCGGGGAAGAGGGGGAAGGAGG GGGAAAGGCCCCCCGGGGGGAAAAAAAAGGGGAACCAGGACGAAAGGAGA GGAAAAGGCCAACAGGGGCAAAAAGGGGAAGGGGAAACAGAAAGGGAGGG GGCCGACAGAAGGAAGCCAAAAAAAAGGGGGAAGAGCCGGAGGAAGGGGG

G GAGGGAAAGGGAGGGGGGGGGCCGGGGAAGGGGAGGGGGGGAGGAGAG GAAAAGGAGGAAGGAAAGGTTTAGAAGGGGGGGAAAAAAGGAGGGGGGA GGAAGAACCCAAGGAGAGGGGACCGGGGAGGAGAAGAGAACCGGGGAAG GAAGAAAGGGAGGGGGACCGGAACAGGGAGAGGGAGGAAGGAACCAGAC AGGGGGCAAAAAAAAAGGCCAGGAAGGGGAAAGAGGGGAACCAAAAAGAC AAAAAAGAAAGGAAAACCAAAAAACAGGGGGGGGGAGATAAGGAGGGGGG G GAAAGGGGAAAGGAAGGGGAGGAGGAAAAAAAAAAAAACAGAAAAGGGG GAGAACGGAAGGAAAAAAGGGGGGCCAGGGGGGGGGAAGAGAGGCAAAG AAAAGAAAAACACGGGGGGGGGGGGACAAAGACCCAAGGGGAAGAAGAAC AGGCAGGGAGGGGAAGGGGAAGGAAGAAGAAAACAATGAGGAAAAGGATG AGGGGCCAGAGGGCCAGGAGAAGGGAAGGGGGGGGGAGAGAAGGAAAAG GAAAACGGAGGGAGGAAGAGGGGAGAGGAAAGGAGGAAGGAAGGAAAAC CAAACGGAAACAAAGGGAGAGGGCCAAAAGAAAGAGGGGCCGGGGAGGAG AGAAGAAAAGGAGGGAAGGAGAGGGGGAAGGATACGGGGGGAGGGGGAA AACAAAAAGGGGGGGAGGGGAAAAAGAAAGCCGGACAAAGGAAGGAGGGA AGAGCAAAGGGGATGAAAAAAGGGAGAGGAAAGACCAGAAGGGAAAAAGG G GAGAACAAAGAGGGAAAGGAAAAGGAACCAAGGGGGACCCCGGGGAAAA AAAAGGAGAACCGGGAAAAAGAAAGGAGAGAAAAGGTTGGCCAGAGAAGG G G GA G G A GAAGGAAGGCCACGAATAGGGGGAAGGAGGAAAGAGGAAGGA ACCGGGAGAAGAATTGGACAAGGGAAAGAAAACAAAAAAGGGGGGGGAAA G G G GAAAAAGAGGAAAAAAGGAGAAAGAAAACCGGGGGGAGGGGGAAAAG
 AAGGAGAAGAGAAAGGGGAAGGGGGAAGCCAAAGCGCCAGGGAACCGGGC GAA $\operatorname{A} A \mathrm{~A}$ GGGGAGGAAAGGGGGGCGGGCCGGGGGGGGAAGGGGGAGGGGG AA $\ln A \operatorname{GAGGGGAGAAAAAAGAGGGCAAGGGGAAAGGAAGGAAAAAAAACCG}$ GGAAAAAGAGGAAGGAAAAGGAGGAAAGAGAAAGGGAGACCATACAAGGG GAAGAGAGAGAGAAAGAGAGAGGCCGGAACCAAAAAAAGGGCAAGAAAGC GGAAGGAGACGGGCAGGGGGGGGCAGACCGGAAGGCCAAAAAAGGAAGG GGAAGGAAGAGAAAAACCAAAGAAAAAACAGAAGGGGGAAACGGAGAACC AAAAAAAGAAGAGGGGCCGGAGAAAAGGGACAGGGAGGAAGGAGGGGGA GGGGAGACAGAGGACGGAAGGGGGGGGGAGAACGGAGGAGAGAAGAAGA AAGGAGAGGGAGGGGGAAGGAAGACAATACGGGAGAAAAAGGGGAAAGCA AAAAAGAGGGAGAAGGAAAAAAAACCGGAAAAGGAGGAGGAGCCAAAGGA A GA $\operatorname{la} A \operatorname{AGGGGAAAAACGAAAAAAGGAGGGAAACCGAACGAGGAGGAGAGG}$ CAAGGGAAGGAGAGAGAAGGAAAAGGAGAAGGAAAAAAGGAAGGGGGGAA CCGGAAAAGGAAAAGGGGCCAAAAAAAGAGAGACAGAAAAAAAGAGGAAA AAAACCGGAGCAGAGGGGACCAAAAAGAGAAGAGAAAACCGGCCAAAGGG ACAACCAGAGCAGGAGAGGGGAAGAGCCCCAAGGCCAAGGAAGGAAGGAG GGGGAAGGAGAGAGAAAGGAAAAACCAAGGGAAGAGGGCCAGGGGGGGC CAAGGGAAGAAGGAAGGGGAGGAAAGGAAGGCCAAGGGAAGAAGGAGGA GGGGAACCAAGGAAAAGGGGAAGGGAGGGAAAAGAGAACAGAGAAAAAAA GATTGGAGCACCACGAAGGAGAGAAAAAGGAAAAGGAGGAGAAGGGGGCC AAGAGAAGAAGACCCCGGGGCAGGGGCCGGAACAAGGGGGGGAAAAAGG GAAGAAAAACCGGGACAGGAGGAAAAGGGGAGAGGGGGGGGGGCCAAAG CCGAAAAAAAGAAGGGCCGGAGACGGGACAGAAAAGGGAAAATTAACCAC AAAACCAAAAAGGGAAAAAAATCCCCGAGGAAGGGACCTTGGGGAGAAGG AAAAGAAAAGGACCGAGGAAAAGGAAAAAAAAGAAAGGAAAAGGGGAAGG GGAAGGCCGGGGAAACGAAGAGAAACACAACCGAAGGAAGAAAGAAAGAG AACAAGGGGAGGGACCCCCCCCAGCCGGGAAGGAGACCAAGGGAGGGCGG CAAGAGAGAGAGGAGAGGGAGGAAACGAAAAAGGGGGGCCAGCACACCAA ACAAGGCCGGAAAAAAGGAAAAAAGGGGAGGACCGACAAATAAAAGGAGG AGAAAAGGGGCCAGAAAAGGAAGGGGAACCAGGAAGCCGAGGGGAGTTAG AGGAAGGACCGGGGAGAAAAGGAAAGAGAAGGCGACGAGAAGCAAAAAAA GAGAGAAAGAGAGAAACCCCAAGGGGAAAGGGGGCAGGAGGAAAGAAAAA GGGGCCCAGAAGCCAAGGCCGGGGAACCAAGGGAAAAAGGGGAGAAGGGA AA G G A G G A GAGAGGGGCCAAAAAGAACAAGGGGAAAAGGGAAGAAAGGAA GAAAGAGGAACAGAGAGGAAAAGGCCCAGAGGGGAGACGACAAAGACAAG GAACACAAAAAAAAGGGGGGTAAAGGCCGGAGGGAAACGGAAGGGAAGAA AGAAAAAGGGAGAGAGAAGAGGAAAAGGGAGAAGAGAGATGAGAACGGAA AGGGGGAAAAGGGAAAGGGGAGAAGGAAAAACGGAAGGGGGGAAGGAAA GAGAAATGAAAAAAAGGAAAAGGGGAAGAAGGGAACCAAAAAAGGCCGGA

A G G G G G G G G C CAA $\operatorname{A}$ GACAGGGGGGGAATAGGGGGAGGGGGAGAAAGGGG CAGACCAACAGAGGAAGGGGGGGAGGAAGGAGAAGGAAAAGGGGAAAAAA AAAAAAAAAAAAGACCAAAAGGGAGGGGAAAAGGAAAGGGCCAAGGAAAG AACCGGAAAAGGGGCGAAAAAAAAGGGGAAAAGGAGAGGAAAAGAAGGGG G GAA G G G GAACAAGCCAAAAGAGGGGAAGAAAGGGGAAGGGGAAGGGGG
 ATAAAAAGAGAAAATTGAGGAGCAGGAGAAGGACGGAGGGGGCCGGGGAA AGCCAACCGGAAGAGAAACCGGAAGGAAAGAGGAGAGAACAAAGCGAAAG ACGACCAGCCAGGGAAGGGAAAGGAAACGGAAGGGGAAAAAAGGGGCAGA A G A G A A GAA GAAAAAGGGAGAGAAGGGACCAGGAAAGGAGGGCCAGAAGG AAAGAAGGAAGGAACCGGCAAGGAAGGGAAAAGGACCCAGAAAGGAAACC AAAAACGGAAAAGGGGAAGAAGGGCCAAGGAAAACAGGAAGGAACCAAAA AAAAAAAACCCCGGGGCCGGAAAAAAAAGGGGAACCCAGGGGGGAGGGGG AAGAGGAAAAAGAAAGGGAAACAGAGGGAAGGGGGGAAGGGGGAAAAGAA AAAGGGAAACGAGAGAGGGGGGGGGGAAAGAAGAAAGGGGAAAAAAAACC AAGGCCAAAGGGGGAAAGGAAGCAAGGAAAAAGGAACCAGAAAGAGGACC G G G GCCAAAGGAAACAAGCCGGAAACGAAAGGGGAAGGCCAAGAAAGGCC G G G G G G A A G G G G G G G G G GAAAAAGAAGGGGGACCAAAAGGGAAAGAAGG G G G AAAACAGAGGGAGGGGGGAGGGAAAGGGAAAACCCCAACCGGAAGGT AGGACGAAATAAAGGGGAAAAAAACGGGGAAGAAACGAAGACACCAGCCA AAAGGAAAGGGGGAAGAGGAGAAAACCACGGCCAGAGAAGGAAGGGGAGC C G G G GAGGACCCCCAGGAGAAAACAAAAAGGGACCACAGAAGGGAAAGGA ACCGGGAAAGGAGGGCCGGAAAGAACCGGGGGGGGAAAAAGGGGGAGAG G G G GCAAACATAAGAAGGGGGAAGGGAGAGCAAGGAAGCCCCGGCCGGCC G GAGGGGGAAAGGGGACAAAGGAACCGGAGAAGGAACCGGAAAGAACCCC AA $\operatorname{GGGGGGGACCCAAAAAAAAGGAAGAGAACGGAAAAGGGGGGAAGGGGAA~}$ AAACGGAAAGAGGGGGGGGGAAGGGAAACAGGGGGAGGGAGGGGGAAAA GAGGAGGAGGGGAAAAAGGGGGGGAGGAAGGAAGGGAAAGGGAAAGGGA AAAAAAAGACAGGAGGGAGGAAAAGAAGGGGGGGAGAGAGGGGGGGGGG AAGGGAGAGAGGAGGAAGAAAGAGGGGAAGGAGAGAGAGGAAAGAAAAC GGAAGGAAGGCCGGGGCACCGGGGCCAGGGAAGGGGGGGGAGGGCAAGA ACCGGAAGGGGGGGGCCGGAAAAAAAAGGGGAGAAGAACAGAAAAAAAAG GAGCAAGGGGGAAGAGGCCACACAGCCCAACGAAGAACAAGGAGGATAGG GAAGGGGAAGGAAAAAAGACAGGGAAGTTAAGGAAGGGGGGGGGGGGAA G GAAAGCCAAAAGGGACAGGGGGGGAAACCGAAGAGGGGAGGACAGAGAA GGAAGGACGGAGCCAAAAGGAAAGCAAAAAAACCCCCCCCAAAACACCGG G GAGAAAAAAGAGGGGAAAAAGGGCCAGGGAACCGGAGGGAAGGGGGGA G G G G GCCGAGACCGAAAGGAACCCCAGAAAAAAAAGAGCAAACAAGGAAA A G G A A A G G GAA G G GAAGCCGGCAAAGGGGGAGAAAAAGGGGCCGGAAGG AA G GAGGGAAAGGGCCAAACGGGGGGCAAAGGGACAAGCCGGAAGACCAG
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 A G G G A $\operatorname{la}$ A G G G G GAGGGGGGGAAGAAGGGAAGAGGGAAACAGGGAACGG GGGAACCTAAAGAGGCCGGGGAAGGAAGGGGGAGAGGGGGGACGGGAGG G G G A A G A A G G G G A A G G A G A A G G G G G G G G G A A GAGGGAA G G G G G A G G G G G GAAGGGAACGACCGAAACCAGGGAAGGAAAAGGGAAGAAAAAAAGAAAAG GTTGAGGAGGGGAAAGGAGACCCGGGGGGAAAAGGGGGGAAAGAAGGGG AGAGAGGGGGGGAAAGGACCAAGGGAAAGGAAAAAAGGCCAAAAAGAGAG AAGGCCAAAAGAGGACAAAAAAGGAAAAGGCAAAAAAAAGAAGGGGTTAG GGGGAAAGGAATAAACGGGGAAACGAGAAGGAAGGAGAAGCAGGGGGGA AGGGGAAAGCCCCAAGGAAAACCAAAAGGAAGGACGGAAGACCCAGCAGA ACAGGCATTGAAGCCAAGGACAAAGGGAAAAAAGGAAGGGGGGGGAAGGA A G G G GAAAAAAGGAAAAAACAGGAACCGGAAGGAAGGAAGGGGAAAACCA AGGAAGGGGAGGAGGGGAGAAGGAAGAGAAAGGAACCAAAAGGGGAAGG AAAAGGAAGAGAGAAAGGAGAACAGGGGGGAAAAGAGGAAGGGGAGTTGA AGAGAGGGGAGGAAGGAAGGAGGAGGAAAAGGGGAACAGGAAAAGGCCA GAGCAAAGAAGCCCCGGAAGAAACAAAAGCAAAGGAAAAAAAAGGAGGAG A G A A G A G G GAGAAGGGACCAGAGGGCAAAAGCGGGAGAAGGGGGAGAGG GAAAGGAAGGAAAAAATTAAAGCCACCAAGGGCCGGAGCAGGCCAGGGGA CCAAAAGAAGAGGGACGGAACCAACCAGAAAGGAGAAAAAAACACAAAGG CACCAAACGAGGGAAAAAAGACAAGAGGAGGGGGTTAAGGGGAAGGGGAA G GAA G GAAAACCGGGGCCGGAACCAAAAGGGGAAGGAAAACCAAAAGGGG G GAA G GAAGGAAGGGGAACCCCAAGGGGAAAAAAAAAAAAGGGGGGGGAA GGGGAAAAGGGGGGGGGGGGAAAAGGCCAAGGCCCCAAGGGGAAGGAAG G G G G G G GAA G GCCAAGGGGAAGGAAGGGGAAGGAAAAGGAAAAGGGGGG AAGGAAGGAACCCCGGTTCCGGAAAAAAGGAACCAAAAGGAAAAGGGGAA GGCCAAAAGGAAAACCGGCCGGAACCAAAACCAAGGAAGGGGAAAAGGAA GGGGAAGGAAGGAATTGGCCAAAAAAGGCCAAGGAAAGGGATGGACAGGA AAGAAAAAGGAATTCCGGAAAAGGAAGGAAAGGGCCAAGGGCCCAACCGG GGAACAAAGGGACAAAAGAAGGAGAAAAAACCAGACAGAAAAGAAAAGAA AAGATTAAGGAAAAAGCCGACAAAGGCCAAGGAAGGGGAACCCCGGTTAA AAGGAAGGAAGGGGAAGGAGGAGGAGACGACAAAGGAAAAGGAGGGAAG AAAAAAAAAGAGAGAAAAGGGCCAGGAGGAAGGCCAACAAAAGAGGGGGG GAAGAGGTTCAGGACAAGGAAAAAAGGAACCAGAAAAAAAAAGAGAGGGA AGGCGAAGGCCCCGAGGAAAGACCCAAGGAGCAAAAAAAGAGGAAAGAAA GAGAAGGAAAAGAGGGAAAGGAAAAAGATAGGGGAGAGGGGAAGGGGAA AAGGAAGGAGACGGCCGGAGCAGGCAGGGAGAGAAAAGGGAAGGGAAAAC GGCCAAAACCCCACGGCCAAGGCCGAGGAAGGAAGGCCAGGAGGAAAAAG A G G G GAGGGGGGAAGGAGGACCGGAAAGGGGACAAGCCAAGAAAGGAAA AA $\operatorname{HCA} \operatorname{CAGGGGGGGGAAGAAGGGAAAAAGGGGGCCAAGGGGGGAAAGGG}$ GAAAAGAAGGGGAAGGGAAAGGGGGGGGGGGGAAGGGGAAAGGAAGAAA A G A A G G G GAA $\operatorname{GACCGGGAGAGAGGGACAGGGGGAAGAGAACATAAGGAG~}$ GACCGAGGGAGAGGAGAGAAGGAAGAAGAAGGGGGGCAAAGGGAGGGGA AAAGGGGTTGAGGACAAGGAAGGGGAGGGCCAGAAGGGAAAGGAGAGAA AGGGGAGGGGGGAACCAGGGGAGAAAGGCCAAAAAAAAGGGGAAAAAAGG

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 AACCGAGGAAGGGGAAAAGGAAAGGACCGGAGGGGGGGAAGGCCGGGGC CGGAACCAAAAAGCCGAGGGGAGGGAGAAGGAACCGGAACCAGAGTAAAA GACGGGGGAGGAAGGACAAAAGGCCGGGGAACCCAGAAGAAGAAGAAAGA AAAGGAGGGGGGAAACAGAGAGGGAAGGAAGCACAGAAAGGACGAAGAGA AAGGGACGAACAAGGAACAGAAAAAGAGAAAAGAACCGGGGAGAAGAGGA G G A A GAGCCGGGGAAGGGGGACCCAGGGACCGGAAGGAATTGGGCGGGG GGAAGAAAGGAAGGGGAAGGACAAAAAAAAAGGGGGAAAAGGAGAACCGG AGCCAAAGGGAGAAAATTAACCGAGGAGGGAGAAGGAAGGGGCAAGACGA AGAGGAAGGAAAAAAAAAAACCGAAAAAAAAGAACAGGGGGGGGAAAGAA GACCAAGGAGGGACGGGGAAGGGAACAGAGGGGGACAAAACCAGGAGGG GAAAAGACGGGGGAAAGAGAACGCCAACCAAAGAACGGGAGAGCCAACAG AAAAGAAGAGGAAGGAAGGCCTTCAGAAAGAAAAGGGGGAGGAAAAAGAA GAAAGAGAACCAGGGGAAGGGGGAAGGGACAACAAGGGGGGAGAGGGAA AAGAGAAGGAGGAGAAAAAGGAAAAAAGACCCAAAGGAACAAAAAAAGGG G GAAAA GAACGAGGGGAAAAAAGGGGGGAGAGACGAACGGAAAGACAGGA AAGGAGACCCAAAGAGAAAAGGAAGGAGGGAAGGCCAAAGAAGGGGCCAG AA G G G ACCAGGGGGCCGAGGGGCAAGAGGAGGAACAGGGAAGAGGAGGG A G G GAGAACGAAGAGAGGAAGGAAAAAGAGAGGGGAACCAAGGGGGGAAA GAGGAGAGAAGGAAGAAAAAAGAAAAAAAAGACAACAAGGGGGGGGACAG G G G G G G G GAA G G GAACCGGAAAAAAGGGGGGCCGGAGAAGAAGGGGGAA GGAAAAAAGGAAGAAAGGAAAAGGAGGGCCGGAAAAAGGGAAAAAAGGGG GGGGAAGGAGGAGAAAGGAAGGAAGGGGAAGAAGAAGGGGGAAAAAAAG A G G G GCCAAGGGAAGAAGGGGGAGAAAGGGGAAGGGGAAAAAAGAGAGA CCAGAAGGAAGAAGAGGGGGAAAAGAAACAAGAGCCGGAAAGAAAAAAAA AGGAGAGGAGAAAAGAAGGGCCGGAGAAAAAAGGAGAGGAAGAAAAGGGG GGGGAAGAAGAAGAGAAGAAGAGAGGCACCGGGGACGGAAAGAAGAGAG GGGGGGAAGAAAGGAAAGGAGCAGGAGGAAGAAAAAAAAGGAAAGGACAG G GAGGGGGAGGGACAGGCAGAAAAGACAACAAGACAAGGGGGGCCAAAAA GGAAAAAACGGGGGGCAAGAGGGGAAACCAAAGAACAGGAAAGAAGGGAA G GAGGAAAAGAGGAAAAGGGGGGGGGAAGAGGGAAGGGAACGGCCCAGA
 AAAAACCAAGGGGGGCCAGAAACGGGGACGACCAAAGAGGAAAGGGGGGA AA $\operatorname{A} A A A A G G G A G G C A A A A A G G C A G G G G G G G G A A G G G G G G G A A G A A A A G A$ AAATAAGGAAGGAAGGGGGGAAGGAAGGAAGGGGAAAAGGGGGGAACCG GAACCAA GAAAGGAAGGGGGGGGAAAAGGGGGAGGACGAACGGAACCGG ACGAAGACAGGAAAAGAAGGGGGGGGTTAGAAACGGGGGACCAAAAACGG GACCGGAGGGCAAGGGAAGGGGAAGGGGAAAAAAGGAAGAGGAAGGGGC CGGAAGGGGGACCAAAAAGAAAGGAACGAAACAACAAGGAGCAAAGGAGG AGGAGCCGGAAAGAAAAGGAGGAAGGGGGGAGAAAGGGGGAGGAAGGGG GAGGCAAAGGAGAGGAAGCCAGGACACCAGAAAAAAGGAAGAGGAAAGGG AACAGGAAAAGGAGGGGGGGGGAAGGGGGAAGGGCCGGGGAAAAGAGGG G G G G G A GCCGAGAGGCCAAAACCGGGGGAGGCCGAGGCCCCGGGGGAAG

G G G G G G G G AAAGGAACAGCCGAGAGGGGAAAAGGGGAAGAAACCACCAGA CCGGAGGGGGGGGGGGGGGGGAGGAGGACCCAAAAACAAGGGCACCAGA AGGGGGGAGCCAAAGCAGAGGAAAAAAAAAGGGGGCCAAAAAAAAGGGAG GGGAAAGAAAACAAGGGGGAGAAAAAAAAAAAAGGGGAAACGGAAGGGGA G GAACGGGGCAAGACAAGGAGAAGAGGCAACGAGGGGACAGGAAGGACCG
 AA $\operatorname{A}$ GCACAGGGGGGGGGGAAGGGGAGAGGAAGGGGGGGAGAAACGAGGA AAATAGGGGTAAGGGCAGGGAAAAAAAGGGGAGGGGGAAAGGGAAGGAG AAAAAAAAGGGGGGGGAAAAGGCACAGAAAGACCACAAGAAGGAAAGGAA AAAACCAGGGAAAAGGAAGGGAACAAAAGAAAGAAAGGCCGAGAAAGGGG AAGAAGAACCAACCAAACAAGGGAAAGGGGGGAAGGGAGGCAGGAGGGGG GGAAAAGAACAACACAACAAGGAGGGAAAAGGAACCGGAGAGAGAAAAAG AAAAGGGAGGAAAAAAGAGGGAAAAAGAGGGGCCGGAGCCGGGAAGGGG GGGAAAGCCGGGGGGGGGGGAAAAAGAAAAGCAGAAAGAAGAAAACCAAA AGAACAAGAGAGAAGGGAAGGAAAGAAGAAAAAAGCAGGGAAAAAAAGGA AGGAAGACAGGCCAGAGGGATGGCAAAGGGGGAGAAGAAAGGGGGCGGG G GAAAAAGCCGGGGAAGGAAAAAAAGGGGGGGAAGAGAAGGAAACCAGGG AACCCCAAAGCACCAGGACAAAGGGAAGGAAGGGGGAGAGGGAGAGAGGG G G G GAAA GAACAGGGGAGAGGGAGAAGGGGAATTCAAGAGAAGACAAACC AAGGAAAAAAGGAAACAAAAAAGAAGGAAAGAAGAGGGGAAAGAAAGAAA GGCCAAAGACGAGGACCAAAAAGGGAGGAGGGAAAAAAAAGGGGGGAACC AAAAGGCCAAAAAAGGAAAAGAGGGAGAGGGAAGAAAGAAGGGAGGAAAA GAATAGAAGGAAAAGGAAAAGGAAAAAAGGGGAACCAAAAAACCGGGGAA G G G G G G A A A A G GAA G GCCGGGGGGAAGGAAGGGGGGGGGGGGGAAGACG G G G G G G G A A A GAGAGCCGGAGAGAGAAAAAAGGGGGGAAAAGAAGCCGG AAAACAAGACGGGGGGAGGAAAAAGGGGGGGGGGGGGGAAAAAACCGGG AAAAGACGGAGCATAGGGGCAAGGGGGAAGGGGCCGAGAAGGGGGGGGA GGAAGAACAAAGGAAGGAGAAGGAAAGGAAAAAAGGGAAAACCGAAAGAA AAGGACCCGGGGAAGGGGCCAGGAAGGGAAAGGGGAAAAAGGACAGAAAC GGAGGAAAAAAAGGGGGGGGGGACGGGGAGAGCCCCGGAGGGAAAAAAC CGGCGAAAAAAAAGGGGAACAAGCAAACCGGAAGGGGGAAAAGGGAGGGA CGGACAGGGGGAGGGAAAGGGGGGAGAGAGGGGGAAGACGGCCGACAGG AAAAGGAACCAAGGCCAAGAGGGAGGGGGGGGGGGACCAAAACCGGAAAG A GCCCAAAACAACCCCAAAGAAAGGACAGGGGGGACGAGGGGCCGGGAAA G G ACGGCCCCCCGGAAGGGGGGAAAAGAAACAGAAAAAGAAACAGGGGCC AAGGCCCAGGAAAAAAGGAAGGAAAAGGAAACAAAAGAGAGGGAAAGGAA GGAAGGGGGGAAAAAAGAGAGAAGCAGGGAGAAGAAGAGGAGAAGGGGA AAAGGAGGAAGAAAACATTGGAGGAAGGGAAGGGGGGCCAAAAGGAGACC CGGAAGGAACAGGAAACACGGGGGGAAGAGAGGGGAAAGGGGAGGGGGG G GACCCCAGAGAGGGGCAGAGACCGGAACCAAGGAAGGGGAAGGAAGGAG AGAGGAAGAGGAAAGGAAAAGGAACAAAAAGGAACCAAGGAACCGGGGAG AA G GAAAGCCGGAGAGAGAGGGAAGGGGGAGGAAAAAGAGAGGGGGAAA CGGAACCAAGGAAGAAAGGAGGGAAAAAATTGAGGAGGGGAAAAGAAGGC CGGGGGGGGAGGGAGAAGGCCAGAGCCAAGGTTAGGGGGAGAAAACCGA GGAGGAAACAAGGGCCAAGAAAGGGGCCAGAAAAAAAAAAGGGGGAGAGG AACAGGGGGGGAGACAAAGGGGAGGGGGAGGAAGGGAAAAAAAAAAGACC G G G G G G G G G A A A G GAAAAAGGGAAGAGGAGGAGGCCGGAGCCGGAAAAT AAAAAGGAAGGAGGGAGGGAAAAGGGAAAGGAGAAGAGGGGAACCGGAA G G A G A A A G G G G G G G G G A A G GAGGGAACCCCAAGGAAAAGGGGGGGGAAG G G G G G G GAAAAAAAAAAGGAAAAAACCGGTTAAAACAAGGGAAGGGAAAA ACCGAAAAAGGAAGAAGCCAAAAAGAAGGGGGGAAGACAAGAGGGAAGAA AA GAGGGGGAAGGAAAAAAAAGGAAGGGAGGCCGGAAAACCGGGGAAAAG GGGCCGAAGAAAAGGAACCAACCACCCGGGGGGAAGGAAAACCAAGGGAA AGGGAAAGGTTAAAACCTTAAGGAAGGAAGAACACGGAGAAGGAAGGATA AAAAACCGGAAAAGAAAGGCCGGAAAACCAAACAAACAGGGGGAAGAGGG GAAAAAAGGGGAGGAAAGAGGAAGGGGAAAGGGAAAAGGAGAAGGCCGG AA G GAAGGAAGAGGAGAAAAAGCAGGAAACACGAAGGGCCGGAGCCGAGA CCGACCGGGGAAGGAGAAACAAAAAGAGCCGGGGCAGGGAAGCCAGAGGA GAGAGGAAGAAGAAGGAGAGGGACAAGGGGAAAGCCTTGGAGCACACGCC AAAAAGGAGAAAAGAAAGAAAAAAAAGGAAGGCAAAAGGGGGGGAAGGGA AAGGGGGGGGAAGGAAAAGGGGAGCCCCAAGGCAGAAGAGCCAAGGAAAG

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$28117000-9$ GGGGGGCCGGGGGGGGAAGGAAAAAAAAGGGGAAAAGGAACC CCCCAAGGAAAAAAGGAAGGAAAACCAAAAGGAACCGGGGAAGGGGGGGG AACCAAAAGGGGCCGGGGCCGGGGAAGGCCAAGGAAGGGGAAAAGGGGA AAAAAGGGGAAAAAAGGAAAAAAGGAAGGAAAACCGGGGCCGGAAGGGGA AAAGGAAAAAAACGACCGGCCAAAGAAGAAGAGAAGAAAGGGGACGGCCA GAAGGGGGGGGAGAGGGGGGGGGGAAAGGGGCCGAATAGGAAGGAGGGA GAGGAACCAGGAAAAAAGAACCGGGGGGAAGGAAGGAAAAAAAAAAAAAG GAAGAGGAGGGAGGCAAGCCAGAGGGGGAAAAAAAGAACCAAAAGAGGAA AGAAGGGGCCAACCAGGAAAGGAAGGAACCGGCAACCCAGGGAAGGGGTA GGAAGAAGTTAAGGAAGGGGAAGGAACCAAGGAAAAAACATTCCAGGGCC AGGGAAAAGGAAGGGAGGAAGAAAAAAAGAAAAGAGAAGAACGGAAAAAG AAAGAAGGAAAAGGCCAAGGGGCCGGAAGGAAAACCGGAAAAAACCAACC GGCCGGCCGGAAAAAAGGAAAAAAGGGGGGGGGGAAAAGGAAAACCAAAA GGGGGGGGCCGGGAGGAAAAAAGGGGGGGGCCAAAAGGGGAAAAGGCCC AAGCAGAGGAAAAAAAAGAAGGGGGAACCGCGGAGGGAGAGAAGGAGGGC AGGAAAAAAAAGAGACAGGAAGGGGCCAAGGGAAGGGCCGGTTGGGGAAA GGGAAAAACAAAAAAAAGAGGAGGAAATAAGCCAAAAGGAGGGGCGAAAG GGAAACCCCGAGGAAAGGACCAGAGAAGGAGCCAGACAAGGCCGGAACAA AGGAAAAGGAAACGGGGAAAAAAAAAAGGAAAGAAAAGGGGCGAAAAGGG GAAGGAAGAGGGGAAAACCAAGGAAAAGAGGGGCCAAAAGGAACCAAAAA ACCGGAAGGAAGCGAGAAAAGAGAAAGAGAGACAAGGAAGGAAGGAAAAA AAAAAGGTAAAATCAGAAGGGGGAAAACCGAGACAAAACGAGAGGAAAGG AGGAAGACCGGAAAAGGAGACGGAAGAACGAGGAAAGAAAAGGAGGAACG

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G G G G G G G G G GAAAACCGGCCAAAGAAAGGGGGGGCCGGGCATGAGGGGC AAGGAGAGAAGGAAGGACAGAGAGAAGAGGAGGAGAGGAAAAAAACCCAA ACCAAAAGGGGGGACAGGGGGAACCAGAAAGAGGGGGGGGGCAGGAGAA AGCCAAAACAAGAAGAAGCCGGCCAAAAAGAAAACCGGTAAGAAGGGGGA GAGGGAAAACAGCAGAACAGGGGAGGGGGACCAAAGGAAGGGAAGGAGG G GA G GCCAGAGAAGGACGAGGAAGGGGGGGGAAGGGGAAGGCCAACCGG CCAAGGAAGGGGAAAAGGGGGGGGCCGGAAAACCAAGGAAAACCAAAAAA GGGGCCCCGGAAGGCAGGAAGGGGAAAAAGGGAGCAACGGGGGGAGGGA GGAAGAGAGAGGGAACCGGGGGAAAGGAAAAAAGGGCAAAAAAAAAGAAA G GAAA G GAGGGGGCCTTAGAGGAGAGGAGAGAGGACCAAAAAATACAGAG GAGAACCCCCCCCGAAAGAACGGGGAAACAAGGGGGAAAAAGGAGGGCGA GAGCCAGGGGGGGAAACCCAGAAAAAACCAAAAGGAAAAAAAAGGAAACG AAAGAGGGATAGGGGAAGGAGAGGAAGAGGGGGAGGAACAGAACCAAGG GGAAGGGGGGAAGGAAGGAGAACCAGAGGAAGGAAGGGGCGAGGAGAAA CAGGGCCAGGGGGGGAGAAGGAAGGGGGGAGGGAAGGAGCCCAGGGAGG GGAAAAGGAAACGGGGAACCCCAGGAATAGGAGAGAGGGAAAAAAAAAAA AAGGCGGAGGAAAAGGAAAAAGAACGCCGGAGAAAAGGCGGGGAAGACCA AA $\operatorname{l}$ GAGAAGGCCGGGGGGGGGAGGAAAGGGCCAGAAGGAGGGGAGAAGG G G G G G AAAAGGCCGGAAAAAAAAGGCCAAAAGGCCAAAAGGAAAGGGGGA GAGAGAGAAAGGGACAGAAGGAAACGGGGAGACCAAGGGGGAAGAAGCAA AGAAAGGAGGGAAGAGACAGGCCGGGGAAGGAAGGAAGGGGGGAGGGGA
 A G A G G G A A A A A G G GAGGGGAGGAGGAGAAGGGGAAAGGACAAGAAGGCC G GAGGGGAAAGGGGAAGGGCCCGGAAGGGAAAGGAAGGAGGAACAAAGC AAGAGAAACGAGGGAAGCCGGAAAAGAGGAAAAGGCCAAAAAAGAAAAAG AA $\ln$ AGGGAACAGGCAGAAAGGGGGGGAAACCGGAAACAAAGGGGGGAGAA AGGAGGGGACAGAGGGGAGGAGAAGAAAAGAAGAGAAGGACAGCCGGAG AAAGAGCCAGAGGAGGAAAGGAGGAAGGAGGGCCGAAGAGAGGGAAAGG AAAGAGAAGGAAAGGCCTTCCCCAAGAGGAAGGAGGGCCGAAGGGTTAAG GGGAAAGGGAAGGGAGGGAGAAAAGGAGGCAGGAGAGAACAGGAAAAAAA AAGCAAGAAGGGGACGGGACCGAAGGGAAAAGGACGAGGACCCGAGAAAG ACAGAAGGGAAGGGGAGGGGGGGGGAGAAGGGGAGAGAGCCGGGGGGGA AGAGCGACAGAAAAGAGGAAAAAAAGAAGAGAGGGGCAAAAAGGAAAAAA G GCAAGAGGAGGGGGAGGAAGGAAGAAAGAAGGGGCAAAGGAGAAGGAA AAAGGAGAAAAAGGGAAGACAGAGAAGGGGAGGAAAAGGGGAAGAACGGG GAACCGGGGTTAAAGAAGGAAAAGGGGGGAAAGAGGGGAGGGGGGAAAG GGCCAACCAAAGGAACCACAAGAACCCCGACCAAAAAAGGAGAAGGGGGG AGAAGGAAGGAAAAGGGGGAAGGAGGGAAAGAGCGGAGGAGGGGAGGGA GAGGGAAGGCCAGAGGGAAGGAACAGGAAAGGAATAAAGCAGAAGAAAAG GAGGGAAAAACCAAACCAAAAGGGGCCAACCAAGGGGGGGGGGAGGGAGG G G G ACAAGGAAGCCAGAGGGGAAGGAAAAAAAATAAGAAGGGGAAAGAAG GCCAAGGCCCCGGGGAGGGAAAAAGGAAAGGGGCACCAAAAAAAGAGCAG A GAGGGGGGAGGGAAGGGGAAAAAAGGCCCCAGAGAAGAGGAGAAGGGG AGGGGGCCAGAAGGGGGGAAAGAAGGGGAACCTTGGCCCCGGAACCAAAA GAAAAGGAGATAAGGAAGGAGAAGAGGAGAAGGGAGGGGAAAGGGGCCG GCGGGGGAAAAACAAAGGGAGGGAAGGAAGGGGACGGAAGAGACAGGGG GGCGGGAGAGGGGGGGTTGAGGGGGGAGAAAGGAGAACCAAAAAGAGGA AAGAAAAGAGAGGCCGCGCGGAAAGGACCAGGAAGAAGGGGAAAAAGAGA ACCGGAAAGCCCCAAAAAGAAAAAAGAGGGAAAAACAGGGAGACAGGGGG G GAAAAAAAGAGAAGGCGAACGGGGCCGGACGAAAGGACGAGGAGACAGG GAGAAAAGGCCAAGGGAGGAAAGACGAAAAAGGGGAACCCCAGACCCCCG GAAAGGAAAGAGGTTAAGGGGCCGGAAAAGGAAAAGAAAGGGGAAAAGGA AGAAGGAAGAGAAAGAAAAGGCCAAAAAAAAGGGGAAGAGGAAGGGAAAA A G GAAAGGGGGCCGGGGAAAAAGGGGGAAAAGAAAGGAGGGGGGAGGAC ACAGCAGGCGAAGAAAGAGGGGAAAGAAAAGAAACAGGAAAAAAAAAGGA GAAAAAAAGGAAGAAAGGGAGAGAGAGGGGGGGGAAGGAAGGACGGGGA GGGAAAGCCAGAAGGGACCCCGGGGAAAGAAAACAAAGGAGCCGAGGAGG GGGTTGGCCGGAGGAGGAAGGGAAAAACGGGAAAAAAAAAAAAAGCCACA GAAGGGGCCGGGAAGACGGAAAAGGGGCAAAAGAAGGCCAAGGAAAGAGC AAAAGGAAAGAAAGGCAGGGGAAAGAACCGGGGGGAGACAAGGAGGAAAA AACGGAGACAAAAAAAAGGAACCTAGGGGCCAGGGGGAGAAGGGGAGGAA

GAAAAGGGGCCGGGAGGGGGGAAAAGGAAGGAAAAAAAGAGAAAAAGAGA GAAGAGAGAGGAAAAGGGGGGAAAAAAGGGGAAAAGGAAGGGGGGGGGG G GAA G GAAGGCCAAGGCCGGGGGGAAGGGGCCAACCAAAAAAAAGGAAAA GGAAAAAAGGTTAAGGCCAAAAAAAAAAAAAAAAGGAAAAAAAAAAAAGG G G G GCCAAGGCCTTCCAAGGAAGGAAAAAAGGAAGGGGAAAAGGGGAAAA AA G G AA G G G GAA G G G GAAGGGGAAGGAACCAAAAAACCGGAAGGGGGGA AGGGGGGCCAAAAAAGGAACCGGAAAAGGGGGGAAGGAAAAGGAAAAAAG G G G G G G GAAAAAAGGGGGGAACCGGAAAAGGGGAAAAAACCCCAAGGGG G G G G G G A A CCGGGGGGAAAAAAGGGGGGGGAAGGCCAAAACCAACCGGA AGGAAAAGGAAGGCCGGAAAAGGCCAAGGAAGGGGCCGGGGAAGGAATTG GAAAAGGAACCAAGGAAAAGGGGAAGGAAAAGGAAGGGGAAAACCAAGGG GAAAAAACCAAAAAAAAGGAAAAAACCGGGGAAGGTTAAAAAAAAGGGGC CAAAAGGGGGGGGAAAAGGTTAAGGAAAAAAGGGGGGCCAAAAGGAAAAA ACCGGCCAAGGAAAAAAGGAAGGAAAAAAGGGGAAGGGGGGAAAAGGGGA AGGCCGGAAGGGGGGGGAAAAGGAAGGAAAAGGGGGGGGAGAAAGAAGG G GAGAGAAGGGACAGAGGAAAAAAAAGAAGAGGGAGGGGGAAAAAAAGGA A GAGGGGGAAATGGGGAAGGGGGGAAGGCAGGGAGAAAGGCCAATAAGA GCCAAAAAACCACGGCAGAATGAGAGAAAAAAAAGAAAAGGGGAAGGAAA AGAGGAGAACGGGTAACAAAGACGGAACCGGGACAGGAAGGAAGACAGAG GGACCGAAAGACCAAGAAAACGAGGGGAAGGAGAACCAGAAAACAAGGGC AAAGAAAAAGGGGAGGGAGCCCGGGAGCGAAAAAGAACCAAGGGGAGGGG GAACAGAGGGAAAGGGAAAGGGGGGGGAAGGGAGGAACCAAAGAGCCAA GGTTACAACCGGCCGAAAAGGAAAAGGGAAGGAGAAAACAAAACAGAGGG G GAAAGGGGGAGCAAAGGAAAAGAGGAAGGAGCACAGGAAAAACGGGCGA G GAAAAAAGGAAGGGAAAAGAAAAGGAAGAGGAAAGCCGAGGAAGGAGGG GCCAGGAAGGCCGGAGGGAACCGGGGAGAACCGGGAAGAAAAAGAGGGG AAAGGAAGGAGAAGGAGGGAGAGGGAGAAGGTTAAAGGAGGAGCAGGAC AAGGGGCCGGAAAGAGGGAAAGAGAACCGAACAAAAAGAAAAACCCAAAG TATTGAAAAAGGCCGGCAGGGGAGAGAGAAAAGAGAAAGGGGGGAGGGG GAAAGGAAGGGAAGAACAACAGGGAAGAAGGCCGGAAGAAGGGGAAACAG GAAAACCAAGGGGGGAAAGGAAGAGAGGGAAGGGGCCAAAGATGGAAAAC AGACCAGAGAGGGCAGGAAAACCAACACAAAAGGGAGAAAAAGGAAACCA ACCGGTTAGAAGGCCGGAAAAAAGGGACCAAAAGGGGGGAAAAAAAGGGA A G G G GAA G GAAGGGGACGGAGGAAGAAGACCCCCCGACATTGGAAAGAAG AA $\ln$ CAGAAGCAGGGGAACCGGGGGGAAGGGGAAAGAGAGAGAGCAAAGG GAGGGGAGGAGGGCAAAGAAAAGGGGGGGAACAAGAGGGGCCAAGAGGA ACCGAAACCAAGGCCGGCCAAGGAAAGAACCGGGGGGGAAGACGAAGCCG GAGGGAGAGGGGAGGAAGGGGAAGGGGAACGGGCCGGAAAACCAGAAAA CCAGCCGGAAAAAGTAGAAAAGGGAGAGAGACAGGGAAAAAAGGAAAAAA G GAGCAAAGAAACCAGGGAAGGAAGGGGGGAAGGCCGGAACCCCGGGGG GAAGGAAAAGGACGAAGCCGGGACGAAAGAGGGGAGGAAGGGGGGGGGC AGGGAAAAAGAAGAAACCAAAAGGGGCCGGGGGAAGAAAAATGGAAAACC GGAAGAAAGGGGGGCAAAAAGGAAGAAAAACCCAAACAAAAGAAGGAAAA GGAACCCCAAGGAAAAGGCCAAAGGACAACAGAAGGCCGGAAAAGAGGCC CAGAAGCCGGCAGAAAAGCCGGCCGACAAGACAGAAAGAGAAGAAGAGGA AGAGGAAGCATAAGAGGAGAAAAAAAGAACGAAGCAAGCCGGGGACAAGG CGAGAGAAGGAAAAGGAAAAGGGGGGCCCAACGAGAAAAAGAGGAGAAGC AGAAGAAAGGAAGGGGGATTAAAAAACCCCGGCCGGAAAAAACCAAGAGG GAAAAGAAAAAAAAGGAAGGGGTTAAGAAAGGGAAAGGGGGAAAGGGGCA GGCCAGGAGGGGGGGGGGGACCGGGACCAGACGGAAGGAAGGCCGGAAG GAAACGGGAAAGGAGAGGGAGGAGAGGACAGGGAAGGAAAAAAGAAAAAG GGAATAAGAAAAAGGGGGGAAGACAAATTAAAACCGGAAGAAAAAAAGAG GAGACCCGGATAGAACACAAAGGGGCCAAAAGGGGGGAGGGCCGGGAGG G G G G G G G AAAAGGACCAAAATTGAAAAAAAGAGGAAGGAAAAGGGGAAAG AATTGGGAGAAAGGAAAACCGGAGAAGAAGAGGGGGGACCGGGGGAGCG GAGCCGAAGCCAACCGAAGGGCAGGAGAACACAGAGGGGGAGGGGGAGG AA G GCCAGAGGAGAGGAAGGAAAAAAAGAAGAAAAGGGACAAAAAGAAAA GGCCAAGGCCAAAAGGCCGGAAAATTGGGGGGAAGGAAAAGAACGACACC AAGGAGAACGGGAACCAATTAAAACCGGAAAGAAGAGGAACAGAGAGAAG G G G G G G G GCCGGGGGGGAGGGAAAAGCAGGAAAAAAGGGGAGGAGAGAA AGGAAAGCCCAAGAGAGAACACCGGGGCCAGAAAGAGGAGGGGGGGAAAA

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TGGAAGGAAGGGGAAGGAAAGGAGGGGGGCCCAAAAGAGCAGGGGGGGG
 GAGGGGGGGGGAAAAGGAAGGAAGAGGGGAAGGGGGGGGAGAGATAAGG GAAACCAAGGCAGGGGGAGGAGAAAGGAGGAAGACAAGGAAAAGAAAGAA G GAAACTTGAATGGAAGGGAGACAAGGAGAAAAAAGGGGGGGAGGGAAGA AA G GAGAGAGGGGACAGAGAAGAAGGGGCCAGAACCGGGGTTAAGGGGA AAACCAAAACCAGGGGGAAAAAAGGCAGGAAGACAAGAAGGAAAGAGAAG GCCACAACCGAAAAGTAGGAAGGAAGAGACAAGAAGGAAAACCAAGGGGA ATTGACCGGCCGGAACCGGAAGAAGGGGGCCGGAAAAGGAAGGCCAAAAG GAAAACCAGGCAGGGAGAGAAAGGGAAAAAGGGGGAAAGAAAAAAGGAGG GAAAGGAGGGGAGAAGAGAAGAAAAAGAAAAAGGGGCCCAAACAAGAGGA GAAGGAGAGAAGGGAAAAAAATAGGAACCGGGAGAGCCCGAACGGGGAAA AAAAAAAGGAAAACCGGGGAGAAGAAGGCGGACGGAAAACCGGGGGGAAA AGGGAAAAAGGGGAAAAGGGGGAGGAAGGGGAAGGAGAAAAAAGGGGGA GACAGGAAAGACGGAAGGAAGGGAGGGCAGAAGGAAGGATAAAAAGAGCC GGAGAGCAGGAGAAGAGAAAAGCCGGGAAGGAGGAAAGCGGGAAAACCCC
 AAAAAAAGGCCGGGGAACCGGGGGGAAGGAAGGAAGCCCCCAAAGCAGAG GAAAAAGGAGGAGAGAGGGAAAGAGAAGGAAGAAAAAAAGGAGAGGGGGA AAGAAACAAGGCAGGGGAAAAAAGGCCGGAAGGAAAAAAACAAGGAGAAA AAAGAGGAGTTGGGAAAAAGAAAACAAAAACGAAAGGAGGAGACAGGGGG GCCGAGGAGAAGGAAGAATCCCCGAAAGGGGGGAAGGGGAAGGCAGAAAC CACAACCGGAGAACCAAGGGAGGAAGGGGGGAGAACCACAAGAAAGGCAG AATGGGGAGAGAGGAGAGGAAGGGGAAAACAAAGGCCGAGAGAAGGGGG AA $\operatorname{A} A C A G G G G G G A A A A A A A A A A A A C C A A A G A C G A C A A A G G G G C C G G G G A C ~$ AA G GACGAGGAACCAAGGGGAAGGCAGAGATAGAAAAGAAGAGGGAGGAG CCAAAAACCGAGGGGGAAGGGGAAGGGGGGGGAAAATTAAGGGGGGAAG AA GAAGGGGGGGAAAAGAACCGAAAGGGGAAGGCCGAGGGGGAAAGGGG GGGAAAAAAGGGACATGGAAGAAAAGGAAAAGGAGGAAGAAAAGAAACCC GAAACCAAGGAGGGAGAGGGAGGGCAGGGGGGGAGGGAAAGGGAGAGAA CGGCAAGCGAAGGGGAGGGAACCGAAAGGGGAAGAGGCCAAAAACAGCCC CGAAAGAAGGAAGGGAACCGGTTCCGGACAAGGGGGGAAAAGGGGGAGAA AAAAAGGAACCGGAGGGGGAAGGGGAAAGGGGGAAAGAAGGAAAAAAAAC GGGGAGAGGAAAAGGAAAAGGAAGGAAAGGAGAGGAAAAGGGAAAGAGA GAAGAGGGGACCGAAGAAAAGGAGCAAAAAAAGGAAGGGGGGGGCCCAGG AAGAAGGAACAAACAAAGGATTGAGAGAAGGGGGAAGAGAAGCCAGAGAG
 ATTGGAAGGGGAAGAAAGGGGGAAGAAAAAGACGAAGACGAGGAGCCAAG GAACCGGGGAAAAAGAAAGACCCAAGGGGAAAAAACCAAAAGGAAGAGGG G G G GA G GAGGGGAAGAGGGCCGGAAGGCAAGGAAGAAGGGGAAGGGGCA AGAAAACCCCGGAAAGAAAGGAAGAGGGAAAGGGAAAAAAGGGAAGGGGG GAGGGAGGCGGGGAGGCAAAGAGAGGAAGGAAAAAGAAAGAAAAGGCCAG GGGAGAAACCAAAAGGAAAGAAAGCAGGGGGGAGAGACGGGGGGCCAAAA GGAACCAAAAAGGGAAAAGGAGGAAAGAGAGAAAGAACACCCGGGGAGTT G G GA G GAGAAGGGGAAGGAAGGGGGGACGGGGGGCAAGAGAGAGCAAAC CGGAAAACCAAGAGGGGAAAAAAAAGGAAGGAAAACCGGAAAAGGAGGGA GGGAAGGGAAAGGGGCCACAGGAAAGGGAAGGAGGAGACCAGGAGAAGG AA $\operatorname{A} G \mathrm{G}$ GGGGGAGAAAAGAGGGGAGGAAGCCAGGGGGACGGAGGAGAAAA CAGAAAGGAACGGAATTAAGAGGGGGGCCGGAAGGAAGGAGGGGGAAAAA CACGAAGGAAGGAAGAGGGGGAAAGCCAAGGGGACCCGGGGAACCGGGA G G G GCCGGGGAAGGGGGGAAAACCACGGGGGGGGACAACCGGCAGAAGA GAACCAGAGAGAGGGGGAGCACACGAGAAAAAAGGAAGGAGGGAAGGACG AGAAGACACGGGAAAAAGGAACCAAGGAAAAGGAAGGGGGGGGCAAGGGG G G G G G A G AAA $\ln$ ACGGGGGGAAAACCAAAAGGAAAAGGAAAACCGGAAAAG GAACCGGAAGGCCGGGGGGGGAAAAGGGGCCGGGGAAGGGGAAGGGGGG AA $\operatorname{A}$ GAAAGAACCAGGGGGGGAGAAGGGGGGGGGGGGGGAAGGGGAAGAA A G A G G G G G GAAGGACAGGGGGGGGGAAAAACGGAAGAACGAGAGAAACC AGAAGAGAGGAGGGGGACAAGAAGAGAACCAAAAAGAGAGGAGAAAGGGG AAAGGGAGAGAGAGAATTGGAGCCAGGAGGGACCAAAAGGAGCAGAAAAG GGAAAGGGGGAAAAAACAGGGGAGGGCAGGGGTAAAGGGGAGAGGGGCA AA $\operatorname{A} G \mathrm{G}$ GGGGACGGAAGGAGGGCAGGAAACCCGGGGGGGGAAACAGCAGG

GAAGGGAAGGGGGGAAGGGAGGGGAGAAAGGAAAGGAAAAAAGAGGGGA AGGGAAGGGAAGGGAAAGGAAGGAAGAAGAGAAGGGACCGGGGGGAAAG G G G G GAGAACAACCGGAGAGAAAAAAAAGGGGCCAAGGCCGAAAAAAGAG AACAAAAAAAGGAGGGGGAAAGGGCAAACAAAAAAGGGAAAGACAAATCC AGAGCAGGAGAAGAAAAAAAGGGGGACGGAAACCGGGGAGGGGGCAACCA AACCAAAAGGAAAACCAAAAGGAAAAAGTAACAGAGAAGGAAAGAAGGAC GGAGAAAAGGCCCCAACCAAGGCCAAAAGGACCAAGGGGGGGGGAAAGAG CCCCAAAAGAGGGGGGCCGGCACAGAGGAAGAGAAAAGAGAAAAGGAGAG AAAAAGAATAAAGGAACCAAGGGGGAGAAAGGGAAACCAGAAAAGGGGAG AAGGCAGACCAAAACCAAAACCAACCAAAAAAGGAGGGAAGGGGAAGGCA AAAAAAGGAAAAGGGAGACAAGGGAGAAAACCCACGCCGGCCAAGGGAAA GAAAGGACGGGGAAAAAAAAAACACAAAGGAAAGGACGGGCAACAGAAGG G GAGAGGAGGGACCAGAGACGAGGGGGGCCACGAACCGGAAAAAAGAAAA CCAAGGGAAAGAAAAAAAAGGAAAAGCCCCCAAAGAGGAGGGGGGAAAGA AGAGAAGGGGGGGGAGGAAATTGGGGAACAAAAAAAGGAAAACCGAAGAA AAGGGGAATTAAAAAAGGAACACCAGAGCCCCAAAAACGGAAGGAAAAGG GGAAAAAGCCGGGGCCTAAAAAAACCGGAAAAAAGGGGGAGGAGGAGGAG AA G G G GCCGGAAGAGGAAGGAGAAAAAGAGGGGGAGGGGGAAAAGCGGG GCCAGAAACGAGACCGAGGCCACGGAGAACCAAGGAGGGAAGGGCGGGGG AA $\operatorname{A} A \mathrm{~A} A A A \operatorname{A} A \operatorname{AGGGGGGCAAGGGGAAGAGGGACCAAGGAGCCGGGGGG}$ AAGGCAAAGGGGCCAAGGAGGATAAACCAGCACAGGCAGGAAAAAGGGAA GGGACAAAACGAGAAAAGGGAAGAGAAAACCCCCAACCAAGGAAGGGGAA G G G GAAAAGGAGGGGAAACCAAACCAGGACGGGAGACCGGAAAACAGGGA AGACGGAAAAGGAAGGAAGGCCGGAACCAGGGAAAACCGGGGAGCCAGAA GACCAAGAAAAAGAGGAGAAAGGAGGAAAAGGAAGGGGAAAGTTCCAAAA GGGGACAACCAAGAGGAAAGAAGGGGAAAAAAAGAAGAAGCCGGAAAAAG AAGAGAGGAAAAAGCCAGAGGATTAAGAAAGGCCAGGAAGAGCCAAGGGG ACAAAAGGGAGACCAAAAGGCCAAAGGAAAAACCAAAAAAAGGGGAAAAA GGGGACAGAGGGGGACGGAAAAAAGAGGGGGGGGGGGAGAAAAAGGAAG GGGGGAAAAGAGGGGAAGGCCAAAACCAAAAAAACGCGGCCAAGGAAAAG AA $\operatorname{A}$ GGAAGGGGGGCCAAAAGGAAGGGGGGAAGAGGGAGAGAAGGGAGAA ATGGGACCGGGGGGGAACGGGGAAAGAGCCAAGGAACAGAGAAACCGGAG A G GAGAGGAACCGGGGAAAAGGAAAAAAGGAAGGGGGGAAGGGGGGAAA A GAGGAAAAGGGGAGAAAGGGAACACCAGAGGACAGAAAAGCAAGTAAAA ACCGGGAAAGGCCGAAAAGCCAACCGGAAAGGGAGAGAGGGACGGAACCG GAATTGGAGCAGAGGGGAGAAGAAAAAGAGGAAAAGGGAGAAAGACCGGG GAGAATTGGAGAAAGGGACAACCCCGGAGCCGGAAGGTAGGGGGAAAAGG GGCAGAGAGAAGAGAGGAGGAAAAGAGAAGGAAGGGGGAACAAGGGAGA AAAAGGAGCGGAAAAAAGGAAGGGGAAAGAGGAAAAAAAAAACAAAGAAA CCGAAGAGGAGGAAGAGGGAAAGGGGAGGGGGCCAGAGGAGGAAAGGAG GGGAACCAGAGGGAAAAGGGGAAAAAAAAAAGGGGAGAAACAGAAGGTTA AGGGGAAAAGGGGGGGGAAAGAGAAACCAACAGGAGGGGACCCGGGGGG AAGGAACCGGAGAGAGGAGGGGCCAGGAGAAGGGGAAAGAAAAAAAAGGA G G A G G G G G G GAAGGAGCAGAAAAGAAAAGGGGCAGGGGGAGGAAAAAGG GGGAAGAGAAAGAAAAGAAACGAGGAAAATTAAGGAAGGAAGGGACAGGG ACAAGAGAGATGGGATAAGGGAGAGCAACAGGAGGAAGAAGAACAGAGGA G GACCAGGGGGAGGGAAGAGGAAGGGAAACGAACCGAAAAAGAAACCCCC CGGCAAGAGCAAGGGTTAAAAAAAAGGGGCCGGGGAAGGAGGGAACGAAG G G G G G G G AACCGGAAAAGGAAAAAAAAAAGGAAAAGAAAGAAGAACCAAG GAA G GAAAAAGGAAAGAGGGGAAGGGGAGGCGGGGAAGCAAGGGGAGAA G GAACCGGAGAAAGAAAAGGGGCAAGCAGGAAAAGAAGGGCCCCAAAAAC AA GAGGAAAGAACCGGAACCGGACCCGGGGGGAAAGGGACACCAAGGGAC AGAGAGAACCCAAAGGAAAAAGAAGGGGAAAAAAGGGGAAGGGGAAAAAA TTGGGGCGAAGAAGAAGGAAAAGGGGAAAAAGGAGGAAGGGGCAGAAGG G G G GAGGAGGGGGGAGGAAAAGGAGAAGGAAGGAAAAAACCAAAAGAGG G G G GCC G GAA G GAGAAGGGGGGAGGGGGAAGGGAGACCAGAGGGGAGAG A G G G G G G GAAA G GAAGGAAGGAAAAGGGGCAAAAAGGAGGGAAAAGGAG AGGGCACAGGAGAGACAGCAAGAAGGAGGAAGGGGGGGAAAAAAAACCAG GGGAGGAAAACCAGAGAAGAGGTTAGGGGGGGAAGGCCAGAGGAAAGGA CGGAAAACCACAGAACCGGGGAAAAAGAGAAAGAAAAAAAAGGGGCCAAG G G G GAGGAGCCGAAAAAAAGAAAAAGAAACAAAAGGAGGAGCAAAGGGGG

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 G G G G G A A A A G A G G A G A G A A G GAA G GAAGGGAGGAGGGCCAACCGAAGAG CCGAGGAGAAGGGGAGGGAAAAAAAAGAGGAAAAGGAGGAGGAGGGCCAA AGCCGGAAGGGACCGGAGAAGAAAAAAACCAGCATAAAAGAAAAGAGGAA GGGGGGAGAAAAAGGGAGGGGGAAAAGAGAAGAGACAGAGCCAAGGCCA GCAAAAGCCACGGGAAGGAAGAGGGGGAAGGAAAAAAGGCCGGAAGGGG GGGGAGGAGGTTAGGGGAGAGGGGCAAACCCAAAAGAGAACAACGGAGG GGGGAGAAAACAGAAGGAGGAAGAGAGGGAAGAGGAGAAGGGGAAAAAAA GAAAACCGGGGAAAAAAAAGGGGGCAGAGAAAAGGAAAGCCAAGAGAGGA AGAAAAGGGCCAAGAAAGAGAACAAGGAAAAGGGGGGGGGGAGAGGAAAC C GCGGGGCAGGAAGAGGGGGGGGGGCCAGGGAAGGAAAGGAGGAAGGGG AACACAGAGGAAAAAGAACAGGAAAAGGGGGGGGAGGAGAGAGAGGAGAG AAACGAGAAAAAGGGACCAAGGGGAAAAAATAAGACACAAGGAGGAACGA GGAAGGCCGGAAGGGAGGAGGGAATAGAGGGGGGGAGAAAGAGGAAAGA AGGAAAAAACAAAGAAGGAGAGGGATTCCACAGGGCACAACCCAGCCGGG G G G AAACGGAAGAGAAGAGCACGGAGGAGAACCACGGAACAGGAAGAGGA A G G A $\operatorname{la}$ A G $\operatorname{A}$ GGGGGGGGAAGGGGGAAGGGGGAAAAGGAGAGAAGGGGCC
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 G GAA $\operatorname{l}$ GAAGGGGAAGGGGAAGGGGGGAAAAGGCCAAAAAAGGGGGGAAA AGGCCGGAAAATTCCAAGGGGAAAAAAAAGGGGGGAAAAAAGGGGAAAAG G G GCCAAAAAAGGGGAAGGAACCAAGGAAAAGGGGAAGGAAGGGGGGGG AAAAAAAAAAGGAAGGAAAAGGGGGGAAGGAAGGAAAAGGGGAATTAAGG GGAAAAAAGGGGAAAAGGAAAAGGCCAAAAGGAAAAAAAAAAGGAACCAA G GAA $\ln$ GAAGGAAGGGGAAGGAAGGGGGGAAAAAAAAAA G GAAAA G G G G G G GAAAAAAGGGGAAGGAAAAGGCCGGGGGGGGAAAAGGAAAAAAGGAAGG G G G GCCAA G G A A A A G G G GAA $\operatorname{Cl}$ GGGAAGGGGGGGGGGGGGGGGAAGGGGA AAAAAGGAAGGCCAAAAAAGGCCAACCGGGGAAGGAAGGGGAAGGGGAAA AAAAA $A$ GGGAAGGGGGGAAGGGGGGGGGGGGCCAAGGAAGGAAGGGGGG CCCCGGGGGGGGAAGGAAAAAAGGCCAACCGGAAAACCAAGGCCGGGGAA G G G G G GAA G G G G G G G GAAAAGGCCCCCCGGGGGGAAAAAAAAGGGGAAC CAAAACCAAGGAAAAGGAAAAGGCCAAAAGGGGAAAAAAGGGGAAGGGGA ACCAAAAGGGGAAGGGGCCGGCCGGAAGGAACCAAAAAACAGGGGGAGGA GCCGGAGGAAGGGGGGGAGAGAAAGGGAGGGGGGGGGCCGGGGAAGGGG
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 G G GAAAAAGAGGAAGCAGGCCAGGGGGGGGGCGAAGGGGGGGGAGAAGG G G G GAA $\ln$ AG G A CAAGGGAAGGGAAGGGGAAAACCAAGAAAGGAAGGAACC CCAAAA $\operatorname{CA} A \operatorname{GGGGGGGGGGCAAAGGGAAGAAGGGGGAAGCAGAGGGGAAA}$ GCAGACAGGAAAAAGAGGACCCGGAGAAGAAGAAGAGACGGGACCAGAGA GCCGGGAGAAAAGAGAAAAAAGGCCGGGGCAGAAGAGACCCAAAAGAGAA GAGCAAACCGAACAAAGAGCCGACCAGAACAGGGGGGGGAAAGAACCACA AA GAAGAAGCAAGAAGGGGGGAAAAAAAGGGGGAAAGGAAAAAAAGGGAG A G G G G G GCCGGGGAGGGCCAAGGAAAAGAAGAAGGGGAAGGAAGGAGGG CCGAAGGAAGGGAGAGGAGGGGAACACAAGGGAAGGGGAAGGAAGGAAA AAAAAAACCGAGAAAAAAAAAATAGGGCAACACAAGGGAGAGGAAAAGGG AAAAGAGAAAAAGCGGGCCAGAAAAGGAAGACAGCGAGGCAGGGGAAAAA AAAGGGGGGGGGAAAGGGGAAGAGAATCAGGAAAAAAGGGAGGGGGGAA AAAGAGAGGGGGACAAGGCCAAAAAAAAAAGGGGAAGGAACCGGAACCAA AAAGAGAAAATTAACCCCGGAACCAAGAGGGGGGGAGAATCCACAAGGGA GGAAACTTGGAGAAAAAGAAAAGAAAGGAACCAAGGAAAAAAAAAAGGAA AACCGGGACAAGGGGAGGAGGAAGCCAGGGGAACGAAGAGAAACACAAAA AAGGGAAGAAGGAAAAAAAACCAAGGAAGAAACCAACCCCGGAAGGGAAG AA GACCGGAAGAGGCCAGAAAGGGAAAAAGGGGGAGGGGGGACCAAGAAC AGAGAACCAGCACACCAAACAAGGCCAGGAAAAAGGGAAAACGGGGGGGG CCGGCAAATAGAAAAAAGGGAAAAGGGGAAGGGACAAAGAGGAGAACCAG GAGGCCGAGGGGAGATAGAGAAGGGAACAGAAGGAGAAGGAAGGGGCAG GGGACAAAAAAAAGGGGGGGGGGGGAAGAGGAACCAAAAAAGGAGGAGG AGAGCAGGAGGAGAGAAAGAAAGGAACAGAAGACGAGGCCAGAGGGCCAA GGAAAAGAAGGGAGAAAGAAAAGGGGAAAAAAGGAGCCGAAAGGAACAAG AGGAGAAGAGGGAAGAAGAAGAAAGAGGAACCGAAAAGCAGAAGACCAGA G G G GAAAAAAAAAAAACAAAAACCCCAAAAAAGAGGGGGGTAAAGGACAG GGGGGACCGGAAGGGAAGGGGGCAGAGGAAAGGGGGGGAAAAGGAAGGA AAAGGGGGGTTAAGAACAGCAGGAGGGAAGAGGGAGAGAAGAGGAAGCCA AACGGGAGGGGAGACGGAAGGGGGAATGAAGGAAGGGAACAGAAAAAGG G GAACCCAAGACAAAGCGGGAAGGGAGGGGACGAAGACAGGAAGGGGATA G G G G GAGGGGGAGAAAAGGGAAGACATTAAGAAGAGGAAGAGGAGGAAA GAAAAGGAAACAGGGAACCCCAAAAAAAAAAAAAACCGGGGGAGAGGAGA AGGGGAAAGGACAAGGACAAGAGACGGAAAAGGAGCGGAAAAAAAGGAGC A G A G GAGAGGACAAGAAGGGGGGAAGGAGGACAGGCCAAAAAAGGGGAAA AATGGGGAAGGAGAAGGGAGAGAGGGAAAGGGGAAGGGGGAACGGAAAA G G G GCCGGAAGGGGGGAACCTTGGAAAAGGCCGGTTAAGGGGAAAAAACC G GCCGGGGGGGGCCGGGGAAGGCCAACCGGAAAAAAAACCGGGGGGCCG G G G G GAAGGAAAAGGGGAAGGCCAACCGGCCGGGGGGGGAAAAAAGGCC AAAAAAGGAAAAGGGGAAAAGGGGGGAAGGGGAAAAGGGGAAGGAAGGG GCCAAAAAAGGGGGGCCGGAAGGAAGGAAGGAAGGAACCGGAAAAAAGGG GAAAAAACCAAGGAAGGAACCCCAACCAAGGGGGGGGGGAAAAGGAACCA AGGAAAAAAGGAAAAGGCCAAGGAAGGAAAACCCCGGAAAAGGAAAAAAA

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AGCAGGGAAAACCAAAAGGGAGAGGGAAGAGAGGAAAGAGAGGAAGAGGA CCAGAAAGGGAGAGAGGGGGAAAGGAGGAGACGAGGGGGGACGGAGAAG GAGAGACAGGAAAAAAAAAGGGGGGCCAAGGAAGGGAGGCCAAGGAAACG ACCGGGGAAAAGGAAAACCAAACCAACGGAGAGAAGAAAAAAAGGGGAAA CAAGAGAAGAGGAAGGGAAAAAAGGAAAAGGCCGGAAAAGGGGACAAGGA C G G A A G G G G G G CA $\operatorname{l}$ GGGGACCGAAAAGGGAGGAAGACGGGGAGAAGGGG AAGGAAGGAACCGGAAAAGGCCGGAACCGGAGGAAGAGAGGGAGAGGGAA GGAAGGGGAAAGTAGAAAGAGGAGGAGGGGGGAAGGGACAAGCCGGAAG AAAAAGGTTAGAAAAAGGGGAAGATCAACAAGAGGACAGAGAAGGGAGAA GCAAGACAAACAAAAGGAAGGAAGGGGAAAAGGCCAGGGGGAAAAGGGAG GAAAAGGAAGAAGAAAGAGGGCAGGAAAGAGGAGGCCAGACGGAGGGGG G G A A G G G G G GAGGATTACAAGGGGGGGGGGAAGGGGGGGGAAACAAGGG G G G G G G G AAAAAAAGAGGAAGGGAAAAAGAGGACCACAGAAGGAAAACCG AGGAAGGAAAAAAGGGGGGCCGGAGGAAGCCCACCAAGGAAAAGGAAAGA CAGGGGGAACCAAAAAAAAAAAAAAAAGGCCGGGGGGGAGGAAAACCAAG GCCAAAAAGAGAAAGAAAAGGGAGAGAGGAGGGGGAGCCGGAAAGGAAAA A G G G G G ACAAGGGGGCCGGGGGGGAGGAGAGAGCAAGCAAGAGGAAGAC
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 A G G G G A A A A G G A A A A G G G G G GCCCCCCGGGGGGGGAAAAAAGGAAGGAA GGGGAAAAGGAAAAGGAAGGAAAAAGAACCGGGGAAGGAGGGCCGGGGG

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AAAAAAAGGAACCAAAAGGAAAAGGGGCCGGAAAAAAAACCCCCCAAAAA AAA G GAATTAACCTTGGGGAACCGGGGGGGGGGGGAAAAAAGGGGAAAAG GGGGGAAAAGGAAGGAAGGAAGGGGGGGGAAGGGGAAAACCAAGGAAGG AA G G G GAAGGAAGGAAGGAAAAGGAAGGGGGGAAAAGGGGAAAAAAGGA A G GTTAAAAAAAAGGGGGGGGAAGGGGGGAAGGAGAGGGGGGGCCAAAG A G G GAGGAAGAAAAAGCCGGGGGGCCGGGGAGGGGGAGGGGGAGAAGGA GAAACCCCCGAAGAAAGAACCCACAAAGGAGCCAAGAGACCCCAAGAGAG AAA $A$ G $A$ GGGGGAAGGGGAAGGGGCCGGAGAAGGGGGGAAGGGGAAAATT AAAAGGAAGGAAAAAAAAGGAAAAAAAAGGGGAATTCCGGGGGGAAAAAA AAAACCCCGGAAAAAAAAAACCCCAAACAGGAGAGGAAGGAAAAAGAGGG AAGGACAGCCGAGAAAAAAAGGGGGGGGGGGGCCAAGGAACCGGGAAGG AAAAAACAAAGACGGGGGGGAAACCAAGACCGGGGGGGGAAGGGGAAAGA GCGTAAACAGGGAGGGGGAAAAAAAAAGGAACCAAGGAATTGGGGAAAAG GCCAAGGAAAAAAAAAACCAAAAGGGGGGGGAAGGAAGGCCAAAAGGGGG GAAGGCCAAGGAAGGGGAAGGGGAAAAGGGGAAAAAAGGAAGGAAGGAAA AGGAAAAAAAAAAAAAAAAAAAAGGGGGGGGGGGGAACCAAAAAAAAGAG GGAATAAAAAGAGAGGAAAAAAACCAGGGGGAGAGGGAAGGGGGGGGGG AA G GAAAACCGGGGCCAAGAGAAAGAAAAGAAAGGGGACAGGCAGGAAGA AA GACCCCAGGGAAACGGGGAAGGCCACAGGGGGGGGGAAGGGGAAAAG GAAAAGAAAACGAGGAAAGGGGGAAGGCCCCGGGAAGCCGGTAAAAAGGG G G G G G G GCCCCAGAAAAGGCCAGAGCAAAGGAGGGAAGGAAAAGGGCACA GGGAACCAACCCAACACGGGACCTAAGAGAAGGAAGAGGAAGGGGAATTA AAA $\operatorname{l}$ GAGAGAGGAGGAGGGCCAGGAGGAAAAGGGGGGAAGGACGGGGGG AA $\operatorname{G}$ GAAAAGAGAGGGGGGAAGGGAGAAACCGGCCAAGGAGGGGGAAAATT AAACGGAAAACCGGAAAGGGCAGGGGAAGGCCAAAGAAGGAAAAAAAAAA AATTGGGGGGAAGGCCGGAAAAAAGGAAAACCGGAAAAAAGGGGAAGGAA AGAGGGGGAACCGGAGAAAAGGGGAAGGGGAACGAGAAAAAAAGGGAAAG AGAGGAGGAAAAAAGGAAAACCAAGGAAGAGGGGGGAACCAAGGAAAAGG GAAAGAAAAAAAGGGGAAAACACCAACCGGAAAAGGGAAGAGGAAGAAGA GGGGGGGGAACCGGGAGGAAGAAGCCAGGGAAACGGAGAGGGACGAGGG GAGGAGGAGAGAGAAAGAAAAAGGGAGAAAGAAGGCCAAACGGAGAAGGA G G G G G A A GAAAAGGAGGAAAAAAGGGGAGGGGGAGAAGGAAGGCCGGAA AAAGAGGGGGCCGGGGAGGGAGAAGGCCGGGAGGAGAAAAAAGGAACCA AGGAAAGGAAGGGACGGAGAAGGGGGGCCAAAGAAAGAGGGGAGGAAGG AAAACAAGACCCAAAGCCGGAAGGGGAAAAAAGGCCGGAAAAAAAACGAG AA $\operatorname{G} G \mathrm{GG} \operatorname{GCGA} \operatorname{CAACAAGGGGGGCCAAGGAAAGAGAGGGGGAGAGGGAGG}$ GACAGAAAGGAGGGGGGAAGGAACCAAAAGGGGAAAAGGCCAAAAGGGGA AAAGGAAGGGGAACCGAGGAGAGAGGACCGGGGAGACCCAAACGACCAAA G G GAAAAAGGGGGAGGGAAACAAAAAACCCCAAAAGGCGAACAGGCCGGA AAAGGGGAAGGAAAAGGAAGGAACCAGGAAGAAGGAAAAGGAAAACCCCG AGAAGGGGCAGAAAAGGCCGAGAGGGGGAGAAGGAAAACGGCCAAGGCCG G G G G G G G AAAACAAAACAGGGAAGGAAAGAAAGGGCGGGAAACAACAGAG GAAGAAGAAAAAAGGAAGGAAGAGGGGCCGGCACCAAGGAGAGAGGGAAG GAAGGAGGGGACCGACCGGAAGAGGAAAAAAAAGGAACCGGTTAAAAGAG GAGGGAAAAGGCAAAGGAAAGGGGGGGGACCAAGGAAGGAAAAGGAAAAA GAGGCGGGACCAAAGAAGGAAAAAAAAGGGAAGAGGAAAGGAGCAAAAAA GCCAGGACAGGAAAAGGGAGGACCCAGGGAGGGAGGAAAAGAGGAGGGA ACGAGAGGGAAGGAAGCCAGAGGGAAGGACGGCAAAAGGGCCCCAGGGAA AAAAGGGGGGGGAAAGGGGGGAGGGGAAAAAAAAAGGGAAAGGAGAAAA GGGAAGAGAGGGCGACCAAGAAGAAAGGGAGAAGGAAGGAAGGGAGGGG CAGGGGACAGGAGACAAAGGGAAAGAGGAAAAAAAAGGGGAGCAAAAAGG CCGGTATTCCGGGACCAAGGGAAAGGAAGGAAAAGGGGGGAGGGAGAAG G G G G G A A A G G G G G G GCCGGGAGGAAGGCCAAAAAAGGGAAGGAGGGGGG AGAGGAGGGGGGAAAAGGCCGAGGAAGGAAGGGAAAGGAAGAGACCGGG GAAGAAAAGAGAGAAAGAAAAGGGGAGACGGAGCAAAAAGGAAGGAAAGA GAGAGACGAGAAGGGAAGGAAAAGGGGAGAAGGAAGGGAAGGAAGGAGG AAAGGAAGAAAAAGAAGGGGGGGACCCCGGAGGAAAAGGAAGACACGGGG AAAGGAGAGGGAGGCCAAAAAGAAGGAAAGGAAAGAAAGAAGGGCCCCGA GGCCGGAAAGAGGGGGGGAAACGGCAAAAAGGCCAGGAGGAAGGGGAAC CGGAAAAGAGGAAAAGAGGGACCAAGGCCCCGGAACCAAGAAAGGAAGGG AGAGAAGGAAGAGGAGGAGAAGGGACAAGGAGGCCGGGACAAAAGGAAAA

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AGGAAGAGAAAGGGAGGAAAAAAGGAAAGGGGAACCAAAGGGGGGGAAG GCAAAAGGAGAAAAAAAAGGGAGAAAAGGGGAACCGGCCAAAAGGAACCC CAGGACACCGATAAGGACAGAACGGGAGGGGGGGGGGGGAGGGGGCAAG AAGAGGAAGACCCCAAGGGGGGGGGGAAAAAAGAGGCCCAGAAGGAGGGA GAGAAAGGGGAAGGAAAAAACCAACCAAGGGGGGGGCAAGGGAAGAAAGG AA $\operatorname{GAAA} \operatorname{A} \operatorname{G} \operatorname{GAA} \mathrm{A}$ GAGGGAAGGGGAGCAGAACGGAAGAACAAGGGGAGACC AA $\operatorname{GGGGCCGAAGCAGACCGGAAAAGAAAGGGGGGGGAAAAAAAAAAAAGG}$ CCAAAGGAGGAAGGAACCGGGGAAAAAAGGAAGGAAGGAAGGGGAAGGG
 AAGGCCGGGGAAAAAAGGAAAAAAAGAGGAAGAAAGAAGGGAGGCCGGAA GGAAGGGGCAAGGAGGAAAGACCACCCCGAGAGGAGAGAAGAGAAGAAGG AGAACAGGCAAGGGGGAAAGAGGGAAGAAGAAGGCCGGAGGGAGAGAAG GAGAAAGAAGAGAGGGGGGGGGGGGGGTTGAAACCCCAGCCGAGAAGCC GAAAGGGGGGGAGGAAAAAAGAGGAAGGGAAGGGAAGGAAGGGGGAGGG GGGGGAGAGAAAGGGCCAGCCGGGGAGAGACGAGGACAGAACAGGGAAG GGCAAAAGGGGGGGAAGGGGGGGGCCAAGAGGGGAGCCGGGGCAAGCCA GCCCCGGAAAGAGAAAAGGAGAAAAAGGGAAGGGAAGGGCGAAGGGGCGA AA GAAACGGAAGAAGAAAGGAATAAAAGAGGGGGGGGGGAGAGGAGGGA G GAACCGAGGGGAAAGAGGAAGAGCAAAAACCAAAGGGGAACGACCTAAG G GAAAGGGACGAGACCAAAACCCCGGGGAAGGAAGGGGAAAAGGCCAAAG AAAGGAGGGAAACCAAACAAGAAGGGGGGAAGGGGGGGGGGAAAGAAAG GCCAA G GCAAAGGGGAAAGAAGGAGGGTACGCCAAGGGGAGGGAGACCCC CCCAAAAAACAGAAAAGCCAAAAAAGGAGATGGGGAAGGGGAAAACCGGC CAAAAAAAACCCCGGGGGGGGGGGAAGAAAGGGGGAGAGAGCCCCAGAAC AA $\operatorname{GAA}$ A G G GAACCCAAGGGGGGAAGCCGAGAGGGGCCAGGGGAAACCGAC CGACCAGGGAAGCAAGGCCAAAGAGAGGGGGGGAAGAGGGAAAGGAGCAA GGGAAAAAAGACAAGGGAGAGCAAACAGGAAGAGGAAAAGGTTCCGGGGC CCCGGAAGGAGCAGAAGGGAGCCAAAAGGAAGAAAAGCGAAGGAAGGGAA A G G G G G G G GAGGGAAAAAAAAAACAAGGGAAAGAAAAAACGAAGGAAAGG GGGAGAGGAGGAGAGGGGAGGAAAAAAGAGGGAGAGAAGGGAAAAGGAA AGGGCCAAAAAGGGCCCAGAGAGACCAGAGGGAAAAAAGGAGGGCAAAAG CAGAAAGGGAAGGGGGGAGACCAAGGGGAAGGAGCCGAGAGGGGAGAAA GCAACGAAGAGCACCAGGAAGGGGGGGGGAAAAGGAAAACCCCAAGGGGG GAAAAAGAGGAAAGGGGGGGGAGGAAAAGAAAAGAGAGGTTGGAAAAGGA GGGCCCCAGCCAAAAAGAAAAAAAAAAGGAAGGAAGGAAGGGGAAAAGAC CGGAAAAAACCAAAAGGCCAAGAAAGAAGACCCCCGGGGGGGGGGGGAAA ACCAGGGGGAAACGAAAACGAGGGAAAAGAAGGAACCAAGAGGGGAACGA GAAGGAGAAACGAGGCCAAGGGGAAGGGGAGCAAAGGAGGGAAGGAAAAA AA G CCGAAAGGGAAAGAAAGGAACCGGGGGGGAGGAAGGCAAAGGCCCCA GAAAAGGAAAAGGGACCCAAAACGGGGCCGGGGGGAGGAGGAAGGAGGG GGGGAGCAACAAAGGGGAGAGAAGAGAAGGCCAGGGAAAACCGGAGCCGA G GCCGAGCAAGGGGGGGGAGAAAAGGGGAAAAAAGGAAAAAAACGGAGGA A GA $\operatorname{l}$ GGAAAGAGAGGAGGAGAACCGAAGGGGGAAGGGGAGGGGAGGGGG GAAGAGAGGAAAAGAGGAGGAGACAGGAGGAAAAGAGGGAAGAGAAGGG AA $A$ GGAGGAGGGAGAGAGGGGGAAAAAAAAGGCCGGGGAAAAAAAGAAGA AGGGAAGAAGGGCCGGGGGAAACCGGAGGGAAGGCCAAAAGGAAGGAAG GAAGGGGAAAGAAAAAAAAAAGGGGGGGGGGAAGGAACCGGGGCAGGGG GATAGGAAGGAAAGGAGGGGGGACAAAAGGAAAGAAGGGACCAGAAAACC AA $\operatorname{l}$ GGGGGGGCCAAGGAGGGGAGAGGAGCACCGGAAAGAAAGAGGGGGA GAA G G G GCCGAGGAGGGGGAAGAAAAGGAAAGGGGGGAAGGAAGGGGAA AACCAAAAAAGGGGAAGGGGCCCCAACCAAAAGGGGGGAAAAAAGGAAGG TTAGAACCAACCAAGGGGAAAAGGAGGAGGAGGGGGAAAACCGGGGAAAG G GAACCAAGGGAGGCAGAAGGGCAAAGGCAAGAAGGGGGAGAATAGAAGA AA $\operatorname{GAGATAAGAAAGAGAAAAAAGGCCGGGGGGAGGGGGGAGGGGGAAAA}$ AAAAGCAGGATACAAAAGGCCGAGGACAGAGGAGGGGAAAGGGAAAAAAG AGAGAAGGAAAAGAAGGCCAAGGGACCGGGGGGAAAAAAAAAAGGAAAAA GAGGGAA GAGGGGGGGAAAAAAACCGGAGCCGGGGAAGACCGGAGAAAAA AA $\operatorname{G} G \mathrm{G} G \mathrm{G} C \mathrm{G} G \mathrm{G} A C A G A C G G C A A A A A G G G G G A G A G A G A A A G G G G G A A G A G$ A G G A A A A A G GAGAGAGGGGGGGAAGGGGAAGGCAAAAACAAGGGGGAAA ACCGGAAAACAGGGGGGGGAGAGGGGGGACCGAGAAACCAAGGAAGAAG GGAAAGACAAAGAAACGGCCAAAAGGGGAGGGGGAGCAGAGGAGAGGGG

G G GAAGGAAAACCCCAGGAGAGGAAAAAAAAGGAACCAATTGGGGGGGAC AAAGAGGCCAGGGCCAAAAAAGAAGGGCAGAAAAAGGGGAGGGAAGGGGG G G GAA G GAGGCGGGGCAGAGACCAGCACAAAGGGGAAGAAAGAAAAGAGG GAAAGGGCACCACAAAGAAAGGACCGGAGGGAACAAGAGAGGGGGAAGGC CAGGAGAGGCAGGGGGGAGGAGAATAGGGAGGGAGATGGCCAAAAGAGA GACAGAAGGGAAAAAAAAAAAACCGACAAGAAAAGGAGAGAAAGGGGGAA GAA G GAGGGGAACCAAAGGAAAGGGGGGGGGGGGAGAAGGGGAAAAGAA AAAACAGGGGAGGAAGGAAGAAAAGGGGGGGGGGGCCAAGGGAAAAAGG ACAGAAAAAGGGCACAAAAGGCCAGGGAGCACAAAGCCGGGGGGCCAAGG G G G GAA G GCCAAAAGGAAAAAAAAGGGGGGCCGGGGGGAAAAAAGGGGA ACCGGGGGGCCGGAAGGAAAAGGAAGGAAGGAAGGGAAGAAGAGGAAAAA AAAGAAGAGAGAGGGGGAGGGAAGAGGAAGGAAGGAAGAGAACGAGAGG GGAGAGGGGAAGGAAGAAGGACCAAACCGGAGAGAGACGAAGAAAAAACA CAGAGGGGAAGGAAAAACAGGGAAGGAAAAGAGGAAGAGGAACCAGAAGG GAACGAAAAAAGGGGAAAGGAGACGAGGAAGGAGGGGAAAACGGGGGGA AAAGGAGAAGGGAAGAAGGAGAACCGGGGAAAAAAAAAAAGGGGAGGAGG GAGGAAGAAGGGGGAAAGAGGGAGGGAAAGAGGAAAACCTAGACCAAACA
 G GAAAACCGAAGGGGGGGGGCCAGAGAGAGGAGGGGAGAGAAAAGGGGA CGAGAAACAAGGGAAGGAGCCAGAGGGGGAAGGAGCAGAAGGGAAGAAAG A GAA G G GAGGAAGGAAGGACCAGGGAAGGGGGAAAGGCCAAAACCACGAG AGAAGGGAGAGAAGGGGAAAAAGAAAAAGAGAAAGCACCCAAAACGGAAA G GAAAGGGGACCAAAAAAAGGGGAAAAAAACACCAGGAGAGAAGGGAAAG GGGAAGACCGAGGAGGGGGGGAAGGAAGGCACCGGAAAGGAACGGGGGG A G G G A G G A G GAGGGGGAGCAGGAAAAGGAGAGGAAGCCAGGGGGGAAAG GAGGAAAGGAGGGGGGAGGGGAAGGGGAAGGAAAAGAAGGGGAGGGAAA AGGAAGGACAAAGGGGGAGACCACGGGAAACACCAAAAAGAGAAAAAAGA GAGGGAAGAAGGGGAAAAGAAAGGAGTTATAGCGGGGGCCGAGGAAGGC CAAAAAACCGGACGGGAGGGACCGAAGAAAGAGCAGGAAAACCAAAACCG GAAGAAGGACCAGCCAAAAGGGAAAAGACGGGAGGCAGGGAACGACCGAA GAAGAGGGGAGAAAAGGTTGGAACCAAAAAAAAAAAAAAACAAGGAAAAA AAACCAAGGAAGGAAGGGGGGAAGGGGAAAAAAAAAAAAGAAAAAGGAAA AAAAAGGGAAAGGAAGAAGCCAAGAAGGGGGGACCGGAAGGAGAGCCAAG GAGAAAAATGGAGCCAAAGGGCCGAAACCGGCCGGGGGGAAGGAAGAGAA GCAAACAGGGGAGGGGGGGCCGGAATTTAGAAAAGAGCCGGAAAGGGGG AATTAAACGGGAGGGGGGGGAAGAGAGGTAAGAACCAAGGACGAGGCCGA A G A A G A G G GCGAGGGGAAGGAAACGAAGGGAAGGAAGAGGGAGGAGAAG GAAGGGGAAAAAACCGGAAAAGGGGCCGGGGAAGGGGAAAAAAAAGGAAG GGGACCCGGGAAGAAGGAACCAGAAGAGAACGCAAAAAAGGAAAAAAAAA AAAAAGAGAGAAAAAGAAGAGAGGGAAAAGGGGTACCGGAAGGAATAAAC G GAGACCAAGGGGAAAGGAAGAAAAAAGGAAGGGAAGAGAAGGAACCGGA AAACCGAGGGGGCAAAAGGGGAAAAGGCAAGAGGAAGAAGGGGGAAGGG GCAAGGAAAAAAAAGGAAGGAACCGGGGGGGGAAAAAAGGGAGGAAAAGG GAAGGGAAGGAGGAAAGGGGAAAAGGGGGGAACCAACCAGAGACGGCAGC GACCGGAGAAGAGGCGGGACGAGGGGAAAAAGGGGGCCCCAACAAGAAAA CCGGAAAAGAAGGGGGGGCCAAGGGAAGGAGGAAGAAGAAAAGGGGCCCC GAAAGGGGAGAGGACCAACAGAAAGAGAAAGGGAAAAAGAGAAGCCAGAG GGAGAAGGGACAAAGAAGAGGGGACCAGACGAGGGAGGGGGGAGGAGCA CGCAGGAGCAGGGAGAGGAAGAGACCACAGGCCAAGGAAGAAAAGAGGAA GG GAAGGAAAAGGCATACACCAAAACCTAGGAGAAAAAACAGGAAAAGGG G G GAAAGAAACCAGGGGGGCCAAAACCAAGGCCGGGGGGAAAAGGAACCA A G GAC GAGGAAGGGGAGGACCAGAAGGGAAGGAGGGGAGAGAGCCGGAG G G ACGAGAAGAGGGGGAAAAAAAGAAAATTAAGGGGGAAGCAGATTAAAA AAGACCCAAAGAAAGAAACCAACCAAAAGGGGGGAAGGAAAAAGGAACGG GGGGCATTGGAAGAGGACGCACAAAGAAAGTAAAAAGGGATTAAACAACC AAAAAAAAGGGGAAGGGGGACAAAGGGGAAGGAGAAAAGGGGGGGGGGG GCCGGAAGGGGAAGGAAAAGGCCGGAAAAAAAAAAGGGGGGCCAGAACCG GAAAAAACCAAGGGGAAGGAAAAAAAAAAAAAAAAAAAAAAGGAAAAAAAA CCAAGGGGAAAAAAAAAAAAAAAAAACCAAGGCCGGAAGGAATTAAAAGG AAAAAAGGAAAAGGAAAAAAGGCCCCGGGGGGGGGGCCGGAAGGGGGGA AGGAAGGAAAAAACCGGGGAACCCCAAGGAACCGGAAGGAACCGGAAGGA

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AA $\operatorname{l}$ GGAGGGGGGCAAGAGGACCGGGGCCAGAAGGGGAAGGACGGGGAAA ACCAAGGCCCCAACAAAGGAAAAGGACGGGGAGAAAACCAGAAAGGGGAG AAGCCGGAAGAAAAGGAAGAGCCGGGAGAGGAACAAGAGAAGGGGGGAGA CGAGGGGGGAAAAAGAGAGGGGGAACCGGAGAAAAAAAAGGGGGGGAGG GACCGGAGCCGAGGAAGGGGGAGGGGGGAAAAAAGGAGGGGGGGAGAGA GCCGGACGGGGGGGGAGGGAAGGGGGGAGGGGGAAAGAAGGGAAGGGGG AAAAAAGGAAGGGAGAAACCTAAAGAGGCCAGGGGAGGAAGGGGAAAAGG GGGGCCAGAAGGGGGAGGAAAGGGCAGGGGAAAGGGGGAGGAGGAAAAA AGGAGAAGAGGGAAGGAGAACGACCAAAACCGGGGCAGGAAAAGGGAAGA AAAGAGGCAAAGGTTGAAGAGAGGAAAAGGGCCCCGGAGAGAAAGAGAGA GCAAGGGGGAGGGGGAGAGGGGGCAAAGGACAAGGGAGACCAGGACCAG AAAAAAGGGGAGAGGACCAAAGAAGGACAAAAAAGGGAAAAGCAAGCAAA GGAGGGAGTTAGGGGGAAAGGAAAAAACAGGGAACCGGGAAGGAAGGGG AGGAAGGGGGGAAGGGGAAAACCCCAAGGAAAACCAAAAGGAAGGCCGGA AGGCCAACCGGAAAAGGAATTAAGGCCAAGGACAGAGGGGAAAAGAGGGG GGAGGGGACGGAAAGGGGAGAAAAGAAGGCCAAGGGGCCGGAAGGGAGG GGAGAGAAAACCGGGGAAGGGGAGGAAGGGGGAAGGGAGAAAAAGACAA CGAGAGGGGAAGGAAAAGGAAGGGGAAAAGGAGAACAGGGGGGGAAAGA AAAAGGGGAGTTAAGGGGGGAGGAGGAAGGAAAGAGGAGGAAAAGGAGA AAAAGAAAACGACGGAGAAAAGAGGCCCCGGAAAAAAAAAAGGAAAAAAG AGAGGAAGGAAGAGAAAGGGGGGGGAAAAGAACAGGGGACAAAAGGGGG GGGAAGAGAAGAGGAAAAGGAAAGAACATATTGGAGCCACCAAGAGACGG GGAAAACCGGAAAACCAAGAGAGGGGGGCCGGAACCAACCGGGGGGAAAA GGAAAAAAAAGGGGAACCAACCAAGGAAGGAAGGCCAAAAGGGGGGAAAA AA GGGGAAGGGGAAAAGGGGGGAAAAGGGGCCGGGGAAAAAAGGAAAAG GGGGGAAAAAAAGAGGGGGGGAAAGAGAGGAGAACCCGAGGAACCGGCC GGAAAAAAAAGAGAAAAAAAAAAAAGAAGGGGGGAAGGGAGGGGAAAACC CGAAGGGGGAAGAAGGAAAAGAAGAACCGGAAGGAAGGGGGGGGGGGGA AAAGGACAGGGGGGGAAGGGAAGGACACCGAAAAAGGCAGAAAGAAAAAA TGGGGAAGGGGGGGAGGACAAAAAACAGGCCGGACGGGGACAAAAAAAAA AGAGGGGAAGGGGAAAAGGGGAGGGAGAAATGGACCAAAAAAGACGAAAA AGGGGAAGGCCAGGAAAAAAAAAGGAATTACGAGAAAAGGAAGGAAGAGC CGAGGGCCCAACCGGGGAGAAGAGGGACAAAGGAAGGAGGAAAAACCAGC CAGAAAAGGAAGGAAAAGAATAAGGAGCAAGACAACAGAGGCCAAAGGGG GGGGAGCACGGAAGAAAAAGGGGCCGGGGAGCGGGGAAGGGCCGAAAGA GGAAAAGAGGGGGAGAGAAAAAAAGAAAAAGAGGGGCCAAGGGGCAGACC AGCAAGAGGGGGGGGGACAAAGTAAAGGCCAAGGGAAGAAGGAACCGGAA AAAAAAAAAAAAGGAAGGCCAAGGCCCCAAGGAAAAAACCAAGGGGAAAA AAAAAAGGAAGGAAAAGGAAGGAAAAGGGGGGAAGGAAAAAAAAAAGGAA AA G G G GAAGGGGAAAAGGAAGGAACCGGCCGGGGAAGGAAGGGGAAAAA AAAGGAAGGAAAAAAGGCCAAAACCCCCCGGCCAAGGCCGGGGAAGGAAG GCCAAGGGGAAAAAAGGGGAAGGGGGGAAGGAGGACCGGGAAGAGGAAA AACCAAAAAAGGAAAAGGCAGGAGGGGGAGGAGAAGGGAAAAAGGGGGCC AA G GAGGGGAAGGGGAAAAGAAGGGGAAGGAAAACGAGAGGGGGGGAAG GGGCAGGGAGGAACAGAAGAGAAGGACCGAAGGGGGGAACCAGGGGGCA GAGACCATGAGGAGAACCAAGGAAAAGGGGGGAAGGAAAAGGAAGGAAGG AAGGGGAAAAGGAAAAGGAGATGAGGACGAAGCAAAAGAGGGCCGGAAGG GGAAGGGGGGAAAGGGAAGGGGAGGAACAGAGGAGAGGAGCAGGGAGAG AGGGAGAGAAGGGAGGGAAAGAAGAGGCCGGGGGGGGGGGAAAGGAAAA GGAGGGGGAAGGCCGGAGAGGGGAAAGAAGGGCCAAAAGGAGAAAAAAG GGGAATTCCAAGAGGAGGAGGCAGGGGAGGGAAGGGGAGAAGGAAGGAA GGAAGGAGAAGGCCAAGGAAGGGAGGGGGAGGCCGGAAGGAGGACAGAA ACCGGGGGGAAAGAACAAAGGAAAGGGAAAAAAAACACCAAAAGAGGGAG GGGAGAGGGGGCAAGGGAAGAGGGGGAAGAGCAGGGGAAGAGGAAGGGA AGCAGAAGGAGGAAGGACGGCCAAGGGGGAAAAGAAAGAGGAAGGAAGGA CCGGGAGCAAAAGGAGGGGAAAGGAAAAAAGGACAAAAGGAAGGGAGAGG GAAAAACCTTGAGGAAAAGACCAGAAAGAAAAGGACACAGGGAGAAGGAA CCAGACAAAAGGAAGAAGGGAGGGGGGAAGGGCAAGGAGAGAGGGGAAA AAGGAGAAAAGGAAGAGGGGGGAGGGAACGCCCACCCAAGAACGAGAGGA AAAAGAGCCGGAGACAAGGAAGGAGAGAGGGGAATAGAGGAGGGAGGAG GGAGGGACCCAGGAAGGACCAGGGGACCGGAGAAAACCGGGGAACCGGAA

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CGAGCAGAAGAAAAGGCCAAGGAAGGGGCAAGCCAAAGAAGACCGGAACC AAGGAAGAACCACCGGAAAAGGGAGACCCCCCGAAGAAAACAAAGGAGGG AA $\operatorname{l}$ G GAACGAGGGGAAGGCAAGGGAAGGACGAGGGGGGAAGGGAGGAGA GAGGAGGGAAGGGAAAAGGAAGGAGAAAGGGGGGGGAAGGGCAGGAAAA AGGGAAAGGGGACCAGGGGAGAAAACAAGGAAGGCAGAGGGGGGAAAAA GAGGAAGAGAAAACCGAACAGAAAAGGAGAAGGGGAAGGTAACGGGGGGG G GAAGGGAAAGAAGGAAAAGGGAAGAAAAGGAACCCCGGAGGAGGAGGGC AGGAGAGGAGGAGAACCCCGGAACCGGGGCCGGCCAAAAAAAACCGGGGG GAAGAAGCCGGAGAGAGGAGAAAAAAACCGGGGGGCCGGCCAAGGGGCCA G GAAA G GAGAAAAAACAGAGGAGAGGGGGCAGGAAGGGGAAGGAAGGGG AAAGGGAGGAGGGGCCAAAAACGGGGGGGAGGAACCAAAGGGGGGGAAG GAGGAAACGAGCCGGGGAAGGGGAGAAGGGGCCAGAGAGAAGGAACAAAA AAAGGGGAGAGGGCAGAGGCCGGAAGAAACCAAGGAAGGGGGGGGAAGG G G G G G G G G G G G G A A A GAA G G G G G G G G G G G GAA GAAACCGGCCAAGGGAA GGGACAAAAAAAAAAAGAGAGAAAAAGAGGGAGAGGAAGGAAGGGAAAAG GGGAAAAGGGGAAGGAAAGGAGGGGGAGGAAGGGAGGAAAGGAGACCGG GAAAGGGAACAGAAGGGCCAGAGGGGCCAGCCAGGGAGAAAAGGCCGGGA GAGGAACCAGGGGGGGAAAAAAAACAGGGGAAAAAAAAGAGGAGGGGGAA GGAAAAACGGAAGGAGAACACCAACCAAGAGAAAGGGGAAAGAAAGGGCC AAAAGGAGGAAAAAAAAAGGGGAAAACCGGAGAGCCATGGAATTCCAAAA AGGGAAGGCAAGCCAGAAGGGGGAGAGGAAAAGGTTGGAAGGAAAAGGG GAAAAAAAAAAGGAAAAGGGGAAAAGGGGAACCAAGGAAAGGGAGAGAGG GGGGGGAGAGGAAAACCACGGGGGAGGAAGGAGGGGACAAAAGGGAGAG GGACCCGGGGAGAAAAGAGAGGGAAGCCAAAGCCCCCAACAAGGAAGGAA G GCCCCAAAAAAAAGAAAGGGGCAGGAGGGGGAGAACCAGGCACAAGGGG AAAAAAGGAAAAAGGGGGAAGGGAGAGGGAATGGCCGAAAAACAGGAACA AAGGGGCCGGAAGGAAAAGGAGAAGGCCCCAAAAAAGAGGAGAGGAAACC CCAGTTTTGGAAGAGGAGGAGGGCAGAAGGGGAAAACCGGAAAACCGGAA GGACAAGGAAAAGGAAGAAACCGGAACCCAAAAAAAGACGGGAAAGAAAA AAAGGGAGCAAAAGGGAAACGGAAGAGAGAGGAAAAGGAAAAAAGGAGAA GGGGGGAAAAAAGGAAAAAAAGGGAAAACCAAAGAGCCCATAGAGGAGGG CAAAAGAGGAAGGGGGAAAAGGAAGGGGAGAGAAGGGAAGAAAGGGAAAA A G GAA $\operatorname{l}$ G G G GAGGGGGCCAGGGAAGGGGAGTAGAAAAAAAGGGGAAGGA AA GAACCAAGGAAAGGAAAGGGGAGGGAGGGAAAAAAAAAACCAAAGGGG GCCGGAGAACCCAGGGAGGGAGGAACAGAAGGGGGGGAGGGGGAAGAGG GGGGACGAGAGGAAGGCCAAAAGGAAACGGAAGAGGAAGGAGAAGGGGA GAAAAGGAAGGAGAAGGAGAGGGAGGGAAGAGAGAAGAAGGGGGAGAAA AGGAGAAGGGAGCCAGAAGGAAGGGAAGATAACCAAGGCCGAAGCCAAAG CAAAGAAAAAAGAAAGAGAGGAGGAGGGGGAAACAAAAAAGGGAAAGGAA CCGGAGAAGAAAAGAGCCAAAAGGAGGGAAGAAAAGGGAAAGGGAGACAA GAAAAGAACAGGAGGGGAAGGAGGGAAGAGGGGGAGGACAAAGGAAAAAA G G G G G G G G G GAAAACCACGAGAACAGAAAGCCCCAGAAAAAACCAAGGGA AAAAGGGGGGAAAAGGGGGGAAAAAACCCCGACAGACCGGAACAGGACGG AGAAAAAAACGGGGAAGGCCGGAAGAGGAAGGGAAAAGACAAGGGGGGAG GGGGGGGGGGAAAGAAAGGAAGAGAGGAGGAAAAAGGGAAGGGAGAGGT TAAAAAGAGCCGGGGAGGAAAAGGAGGCAGGAGAAAACCGGGAAGGGAAA ACAGGAAGGCAAGATAAGGAAGGGGCCGGCACAAAAGCCGGCCCAAAAAA AA $\operatorname{A} A G G A G A A G G G A A C A G G A A G G A G G G A A G G A A A G G A G G G G C C A G A A A A A$ GAAAGGGAAAAGAAGGGAAAATTAGAGGGGGAGAAAAAGAAAAGGAAAAA AGGAACCAAGGGAGGAGCCGGGGAACAAAAAAAAGGGGAGAAGCCGGGGG G G G AA G GAAAACAGACAACAAGGAGAAAAAAGGGGAAGGAGAAAAGGGGG GGGCCAAGGAAAAGGGAGAGACAAGAAGGGGAAAAAAGGCCGGGGGAGA G GAACCCCGGAGGGAAGGGGGGGAGGAGCACCAAGGAAGGCCGACCGGC C G G A G G AAA G G G ACCGAAGGGGGGGTTAAGGAAAAAAGGAAAAGGAAGGA AGGAAAAAAAAAAAAAAGGGGGGGGAAAAGGAACCAAAAGGCCGGAAGGG GAGGGCAGAGAAGAACAAAAAAACCGGGGGGACCCAGAGAGGGACAGGGG AA G GAAAAGAAAGGAAAAAACAGCCGGGAACGGGGGGAAAAAGGGCAAAG GAAAGAGGGGATTGAAAAAGGCCGAAGGGGCAGAGGGCCGGCAGGAAGAA AGACCAGAAAAGGAGGGGAGAAGAGGGGGGACCGGGAGGGGGGGGAGAA GGAGAAAAGAAAGGAAGCGAAGAAAAAAGGAGGGGAAAAAGGGGGAAAAG GGCCAGGAATAAGAAAAAGAAGGACCGGCAGAGACCAAAAGGAGGGAAAA

G G GAAAAGACAAGGGAGGGGACGCGGGGAACCGGGGACAAAAGGAACCGC CAAGCAGGACACGGGGAGAGAAAGACAAAGAAGAGGCACAGGAAGGAAGG G G G A GAGGCCGAGGGGACAAGACCGGGGAAGGGAGAAGCCGGAGAGGCA AGGCCGGAAAAGGAGAAGAGGCCGGAAAACCAAAGGGAGGGGGAAGGCCA A GACCCCAAACGGGAAAAAAGGGGGGAGGGGAAGGGGGAAACAGAGGAG G G G AA GCCGAAAAAGGGGAAAAGGGGAAGGAAAAGGAAAAGGCCGAAAGA GCGGAAGAAAAGGAAAGGGGCCGGAGAGGCGGGGAAGAGGGGGATTAGA A G G G GAGGGCACAGGGGAAGGAAGGGGAACCAGGGGGAGGGAAAACCCA GGGAAAGAGGAAAAGGGGGGAAGGGAAAGAGGGAGGAAGGAAGGAAGGT TAAGGCCGGAAGGGGGGAAAAAAGGCCGGGGCCGGAAAAGGAAAAGGGG GGAAAAAAGGAGGGGGAAGGAAGGAAGGGGAAAAAAAACCCCAAGGGGGG AAAACCCCAAGGCCGGGGTTAAAAAAAAAACCGGAAGGAACCAACCGGAA AAGGAAGGGGAAGGGGAAGGGGCCGGGGCCAAAAAAAAAGAGGGACAAG GAGAAAGAAAAGGAGGGAGAGGGCAGCGAGAAAAGAAGGAGGAAAAAGGA GAGAAGGAAGGGGAGAGGAAAAGCAGGGAGGAACACCGGACAGAGGAGA GAGAAAAAGAGGCAAGACAAAAGGGAGAAGGAGGGGAGACGGAAAAACAG A GAGAAGAGGGGCCAGGGAAGGAGAAGGGGAGGGAGACGGGGAGAAGGA G G G CAA $\ln$ A $\ln A A A A A G G A A G G G G G A G G A G A G A A A C A A G A G A A A A A G G G G G$ GCCAACCAGAGGGGGGGAGGGGGCAAAAAGGAAGGCCAAGGGAAGAAGG AAGACAAAAAGGGGAAGACCCCAAGAAAAGAGAACCGACCGGGGAAGGGA G GAAGGAAGGGAAAAAGAACGAACGGGAAAAAAGAGGGAAGGAAAAGGGA AAAGCAAGAGGGGGGGAGCAAGAATTAAGAAAACAGAGGGAAGGAAGAGG GGACGAAAGGAAGGGGGGGGGGCCGGCCAAGGAAGGAAGGAAGGGGAAG GGGAGCAAAAAAAGGAAAAGGAAAAGGGGAGGGAAAGGGGAGGGGCCGG G GACAAGAAAAGGGGGAGGAACGGGGAGGACAGGAGAGAAAAGAGG $28118000-9$ GAGGGGCCAGGGAGAGAAGGGGGAAAGAAGAGCAAAAGAACC CCCCAAGGGGGGCCGGGAAGGAGGCCGAAAGGAACCAAAAGGGGAAGAGG GACCGGGGGAAGACGGAGCCGGAGGAGGCCAAGGGAGGAGGAGAAGGGG GGGCCGGAGCAAGGGGGAACCGAGGGAGGAAGGACAAAACCGGGGAAAAA AAAGGGGGACACCAAACGGACCAGGGAAAGGAGAAAAGGGGGGCCGGCCG G GAGGAGAAGGGGGGGGGGGGGGGAAAGGGGGCGAATAGGAAGGAGGAA AAAAGACCAGGAAAAAAGAACCAGGGGGCAGGCCAGAAGAAAGAAAAAAG GAAAAAGGGGAAGGAAAGCCAGGGGGAGGGCCGGGGAAAAGGGGAAAAG AAGGAAGAGCCAAGCAAAAAAGGGAGGAACCGGAACCACGGAGAAGGGGA AGGCCAAAATTAAAGAAAAGGGGAAAACCAAGGAAAAAAAATTCCGGGGC CGGGGCAAAAGAAGGGAAAGAGAAAAAGAGAAAAAGGCAAAACAGAAGAA GAAAGAAAGAAAGGGCAAAAGGGACGGAAGGAAAACCGGAAAAGAACGAA CAGCCGGCAGGAAAACAGGAAAAAAGGAGGGGGAGAAGAGGGAAACCAAA A G G G G GAA $\operatorname{lnc} C \mathrm{G}$ GAAGGAAAAAAGGGGGGGGCAAGAAGAGGAGAGGACC AAAGCAGAGAAGAACAGAGGAGAGAGAACCGCGGAGGGAGAGGAGGGGA GAAAGAAGAAAAAGAAAAAGGAAGGGGCCAAGGGAAGGGCCGGTTGGGGA AAGGGAAAAACGAGAAACAGAGAGGAACATAAGCCAAAAGGAGGGGCGAG AAGGGGAACCCGGAGAAAGGACCAGAGAAGGAGCCAACCAAGGCCGGAAC CAAGGAAAAGGAAAAGGAGAACAGAAACAGGCAAGGAAAGGGGGGAAGAG GGGAAGGGAGAGGGGAAGACCAAGGAAAAGAGGAGCCCAAAGGAACCGAA AAACCGGGAGGAACCGGGAAAGGGGAAAGAGAGACAGGGAAGGAAGGAAA AAAACAAGGAAAAAAAAGAAAGGGGAAAACCGAGACAAAACGGAAGGAAG GGGGGAAGACCGGGAAAAGGGCCGGAAAACCAAGGGAAAAAAAGGAGGAA CGAGAGAAAACGGAAGGAGGAGGAAGGGGAAAGGGAGAGAAAGAGAACCA GAAACAAAGAGGAGAAGGAAGAAGACCGGCCCAAAAAAAGGGGGAAGGAC CAAGAACAAAGGGGGCCAAAAGGAAAACCAAGGAGGAGGAAAAGGGAAGG GAGGGAAAGGGGAAAAGCCAAAAAAGGAAGGGGGGGGAAGGACGAAGAG AAAAAACAGAGAGGGGAAAACCGGAGGGCCAAGGAAAAAAAAGGAAGAAG AGTAAAGGAAGGAGAGCATTGGCAAAAGGAAAAAAAGGGGAAAAAAGAGA AGGGAAAACCGGAAAAGGGGGGAAAAAAGAGGGGACGAAGGGAGCAGGAA CCAGAGAAGGCCGGGGGGAAGGAGCCAGCCAAGGGGCCGGGGAAGGAAG GCCGGACGAAAGAACCCAACCAAGAAGGGGAGGAAAAGGAAAGAGGGAAC AA $\operatorname{GAGGGGGTTAAGGGGGGAAGAGGGAGGAAAAAAAAAACCAAGGAATAG~}$ A G G GAA $\operatorname{l}$ GGGGGGAAGGAGAGAGCAGGAGGAGGGGAGAGGGAGAAGGAA AAAAGGAAAAAAGGAACCGGCCAAGGAAAAAAAAGGGGGGGGGGGGACAG AGGGGAAGAAGAAAGAGACCCCGGGGGGAGAACCGGGGACAAAAGAGGAG

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AAGAAGAAAGGGGGGGAAGGGGGGACAGAAGGCAGAAGAAACGGCGACG GGGAAAAAAGGGGCCGGAAGGGGAGAAGGAAGGGAAGGGAAGGAAAAGA AAGGGCAGGACCGGGGCAGGAAAACCAACCAAGGCCGAGAAAAAGGGGGG AGGGAAAGGAAAGACAACACAAGAAGCCGGCCAGGGCCGGGACAGAGACC AAAGGAGGAGGAGGACAAAACGAAGGAAGAGAGGAAAGCGAAAAGGAGAA AATTGGAAGGGAGATTCCTTAAGAAGCAGAAGGGGGAAGAAAAGGAACAG GGGGAAAAGGGAGGGAGAAGAACCATAACCAAAACCAAGGAGGAGGGGAG AGGGAGAGAACAAGAGGAAAGGAAAAAAGGAGGGACGGAAACAAAGGGGA GAAAGGGGGAAGGGAGGAAAGAGGCCAGGGAAAAAAAGAGGGAAAACCGG CCAAAAAAAAAACCGGCCGGGGAAGGAAAAAACCGGAAGGCCAAAAGAGA AGAAAGAAAGAGGAAGAAGGCCAGCAGGAGAGGGGGAGGGAGGAGGGAA GGGGGGAGGGGGGAAAAAGGGGGAAGGGAGAAGCAGCAAGGATGGGGAA GGAGAAAAGAAAAAAGAGAAAAAAGGAGGAGGGAAGAACAGGGGAAAGAA GACCGACCGGGGAAAAAGGGAGAAGAGGAGGGAAAGGAAGAATTGGAAGG CCGGAAGGAACCGGGAAAGGAACCGGGAGAGGGACCAAGGAGAAGGCCGG CCAAGGAAGGGGAAAAGGAACCAAAAGGGGGGGGAAGGAAAAGGAAAAGG GGGGGGAAGGGGAAGGAAAACCGGGGGGGGGGAAGGGGAAGGAAGGAAA AAAAAAAGGAAAAAAGGCCGGAAAAGGGGGGCCAAGGGGGGAAGGGGGG GGGGGGAAGGGGAAGGCCGGAAGGGGAAAGGGGGGAAGAGAGAGAAAAG GGGGGGGAAAAGGGACCGAGGGGAAAGTTAAAACCGGGAAAAAGGAGGG CCGAAGGAGAAAAAAGGGCCAAGGAGAAAAAAAAAAGAAAGGAACAGAGC AGAGAACCGGCCGGGGGGGGAAGGAACCGGAAGGAAGGCCCCAAAACCAC AGAGAGGAAGGGGGAAGGGAGAAAAAGGAAGGCCGGCCCCAGAACCAGAG AAACCGAGGGTTAACGAGGGCAGGGGAGACAAGGGGAAGGAGGGGACAG AGGGGGGGGAGGAAGACCAAGAGAGAAGGCCAAGGGAGGCCGGGAAGAA AAGGCAGAAAGGGGAAAACCGGCCGGCCAACCAAAATAAAGGCCAAAAAA GAGGGGCCGGGGGGGGGGATAAACGAAAAGAGGGGGGGGGGGAGGAAAG GTTGAGGGGGAGAGGAGGGAGGGAAAAAGAACAAAGGAGGAAACCGGAG AA G GAAGGGGACAGCCGAAAGAGAGGGAGGGGAAAAAAAGGGGAGGGGC CGAGGGGGGAACCAGCCGGAAGGAAAGGGGAGAGAGGGGGGGGAAGGAA AAGGAAAAGGAGAGAAAAGATTGAAAAAGGGGAATTAGACGGCAGGAGGG CACCGGGGGGATACGGCACAAAAAGAAAGGGGAAGGGAAAAAGGGGAAGG AAAAAAAAAGAGGAAAAGGGCCAGAGGGAAAGAGGGGGGGAAAAAACCGG GAGGGGAAAGGCAGAAAAGGCAGGGGAGGGAGAAAAAAAGATGAGGAGG GAAGGAAGGACAAAGCCCCAGGGAAAAAGAGGAGGGACCGGAAGGAGACA AGGAACCGGGGAAGGAAGGCCGGAGAGGGGAGAAAAGCCCCGGAGCCAAA GGGGAGGGAGGCAAGGACCCCAAGGGAGGGACCAGGGGGAAGGAAGGGG CAAGAAGGGGGGAAAAGGAAGGAACCGACCGGGGGGAGAAAAAGCAAACA AAACCCAGAAAAGAAAGGGGGGAAGAGAGGAAGGAAAAAAGGGAAAAAAA AAAGGAAAAAAGAGGGAAGAAGGGGGGGGGAGCCGAGGGGGGGGAAAGG GAGAGGGGGGGCCGGGGAGGGCCGGCCAAAAGGAAAAAGGAGAGGGAGG AGGGAGACAAGGAGGGCCGGAGGGACAGGAAAGGAAAAGGCCGGAAGACC AGAGCCGGAAGGGAAGGGGGAAAAAAAGGGAACCGAAAAAAAAACCGAGG CCGGCCAAAAGGGGAAAAAAAAAGACGGGGAAAAAAAGGGGGGGAACCAA AAAAGAGGGAAAGGAGCCTAAAAAAAGGGAGAGGGAAAAACAAGGGAAGG AAAAAACAGACCGAAAGAGGAAGGGAAAGACACCCCAAGGGGGGAGAAAC AGAAAAAAAGGGGAACCCAGAGAAGGAAAAGGGGGGGGAAGAAAAGGGAA AGAACCCCAAGGAGGGGGAAAAGGAAGGAAGGAAGGTTGGAGGGAAAAGA AAGGGGAAGGGGAGGAACGAAGACAAGAAAGAAGCCCCGGCCAAGGAAGG AA $\operatorname{l}$ GGGAAAAGGAAGGGGGGGGAAAAGAACAGAAAGGAGGAGAAAAAGGA CAGAAAAGAAAAGAAGACAACGAGCGGGGAAACAAGAGAAGAAACAGGAG TAAAGAGAAAATTACCAACCGGCCAAGGGGAGAAACAGAAGAAAAAAGAG AACGGGGGAAGGGGAACCTTAAGAAAGGAAGAGAGGAAGGAAAAGGGGAA GGACGGAGGAAGGGGGCCAGAAAAAGAGGGCCGGGAGGGGGGGGAAAGG AAGGAGAAGAAAGGGCAGGAAGGAGAAGGAAGGGGAAGAGGAAGAAGGG AA GAAAAAAGGGGGGAAGGAAGAAGAGAAAGGAGCCGACCGAAGAAACGA GGAGAAGGGGGGGGAAAAAAAAAAGGGGGAAGGGGAAGGGGGCCAAAGC CGGAAAGGACAGGGGAAAAGAGAAACCGGCAAAAAAGGAGAGAAGGAAGA GAGGGAAAAGGGGGGGGGGAAAAAAAAGGGGAAAAGGCCAAGGCCGGCA AA GGCCACAGGAAGAAGGAGGGGGGAAGGGGGAAAGACAGGGAAGGGGA A G G G GAGATAGGGAAAAGGGGAAAACCAAAAGGGGAAAACCGGAGGGGGA

AAAAAACAGGAAGGGGAGGAGAGGGAGGAGGAGAAGAGGAGGAAAAGAAC ACCAGAGAACAAAAAGGGGGCAGAGGAAAGGAAGGCCAAAAAAAAAAAAA AA GAGACGAAACAAAGAACCAAGGAAAGAGGAGGGAGGGAGGAGAACCCG GGGAAGGAGAAGAGAAGGGGACCGGGAGAGGAAAAAAAGGAAGGGCACCC CGGAAAAAAAGCAAAGGGAAAGGGGGAGGGGGGGGAAAAGGGGGGAACC AAAAAAAAAAGACCGAGGGGAAAAAAAAAGCCCCTTAAAGGAACGAGGGA AGCAGAAGGAAAAAGGGGAAAAAAAAGGAAAAAAAAAAAAAGAGAGGGAA GAGGAAAAAAGGAAAAAGAAATCCACAGAGCACCAACCAACCGGGGGGAA AA G GAAGGGGAAAACCCCAAGGGGGACCCCGGAAAAGGAAGGGGAAGGAA AGGGAAAGAGGGAAGGAAGAAGAGGGAAAAGGAGAGAAGGAGCCAGGGG GAGAGACAAAGGAGGAAAAAAGGGGGGGGAGGCATCCGGAAGGAAAGCAA ACCCCGGGGGGAAGGGGCCAACCAAGGGGGGAGGAAGAAGGCAGGGGGA GAAAAAAAGGAGGGAAAAGGGGGGAAGGTTAAAACCGAAAAGAAAAGGCA GAAAGGACAGAAGGGGACAGGGGAAAGGCCAAGAAGAAAAGACCAGACGA AAGGCCAACCGGGGAAAGGGCCGAGGGAGGGGGGAACCGGGGGGGAGGA GCAAAGGGGGAGACAAACCAGAAAAAGGGAGAAGACGCAGGGGGGAAAGC CAGGGAAGAGAGGGAAGGGGGGGGGGGGAAGGGAGGGGGGGAAATCAGG AACCGGAAGGCCGGGGCCGGGGGGGGAAGGGGGAAAGGAAGGAAAAGGC CAAAAGGAAAAGGCCAAGGAACCAAAAGGGGAAGGCCGGAAGGGGAAAAC CGGAAGGAGAGAAAAAGCAGGAACACAAACCAGAGAGGGGGCCAAAGAGA G GA G G G G G GAA $\ln A A A A G G G A A G G A G A A A G G G A G G G G G A G G G A A G G G A G G$ AA $\operatorname{l}$ G G G GAGGGGGAAGAGGGAAAAAGCGGACAAAGGGAGGGAGAAGCAG GAGAAATCCGAGAGGAGGAAAAGGGAGGGGAGAAGAGGGGAAAGGAGAC AAAAAAGGGGAAAGAACCCAAGAAAAAGAGGAGGAAGGAGAGGGCAAAGA AAAGGAGAGGAAAAGGAGGGAAGGAAGGACAAGAAGAATTACGGGCGAAA AA $\operatorname{GGGGGAAAAGGAAAGGAACGATAGGAGAGAAGAGAGAAACCGAGGGAAG~}$ AA G G AA G GAGAAGGAAGGGGGGAAGAGAAAAGGGGAAGGGGGGGAACAA GGGGGAAGGGAGAGGCCGAGGGGGAAAAAGGAAGAGAAGACGGAGGACG AAAGGAGAAGGGAGAGAGAAAGGGCGGAGGGGGGAGGAGGAGGAAAAGG GACGGCCGAAGGAGGCCGAGCAGGGAGGGAAAGGGAAGGGGAAAAAAAA GGGGAAAAAGAAGGAAAGAGGGGGAGACGGAGGAAAGGGGAGGGCACCG GAGAGAGGAGGGAGAAAGGAAAACCGGGAAACCGGAAGGGGGGAAAAGG
 G G G AAAA $\operatorname{A}$ GGGGGAAAAGGCCAACCGGGGCCAAAAGGGGAAGGGGAAAA G GAAAAGGGGGGGGCCAAAAAAGGAAGGCCAAAAAAAAGGGGAAAAGGCC G G A G GAA $\operatorname{A}$ G G G G G G G G G G A G G G G GAGGGGGGGGGCCGGGGAAGGGGGG
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 G G G A G G G G G GAAAAGGAAAAAGGAGCCAAAAGGAAAGGGAAGGAAAAGGA GAAAAGGGGACAGAAGGAGGAAAAAGGAAAGCAAAAGGAGGCCAAGGGGC CAGGGGACCGGCCAAAGGGGGGGGGAAAAGGAGAGCGAGCCAGAGAAGA GGAGGGAAGGGGAAAAAGAGAGGAGAAGAAGGGGAGCAAGGGGAAAGGA AGGACAAGAGGAAGGAAAAGAAAGGAAGGAAGAGGGGGACAGAGAAAGGA

AGAACTTCCGGGGGGAAGAGAGAAAAAAAGAGAAAAAAAGGAGCAACCAA A G GAAAA $\operatorname{A}$ G GAGGGGAAGGGGGAGGAGCAGAAGAGAGAAAACCAGGAGG CCCAAAGGGGGAAGAAGAGGAAAAGAAAGACCGGGGAAAAGGAAGAGGAG GAAACCGGAGAACCAAGAAAGGAAAAAGGGCCGGAGAAGAGGGAAAAGAA A GAA G GAGAGAGGGGAAAGAAAGGGGACAGGAAGCGAGGGAAAAACGGG G GAAAAAAGGGGGAAGGGGGGGAAGAGGGGGAGGAAAAATTCCAAAAAAC AAAAGAGAAAGCCGACAGGAGGGGGGACGGAGGGGGGGGAAAAAGGGAG AA $\operatorname{la}$ AG GCCGGGGGAGGGGAAGGGGAAAACCAAGAAAAGGAGGGAACCCGA ACGAGGAGGGGGGGCAAGAGAAGGAGGGGGGGAAAAGGGGGGAAGGAAA AAAGGAAAAGGAGGACCCCGAAAGGAAGAGGGGACGGGAACAGAGAACCG GAAAAAAGGAGAAAAAAGGCCGGGGCAGAGGGGAACCAAAAGAGAAGAGC AAAACGAACAAAGGGCCAACCAGAGCCGGAGGGGGAAAGAGCCACAAAGC AGAAGCAAGAAGGGGAGAAAAAAGGGGGGAAAAGAGAAAACGGGAGAGGA G G GCCGGGGGGGGCCGAAGGAGGGAAGGAGGGGGGAAAAAGAGGGCCAA GGAAAGGGAGAGAAGGGGAACACAGGAAAAGGGGAAAGGAAGGAGAAGA GAAAAAAGAAAAAGAAATTGGAGCCAAACGAAGAAAAAAAAAAGGAAAAG GAGGAGAGGCGGGACGGAAAAGGGGAAAACCAAAAAAGGGGAAAAAAAAG G G G G G A GAAAA G G G G GAAAAAAACCGGGACAGAAGGAGGGGGGAAAAGG G G A G G G G G A A A A G G A AAAAAAAAAGGGGGGCCGGAACCGGAACCAAGAAG GGAAGATTCACCACGAAACCAAAAGGAGAAAAGAAACCCCAAGGAAGGGA ACTTGGGGGGAAGGAAAAAAAAAGGACCAAGGAAAAGGAAAAAAAAGACA G G G ACAA G G G GAGGAGGAAGCCAGGGAAAAGGAGAAAAAAAAAACAGAAG G GAAAAAAAAGGGGGAAAGGGAGAGAGAACCCCCCCAGCCGGGAAGGAGA CCAA $\operatorname{ClG} \operatorname{GGG} \operatorname{GGCGGCAGGGGGGGGGGGAAAAGGAAGGAAACGAGAACAGA}$ GGGCCAGCACACCAACCGAAGCCAGGAGAGAAGAAGAACGGAGAGAAACA AAAGATAGAAGGAAGGGAAAAGGGGACGGGACAAAGAGGAGAACCAGAAG GCCGAAGGGAGTTAGAGGAAGAACCGGAGAGAGAAAGAAAGAGCAGGGGC CGAGAAGCAAGAAAAAAAAGAAAGAGAGAAACCCCAAGGGGAAAGAGAGC CGGAGGAAAAAAAAAGGGGCCCAGGGGACGAAGCCAGAGAACCAAGGGAA AAAAGGGAGAAAGAAAAGGGGAAGGGGGGAGACGAAAGGAACCAAAAAAA AGGAGAGAAAAGGAAGGAAGGGGAACCAAAAAGCAGAGGACCCGGGGGGA AAAAAAAAAGACAAGAACCACCAAACAGAAGGGGGTTAAGGCCGGAGGGA AAAGGGAGGAAGGAAAGAAAAGGGGAAGGAAAAGGGGAAAAGGGAGAAGA GAGATGAGAACGGAAAGGGGGAAGAGGAAGAGAAGGGAAGGACAACCGGA AGGGGGGACGAAAAGGGAAATGAAGAAAAGGAACAGAGAAAAAGGGGAAC AAGAAAAAGCCGGAAAGGGGGGGCCAAAGACAGGGGGGGAATAGGGGGA G G G G G A GAAAAGGGAAGGCCATCAGGGGAGGGAGGGAAGGAAAGAAAAG GAAACAGGGAAACACAAAAAAAAAAAAAACCAGAGGAAAGGGGAAGAGGA AAAGGCAAGGGCAGGGGCCAGAACAAGAACGGAAAGAGAGGAACCGAGGA GAGGACAAGAAGGGGGGAAGGAGAAAAGGCCAAAAAAGGGGAAGAATGGG GAAGGAGAAGGAAAAAAGGAAAAGGGGAAGGGGAAACGGAAAAGAGGCCG GAGGGGAGAACAAAAAAAAAAAGAAAAATAAGGAACAAGAGAAGGACGGG GAGAGCCGGAGAAAGCAAACCGGAAAAAAAACCGGAGGGAAAGAGAAGGA ACCAAGGGGAAGGCCGGCCAGACGGAAAAAAGAAAGGGGCCGGAAGGGGA AAAGGGAAACAAAAGAGAAAAAGGAAAGGGGAGAGAAGGGACCAAAAGGG GGGGGCCGGAAAGAAAGGAGGAAGGAAAAGGCAAAAAGGGGGAGGGGAA CCAAAAGGGAAACCCACCACGGAAAGGGGGAAAAGGGGCCGGGGAAAACC GGAAGAAACCAAGAAAGGGGAACCCCGGGGACGGAAAAAAGAAAGGAAAC CA $\operatorname{l}$ G G G G G G G G G G G GAGGGGAAGAAGAAAAGGAAACGGAGGGAAAGAGC GAAGGGGGGAAAAAAAGAGAGGAACAAGAGAAGGGGGAGAGAAGGAAGG AAAAGGGGAAGGGGAACCAGCCAAGGAAAGCAAGGAGGCAGGGGGGAAG GAACCGGAAAAAAGACCAGGGACAAAGGAGAAAGGACGGAACCGAGAGGG GGAGGCCAAAAAAGACCAGGAGGAGAGGGGGGGGAAAAAGGGAGGGGGA CCAAAAGGAAAAAAGGAGGGAAGGAAAAGGAAAGGGGGGGGGAAAAGGAA AAACCCAACCGGAAGGTAGGCCAAAAAACCGGGAAAAAAACCGGGGAAGA AACGAAGACACCAGCCAAAAGGAAGGAGAGAAGAAGAGGAAACCCCAACC GGGGAAGGGGAAGGGGCCAAGGGGAACCAAAAAGGGAAAACCAAAAGGGA CCCCGGAGAGAAAAGGGGCCGGGAGAAGAAAGCCGGGAGGAAACGGAGG GAGAAAAAGGGGGGGGGGGGGAAGACAAAAGAAGGAAAAGGAAGGGGAA GGAAGGCCCCGGCCGGCCGGGGGGGGAAAGAGGACAAAAGAGAAGGGGA AGGAACCGGAAAAAACCCCGAGGGAGGCCCCAAAAAAAAGGCCGAAACCA

GGGGGGGAGAGGAGGGGAAAACCAAGGGGGGGGGGGGGGAAAGGAAACA GGAGGAGGAAAGGGAAAAGGAGAAGGGGAGAAAAGAGGGGGGGAAGGAA AAAGGGAGGAAAAAAGGAAAAAAAAAGACAAGAAGGGAGGAGGAAGGGGG GGGGGGGGGAAAAAAAAAAGGGGGGAAGGAAGGAAAAAAGAGGGGAAAG GGGGGGGGAACCAAAACCAAAAGGAAGGAAGGGGAACCAAGGCCAAAAGG AA G GCCAAGGGGAAGGAACCGGGGGGAAAAGGCCAAAAGGAAGGGGGGG GGGGGAAGGCCGAGAAAGGGGCAGGGGGGAAAAAACCCCACGGACAACCG GGGAACCAAGGAAATGGGGAAGGGGGAGGAAAAAAAAAAGGAAAGATGAG GGAAGGGAGAAAGAGGAGGAAAGCCAAAAGGGGCCGGGGGGAAAACCAAG GGGGGAAGGAAAAAAGAGGGAGGCCAGAGCCAAGAGGGAAACACAAAGAC CCCCCCACAGAAACCAGGAAAGAAAAAGGGGGGAAAAGGGGCCGGGGAAC CGGAGAAAAGGAGAGGGGGGGCCGAGACCAAAAGGAACCCCGGAAAGAAA GGAGCGAACAAGGAAAAGGAAAGGGAAGGAAGGCCGGCACAGGGGGAGAA ACAAGGGCCGGACGGCAGGGGGGAAAGGGCCAACCAGGGGGCAAAAGGG AAAGCCGGGAGACAGGGGGGGAAAGAAAGGGGGGCCGGGGGGCCGGAAA AAAAAGGGGGGAAGGGGGGGGAAAGCCAAAAAAGGAGAGGAGGGGCCGG AAAGGAGAGGAAGGGAAAAGCCAAAAAGAGAAGGAGAGAACCAGAGAAGA CCGAGGCAAAAGAAAACCACAGGAACGGGGATGGGAGGAAGAAAGGAAGG GGACGGACGAAGGGGAAGAAGGAAAGGGAAAAGGGGAAAAGAGGCCAACA AAAGAAAAGAGGAGGGGGGGGGGGGGGGGGGGAAGGAGGGAGAGGAGGG GGAGGAGGGGGGGAAGGAAGGAAAAGGAAGGAAGGAAAAGGGGAAAAGG AAAAGGAAAGACAGAGCCAGCAAGGGGAGGCCAGAGGACAAAGAGAGAGA GGGGCAGACCCCAGAGGGGGGGGGGAGGAAAAACGGGGGGGGAACCCCG AGGGGAGGGGGCCAGAGAAGGGGAGAGGAGGCCAAAAGGGGCCGAGGGA AAAAGGAAGGAAGGAGGGGGAAGGAAGGAAAAGGAACCGGGGGAGGAGA AGGCCGAAAAGGGGGGAAGGGAAGAGACAGGGAAAGAGGAAGAAACCAGG GGGGAGAGAAGAAGGAAACAAGGAGAACAAGGGGGGGGAAAGAGAGAAAA ACCGGAAGGAAGGCCGGGGCCAAAGACGGGAGGACAAGAGAAGGGGGGG GGGGGAGGAGGGAAGAACGAAAAGGGGGAAGGGGAAGGGGAAGGAAAAG GAAAAGGACGGAAACAAGAAAGGGGAAAAGAGAGCAGGAGAGAAGAAAAG GGGGGCCAGGAAGAACAAAGGGGAAGGAAGGGGAAGGGGGGAGAAAAAA GGGACGAGGCAGAGGAGAGGGGAAAGAGGGCAAGGGAAAAGGGGAGAGA AGAAGGGAAGAAGGAGAGAGAAAAAAAGGGGAAAAGGGGGGGGGGAACG GGGGAAATAGGGAGAGAAGGCCACGGGGAAAATTAACAAAATGGAAGGAA AA GCAAAAAAAGAAAAGGAAGGAACCGGCCAGAGAGGAAGAGAGACAAAA GACCAACCAACAGGAAGGGAAAGGAGAAAAAACAAGGGGGAAAACCAAGG AACCAAAAAGCAGGGGGGCCAACCGGGGAAGGGGAAAAAAAAAAAAGGAA AAAAGGGGAAGGAAAGAGCGCCAACGATAAACGGAGAGAAAGAGGGGGGA GGAACCAAAAGGCCAAAAGGAAGGAAGGGGGGGGCCGGAAGGGGGGGGC AAAGGGGCCAGAAGGAAGAAGAACAACAAGGGGGGGGAGATAAGGAGGGA TGGCCAACCGGAAAAGGCGGACCAAGGGAAAAGAGCCAAGAGGGGGAGGA GAAAAGAGGGGGGAGAAGAGGAAACGAGAAGAGAACGATACGAAGGGGAA AAAGGAAGGAAGGGGGGAAAGAGAGAAGGGGCCGGAAAAGGCAGGGGAA CCGAAGGGAAGGAAGGGGAAGAGACCTTGAGAAGACAAAAGGGACCAGAA AGAAGGAAGGAACCAAAAGGAAGGAACCGGGGGGAAAGAAGGCCAAGAAA AGGAAAAACAGGGGAAGGCCAAGGGACAGAGGAGGGAAAGGAAGCCGGG GGGAAAGAGGGGGGGAAAGGAGGAAAGGAAAGGGGAAGAGGGGGGGGAA GGGGAGAAAGAGGGAAAAGGCCAAGGAAGGAAGGAACCAAAAGGAAGGAA AACCCAGAGGGGGGGGGGAAAAAAGGGAGGGGAGAAAGAGAACCGGAGG GAGGGGGAGAGGGGAAGAAGGGGACAAAGGGGGCCGGAGAAGGAGAGAC AGGAAAAAAGAGGGGAAGCCACGGAAGGAAGGCCAAGGAACCAACCGGGG AAAAGGAAAACCAACCAACCAGGGAGAAAACAGACAGGGGAAACAAGAGA AGAGGAAGGGAAGAAAAGACAGAGCCGGGAAAGGGGACAAGGACGGAAGG GGGGAAAGAGGAACGAAAGGGGGGAAAGACGAAGAGGAGGGGGGGGAAG GGACCGGGAGAGGACGGGGAAAAAAGAGGGGGGGGGGGGGGGAAAGGAA GGAAAGTAGAAAAAGGAGGAGAGAAGGAGGAAAAGGCCGGAAAACAAAGG TTGGAAGGGGAGGAAGATCACCCAGAGGAAGGAAAAGGAAAAGGCAAGAC AAACCAAAGGAGGGAAGGGGGAGAAGCCAGAGAGGAAAGGAAGGAAGGG GAAGAAGAAGGGGAAAAAAGAGGAGGAAGCCAGACAGAGGGGGGGAAGG GGGGAGGATTACAAGGGGAGAGGGGGAGGGGGGGAACCAAGGGGAAAGG GAAGAAAAGGGGGGGGGCAACAAGGAACCACGGAAGGCCAACCAAAAAAG

GGAGAAAGAGGAGCCAGAGGAAGCCAACCAAGGAAAAGGAAAGACGGGGA GAGCCAAAGAGAGGAAAGAGAGGCCGGGGGGGGAGACGAACAGGGCCAAA GAGAGAAAGAGGAAGGAGAGAAGGGAGAGAACCGGGAAGGAAGAAGGGG GACAAGGGGAACGGGGGGGAGGGGAGGGCAAGAAGGGGAAGGACGAGGA GAAGGAGAGAAGGCCGGAAGGAAAAGGAAAAGGAAAAGGAAAGAGGAAAA ACAAGGAACAGGAAGAAAAGGGGGGGAACGGAAGGAAGGAAAATTGGGGA AA G G GGGAAGGGAAGAGAGGACCAAGAGGGGCCGGAGGGGAAAGGGGCC AGAGCCAGGACCCCAAAAGGGGGGGGAAAAGGGGAAAAAGAAGAGGGAAA AGAGAGAAAAGAGGGACAATACAGGAAAGGCCGGCCAAAAAAAAGGAGGG AAGGAGAGGGGGCCGGGGGGTAGGAAAAGGAACCAAGGAGGGAAAAGAG GAAGGGAGAAGAGGGAGGAAAGGAACCGAGGAACCAAAAGGAGAAACAGA GGGGGAGCCAAAAGGGGGGGGGGGGGGCCGAGGGGAAAGAAGGACAACA GGAAGGAAGAGAGAGAGAAAAGCCGGGGGGCCAGAAGAAAGAGGAATTAA AAAAGGAAAAGGAAGGGGAGGGGGGGGGGAAGAGACAGGGAAAAAAGGG GAAGGGAGGGAAGGAGAGGGCAGTTAAGGGGAAAACAGGGAAAGAGGGG AAAGAAAAGGGAAGGAGGGAAAAGCCAAAAGGGGAAGGGGAAGGCCAAGG AAAAGGCCAAAAGGGGAAAAGGAAGGGGGGCCAAGGCCGGGGAAGGGGA AAA $\operatorname{l}$ GAAAAAAGGAAAACCGGGGGGGGGGAAAAAAGGAAAACCGGGGGGG GAAGGCCAAAACCCCAAGGGGGGAAAACCGGGGGGAAGGAAGGGGAAGGA AAACCGGAATTAAGGGGAAGGCCGGAAGGGGAAAAAAGGAAGGAAAAAAG GGGCCGGAAAAAACCAAGGAACCCCAAGGCCGGAAAAGGAAAAGGGGAAA AAAGGGGAAAAGGGGAAAAAAGGAAGGGGAAGGGGGGAAGGAAAAGGGG AAAAAAGGAAAAAAAAAAGGCCAACCAAGGAAAAAAAAGGGGGGAAAAAA AAAAGGCCCCGGAAAAAAGGGGCCAAGGAAGGGGCCAAAAGGAAAAGGAA GGAAAAGGGGAAAAGGCCAAAAAAAACCTTGGAAAAAAAAAAGGGGGGGG GGGGGGGGGGGGTTAAGGGGGGGGAACCGGGGGGGGAAAAGGAAGGGGG GGGGGAAAAAAGGGGTTAAAAAAGGAAGGGGGGGGAATTCCAACCAAGGG GGGGGGGAAGGAAGGAAAAAAAAAAGGAAAAGGGGAAAAAAAAGGGGGAA CAAAAAAGAAAAAAGAAAGGAGAACAAAAAAAACAAAGGAAGAAACCGAG GAGAAGGAAAACCAACCAGCCAAAGAGAAGAGAGAAAGGGAGGGGAAGGA ACCAAAACAAGGGAAGGGGAGCCGGCCGGGGGGAAAACCGGGAAGAGAGA AGGGAGGCCAAGGAAAAAAAAAAGGAAGGGACCGGAAAAACGAGAGGAAA GAGGACAAAGAGGAAGGGGGGAAGGGAGAGAGGAAGGAAGGGAAGGACA CAAAAAGGAAGGAACCCCAAAAGGAAGGAAGGGGGGGGAAAAAAAGGGAA GGAAGGGGAAGGAACCAAAAGGGGAAGGCCAAGAAAGGGGAGGGGGAAG GGGAAGGGGGGACAGGGAACCGGAAAAGGCCACAAACAAGAAGAGGGGG GACGGAGGAAGGGGGGAAAACCAAGACAAACCGGAAGGGGCCGAGAAGAA GAGGAGCAGGTTAGGGGGGGGAAAAGAGGGGGAAGAGGAGAAGGAAAAA AGGGGGGGAGGAAACAGAGCCAAGGGGGGGGAAAAGGGCACGGGGGGAA AGGAGGGAAAGGAAGGGGAAGAAAAAGGGGAAGGGGAGCCAAAAACAGG GCAAAGAAGAGCCAAACGGAAGGGCGGATAAAAAAGGGGCCAAGGGGGAA CCCGGAAGAAAGGAAGGCCGGGAAAGGAAAGGGGGAAGGAGCCGGAAAG GAAGAACCGGACGAAGGAGAGGCCAAAAAAAAGGAAGGAAAACCGGAAGG GGGAAACACCGAGGAAGGAAGGGGGAAAAAAAAAAAAAGAGGAAGGCAGA GGGGAGCCAGCAAGAGAAAAACGAGAGGGGGGGGCAAAAGAACCAACCAG GGGGAAAAAAGGGGGGCAAGAAAAGGAAGGGGAAAGAGGGGAAAGAGAA GAAGGTAAAGAAGGACAAGAAGGGAAGAAAAACAAACAAAAACGAAGAGA GCCAACAGGAGAGAGAAAAAAAGCCGGGAAGGGGGAGGGAACACCAAAAA GCCGGAAGAGGAAGGCCAACAGGCAAAGGGGGGAGAAAGAAATGGAGCAC ACAACGGAAGGAACCGGAGGGCCGAGACCAAGAGGAGGAAAAAAGAGGGA AGCGGGGGCAACAGAAAAGGGGAAGGGAAGAAAAAAAAAGACCGAGGAAC CGGAACCAGCCAGTTAAGGGAGGGGAAGGAAGGAAAAGGGGAAGGAGAAG AGGAAAAAAGAAGGAGGAGAACGGGAAAGGGGGGAAGAGAGGAGAGGCC CCAAAACAAAAGGGAGGGAAAGAGTTAAAAAACCAGGGGGAAACAGGGGA CCAGGGGGGGCGAGAGAAAACAGGAAAAAAAAGAGGAGAGAAAGAAGGAA AAAACCAAAAGAGGGGAACCGGAGAAGGAAAAAAGGAAACGGAAAAAAGG AA G GAAGAAAAGGAAGCAGGGAAAGGAAGGGGAAAAGAGAAAGGAAGGGA CAGGGGGGGAACAAAAAGAAAAGGGAAGAGGGAGACAGAAAGAAGGAAAA AACCACGAAAAAAGGGAAAAAGAAAACCCCGGAAAAAAGGAGAGGAAACC AAAGAAGAAATAAAAGAAGGCCGGCCAAGGGGGGAAAAGGGAAACAGAGA CAAGGAAGGGAAAAAAAAGGACGGAAAGGAAAGGGGGGGGAGAAGGGAG

CAAGGAAGGGGGGAAAAGGAGGAGGAAAAAAGGACGGCCGAACAAAGAAA AAAGGCCGGAGGAGAGGGGAAGGGGGAAGCCGGAAAAAAAAGAGGGGCC AAGGAAAAGAGGACAACCAGGGAGGACAGAAAAGAGAAAGGGGGAAAAAA AGGGAGGAAGAGGAGAAGGGGAGAAAAGGGAAAACCAATTGACCCCATAC A G G G G G ACGAGACCAGAAGGAGCAAAACAAGGGGAAGAGGGGGGCAGCG GCAGGTTCCGGGAGGAGCCAAGAAACCGGGGAGGAGGAGCCAAAAGGGGA CGGAAGGAGAGGAAGAAAGAAAGAGGGCCGGAAAGAAAAACAAAAGAAAA AACACAAGGGAAGAGGAGAGCGAAGCAAAGGGGAGAAGGGGAAGAAAGAA A G G A G GAGGGGAGAAAAAGAGAAAAAAGGGGGGACGGGGGCAGGGAGAA AAAGAAAAAGAGGGAAAGAGGGAAGGAGAAAGAGGGAACAGGCCGGAGAA CCACGGGGGGAAAAAACAAAGGCCGGAAGGGGGACCAACCGGGGAAGGGG CCAACCAAGGGGGGCCAAGGAAGGGGCCTTGGGGGGGGCCCCGGAAGGG GAAAAGGAACCAAAAAAGGCCGGAAGGAAAAAAGGAAAAGGAACCAACCA AAAAAAAGGAAAAAAAAGGAAAAGGGGAATTGGGGGGAAGGGGAAGGAAG GAAAAAAGGGGGGGGGGGGAAGGGGAAAACCGGAAAAAAAAGGGGCCGG AAGGAAAAAAAACCAAGGAAGGGGGGAAAAAAAAGGGGGGAAAAAACCAA AAAAAAGGCCGGGGCCAAGGAAGGAAAAAATTAAGGAAAAGGAAAAGGAA AA G GAAAAGGAACCAAAAGGAAGGCCAAGGGGAAAAAAAAGGGGGGAAAA GGAAAAAAAAGGAAAACCAAAAAAAAGGGGAAAAAAAAGGGGGGAAAAAA G G G G G G G GAAAAAAAAAAAACCGGAAAAGGGGAAGGGGGGGGAAAAAAAA G G G G AA G GAAAAGGAAGGAAAAAAAACCAAGGGGGGAAAAGGAAAAAAAA AAAAAAGGGGCCGGAAAAGGAAAAAAGGAAGGGGAAGGAAAAAAAACCCC AA G GCCCCCCGGAAAAGGAAGGCCAAGGCCGGCCGGGGTTGGAAAAGGCC GGGGAAGGAAGGCCAAGGGGGGCCAACCGGCCGGGGGGGGAAGGGGAAA AAAGGAAGGAAGGGGAAGGGGAAAAAAGGGGGGAACCAAGGAAAAGGAAA ACCAAGGAAGGAAGGAAAAAAAAGGAAGGGGGGAAAAGGAACCGGGGGGG GCCGGAAGGGGAAGGAACCGGGGGGAAGGAAAACCGGCCAAAAGGGGGG GGAACCAAAAGGAAGGAAAAGGAAGGGGAACCGGCCGGGGGGGGAAGGA ACCAAGGAAAACCAAAAAAAAAAAAGGGGAAGGAAAAGGAACCAAGGGGA AAAAAAACCGGAGGGCCGGGGGGCCGGAACCAAGGAAAAAAAAAACCGGA AGGGGCCCCGGCAACCAACAAGGGGAGAGAAAGAAACAAAAGAGGAAAGG G G GCCGGCCAGGGGGCCGGGGGGAGGGGGGGGGAGGAAACCAAAGAAGG CCAA G G G G G G G AAA G GCGAGGGGACGCACCAAGGAAGGGGGGCCGGAAG GAGGGAAGAAGGGAAAAAGGGGGAGAAAAAAGGAGCACAAGAAAAAAGAA G G G GAGAAGGGAGGAGGCCAAGGTAGAAAAGAAAAAAAGGGAAAAAAGGC CGAAGAGGAAGAGGGGGGGGGGGGGCCAAAAGGAAGGAAGGCCCCGGAA AAAGCAAAGGCGGGAAAGGAGGAGGGGGAGAAAAAAGGAAGGCCGGCCCC G G C C C C G G G G G G G G G GAA G G G G G A A A G G G GACGGGGAAGGCCCCAGAAA AAAAAGACAGGGAAAAGCAGGGGGGAAGAGGGGAAACGGAAGGAGGAAAA GAGAGGGAACCGGAAGGAAAAGGGGAAGAGGAAGAAGAAAAGGAAGGGA GGGGAACCAAGGAAAAGGAAAAAAAAGGAAGGAAGAGGAGGGGGAGGGAA A G G GCCAAAAGGAAGGAAAAAAGAGGAAGGGAGAAGGGAGGGGGGAGGA AGAAAAACCGGAAGGGAGGAGGAGGGGGGGAGAAGCCGAAGAGAGGGGA GGAGAAAGGGGGGACAGAGGAACAAAAGAAGAACAAAGAGCAAACCAAGG GGGGGGAGCCCCAACCAAAGCCGGCCGGTTAGGGGGGGGGGAGAGGAGA GAAGGAAGGGGAAGGGGGGGGAAGACAGAGGAAAAGGGGGGGGAAAGGG AAAAAAGGAAGGGGGGCCAACCGAGGGAGGAAGAAAAGAAGGAAGGGGAA GAGAAAGAGGGGGGAAGAGGCCACGGGGAAGGGGGGCCAGGGGGGGAGG GAAAAGGAAAAAAAGCATTAACCAGGGGGAAAGACAGAAGAAGATAAGGA AGGAAGAGAGAACAAAAAAAAAAGGGGGGAAAACCGAAGAGGGAACCGGA AAAGGAAGGAAAAGGGGAACCAAAAGGCCGAGAAAAACAAAAAGAGGAAA GAACCAAAAGGGGGGAAGAACGACAGAACGAGAAGAAAAAAAAAGAAGGA AA $\operatorname{A} A \mathrm{~A}$ GATAGGAAGGGGAGGGGGGGGGAGAACCGGAAGGGGGAGGGGAG AA G G G G G AAAACAAGGAGAACAGGGAGAAAAAAACAAAAAAAAGAAAGGA GAAAGGGAGGGAAGAGAGGGGAAGAAGAGAAGGGAAACCAAAGAAAAACC AGGAGGGAGGAGACGAAAGGGGCCAAAAGACAAGAAAGAAGAAAGGAAAA AA $\operatorname{l}$ GGGAGAAAGGGGAAAAAGGAAAAGGAAGAAAAGACGGGGGGAGAAG GGGGAACGGCCGGAAAGGGAGGAAAAACCAAGGGGAAGGAGAAAAAAAGA AAAAGGGAAGGTTGAGGAAAAAGCCCCAAGGAAAAGGAGCAGGCCAAAAA AAAAAAAGGCAGGGGGAGGAGAGGAGGGACAAGAGAAAGGGAAGACCGGA A G G G G G GAA $\operatorname{AlGGGGGGAAAAGGGGAAAAAAGGGGGGAAAAAAGAGGGG}$

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AA GAGGAAACAAGGAAAGGAAAAAAAGAGGAAGGGGGGAAAAGGAACCGG GGAAGGGGAAAAAAAAAAAGAAGGAAGAAGGAAGAAAGCAGGGGCAGAAA AATTAAAAAAAGGAGGAGGCAGAGGGAACCGACAGGGAGAGGAATTAAAA GGGGGGGACAGAGGCCAGGGAAAGGGAAAAGGAAGGGGGGCAGGAAAAA CAGGGACTAAAGAAAGAGAAGAAGGAAAAAAGGAAGGGAAAAAAACCCAA GAAGAACAGGGAAGGCCAAGGGGAAAAGGAAGGGGGAGAGGGAGAAAAAA CGAGGAAAGAGAAGGGGCCCCAGAAGGACAGTAAAAAAAGGAAGGAGAAA CGGGAAGAGCCAGAGCAAAAGAGGGGAAGGAGAAGGCAAAGGGGAGCAAC CCAACACGGAACCTTAGAGGAGGGAGAGGAAGGGGAATTAAAAGGGGAGA G G G G G G G A G A CAGGAGGAACAGGGGAAGGAGAAGGGGGGAAGGAAGGAA AAAGGGGGAAGGGAGAAACCGGACGAGAAGGGGGGGGATTAACCGGAAAA CCAGGGGGGGCAGGGGGAGGCCAAAGAAGGAAGAAAGAAAAATTGGAGG GGAAGACGGAAGGAAAAGGGGAAGGAAGAAAAGGGACGGGAAGGGAGGG CCCAAAGGGAGGAAGGAAGGGGAAGGAGACGGAAGGAAGAAGAGGGAAG GAACCAAGGAAAACCGAGGAAAAGGGGGGAACCAAGGAAAAGGGAAAAAA ACAGAGGAGGAGAAAACGAAAGGAAGAAGAAAGGGGGAAAAAAGGAGGGA GAACCAGAAGGGAGAAGACAGGGAAACGGAGGGGGACGAGGGGAAAAAAG GGGAAAAGGAAGGGGAGAGAAAGGACCCCCAACAGAGGGAGAGAGAGGAG GAAAGGAAGAAAAAAGGGGGGGGGGAAAAAAGGAACCAAAAAAGGGGGGG G GCAGGGAGAAGGACGGCCAGAAGGGGCCAATTAAGAACTAGGGAAGGGA
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AAAAGGAACCCCAAAAAAAAAAAAGGGGGGAACCAAGGAAGGGGAAAACC G GAAAAAAAAAAGGAAAACCAAGGGGGGAAGGAAGGGGGGAAGGGGAAG G G GAAAACCAAAAGGGGGGGGCCAAGGGGAAAAGGAAGGGGAAGGAAGG AA G GAA G GAAAAGGAAAAGGAAGGGGAAGGGGCCGGGGAAAAGGAAAAG G G G AAAAAAAAGGGGAAAAGGGGAACCAAAAGGGGGGTTGGGGAACCAAA AAAAAGGGGGGAAAAGGAAGGCCAAGGAAGGAAGGAAGGGGCCAAGGGG AAAATTGGAAGGAAAAAAGGCCGGCCAAAAAAGGAAGGGGGGAACCAAAA AAAAGGCCAAGGCCGGGGGGAAAAAACCGGGGGGGGGGAAAAGGAAAAAA AA $\operatorname{l}$ G G G G G G G CCGGAAGGGGAAGGGGAAGGAAGGAACCGGAAGGAAGGA AGGGGAAGGAAAATTAAAAGGAAAAAAAAGGAAAAGGAAAAAAAAAAGGA AGGTTAACCGGAAGGAACCCCGGAAGGAAAAGGGGAACCAAAACCAAGGA AAAAAGGAAGGGGAAGGAAAAAAGGCCAGGAAAGGAAGGGAGGAGGAAGA GGGAGGAGAGGAGGGAGAGAGAACCCAACGAAAGGGAAGGGAAAGGAGG AA $\operatorname{A}$ GGAAGGAGAGGGGGGGGAGACGAAAGGCCAGGAGGAGAGAGGGAAG AAAACAAGGGGGAAGCCAAAAAAAGCCGGAAAAAAAGGAGACCAGTAAAA GAAAAAAAACAGGAGAAGGGAAAACAGGAGAAACAAACCAAACATAGAGA AA GAAGGAACCAAGGAAGGGAGGAGAAAGGACAGGGACCAAGGGGCCAAA AAAAAGGGGCCAAAAGGAAAAAAAAGAAGGAAGAAAAAGGGAGAGCCGGG G GAAGGGCAACAAAGAAGGAGAAGAGAAAAAAAGGAAGAAGAAAAGGAAA AAGAAACGGGGAAAAGAACACAGAAGGAAAGAAAAAAGGGGGAACGGACA AAAGGAGGGAAGGGGAAAGGAGAGGAAAGGGAGGGGGGAGAAGGGAACC G GAA G GAGGAA GAGAGCAAAGGAGGAAAGAGGGGGGGGCAGGGGGGAAA ACAGGCCAGGAGGGGATGGGGAAAAGAAGGGAGGGAAGGGAGGGAGAGA GAAGACAGAGGGAGAGGGGGGGAGGGAAACGGAAAAGGAAAGGGAAAAC AGGCAGAGAGAGAAAGAGAACCAAAAAGAAAAAGGGGGGGGGGGGGGGG A GCCAGCGAGGGAAAGGAAACATAAAGGGGGGGGAAACGGAGGGGGCAG AACGAGAGAGGAACCAACAAGAAGGAGATAAAAAAAAAAGGGAGAGACAG ACAAAAAAAGGAGGAAGAACCGGGACAAAGAAAGGAAGGAGAGAAGGGGA AAAAAGGAGGGAAAACCGAAGACGGGGGAGGAAGGGACCACCCGGGGGG GACCAAAAGGAAAAGAACAAAAAAAAGGGAAGATCCAGAGAACCCATAAG A G G G G G A G G G A A A A G G G GAGGGGAGGAGGGGGAAAAAAAA A GAGGGAGG AAGCCAGAGAGAGAGGGCAAGAACCGGGAGGAAAGGGAGACGAAAGGGAA AAAGAACACAGAGGAAGAAAAGAAGAAAAGGAAAAGGAAAAGGAAGGGGA A G GAACCAGCAGGGGGGAAAGAGGGAAAGGGAAGGAAAGAAAAGGGGAA G G CCGGAAAAAGGGGGGGGGAGGGGGGAGGACAAAGAGCACAAAAACAA GAGAGAAGGAAAGGAGGCCAAGGGGGGAAAAAACCAAGGAGAAGGGGACC CAGAGAAAAAGAAGAGGGGAAAAAAGGGGAAGGAACCGGGGGGCCCCAAC CCCCCAAGGAAAAGGAAGGAAAAAAAAAAGGAAGGGGGGCCAAAAGGAAG GGGAACCCCGGGGAACCGGGGGGGGAAAAAAGGCCGGGGAAAAAAAAGG GGGGGGGAGGAAAGATCAAAAGAGGGAAAGACGAAGGGACGGGGAGACA GGGGGGAAGAAAAGGAGAGGGAAAAGGGGGGAAGGCCAACCGAGGAAAA AA G G AAAAGGGGAGGGGAAGAAGGAAAAGAAAGAAGAAGGGAGGGGAAG AGAAAAAGGGAAGAGGGGAGGGGAAAAGCAGAAGAGGGGGGGGGGAAGG GGGGGGAAGGGAGGAGACGAGAGGAGAAAAGGAGGGAAACGGAAAAAAC CGGGGAAGGAAGGGGAGGCGGCCGAAGGGAAAGGGAAAAGAGGGACCAA AGAGGGGGACAAGGAACCAACCCAAAGAAAAAGAAAGGGGAGCCACGGCA A G GAGGCCAAGGAGAGGAGAAGGGGAGGGGAAGGGGAAAAAAGGAAGGA AGGGGAGACAAAGAGAAAGAGAGAAGGAAAGGGGGAGAGAAAAAAAAAGG AACAGAAGGGGAGGGCAGGACAGGGCAAAGAAAGGAAGAAAGGAAGGACG G G GAA $\operatorname{l}$ GAGCCGAGGAGGGAGGGAGAGAAAAAAGGAGGGCATTGGACCC G G AC GAAAGGGGAAGAGGAGGGGGAGGAGGAAACAGGGAGAAGGAAGGG AAA $\operatorname{A}$ GAGGACAGGGGGGAACAGGCCGGGGGAGGGAGAAAGGGGGGCCCA AAAGGGGACCAAAAGGAAGGCCAAAGAAGAAGAAAGGGGGGGGGAGAAGG AGAAAAGGCAACAAGGGGGGGGGAAAGGGGCCACAAAAAAAGATAGAGGA CCAAGGGGAAAGAAAAGGGAGGAAAGAACCAAAAAAAGGGCCAAGGGGAA GAGAAGAACCAAGGGGAGGAGGTTAGTTGAGGGGGGAAGGAAGGGGGGG
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CAAGGAAAAAGAAGAAGGGGAAGGGGAAAACCGGGAGGAAGGAGAAGGCC A G G G G G G G G GCCAGAGAGGGGGGGGGGGGGAAGGGGAAAAAAACCCAAA GAAAGGGGGAAAAAGGGAAAGAGCCAGGAGAGAGAGAGAAAGGGGGGAA GAGGAAAGGGGGGGGAGAAAGAGGAACCGAGGAAACCAGGCCACAGAAGG AAAGAAGGAGAGAGAAAAAGGGGGAGAGGAGGGAAGGACCGGAAAAGGG A G G TAAA $\operatorname{A}$ G GAAGGACCGGGGAAAAGGAGGGGGAAGGAAAAGAAAGGGG AGGGGGAAAGACAAGAGGAAGGAAGGGCGGCCCAAAGGAAAGGAAGAAAA GAAGGGAGAGAGAAGAAGAGGGGGGGGGAAGGAAGGACGGGGAAAAGAC AACAAGAGAAGCCCCGGAAGGATAACCGGAAAAAGAGAAGAGGCCAAAAC CGGAAAAGGGGCCAAAAGGAGGGGGAAGAAAGGGGAGGGAGGAAGCCCA GAAGGGAGGAAAGGAGAACCGGAGAAGGAAGGGGAAGAGAGGGGGGAAG GCGACAAAAAAAAAAAGCCAAACTTGCAGGAACACCCGGAGGGAAGGCAG GAGAAGAAGGGAACCCCGGGGAAGGAAAAGAAAGGAAAAGACCAAACAAA AGGAATAAACAACGGCAGGGGGGGGGAGGAAAAAAAGAAAGAAGGAGGAA AGGGGAAAAGGAGAAAAAACCCGCCAGAAAGCCGAGGCCAGGGAACCAGA AGAGAGGAGAGGGGGGAGGAAAGAGGAGAAAGGAAAAGAGGAACCCCGG GCAGATGAGGAAAAGACCAGGAAACCGGGAAGAAGAAGCCGGGGTAAGGA AGGGGAAAAAAGAGAGAGGGGAAAAGGGACGAACAGACAAAGGAAGGGGG G GAA G GATGGCCAAGGGAAGCCTTCCGGACAAGGAGAGGGGAAGAAGGG GGGAGGGCAGAAGGCCAGGAAAAACGGGGGGGGAAAAAAGGAGAAGGCA GGAAAAAAAGACGAGAAGGGAGGAAAAACCAAAAAAAGCCGAAGAAGACC AACAGGAGAAAAACCCAAGGAGAGGAGGGGGGGGGGCCGGAAGGGGAAA AGGAAAGGGAAAACCAAGGAAAACAGAGGAGAAAAAGAGAACAGGGGAGC CAAAGGAGAGAGGCCGGCCAGGGGGCCAGAAAGGAACGACAGGAAGACCC CAAGGCCAAAAAAAAAAGACGAAAAAAAGGACCAGAGAGGAAAGGGGAAC CAGGGAGGAAACCCCAAGGAACCAAAAAAAAAAGAACGGGGGGAAGGGGA AAAGGCCAAGGGGAAACAGCCAAAACAGGGGGAAAAAGGAAGGAAGGGGA GCGGAAACACAATGCAAGGCCGAAGGAAAACGAAAAAGGGAGGAGGGGGG GCCGGGGAAGAAGACGAAAAGCCGGGGCAAGAGAAAAAAAAAAGGAGGAA GGAATAGAGGAACGATTGGAACCAAAAGGGGGAAAGGGGGAGGCAGGGG GGGGGGAAGAAAAAAACCGGAGAAAAGGGAGAAGAAAGAAACAGACAAGA GAGGCAAGGGGGGAAGGAGAAGGGCCAAGGAGCCAAAAAAAAGGGGGGG GAGACAACAGACACCGGAAGGAAAAGGAAGGAAAGGGGGAAAGAGAAGGA AGGAACCAAAGCAGGGAGAACACGGGAGGGAGAAGAGGAGGACGGGAGAA AGGAAAAGGCCCCAAAAAAAAGGCCGGGGGGGGAACCAAAAGGAAGGGGC CAAGGGGGGGGCCGGGGGGAAAAAAGGCCGGGGGGGGAAAACCAAGGAA
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G G G G G A G A A A G G G G AAAAGGAAAAAAGGGGGGCCCCAAAAGGAACCAAAA CCGGAAGGAAGGAAGGGGGGAACCGGAACCCCAAGGAACCGGCCAACCGG AAAAGGAAGGAAGGAAGGCCGGGGGGCCGGGGAAAACCGGGGAAAAGGC CAAAACCGGGGGGGGAAGGGGGGCCAAGAGGCCAAGGGGGAAAAAGGAA AAAAAAAAAAGGAAGGAAAAAAGGAAGGGGGGGGTTGGAACCGGGGAAAA G G G G G GCCAGCCAAAAGAAGAACAAAAAAAATGGAAAAAAGGGGGGAAAA G G G GAA G G G GCCGGAAAAGGAAGGCAAAAACCGGAAGGAAAAGGGGGGA
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G G G G G G CAAA $A$ AAA G GAAGGAAGAGGGGGGAGAGGCAGAGGGGGAGGGG GAGGGAAGGGGGGAAAAAAGGAGGAGGAGGAGGAAGAGGGGCAGAGGAA AA $\operatorname{A}$ GGAGGAAGCGGGGAAGGGGGGGGAAGGAAAGGAAGGGCCCCGGAGG GAGAGACGGCCAGAAAGGAGATTGGGGGGAGGGGAGAGGGAGACCGGGG CCGAGAAGGAGACCAACAGGGGAACGCAAAAAGGACGGAGAGACGGAAAA
 GAAAGGAAAGGAAGAAGAGGAGGACAACAGGGGCCGGGGGGATAAAAAAA A G G G G G G G G A A G GCCGAGGAAAACCGGAGAGAAGGAAAAGGAGAAGGCC AAGACCAAGGGGAGGAGAGACAAGGAAAAAGAGGCCCCCCAAACCAAGCA G G G AAAAA $\operatorname{A}$ GGGGGCCCCCCGAAGAAAGGAAGGAGGGGAAAGCAAAGGG GGGCCAAGGAAGGACAGGACCGGGGGGAAGGGGGGAGGGCCGGGAAGAA CCAAGGACAGAGGGCCGGGGAAAAAGGGGGAGGGGGAAGGAGAGGGCCG GAAGGCCAGAGGCAAAACCAAGGGGAAAAAAAAGGGGGGACGACAAGAAG GAGGGAAAGAAGGGAAGCCAAGGAGGGGGAAAAAAAGGGAAGGGAGGAA AAAAAGGGAAGGGAGGAATAGGAGCCAAGGGGGGAAGGGAGAAAGGAAAA GAAAGAACAGCCGGAGGAGAGAAAAGAGGGAAAGAATAAGGAAAAAGGAA G G G G G AAA $\operatorname{A}$ GGGGGGGACAAAAAGAGAGGGAGGACCAAAAGGAAGGGAA GAAAGACAAGGGAGACAGAGAAAGAGAGGAAGAAGCAGGAAGGAGAAAAA G G GA G GAA G G GACGGAGAGGAGAAAAAGAGGGGGAGAAGCAAAGGAGAA A G G G A A A A G GCAAGAGAGGAGAGGGGGGGGGGAGGAGGAGGGGAAGAGC AA $\operatorname{A} A \mathrm{~A}$ GGAAGGGGCCCCCCGAAGAAGGGGGGACGAAGGGGGGGGGAAAG CAAAAAGGGGGAAAGGAAGAGAGAAGCAAAGGAAAGGGAGCAGAGGGGCA ACAAAACAAAAAAAGGAGACGAAAGAGAGGAAAAGGAGGGAAGGAAAGGG GGAAAAGGAACCGGAAAAAAGGGGAAGGGGAAAAAAAAAAGGGGGGAAAA AAAAAAAAGGGGGGCCGGGGAAGGGGAAAAGGGGAAAAGGAACCGGGGA A G G G GCCGGGGAAAAAGGAGAGGCCGAAAAAGGAAAAAAAGGGGAAGGGG AAGGAAAAAAAAAAGGAGGGGGAACCCAAGAAAAGGAAGGCCGGAAGAGA AGGAGAAAAAGAGGACAAGGCCGGGGGAAGAAAGAGACGGAAGGAGAAAA AAAAAGAGGGAACCGGGGGAACAGGAAAAAAAAAAAAAGAAGCAGAAAAA AAGGGGAAAAAAAAAAAAGGAACCGGGGCCAGGGAAAAAACCGGAAGGAG CAGGGGAAACGGAGAGGGAGGAACGGGGGGAACCACGGGGGGAAACGGA GAAAGGAGAGAGGACAAAACCGGAAGGAGAGAAAGAAAAAGAGAGAAGGA AGGGGAAAGAAGGCCCAGGGGAGAACCGAAGGAGGAAGGAGGAAGCACAA A G G G G G A GAGAAACCAAAAAAAAAAAGGGTTAGCGGAAGAAAAAAAGAGA AGGAAGACCCCAAAAGGGGGGAACCGGGGGGAGAAAAAAAAAAAAGAAAA GAGAGGGAAGGGGAGAAGGGAAGAACCGGAGGGAGGAAGAGGAAGGAGA A GAGGGGGGGAGGAAAAAAAAAAAAAAGAAAAAGGGAAAGGAGGACAGAA AA G GCCGGAGAAGGGGAACAAAACGGAGGAAAAAAAGAAAGGGAGGAAGG AAAGGGAGGGAGGAGGGGGGGGAAAAAAAAGGAAAACCAAGGGGGGAAA GAACCAAACGAGGGGAGAGAGCAGGGGCCGGGGAAAAGGGAAAAGGGGA AGCCGAGGAACCGGGGGGGGACAGCAAAAAAGAAAACCGGAACCCCAGAA
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 AA $\operatorname{l}$ GGGAGGGGGACAGGAGGGGAAAGGGGAGGCCAGGGAAAGGGAAGGA CACGAAAGAGAGGAGAGGGAGGAGAGGGGGAAAAATAGATAAGAGGGACG GGGGGAGGGAACCAAAAAGAGGGGAAAGGAAAGGAAGAAGGAGGAAGAC GGCAGGGGAGGAAAGGGGCCAAAAAACCCCAAACAACCAAAGGAGGGAAA GAAAAAGGCGGGAAGAAAAAAGAAGAGGAACAGAACACAGCCGAGACACA AAAAAGACAGGAGAAGAGATAGAGGAAGAACAAAAGGGGGGGAAAAAGGA

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G G G A G G A A G G G G G GAAGGGGAAAACCCCAAGGAAAACCAAAAGGAAGGCC GGAAGGCCAACCGGAACAGGCATTAAAGCCAAGGACGGAGAGAAAAAGGG AGGGGAAGGGACAGCAAGGGGAAAAAGGAAAAAAAAAGGGCCGGAAGGAA A G A G A G G G G AAACCGGGGGGGGAGGGGAAGGGGGAAGGGGAAGAGAAAC AACGAAAGGAGGAAACCGGAAAAGAGAAAGAGGAGAACAGGGGGGGGAAG AAAAAGGGGAGTTGAGGAGAGAGAAGGAAGGAAAGAGGAAGAAGAGGAGA AAAGGAAAAGGCCAGAGAAAAAAAGACACGGAAAAAAAAAAGGAAAAAAA AGAGGAAAGAGAAAAGAAGAGGGAGAAAGGAACAAGGAACCGAAGGGGGG GAAGGGGAAGAGGGAAAGGAAGGGACCTTTTGGAGCCACCAAGAGACGGA GAAAGCCGGGGGACCAAAAGGAGAGGGAAGGGAGCGGCCAGAAAGGAGAA AAAAAAAAAAGGGCAACGAACGGGGGAAAAAAGACCAGGGGGGAGGATAA AGGCCGAAGGGGAGAAGGGAAAACCGGGGCCAGGGAAAAAAGGAGGAAG G G G GAAAAAAAGAGGGGGGGAAAGAGAGGAGACCCCAAAGGGAAAACCGG CCCAGGGAGAAAAAGAGAAAAAGGAAAGAGGGAAGGAAAGCGAAAAACCC AA $\operatorname{A}$ GAGGAGGGAGGAGAGGGGGGGCCGAAGAGGGGGGGAGGGAGGGAAA AAAACGGAGGGGGGAGGGAAGAAAACAAAAAAAGGCAGAAAGAAAAAATG G G GAAAAGGGGGAAGACAAGAGACAGGCCGGCCGGGGACAAACAACAAAA AAAGGAAAGGGAAGGAGGAGGAGGGAATTGGACCACAAAAGAAGAAAAAA AGGTTGGCCGGAAAAAAAAAAGGAATTCCGAGAAAGGAAGGAAGGAGGCA AGGCCCCAACCGGGGAGAAAAGGGGCCAAAGAAGGAGAAAAAACCAGCCA GAAGAGAAAGGAAAAGATTAAAGAGCAGGCCGAAAAAGGCCAAGGAAAGG GAAGCCCGGTTAAAGGAAAAGACGGGGAGGGAGAAGGAGAAGAAAAAGGA AAAGAAAAGAAGAAAAAAAAAGAGGAAAAAAGGCCGGAAGGCAGACCAGA AA GAAAGGGGGGGACGAAGTACAGGACAAGGGAAGAAGGAACCAGAAAAA AAAAAAAAAGGAAGGCCAAGGCCCCAAGGAAAAAACCAAGGGGAAAAAAA AAAGGAAGGAAAAGGAAGGAAAAGGGGGGAAGGAAAAAAAAAAGGAAAAG GGGAAGGGGAAAAGGAAGGAACCGGCCGGGGAAGGAAGGGGAAAAAAAA GGAAGGAAAAAAGGCCAAAACCCCCCGGCCAAGGCCGGGGAAGGAAGACC AGGAGGAAAAAGAGAGGAGGAGGGAAAGAAGACCAGGAAGGGGGAAAGAC AAGAAAAGAAAAAGCAAGGGGGGGGGAAGGGGGGAAGAGGGGAGCCAAG GGGAGGAAGGGGAAAAGAAGGGGGAGGAAAACGAGAGGGAGGGAAGGGG AA $\operatorname{A} G \mathrm{G} G \mathrm{G}$ GAAAAAAGGAGGAGGCCGGAGGGAGGGAGCCAGGGGGCAAAA ACCTTAAGGGGAACCGAGGGAGAGGAGAGAAGGAAGAAGAAGGAGGGCAA G G G GA GA G GAAAAGGAGATGAGGACAAGGAAGGGGAGGGACAGAAGGAA AA G G G GAGAAGGGGAAGGGGGGAACCAGGGGAGAGAAGAAAAAAAAAAG GAA $\operatorname{l}$ GGAGGGGAGGGGAGGAAGAGGCCAGGAAGGAGGAAAAGGAAGAGG G GAA $\operatorname{A}$ GGACGACGGGGGGGGGAGAGAGGAGCCAAGAGGAGGAGGGGAGG GAAAACCGAGAGGAGGAAGAACCGGAGAGAAGGAGAGCAGGAAGGAAAGG AGGGGGAAGACGAAGAAGAGAGAGAGAAGCCAGAAAAGGGACAGAAAACG GAGGGAAGGGGAAAAGAAAGGGGCAAGAGAAAACCAAGGGAAGGAAGGG G GAGAGGGAAGGAGAAGAAGAGGAGGAGCAGGGAAGAAGGAAGGAAGGA AGAAGAAGGTAAGACAGCCAAGGGGAAAAAAAAGGGGGAAGGAAGGACCG GAACCGGAAGGAGAGAAGGAGGGAAGGAACCGGGGGGAAGGAAAAGGGG AAAACCTTAAGGAAAAAAAAGGGGAAGGAAAACCAAAGGGGGAAGGAAGC AGCCAAAAGGGAGAAGAGAAGGGGGAAGAGCAGGGAGAAAGGAGAAAAAG GAGACAAAGGAAAGGGAGGAAGGAACGGCCAAACCAGACCAAGACGAAAA GGGGCCGGAGACAAAGAAAGGGGGGGAGAATTGGGGAAGGAAGGGGGGA GGGACCCAGAAAAGAACAAGGAACCGGGGAAAGCCGAAGAACCGGGAGGA GAAACAAAAAAAAAAAAAAAACCAAAAAGAAGGGAGGGGAACAGGAAGGA AGGGGACAAAAGATTAAGGAGGGGAGAAGAAAAAGAAGGAACCAAAAAAA AGGCAGGAGAAGAAGGGCCAAGAAAGGGACCGAAGCGAAAAAAGGGAGGA GAAAGGGAAGAAGGAAGGAGAACGGGGGAAGGATACAGGAAGAGGGGGG G G G GAA G GAAAAGGAGAGGAGGGGCCGAACGGGGCAGGAGAAAAGAAGG GAGGGAGAGAAAAACGGGAGGAGAAAAAGGAGGGAAAACAGAGGGGGGG AA G G ACA GCCAGAGGGAGGACAAAGGGGAGGGGGCCGGGAGGAAGAGGA AAAAGAACCAAAGAAGAGAAGCAGACAAAGAGAAAGGAGCAGACAAAGGA AAACAGGAGAACCGGGGCCGGGGAGGGGAGGGGACAAGGAGAAGGAAGG AAAAGGGGAGAAAAAACCGGCCAAAAAGGAAGAGGGAAAAGGGGAAGGGG AAAAGGCCGGGAAAGGGGAGAAGGAAAGAGGGGGGGGAAAGAAAAGAAAA GGCCGGGGGAACAAGAGAAGAAAGAAGGAAAGCCGGACAAAGAAGGCCAA ACAAGAGAGAACGGCCCCGGAAAAAGAGGGCAGAGAAGGAGAGGGGCAAA

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AA G G G G GACCGACCGGAAAAGGCCGGGGCATAAGGGAAAGGGGGAAGGG AACAAGAGGCCGGGGAAGGAAGGCCGAAGGGGGGAGGAGAAAAAGAAAAA AAAAAAACCCGGAGGGACAGGCCCCAAAAAAGGAGCCGGAAGGAGAAGGA GGAAAAAGGACAGAAACGGAGAACAAAAAGGGGGGGGAGCCGGGGGGGG CCACGGAGGGAAAAAGCAGGGGAAAAGACAAGAGAAAAGGCAAAACGGAA AA $\operatorname{l}$ G GAAAAGGGGGAGCCAGCCGGAGGGAGGGGAGGAGGGGAAAGAGGG GAAGGCCGGCCAAAAAGAAGAGGCAAAAAAGACGAGGGGGAAGGAAGAGG GAACCGGAACCAGGGAAGGCCAAAACCAGCACCAAAGAAGGAACAGGGGG GAAAAGGGACCAGGAAAGGACGGCCACCCGGAAGGGGGGAAGAAAAACAA AAAGGGGGACAAGAGAACCAACCCAGGAAGGGGAAGGGGGAAAGGAAAAA AGAGAGAAGGAAAGGAAAGAAGGGGAGAAGAGAGAGAGAAGCAGGGGGA AGAGAAAAGGAAAAGGAAAAAGAGGAGGAAGACAAAAGGGAAAAGGAAGG AGGGCCTTAAGGAGACCCAGGGGAAAAAAGAAACACGGGGGGAAGGAAGG AGAAGGGGGAAAAGAGGGCCCCAAGAGAAGGGCCGGGACCGGGACCAAGG AA $\operatorname{A}$ GAGAAAGGAGGGGGGGGGGGGGGGGAAGGAAGGAGCCAACAAAGAA AACGAGGAACCAAAAAACCGGAAAAACGGAAGGGGGGGAACGAAAGAGAA AAAGGGGAGGGGGAACCGGAACCAAGGAAAAGGGGGGGGAAAAAGTTGA G G G G G G A A A A A G AC G GCCGGGGGGGGAGGAGGGAAGACAGAGCCCAGGT TA $\operatorname{l}$ GGGGAGGAGACAGAGGAGGAAAAAGGAGCCAAAAAAGGGGCCGGAAC CCCGAGAGGGGAAGAGGAACAAGGGGGGAAAAAAA的的GGGGGGGGGGAA GGGGTAAAAAAGAAAACCCGAGAGAGGGGAGGGAGGGGGGAAGGAAAAAA G G AC C G G GCCGGAGAATAAAAAGGGGGGGGGGAGAAAAAAGGAAAAAGG G G GAA $\operatorname{G} \operatorname{GGGGACCAGGAGAGGAAAAAGGGGGGGAAGGAGGAAACCCCGA}$ G GAAAAGGAAAGGGAAGGGAAGGGAAAAAAGGGAAGAGGAAACCGGTTAG CCCAAAGGGAAGGAGAGAACGAAAGAGGGAGAAGCCAAAAAGCAAGGGGG GAAACAGGAGGGAAAAGAGGAGGGGGGAGGAAAAGGAGAGAGAGGAAAA CGGAAGGCCGGGGAAAAGGGGCAAAGGGGGAAGGGAAGAACACCCGGGG GGAAGGAAAACCAAAGAAGAGGGAAAGGATAAAACCTTAAGGAAAGAAAA CCCCAGAGAAAGAAGGTTAAAAAACCGGAAAGAAAAGGCCGGAAAAACCA ACAACCAGGGAAAAAAGGGGAAAAGAGGGGGGGAGAGAGGAAGGGGAAG G GACAAAGGAGAAGGCCGGGAGGAAGGAAAAGGAGAAAAGGCAAGGAACA AGAGGGGACGGAAACGAGACCGACCGGGGAAGGAGAAACAAAGAGAGACG GAGCAAGAAAGAAGGAGGAGAGAGGGAAAAAAAAAAGGGAGACAACCAAG GGGACTTGGAAAACCCCCCGACCGGAAGAAAAGAAAGAGCAAAAAAGAAA GCACCAGGAGGGGATGGGGAGGGGGGGAACAAGCAAAGGAGGGACCCGA GGAAGAGGAAAAGAGGAGGGGAAACAGAGGAAAGAGGGTTAAAAAAGACC CCGAACAAAAAAACAAAGAAGGGGAAAAAGAGAGGGCCGGCCCCGAAAAA CCGGCACCAAAGGCAACCAAGGAAAAAGAAGGGAGGAGAGAGCGAACAGG AGGACAGACAGGAAGGACGCCAAGGAAAAAAAGGAACCCCAAAAAAAACC GGCCGGAAAAGGCCCCGGGGAAAAAAAACCAAGGGGGGGGGGGGCCGGG G G GAA G GAA G G G G G GAAAACCAA G GAA G G G GCCGGGGGGGGGGGGGGAA G G G GAA G GAA G GAAGGAAGGGGAAAAAAGGGGAAAAGGAAAAGGGGGGG GAAGGAACCAACCGGCCGGGGAAAAAAGGGGGGAAGGAAAAGGGGGGAA GGAAAAGGAAGGGGGGGGGGGGAAAAGGTTGGGGCCGGGGAAAAAAAAG GAAGGTTAAAAAAGGAAAAGGGGAAAAAAGGAACCAAGGAAAAAAAAGGC CGGAAAAGGGGGGGGGGAAAAGGGGAAAAGGGGAACCAAAACCGGAAGG AAAAAAGGGGCCGGGGGGAACCGGGGAAAAGGAAAACCAACCGGAAAAAA AAAAGGGGGGGGGGAAGGGGGGGGAAGGCCGGCCGGGGAAGGAAAAAAA A G G G GCCGGAACCGGGGAAAAGGCCAAGGAAGGGGCCGGCCGGGGCCGG CCGGAACCAAGGAAAACCAACCGGAAAAGGAAAACCCCAAGGAAAAAACC AA $\operatorname{G} G \mathrm{GG} \mathrm{G}$ GAAGGAACCAAAAGGCCGGAAGGGGAAGGCCAAGGGGGGAAA AAA $\operatorname{A} G \mathrm{G}$ GAAGGAAGGAAAAGGAAAAGGAAGGGGAAGGGGAAAAAAGGGG CCGGAAAAGGGGAAAAGGGGCCGGGGGGAAAAAAAAGGAAGGCCAAGGG G G G CCGGGGAAGGGGGGAAAACCAAAAGGAAAAGGGGCCGGAAAAGGTAA CGGAGGGGGGAGGGGGAGGAAGGAAAAGGGAAGGAAAGGAACCACGGGG GAGGGGAGAAAGGGGGGAGGGGGGCACCGGAAACAGAGACGGCCAGACA AAACCGGGGGGAAAAGGCCAAGGGGAGAAAAAAAGGAAAAAAGAGAAAAC CGGAAGGCCGGAAAAAAGGCAAAAACAAAGGAGGGAAGGAAGGAAGGAGA AAGGAGGGGAAGGAAGGGAGGGGCCAAGACCAGGGGGGGGAAACCAAGG G G G G G G A A G G A G A A G ACGAGCCGGGGGAGGGGAGAGAGAGCCAGGGGGA AGGAAAAAAAAGAAGGGAGAGAGAAGGGGCCGGGAAAAGGGCCGGAAGG

G G G G G G ACGGAAAAAGGGAGGGAAGGGGGGGGGGGGGGAGAGGAGACAA GACGGAGGAGGGGCCAAAAGATAAAAGAGAGAAAAGGGGAAAAAAGGGGG GGGGGAAAAGGAAAAAAGGGGGAGGAAAAAAAGGGGAGGAAGGGAAGGA AGGGGGACAGAAGGGGAACCGGAAGGCCAAAAGGGGCCGGACGGGGAGA ACAAGACAGGAAAGGAACCAGGGGGAGCCGGAAAAAAAAAAAAGGGACCA AAAGGAAAAGGAAAAAAACGAAAGGAGGAAAAAGGCCAAAAGAGAGGGGG AGGAAAAGGCAAAGGGGAGGAAAGAAAACAGGGAAAACCAAAGGGCCAAG GAAATGCAAAAAGGGAAGGAAGGACAGCAGGAAAAAAGGGAAAAATTGGA A G GAA $\ln A \operatorname{GGG} \operatorname{GA} \mathrm{G}$ GACACAAGGGGGGGGGGGAGAAGGCGGACACCGAGG
 AAAGAAAGGGAACCGCAGAAAGAGAAAAAAGGAAGGCCGAGGACCCCCAC AAGGCAGGAAAGCCCCAGGAGAAAAAAACGAGAAAGAGGGGAAGAACCAG CCCCAAAGGGAAAAAAGGGGGGAGGGGGGAAGGGAAGGGAATAGACGAG GAGCAAGAACAAAGGAGCCAGAAAACACAGGGGAAGGACCCAACCAGGAG GGGAGGAAAACCCGGATTTAGAAAAAGGGGAGGGCAGGAGGGGCAAACCA GAAAACCGGGAAACCGGAGGGAAGGAAAAAACCGGAACCAAAAAAAAGAC GGGAAAAAGAGAAAGAGGGAAAAAGGGCACCAAGAGGGAGGAGCAGACGC AGAGGAGAGAAAGGGGGAAAACCGGAAGAGGAGAGAAAACCGAAGAGAAC AAAAAGGAGGACAAAAGAAAAGGAGAAAAGAAGTAGGAGAGGGGAAAAAG G GAGGGAAGAAGGGAGGAGAGGGAAGGCCGGGGAAAAAAAAAAAAAAAAC CGGAGGAGGAAGGAAACCCGGGGGGGAAAGGAGGGAGGGGGAAAAGAGG AACAAAGGGGGGCCGGAGAACCCAGGAAGGAAGGAACAAAAGAGGGGGGG G GA $\operatorname{GAA} \mathrm{A}$ GGGGGGAACGAGGAAGAGGGGGAAAAAAAACGAACGAAAGAG GAAAAGGGGAGAAGAAGACAGAGGAAGGGAGGGAAGGAAAAGAGAGGGA GGGAAAAACCAGGAGAAGGGAACCGGAAGGAGAGGAAGATAAGCGGGGAC AAAGACAGGGCAAAGAGAAAAGAAGGAGAGAAGAAGGGGGGACCAGCCGA AGGGAGAGAAAAAAGGAAAAAAAAAACCAAAAGGAGGGGAAAAAGGGGAA G GAGGGCCGAGAGAGGAACAGGGGGGGAGGAAGGGAGGGGGGAGGGAAC AGAGGAAAGAGGGGGAGAAGGAAAACCACGAAACCGGAAGGCCCCGGAAA AAACCAAAGAAGAGAAGAGGGCCAAGGGGGGAGAAGGCCCAAAAAAACCG GAACAGGACGGAGAAAAAACCGGGGAAGGCCGGAAAAGGAAAGAAAAGGA CAAAGAGGGGGGAGGAGGGAGCCAGAAAAGAGGGGAGAAGGAAAAAAGG GAGGGAGAAGTTGAAAAGAGCCGGAGGGGGAAAGAAGGAAGGGGGGAAC CGAAAAGGGGAAACACGAAAACCGGAAAAGGAAGGAGAAAGCACAAAAGC CGGCCCACAGGAAAGGGAAGAAGGGGGCAAAAAGAGGGGAAAAGAAGAAG G G G ACAGGAAAAGAAAGGGAAAAAAAGGGAAAATTGGAAGGGGGGAAAAG GCACAGGAAAACAGGGGCCAAGGGGGGGGCAGGGGGACAAAAAGAGGGG AAAAGGAAGGGGGGGGGAAGAAAAAAGAAACCAAGGGGAAGAAACCGGAA G GAGAAAAAGAAGGGGCCAAGGGGGGAAAAAAAAAAGGAAAAGGAAGGAA AGCCGGAAGAGAGGAACCCCGGAGGGAAGGAGGGGAAGAGCAACAAGGGA AGCCGACCAGCCGGAGAAAAGGGACCAAAGGGGGGGTTAACGAAAGAAGA AAACGGAAGGAGGGAAAAAGAGAAAAAGGGGAAGGAAGGAGAAACCAAAA GGCAGGAAGGGGAGGGAAGAAAAGAACAAGAAAACCGGGGGGCCCCGGAG A G G GCCGGGGGAAGGAAGGGGAAGGAAAAAACGGCCGGGGACGGGGAGA AAAGGGGCCAAAGAAGGAGGGGGTTGAAAAAGGCCAAAAGGGCGGGGGG CCGGCAAGGAAAAGAACCAAAAGAGGAGGGGAAAGGGGAGAGGACCAGAA GAAGGGGGAGAAGGAGAAAAGAGAGGAACCGAAGAAAAAAGGAGGGAAAA AAGGGGGAGAAGGGCCAGGAATAAGACACAGAAGGGCCAGAAAAAACCAA AA $\operatorname{G} G \mathrm{G}$ GGGCAAAGGGAAAAGACAAAGGAGAAGACCCGGGGAACCGGAGAC CAAAAGAAGCGCAAGGAAGGACCCGGAAGGAGGGAGACAAAGGAAAGGCA AA G GAAGGGGAGGGAAAAGGCCGGAGGGACCAAACCGGAAAAGGAAGAAG CCGGAGGGCCCAAGCCGGGAAAAAAGGAAAGGACAGGAAAAAAAGGGGAG A G G GAACCAAGGGACCCCAACCGGAAGAAAAGGGGGGAGGGGAAGGGGG AAAAAAAGGAGAGGAAACCGAAAAACGGGAAAAGGGGAAGGAAAAAGAAA AAAACGAAAGAGCGGGAAAAAGGGAGAGGAGACGGGGGGCCGGGGAGAA GGGGAAAAGGGAGGGGGGGGCACAGGGGAAGGAAAGAGGAACGGGGAGG GAAAAAAACAAGGGAAAAAGGAAGGGGGGGGCAGGGAAAGAGGAAGAAAA GGGAGGAAGATAAGGAAGGAAGGAGGGGAGAAAGGAAGGGGCCAAAAGA GGGAAGAGGAGAGAAGAAGAAGAGGAAAGGGAAGGAGGGGAAAAAAAAAC ACGAAAAAAGAAAACCCCAAGGCCGAAGTTAAGAGGGGGGCCAGAAGGAA CAAAAAAAAACAAAGAGGGGAAAGGGAAGGGGAAAGGGACCAAAAAAAAA

G G A GCCGGGGGGGAGGAAGAGGGGGGGGGGGGCCGGGGAAAAAGAAGGG GAA $\ln$ ACAGGAGGGGAGGGAGGAGAGGGGAAAAGCAGGGAGGAACACCGG ACAGAGGAGAGAGAGAAAGAGGCAGGCCCAAAGGGAGAAGGAGGGGAAAC GGAAAAACAGAGAGAAGAGGGGCCAGGGAAGGAGAAGGGGAGGGAGCCG G G G A GAAAGAAGGCCAAAAAAAAAAAGAAAGGGGGGGAAGGAAACGAGAG AAAAAGGGGGGCCAACGAGAGGGGGGGAAGGAGCCAAGAGGAAGGCCAAA GGGAGGAGGAAAAAAAAAAAGGGAAGACCACAAGAAAAGAGAACCGACCG GAGGAGGAAGAAAGGGAGGAACAAAAAACGAACGGGAGAAGAAAAAGAGA GAAGAGGAAAAAAAAAAGGGGAGAGAGAAAGAATTGAGAGAACAAGGAGA AA $\operatorname{GAA}$ A G $\operatorname{AGG}$ GACCAAAAAGGAAGGGGGGGGGCCGGCCAAAGACGAAAGGG AGGGGGAGGGGGGAAAAGACAGGAAAAAGGGCCAAAGAGGGAAGGGGGA GGGGAAGGGGCCGGAAAAGGGAGGAGGACCAAGGGGGACAAGGGAGAAA AAAAA
$28119000-9$ AA G G G GACAGAGGGGGAAGGGGGAAAAAGGGGCCAAAGAACC CCCCAAGGGGGGCCGGAAGGGAGGCCGAAAGGAACCAAAAGGGGAAAAGG AACCGGGGGAAGACGGGGCCGGGGGAAGCCAAGGAAAGAGAAGAAGAGG G G GCCGGAGAAGGGAGGAACAAAGAAAGGAAGGCCAGAGCCGGGGAAAAA AAAGGGAGAAACCAAACGGACAAGGGGAAGGGGGGAAGGAAAAAAGGCCG GAA G G G GAA G G G G G G G G G G G G G G A A G GAAAAGGAATTGGAAGGAAAAAA AAGGAACCGGAAAAGGGGAACCGGAAGGCCGGCCAAGGAAGGGGAAGGG GAAAGAGGAGGAAGGAAAGCCAGGGGGAGAGCAGAGGAACCGAGAAAAAG AA $\operatorname{l}$ GAGGGGCCGAGGGGGAGAGGGAGGAACCAGAAACCCGGAGAAGGAA AAAGCAAAAGATGGAAAAGGGGGAAGAACCGAGGAAGAGACATTCCGGGG CCGGGGCAGAAGCAAGAAAGGAAACAAAGAGAAAGGGGAAAACCGGAAGA AGAAAGAAAGGAAAGGCAGAGGGGCCGGGGGGAAAAACAGAAGAGAACGA AAAAAAGGCAGGGAAAAAGGAAAAAAGGGGGGGGGGGAGAAAGAAACCAA AA G G G G G G G GCCGGAAGGAAAAAAAAGGAAAAAAGGAAAAGGGGGGAACC AA G GAAAAAAGGGAAAGGGAAGAGAGCACCCCCGAGGGGGGGGGGGGGA AAAAGAAGAAAAAAAAACCGGAAGGGGCCAAGGGAAGGGCCGGATAGAGG AAAGGAAAAACAAAAAACAGAGAGGAACATAAGCCGAAAGGAGAGGGGAG AGGAAAAAAACGAAGAAGGAAACGGGGAAGGGGCCAAACAAGGCCGGCAC CAAGGAAAAAGAAAAGGGGGAAAGAGAAAAGAAGGGAAAGGGGCCAAAAG GAGAAGGAAGAGGGGAAGACCAAGGGAAAGAGGGGACAAGAGGAAACGG GATAACAGGAGGAACCGAAAAAGGGGAAGGGGGGAAAGGGAAGGGAGGA AAAGGCCGGGGAAGGTTAAAAGGGGGGAAAACCAAAAAAAACCAAGGGGA AGGAAAAGGAACCGGAAAAGGGGCCGGAAAACCAAGGAAGGGGAAGGGGA ACCAAAAAAAACCGGCCAAGGAAGGAAGGGGAAGGGGGGGGAAGGGGAAC CGGAACCCCGGGGAAAAGGAAGGCCAACCGGCCCCAACAAAGAAGAAAGG AACAAAACCGGGGAGGGCAGAAAAGAAAACCGAGGAGGAGGGGAAAAAAG GAAGGAGCCAGAGGAAAAGCCGGAAAAAGGAAGGGAGAAAAGGACGAAAA GCAGAGACAGAAAGGGGAATAAAAGAGGGCCAAGGAAAAAAAAGGGAGAA GAGTAGGAGCAAGAGAGCATTGGCAAAAGGAGACAAAGGGGAAAACAGGG AGGGGAAGGAAAAGGTTGGGGAAGAGAGAAAAAGGCCAAAGAGGGAAAAA ACCGGAGAAAAAAAAGGGGAACCGGAAGGACAAAGGGCCAAAACCAAAAG GCCAGCCAAAAAAAACCGGAAGGAAAGAAAAAAAACCAGAAAGAGGGAAC AA G G G G G G GTTAAGGGGGGGGAAGGGAGGAAAAGGGAAAACAAAGGATA AAAGGAAGAAGGGGAAGGGGAGGGAAAAGGAAGGGGGGGGGGAGAAGGA AAAAAGGAAAAAAGGAACCGGGCAGGAGAAGAGAAGGGGGGGGGGAACCA GAGAAAAAGAAGGAAGAAACCACGGAAAGGGAGCCAGGGACGAGAAAAGG GAGGGGGAAGGGGAAAACCCCAGAAAGAACCAAGGGGAGGGCCAAGGGG GGGGGAAAAAACAGAGGGAGGAGGAGAAAACCAAAGAGCCCCAAAAAAGA AAAAAGATCAGAAGAGCCGGGGAACCAAAAAAGGCCAGGAGAGGGAGGGG GGAGGAAAGGAGAAAACCGGAGAAAAGAACAAGGGGAAGGCGGGGGGAG GAGAAAAGAGGCCGACCGGAACACAAAAAGAAAAAAGGCAAAAAAAGAGG AGGGACAAAAAAAAAAAAAGGAAAAGGAAAGAGACAAGGAGGGAGAAGGG AAAACGCAGGAAGAAAAAGAACCAGAAAGAACCGGAGGGAAAAACGGGGG GAGAGCAGGACAAGGGAAAGGGAGGAAAAGACAAGAAAACCGGAAAGGGA AAACAAAACGGCCGGAGGGCCAAAAGAAGCCAAAAGGAAGGAAGAGACCA GCCGAGAAAAACCCAGAAGAACCGACAGGGAGGGAGGAAAAGGGAGAAAG GAAGGAAGGAAAAAGGGCCAAGGAAAAAAGAACAAAGGGAAGAGACCACA AACAAGGAGAAAGGAAAGGCCAAAAGGCCGGGGACGGAAGGAAAAAAGGG

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G G A A G GAAGGGGGGAGAACCCACCGACAGGAAAGGGAAAGAAGGAAGGGA GGAAAAGGGGGGGGAGACGAAAGGACAGGAGGAGAGAGGGAAAAGAACG AGGGGGAAGCCAAGAAAGGCCGGAAAAAAGGGAGACCGGAAAAGGAAAAA AAACAGGAAAAGGGAAACCAGAAGAAAAAAACCCACCATGGAGAAAGAAG GAACCAAGGAAGGGAGGGGAAGGAAAAGGAACCAAGGGGCCGATAGAAAG GGGCCAAGAGGAAAAAAAAGGAAGGAAAAGAGGGGAGAGCCGGAGGAAGG GCAACAAAGAAGGGGAAAAAAAAAAAAGGAAAAGGGGCAAAAAAAGGGGA CGGAAGAGAGAACCCAGGAAGAAGGAAAAAAGGGGAACCGGCCAAAAGGA GGGAAAGGGAAAGGAGAGAGAGGAAAGAGGGAAAAAGAGGACCAAAAGGA GAAAAAAAACACAGGGGAAGAGAAGGGAAAAAAGGGGAATAAACAGGCCG GAACGAGTTAAGGAAAAAAGGAAGGAGAAAGGAAGAAGAGAGAAGACGGA GGGAAGGGGGGAAAAGGAAAAGGAAAAGGAAGGGGAAAAAAGGCAGAGA GAGAAAGAGAACCAAAAAGAAAAAGGGGGGGGGGGGGGGGAGCCAGCGA GGGCAGGGGCAAAAAAAGGGGGGGGAAACAGAGGAGGAAGAACAAGAGA GGAACCAACAGGAAGGGGTTCAGAGAGAAAAGGAAAGAAAAAAAGATAGA GGGGAAAAAAAAGGGACACAGAGAAGAAGGAGAAGAAGCGCAAAGGGGGG G G G GAACCGGAACCGGAGGAAGAGGGAACGCCCCAAAGGGAAGCAAAAAG AAAAGACCAAGGGGGGAAAAGGTTAAGGGGAACCAATTGGAGGGGGAGGG GACAGGGGAGGGAAGGAGGGAGAAAAAAAAGGAGGGAGGGAGACGGGGG GGGGGAGCAAGAACCGGGAGAAAGGAGGGACGAAGGGAAAAGAGACCACG G G G AA G GCCGAGAGGAAAAGGGAAAAGGAAAGGGGGAGGAAAGAAACGG AA G G AA GAA GAAAGGGAAAGAGAAGGAAGGAAAAGGGGGAGGCCAGAAAA A GAGGGGGGAGGGGGGAAGGCCAAGGGGCAAAAAAAAA A G GAGGGAAGGG A G G A A G GCCAAGGAGGGGGGAACACAAGGGGAAGGAGCCCCAGGGCAGAA GAAGAGGGGAAAAAAGGGGCAAGGAAAAAGGAAACAAGACCCCCCAAAGA AGAGGAAAGAAGAAAAAAGGGAAGGGGGGCCAAGAAACAGGGGAACCACA GGGAAACAGGGGGGGAAAACCGACCGGCGAAAAAAAGGGGAGGGGAAAGA AAGATCCAAGGAAGGAAGGAAAAAGGGCCAGGGAGACAGGGGGAAGGAAA AGGGGAGAGGAAAGGGGGGAAGGCCAGCCGAGGAAAGAAGGAAGGGGAA AGAGAAGGGGGGGAAAGAAAAAAAAAGGGAAGGGAAAAGAAAAAGGGAGG A G G G GA $\operatorname{A}$ GGGGAGAGCAGGAGAGGGGGGAAGGGGGCGGAAAGGAAGGGG GGGACAAGAAGGGGAAAGGAGGGAACCGGAAAAAAACGGAGAAGGAAGGG G G G GCGGCCGAAGGGAAAGGGAAAAGAGGGACCAAAGAGGGGGACAAGG AACCAACCCAAAGAAAAAGAAAGGGGAGCCACGGCAAGGAGGCCAAGGAG A G GA GAA G G G GAGGGGAAGGGGAAAAAAGGAAGGAAGGGGAGACAAAGA GAAAGAGAGAAGGAAAGGGGGAGAGAAAAAAAAAGGAACAGAAGGGGAGG GCAGGACAGGGCAAAGAAAGGAAGAAAGGAAGGACGGGGAAGGAGCCGAG GAGGGAGGGAGAGAAAAAAGGAGGGCATTGGACCCGGACGAAAGGGGAAA A G G A G G G G GAGGAGGAAACAGGGAGAAGGAAGGGAAAGGAGGACAGGGG G GAACAGGCCGGGGGAGGGAGGAAGGGGGGCCAAAAGGGGAACCAAAAG GAAGGCCAAAAAAGGAAAAGGGGGGGGGGAAAAGGAAAAAAGGCCAAAAG G G G G G G G G GAA G G G G CCAAAAAAAAGGTTGGGGGGCCAAGGGGAAAAAA AAGGAAGGAAGGAACCAAAAAAAAGGCCAAGGGGAAGGGGAAAACCAAGG G G G G G G G G T T A A T T G G G G G G G G A A G G A A G G G G G G G G G GAA G G G G A A G G A AAAAA $A$ GGGGGAAGGGGAAGGGGGGGGGGGGGGGGGGCCGGGGGGAAGG G GAAAAGGGGAAGGGGGGGGGGGGAAAAAAGCAAAGATGAACCAAAGGAA GGGGGAAAAAAACCGGGGAAAAAAGGAAGGGGGGAAGGAAAACCCCAAAA G G G G G G C C C CCGGAACCAACCAACCAAGGGGAAAAGGGGGGGGGGGGA ACCGGAACAGAAGAAAGCCCCGAAAAAAGGACCAGAGAAGAAAGGAGAGA AAAACAGAGAACAAGAGAAAGAAGGACAGCCTAGGCCGAAAAGGGAAAGA AAAGGGGCCAAGGGGGGAAAAGGAAAAGGAAAAGGAAGGAAAAGGGGAAG GAAAAGGGGCCCCAAAAAAAAAAGGAAAAAACCGGGGGGGGGGGGAAAAA A G G G G G G G G G GAAAAGGAAAAGGAAAAAAAAGGGGAAGGCCAAGGGGAA GGGAAAGGCCCCAAAGACAGGACAGGCCGGAACAGAGGAAGGCAGAAGAA GACCAGAGGAGGCCAAAAGGGGCCGGCCACCCGAAAAAAAGACCGGGAAA CCAAGGCCAAAAAAAATTGGGGGGGGAGGAGGGAGGGAAGGAAACCAAGA GAGAAAAACCAAGGAGGGGGGGCCAAGAACAAGGGAAAGGAGAGAAGAAG GGATGGGGAGAAGAGAGGAAAAAAAACCGGAAGAAAGGGGGGGGGGAAG GAAAACCAAGGCAAACCAAAAGAGGGGCCCCCCAGAAGAGAGGGGCCAAG GGGAACCAGAAAAGGAAGAGGGGGAAAACGGAGAGGGAGGGCCTAAGAGA G GAGGGGCCGGGGAGAGGAGAAGAGGGGAAGGGGGGGCCGGAAAGGGAG

AGGGCAAGGGAAAGGGGGGAAAGGAAGGCCCCGGAAGGAGAAGGAGGGA A G G G GAA G GCCGGAAGGAAAAGGAACCCAAAAAGGAAAGAAGGAAGGCAA G G G G G G GCCAAAAGGAAAATTCCGGAAAAGGCATTGGAAGGCCGGGGTTA AGACAGGAAAGGGAAAAAAAAAAAGAAAACCGAGACCAGAGGAAAACGGA AA G GAGGAAGGGGAAAGGGAAAAGGAGAAGAGGGGAGGGGAGAAAAATT A GA $\operatorname{A} A \mathrm{~A}$ GAAGGGGGAGGAGAGGAAAGCAGCGAGAAGGGAAAAGGAAGGC CAAAACCAAGGAAAAAAGGCAGGAAGGTTCCGGCCACAAGGGGGGACCCA GAAAGAACCAGCCCAGGGAGGGAGGGAGGAAAGAGGGACGGGGGGGGGG G G G GAGAGGAAGAACCAACAGGGGAGGGAGGGGGCAAAGAGAAAGGAGA AGAGACCGAGGCCTTCGGAAACCGGAAGGGGGGGGAAGGAAGGAAAGAAA AGGCCGGGGAGAAAAGAAGGAGGGAGAAGACAGAGGGAGGGGAGAACAC AAAGGACCAGCAAGAAAGGAGGGACAGACAAAAAGGGGAAGGAAACGGAA AGGGAAGGCCGGAAAGAAGAAGCCAAAAGGCCAAAGGGAGAAAGAAAGGG AGGAAGGGAAGGAAGAAGCAGAAACAAGAAGAGGAAGGGGAAGAAGAGGG AGAGGGAGGAGGAAGGAGAACGAGGAACGAGGGGAAAAAGAAGGAAGAAA AAAGGGGGGAGGGAGGGGGGCCAAAACCGACAAGAAAAGGAAGAGAAGG G G G GAGGAAGGAGACAAAGGGCCGGACCCAAACGGCCGGCCAAAAAAGGA G GAA $\operatorname{GAGCAGGGAAGACGAAAAAGGAGGGAAAAAATTGGGACCAGGGGGG}$ ACCGGGAAGGGGAGGCAGGCCCCCCAAAGGGACCCACAGCCAAAAGGCCG GAAAGGGGGAAAAAAGGGGAAGGGGAAAGAAGGAGAAGAAGGGGAAACCA
 AAAAGGGGAGAAGGCCGGAAAGCCAACCAAGGGGTTAAGGAAAAAAGGAA GGGGAAGGGAGGCCAACCAAGGGGAAGGGGAGCAAAGGGGGAAAAAGGA ACCAGAAAAGGAAAAGGAGGGGGAGGAAGAGGAGGAAGGGAAAGAAAGGA AAAGAAAGGGAAAGGAGAGTTGGGGGACAAAGGAGCCAAAAAAACGAAAG GAAGAAAAAGGACAGAAACGGACAAGACAAAAAAGCGAAAAGGAAACGGA AACAGAAGGGACGTTAGGGAAAGCAGGAAACAGAGGGGGAACAGAAGGAG GGAGGAAGGGGGGAGGGCCTAGATTAAGAGAGGCCGGAAGGAACCGGAA CCAAGAGGTTCAGAAGGAGGAAAAAAGGAAGGCCGGAGAGAAAAGGGGAA G GAAGAGGAAGGAGCAGGGGGAAGGGGGAAAAAAGGGGCCAAAAAGGAA AAGGGGGAAAGTTAGCCGGGAAGAGGAGGAACCAAGGCCGGAAGGAAGGA AGAAGGGAGACGGGGAAAAGAGAGGCCAAGGCCAAGAGAGGAGAGAAACG G GAAAGGAAAAAAGGGAAGAAAAGGAGGAAAGGAGAGAGGAAAGGAGGGA A GAA $A$ AA $\operatorname{A}$ G G G G G G G G G G GCCGGAAGGGGGAGGAAGGGGGGAACGACGG AAAGGAAGGGAGGGAGAGAGAAAAAGGAAAAGAAAGACGGGGGGGGCCG G G G CA $\operatorname{l}$ GGGAGCCAGGAGAAAAAGGAAAACAGATTGAGAGAAAGGGGGGA GGAAGACGAAAGAGGAAGGACAAAACAGAAACCAAATGGGAACGGAGAAA A G G G GAGGGAAGGAACGGGAAAGACCAGAAAGAAAGGGGGGGGGAGAAA AAAGGGAGAGACAAGAGGAGGGAGAAAGAGAAAGGGGGGGACAAAGGCAA GGGGAGCCGGAAGAACGGAAAAAGAAGGAAGGGGGGGGGGGGACAAAAC CGAAAAACCAAAAGAAACCGGGGAAAAAGGGCAAATTGGGGAGGAAGCCG GAAGGGGACAAGGAGAAGGGGCCAACCAAGGAAGGAAAAGGAAGGAAGGA GAAGGGACCGGAAGGGAAAAAAACCAAACAGAAAAGAGAGGGAAAAAAAA GGGAAAAGGAAAGGCGGAACCAAGGCAGGGGAAAAAAAGAAAAAAAAAAA AAAAGGAGAGGGGAAGGGGGGGGAAGAAGGGAAAAGAGGGGAAAGGGGA AGGAGGGGAAAAAAAGAACCAAGGGGGGGGAAGGAAGGGGGGGGGGGAG GAGGGCCAAGGAAGGGAGGAGGAGGCGAAGGAAGGCAAGAGGGAAGAGA GGAGGCAAAAAAGGAAAAGGGGAACAGAAGGGGAGGAGGGAAGGCCGGA AGGGGAAGGGGAGCAGGAGAACAGGATAAGGCAAGAAAAAAGAAAAAGGG G G A G G G G G ACACCGGAAGGGAGGAGAAGGCCAGGGGGGGGGACAGGGGG
 AA $\operatorname{la}$ AGCCAGGAAAGAAAGGGGAAGGAGAGAAGAGGACAGGGGGGGGAGA AAAAAGAACCGAGGAACCCAGGCCACGGGAGGAGAGAAGGAGAGAGAGAA AGGGGGAAAAAAGGAAGGGACCGGAAAAGGAAGGTTAAGGGAAAGACCGG GGAAAAGGGGGGAGAAGGAAGAGAAAGGGGGGGGGGAAAGACAAAAAAG AGGGAGACCGGCCCAAAGGGAAGGAGGCAAAGAAGAGGGAGGGAGGAGG G G G G G GAA $\operatorname{GACA} \operatorname{A}$ GAGGGCCAGGGAAAAGGCCAAAAAAGGAGCCCCGGAA GGATAACCAGCAAAAGAGAAAAAGACAAAGCCGGAAGAAGAGACCAAGGA AGGGAGAAAAGAGAAGAGGGAGGAAACCAAGAAGGGAGAAAGGGGGGGC CGGGGAAGGGAAAGGAAAAGAGGGGGGAAAGCGAAAAGAAAAAGAAGACA AAAAACCAGGAACACCCGGGGGGAAGGAAGGGGAAGGGGAAGGCCCCAAG

GGGGGGAAGAAGAAAAAAAAAAAAACCAAGAAAAATAAGCACCAGAAAGG GGGAGAAAGAAAAAAGGAAAAAAGGAGGAAAGGAGAACAGGAGAAAAAAC CCGCCAGAAAGAAGAGGCCAGGAAAACGGGAGAAAGGGGGGAGGGAAGGA AGGGGGGAACAGGGAAAGAGGGACCCCGGGCAAATGAGGAAGAAAACAGA AAACCGAGAGGCAGAAGCCGGGGTTAGGAAGGGAAGAGAGGGGGGGGGG AAAAGGGGCCAACCGGAAAAGGGAGGGGGGGGAAGGAAGGCCGAGGGAG GACTTACAGACAAGGAGAGAGAAGGAACGAGAGGGAGCAGAGGCCAAAGA AGACCGGGGGGAGCAGGGAAGAGGAAGAAAGGAAAAAAGACGAGAAGGGA GGAAAAACCAAAAAAAGCCAAAGAAAAACAACAAGGGAAAAACCCAAAGAG AGGAGGAGAGGGGGCCGGAAGGGGAAGAGGAAAGAGAAAACCGAGGAAG ACAAAGGAAAAAAAGAGAACAGGGGGGCCGAAGGAGAAAGGACGGCCGGG GGGCCAGAAAGAAACGAAAGGAAGACCACAAAGGCAACAAAAAGAGACGA AAAGAGGAACCGGAGAGGAAAGGAAAAAAGGGGAGGAGAACCCAAAGGAA AAAAAGAGAAAAACCGGGGGGAAGGGGAAAAGGCCGAGGGGTACCGGACA AGACAGGGGGGAGAAAGGAAGAAGGGGGGGGGAAACAAATTCCAAGAACA AGGAAGGAAAAAAGGGGGGGGGGGGGGGGCCGGGGAAGGAACCAAAAAA AAAAAAAAGGAAAAAAAAAAAAGGGGGGAGGATTGGAGGACCAATTGGAA ACGAAAGGGGAAGAGGAAGAGGAAGGGGGGAGGAAGAAAGGAAACCGGG GAAGAGGGAGAGGAAAGAACCGGCCAAAAAAGGAAAGGGAAGAGGGAGAG GAGCCAAGGGGCCAAAAAAAAGGAGGGGGAGCCAAAAAACACCAGAAGGA AAAAGGAAGGAAGAGGGAAGGGGAGAGAAGAAACCAAAGAAAGGAGAACA CGGGGGGGAGAAGGGGGGACCAGAAAAAAGGAAAGGACCACGAGGAAAAG GAAGGGGGGGAAAACAAAGGGAAGAGGACAAGGAGAGGGCCGGGCGCAC GAACAGCCGGCGGGAGAAAAAAAAGGAAACGGGGGGAAAAGGGGAACAGA GAAGGGGGAGAAGACCAAAAGACCAAAAAACAGAAAAAAAGAAAGGGGCC AGGGACCCCCAAGGGGAAAAGGGGAGGGGGAAGGAGAAAGATCCGGAGCC CGAAAGGAAGGGAAAAGAAAGGAGAAAGGAGAAAGGAAGGAGAAGGAAAA GGAGGAAGGGCAAAAGGGCATAAAAAAAGGGGGGAGAGAGGAAAAAGGAA CCGAGGAAGGGGGGCCGAGACCAGGAGAGGAAGAAAGGGAGACAGAAAAG AAACACGAGGAAAAAGGAAAAAGGAAAGGAGGGAAAAAGGAAAAACCCGC GGACAGCCAGGAGGGGGGGGAAGAGAGAAAAGGGAGAAGGAAGGGGAGA AGAGAGAGGAGGAGGGGCAACCAAGGAGGACGGAAGGGAGGAAAAAGGG AAAGAGCCTTGGGAAGAAAGAAAAGGCAAACCGGAGGAAAGAAAAAAGAG AAAGGAAAAGAAAACAGGCCGGGGAAAAGGGAACGAGGGGACGAGGAGGG AAAACCGGCCGGGGGGAAAAAAAACCCCGGAGAGAAAAAAGGAAGGAAAA GGAACCGGGGCCAGCAGAGACCAACCGGAAAAGGGGAGAAGACAGAGAAG CCAAAAAAGGAGGGAAAAAACGGGGGAGAAAAGGAGGGAGCCAAGAACAA GAAAGGAAAAAGAAAAGGAAAGAAAAAAAAGGGGGGCCGGAAGGGAGGAA AAAAAGGGAGGAGCGGGGGAGGGGAAGAAAGGAAAAAACCGGAAGGCCAG AAAAGAAGAGAAAAAAAAAACCAAGGGGAACCGGGGGGAAAAGGAGGGGG AAAAAACACAAGAACAAGAAGAAGGAGGCCGAAACCAGAAAAGGCCGGGA AGACAAGGGGAACCGGCCAAAAAAAAGGGGAGGGAAGGGGAGGGACAAGG GGACGGCAACAAGGGAACCAAGAGGAAGCAGGAAGGCCCCGAGGAGAGGA GGAAAGGGAAGGAAACAGCAAGAAGAGGACGGGAAACCGAGAAAGGGAGA GGAAGGGGAAAAGACAGGAGCAAGAAACGGGACCAGGAACGGATTTGGAT CCGGGAAGAAACCAAAAGCCCCGGCCGGAAAGGAAAAGACGAGAGGGGAG CCAAAAGGAAGGGGGGAAAAAGAAAAGGGGGGGAAGGGGGGACCGGAGG GCCAAGGAAGAAGACACCCGGAAGGAAGGGACCAAAAAGAACCGGGGAAA AGGGAAGAGGAAGGAAACCCAGAGGGGGAGAAAAGGAAGAGGGGAAAGA GGGGGACACCACAGGAGAACAAACCCGGAAGGAAGGAGGCGGGGAGCAGG GACCACAAAGAGCCGGCAAACCAGAAAAGGAAAGAAGGGAGGCAGGGAGG CAGAGGAAGAACAGAGAGACGGACAAAACCAGGGGAGGAAGGGGGGCCAG GAGGCCAAGGGGGAAAAAGGAAAAAACAAAAGGGCAGAAGAAAAGGAAGG GGGGGGATGGAACAGGAGAAAAGGAGGGCCAACCAAGAGAAGAACCAAAA AATTGGACAGACGGGAGAAAAAAGAGAAAGGGACAGAAAAGGAAAGAAAA AACCGGAAGGAAGAGGGGGGAAAGGGAGGGGGGGGGAGAAAGAGGGAAA AAAGGGAGAGGAGAGGAGAAAAGGAGCAACCGAGGAAGGGAAGGGAAGG GAGGAGGGAACGAGAAAAGGCCGGAAGGAAGGGGAGAAAAAAGGAGAAGC GGGGAGGAAAGGCCCCGGCCGGAGAAGAAGGGGGGGAACCGGAGGAAGG AAAAGGGAGGGGAGGGGGGGGAGGGGGAGGGAACCGGAAGGGGACAAAA AGGGGAACAGACGGGAAGACGGAAGGGAAGAGGGGGGGAAGGGGGGGGA

GAGAAACGGAGGAGAGGGGAGCAAGGGGGGGAAAAAAAAAAAAAAAAAAG AAGGGAAAAGAAAGGGGAGAGAACCGAGAGGGGAAAAAAAAGGGGAAAAG GGGGGACCAGGAGGGGGAAGGACGGTAAGAGGGGGCCGAAACCGGAAAA AAAAGGGGAGGAAGGAAAGGGGAGTACAAGGAGGGGGAAAGAAGACTTG GGAGAGGAAGAGGAAAAGGAAGGGGGGAGGGGACCAAAAGGAAGGACCC AACCGACGCCAGAGGGCAAGAAGGGGACAGGACAGAGAGAAAGGAGAACC AGGAAGGGGGGGGAGGAAAGAAGGAAGAACAGGAACAGAAGGAAAAAAAA AAAGAGCAAGGGGGGAGGGGCCAAAAAAAAAAAAGGAAGGAAAGGAGGAG CCGGAGGAGAGAGAAAAAAAGGGAGGAAAGAAGGCCGGGGAAGACCAAGG GGGAACAAGGGGGGCCGGGAACGAAGAAGGGAGGGAGGGGAAGAGAAAA AAGGGAGAAGGGGAGAGGGAAGGGGAGAAAAAACAAGGAGAGAAAGGAG GAGGCAAAGGAACCCCACGAAGGGCCGGAGCACAAGAAAAAAAAAAGGCA GGGGAAGGAAAACCAAAACAAGACAGAGAGAGAAGAGGGACAAAACAGAG CAGGGAGGAAGGCCAGAGAGGGGGGGCGAAAACCGAAAGGAAGAAAAAGG AAAACCGGAGAAAGCCAAAAGAAGAACCGGGAAAAGCCATCCAAGAAAGA GGGGGGCCAAGAAGAGGGCGGGCAGACGACCCGGAAGGAGAACCGAAGAA AGAAAGCCGGAAAAGAACGGAGAGGAAAGAGAAAGGGGGGCCAAGGGGG GGGAAGGGGGGAAGGGGGGGGGGAACCAAGGCCCCCCGGAAGGAAGGAA AAAAGGGGAAAAAAAAAAGGGGTTAAGGAAAAGGAAAAAAAAGGGGGGAA GGCCAAAAAATTGGCCAGCCAGAAGGAAAAAAGGGGGGGGACGAGAGGGG ACAGGGGGGGAAGGCAAGGAGAGAGGAAGGGGACAAAAAAGGGGGGAAG GCCAAAGGAAAGAGAGGGGGGAACAGGGGGGAAAACCGACCAAAAAAGAA GCCAAGGGGGGCCAGAAAAAAGGAAAAGGAAACAGGGAGGACAGGAGAAA GAGAACCAGGAAAGGAAAAAATTACAGGGGGAAAGAAGGGAAGGAGGAGC CGAAGGACAAGGGGGGAAGAAGGCCGAAAAAGAAGGGAACCAAAAGGGAC CGAAGAAAGGAGGAAGGGGGGAAAAAAGAACGAAAAGGGAAGGGGGAGA GAAGAGGGACAAGGGGGGCAAAGGAAGGGAGCGAAGGGAGGGAAGAGAG GAGGAAAGGGCAAAGGAAAGGCCCCAAGACAGAAGGAGGAACAAGCCAGG GAAAAGGGAGGGCAGCCGGAACCCCAAAAAGGGAGAAGAGGGGAAAGTAG GAAGGAAGGGGGGAAGGGGGGAGGAAGACCCGGGGGGGGGGGGAAGAGA ACTAGAGAAAAGCAGGAAGAGGGGAAAAGGAGAGGGGAAACAGGCAGGAG GGAAAGAGGGAAGGGGAGCAGGAAGGAAGGGGGGGGGGCCAAGGGGAAC ACAGAAGAAGAAGAAGGGGAGAAAGACAAAGCCGGAAAAAAGAAAGAGAA GGAGGGAGACCCCGAGGAAGAGGGGGGAAGGAAAAGAGGAGAGGGAAAA CCCCAAGGACAGAAAGAAAGAAAACCCAGGGAAGCAGGAAGAGACAGGAA GGGGAGAAGGCACCAGCAGGAGAAAAACGGAAAAAAGGACGGCACCGAGG AAGCGGAAGGGGAAAAAAGGAGCCCCGAAAGGGGGATACCGAACGGCCGG AAAAGGAAGAGGCCAAAGAAAGCCAACCGGCCCCGGGGCCGAGGAAGGGG GGCCAGGGGGAAAAGGAGGAAAGGGAAGGGAGAGGGCCAAGGAGAGGGG GGGAAGAGAACGGTTAAAGGGAAAAAAGGGGCCGGAGACGGGGAGAAAGA AAACCCAGGGGAAAGCCAAGGAGAAGGGGAAGGCACCAGAAAAGGCAAAG GCCAGACGGGGGAGGGGGGGGGGGGGAGGAAGGGGGGAACACCAGAGAA GGAGGGCCCAAGAAACGCGAAGAAGGAAAAGGAGAACCGGAAAGAGAGGG GGAGGGAAGGAGGACAGGCCGGGGAAGGCCGGGGAAAGGGGGAGCCAGG AAAGGGGCCAGAGGGAAGGGAAAGAAAAAAGAGAGAAGGGGAAGGGGAG GGAGAAAAGGAAAAAGGAGGCCCCCCGGGGACGAGGGGAAGGGGGAAGG GGAGGGGGAAAGGCCAAAAGGAAGGAGCAGGGAGGAGGGGGAAGGGAGG AGAAGGCCAAGAGAAAAAAGGGCACACAAAGGAGAGCCAAGGAGAAAAGG AAGGAAGGAAGAGGAAAGAAGGAGAGCCAAGAACAGGAAGAAAAGGGGGG GGGGCCGGGGGGGGAAGGGGAAGGAAGGGGAGAAAAAAGGAGAAAGGGG AGGAAAAGGGGAAGAGGGAAAAGGGGGGAGCAGGGGAGGGAGGGGGAAG AAAGGGAGGGCCCCGGAGGGAGAGACGACCAGAAGGGAGGTTGGGGGGA GGGGAGAGGGAGACCGGGGACGGGGAAGAAACCAACAAGGGAACGCAAAG AA GACAGGGAAAAGGAAAAGGGGAAAGGAGGGGCAAAGGGGGGGGCCGA GGCGGGAAAAGAAACCAAGGAAAGGAGAGGAAAAGGGGGAGGACAACAGG AGCCGGGGGATTGAGAAAAAAGGAGAGGAAGGCCGAGGAACACCAGAGAG GAGGGGAAGGAGAAGGCCAAGACCAAGGAGAGGAAAAAAAAAAAAAAAAA GGCCCCCCAACCCAAGCAGGGAAAGAAGGGGGCCACCCGAAGGAGGAAGG GAGCGGAAAACCGAGGGGAACCGAGGAAAGACAAGACCGGGGGGAAGGG GGGGGGGCCGGGAGGGAACAAAACCGGAAGGCCGGGGAACAGGGGGGAG GGGGAAGGGGAAAGCCAGAAGGACGGGGGCGAAAACGAGGAAGACACCG

G G G G G G ACCAACCAGAAGGGGGGGAGGAAGGAAGGCCGAAAGGGGAGGA AA $\operatorname{A} A A G C C G A G G G A A G G A G A A A G G G G A A G G G G A G C C A A G G G G C C A A G G A$ GGGAAGGAAGAAAGGAAAAAAAAGAACAGACAAAGGGGAGGAAGGGGGGA A G G A A TA $\operatorname{l}$ GGGGAAGGGAAGGAGAAAAGGGAGGGGCCAAAAAAAGGGGG AGAACCAAGGGGCAGGGAAGGAAGACAAGGGAGACAGAGAAAAAAAAGAA GAA GAAGGAAAGAGGGGAGGGGGGAAAGAGACGGAGGGAAGAGAGAGAA
 G G A G GA $\ln$ AGGGGGAAGGGAAGGAGGGGGGGGGAAAAAAAAGGAAGGGGA ACCAAGGAAAAAAGGAAGGAAGGAAGGGGGGAAGGAAAAAAAAAGCAAAG GAAGGAGGGCAGAAGAGCCAAAAAAAAAAGAAAAGAAACAAAAGAGAAGG ACAGGAGGGAGGAGAAGGAGGGAAGGGAACCAGAACACAAGAGAGAGGAG AAAAGAGAGAGGGGGGAAAAAACGAGAGGAGGGCAAGAGGAAGAGAAAAG GGGGACAGGGACCGGGGAAAGGGCAGGGGAAGAGGAAAAGACCAAAAAAG AAGAGAGAGGGCAAGGAGAAGAGAAAAAGAAGGAGGGAGAGACAAGGAAA GAGGAGGACGGAGGAAAGGGAGAGAAGAAGGACGAGGCAGGAGGAGGAA AGAGCCAGGAGGGGAAAAGAAAAGAGGGAACCGAGAGAACAGGACCGGCC G GCCAGGAAGCAGAGAGAAAGGAGGAACAAAGAGAAGACAACGGAGCCAG AAAAAAGGACGGAAAGAGCAGGGGGAACAGGGGGGGGGAACCAGAGGGG ACCCCCGAGAGGAACGGGGAAAGAAGAGAGGACGAGAAAGGAAAGAGGGA A G G G G G GAGAGAGGGAGGAAGAGGGGGGAAGCCCAGGAAAGAACCGAAG GAGGAAAAGGGGGGCAAAGAAGGGGGGAGAAACCAAGGAAAAGAGGAGAT AGCGGAAGAAAAAAGGAGAAGGAAGACCCCCACAGGAGAGGACAAAGGAG A G G AAAAAGGCAGAGACAAGGGGGGGAAGGGGAAAAGGGAGGAAAAGGA GAGAGGAAGGGAAAGGAAAGGGGAGGGAGAGAAAAAAAAAAAAGAGGAAG AGGGGAAGGAAGGCCAGAAAAGGCCGGAAAAAGAGAACCAAACGGGGGAG A G A G A G G G G G GAAGGAAAATTGGGGAAGGAAGGGGGGAAAGGAGAAAAA GGAAAACCGAAGAGGGAAGGGACCAAACGAGGGGAAAGAGCCGGAGCCAG AGGAGAGGAAGAGGGGAAGGACGAAGGACCGGGGGGGGCCGGAAAAAAA GAAAACCGGAACCCCAGGACCAAGGGGAGGGGAGGTTAGAAGGAGAGGAG GAGGAGGGGGAGGAAAGGGAAGGGGAAAAGGCCGGAAGGAAAAGGAAAG GGGGAAGAAAGGGGAGGAAGGAAAGGGGAAGGAAAGAAAAAAGGGGGAC CCCCCAACCGGGGAAAAGGAGCCAAATAGAGAAGGGAAGCAAAAAGGGGG GAACCAAAAGGGGAAGGGGGGGGGGGGGGCCAAAAGGCCAAGGAAAAGG AAAAAAGGAAACAAGGAAGAGGCAGAAGGAAAAAAAGGGAGACAAACCCC ACCCAAACAAAAAGGGGGGAAAGGAAGGGGGAGGAGACGGGAGAGGTAAC G G GA G G ACAAGGGGGACCCCGGGGGGAAAAGGGGAGATAGGACAGGGAA A G G G G ACCCAGGGAAGGAACAGACAGGCCGAAGAGAAGGGGGGGGAGCC CCGGCCAGACAGAAAAAAAGGAAGGAAAGGACAGAGAAAGGAAGAAAAGG AAAAAAGGGGGGAAGGAAGGAAAAAAAAAAAAGAACGGGGAGAGGGGGTA AGACAGAAGGGAAGAGAGGAAAGGAAGGGGGGAAAAGGAAGGAAAAGAAG G GCCAAGGGGGGAAAAGGGAAGCAAGGACCAAAAGGGAAGGCGCGAGGCA CAAGGGCAGAAGAAGAAAAAGGGGAAAGGAAAACAAAGGGGGAGGGGAAA GGAAGGGGGAGAGGAGAAGAGGGGAGGGGGCCAAAAGGGGAAGGGGAAG GCAGGAGAAGGGGAAAGCCAAGGAAAAAAAGAGGGGGGGGAAAAAGGAAG AGATAGAAAAGAAGGCCAGGGGGAGGGAACCACAGAGGGAGGAAAGGAAG G G G G G G A G GAGGGAGAAGGAAGGAGAGGACAGGAGCCCAGAGGCCCCAA CCAAACAAAGAAGGGAAAGAGAAAGGCGAGCAGAGAAAGGAAAAGGGACA GACCACAGCCGAGACACACAAAGGCCGGAAAAAAAAAAAAAAGGGGAACA GAGGGGAGGGAACAGGGAGAACGAAGAAGGCCAAGGGAGGAAAGGGAAC AGGGGAACCAAAAATCAAGGGAGAAAAGGGGCCGGGGAAAGAAGGCCAGG GCAGGAGAAAAAACAAAAAGGAAGGCCCAAGGAACGAAGAAGGAAAAGGG G G G G G G GCCGGACAAACAGGGCCCCACAAAAGGGAAGAGAACCAAAGGAA A G G A G A A G G G G G G G GCCGGTTGGAGAAGGGGGGGGACAGAGAGAAGGGA GAAAGGGGCCAAAACCAGCAGGGGGGAAAGAAGGGGGGAGTTAGGGAAAA AGGGGAGGGGGGGGGGAAAACAAGAAGGCCGGAGGAAAAAAGTTGGAAA GCCGGCCGGAAGGGGGGAAAACCAAAAAAAAAAAAAGGGGGAAGGGGGGG GAAGGGGGGAAAGGGGGAAGGGGGGAGAGGGGGAAAAAAAAAGACGAAG GAAGGAAAGAAGGGGGGGGAAGGGAAAAGGGGAAGGCAAAGGAAGAAAG AACAGGAGAGGAGAAAAGGCAGAAAAACCAAGGAAAGGGGACCGGGGCCG G G G A G GAGAGGAAAAGGGAAAGGAGAGGGAAAATTAAGGAAAAAATTAGG GAAGGGGGGAACAGAGGGAGGATCCGGAAGGAGGGCCGGAACCGGAGAA

CAGAGGGGAACCGGAAGGGAGGAAGGAAAGAAAAAGCCGGAAGGAAGAGA A GCCGGGACGCAGGAAAAAAGAGGGAGGGAGGAGGAGAAAGAAATTGGAA AGCCAAAGAGAGGGCCAGAAGAAAAAAAATAAAGAAGGGAGGACGGGGGC GGGAGGAGAAAAGGGGGGAGAGCCAAGAAGAACCGGGGGGAAACGGGGA GAGAGAGGGAGAAAAGGGGGGCAATGGGACCAAAAACAAAAAAGGAGAGG AGGACCCGGAGAGAAAACCAAAGGAGGAGAAGGCCAACAAGGGAACGGGC CGAGGCCGGCCCCAGAGGGAAAAAGAAAAACAAAGAAGGAGGGGAAGACG GAAAACAGAGGGGCAAACCAAGCTACCGAAAAAGAAGCCAAGGGACGAGG AGGGAACAACCAGAGAAAGACACAAGAGGGAAAACAGGGGAGGAGGGACG GCCACAAGACCGGAAAGACAAAAGAAGAAGGGGGGAAGAACAACCAAAGA TAAAGAGAAAAAAGACCAAGGGAAAAGGGCCACAGGGCCCAAAAGGAGGG GGGCACCCAACAGAAGGGGAGGGGGAAGGGGAACCAGGGGGAGGGAAAA AGAAAAAAAAAAAAGGAAGGGGGGGGCCGGAAAAGGGGAACCGGAAAAGG AACCGGAAGGAAGGAACCAAGGGGGGGGAAAAAAAAAAAAGGGGAATTAA AAGGAAGGCCAAAAGGGGGGAAAAAAGGAGAAAAAGGGAAAAAGAGGAAA CATACCAGGCGAACCCGAGGAGAAGGAAAGAATTGAAGAAAAAAGGGGAC CAAAAGAGGGAACCGAAAGAGAGACCAAAACAGGAGAAAAAGGGCACCAA G GAA G G G A GAAGCCAAGGAACCAAAAAACCAAAAGGAAGGGGAAAAAAGG G G AA G GAAAAAAAAGGAACCAAAAAACCGGGGGGGGGGAACCGGGGAACC G G G GAAAAGGAAGAAGAAAACCGACCAAGGGGGGAGGGACAGGGGGGGC CAGAGGAGAGAAAGGGAGGCACCGGGATAACGGCCAAGGGGGGAAGGAC G G G GAAAAGGAACCGGGAAAAGCCAAAGAGAGAGAAAAGAGAGAGGCCCC AAGGAGAAAAGGGGGGAACCAAAAAATTGGAAGAGACCAGACAAGAAGGG GGAAGAAAGAGGAAAGAAAACCAGGGGGAGGGGGGGAAAAAAGAGGGGG GAA G G G GA GAAGGGGGGAAGGAGGGGGCCAAAGAGGAGAAAGAACAGCC GGAGAGCCAGAAGAGGGGAAGGAGAGGGGGGAGAGGAGAAGGGGAGAAA AGGAAAACCAAAGGGGAAAGGGGGGGGAAGGAAGGGAGAGAGGAAAAAA GGACAAAAGAGAAGGGGGCACCGGAGACGGAAAAGAGAGAAAAAACGAAC AAGGCAAAGGAAAAAAAAGGGGGGCCGGCCGACAAGGAAAAAAAGGAAGA AA GAACAGGGTTGGGGAAGGGCAGAGAAGGCCAAAAAAAAAGGGGAGAGG CCAAGAGGAAAACAACGGAAGGGGCAAAAAAGAAAAGGAAAGAAAAAACC GGGGGGCCAAGGAAAGCCAAGGAGGCAAGGAGAGAGGAAAAAAAAAGGGG CCGAGAGGGACCAGAGGAAAGGGGAAGGAAGACCGGGGGACCGGCCCCAA G G A A GA G G G GCCGGAAGGAAGGGGACAACCGGGGGGGAGAGAAGGGGGA G G GAGGAAGAAGAGGGGAGGGAACCAGGACAAGAAACAAAAAAAAAAGGC CAGTTGACCAGAAAAAACCAAACGGGAAGGACCGGGGCCGGAAAAAGAAA AAAAGAAAAAAAAAAGGGGCCGGAAGGAGGGAACAGGGGGGGGGAGGACA GGAGGAAAAGGAGAAAACCAAGGGGAAGAGGAAAAGAGGAAAGGACAGGG AA $\operatorname{G} G \mathrm{G}$ GAGAAGAGAAAGGGGAAAGGAGGAAAGAAGAGGAGAGGAAGGGG AA $\ln A \operatorname{GGGAGACAGGAAGGAAGGCCCCGAAGGAGGCCAAGAAAAAGGCCGA}$ GAGAAAAAAAGGCCAAAGCCAGAAAAGAAGCCAAAGCAACGGGGAGCAGG AA G GAGGGAAGGCCACGAAAGGAGAGGAGGAGAGAAGGAAAGCCGGAAG GCAGAAAAGAGAGAGCAAACCAAACGAAAGGAAGGTTAAGGGGAGAAAAA AAAAGGGAACCAAAAGGAAGGGAAAAAGAAAAAGGGGAGACGCACGGAAA AGGGAAGAGAACAGGAGGGGGGAAAAGAAGGAAAAAAAGAGAAGAAAGAG GGGAAGGAACCAACCAAGAAAGGACAGGAAAGAAGAGAGCCGAAAGGAAA AAAGGGAAGGGGGGGAGCCAGAAAGGGGGACGACCAGAACCAAGAGGGG A G G G G G G G G GAAAACCCCCCGAGGCCGGGGAGAAAGAACCAAGGGACGCA GAGGGGAACCAAAAGGGGAAGGAAGGAAAACCCCAAGGGGGGGGGGAAG G G G G GAAAAGGCCGGAAGGGGGGAAGGGGAAAAAAAAGAGAAAGAGGAG AAAAGAGAGAAACAAACCGGCCCCGGGGAAAGAGGGAAGAGGCCGACCGG AAGGAAAAAACAAAAAAAGAAAAAGGAACCAAAAAAGGCGGAGGAAAAAA AA $\operatorname{l}$ A G G A GAGAGGGGGGGGGGGGGCCGGAAGAGACACCGGGCGGGGGGA AAAGGCCAATTAAAAGAGGCAAAGGGAGGGGCCGACGAGAAAAAACAGGA AAAAAGGGGGGAAGGCCGGAACCGGCCAAGGCCAAGGAAGGGAAAAAAAC CAGGGAAGGAGAGGGCCGGAACCCCGGGGCCAAGGGGGGGGCCAGAAGG GAGGGAAAAGACAGGAGGCCGGAGGGAAAGACAGGGAAGAGAGAAAAAAA GAAAAGCACCGGGGAAGGCCCCGGGAAATAGGGAGAGAGGGGAAAGGGAA GGAAAAGAGGAAAGGAAGGGCCAAAAAAGGGGGGCCAACCGGCAGGAAGG AA $\operatorname{A} G \mathrm{G}$ GGGAAGGGGGGAGAGGAGAAGAAGGGGGGGAAAAAAAGGAAAGA ACCGATTAAAACCCCGAAGGGGGAGCCGGAAAAAAAAGGGACCGGGAAGC

CGGGGCAGACAAAAAAAGGAAGAAGGGCCGGGAGGCCCCCCCCAGAAAAG AGGAACCAGGAAGGGGAAAAAGGAAGGAACCGGGGAAGAAAAAAAGGGGG GAAAAAAGACCCCAGAAAAAGACAGAAAAACAAAATTAAAACCGGAGAAAA AAAAGGAAGGCCAGAGAATTAAAAGGGGGGCAAGAGGAAAGGTTCCAAAA AGAAGGGAGGGGAGAGGGGGGGAAGAGGCCGGGGACCCAGAAGGAAGGG AA GAAAAATAGAGAAGAAGGAGGGGGAAGAGAAAAAAGGAAGGAAAGGGG GCCGGGGAAAGAAGGGAGAAGAAAGGGGGGGGCGAGGGGGAGGGGCAAG AAAAGACCGGAAGGAGGAGAGGTTAGAAGGAGAAGAAAGGAAAGAAGGGG GGCCAAGGGGGGCCAAAAAAAAGAGAAAAATAGCAAAAAAAAAAGGGGAG AAAGCCAGGGGGAACCGGGAACACCCGGAAAAAAACAGAAGAAAAGGAAG AGGGAGAAGGCCCAGGCCCACCAGAAGGGGGGAAAAAAGGCAAAGACCAG ACGGAAGGAAAAGGGGCCGGAAAAAAAAGGAAGGAAGGAAGGCCAAAAGG AAGGGGGGAAGGAAAAAAGGAAGGAACCGGGAAGAAACGAAGAGTACAGG GGGGACGGAAGAGGCCGGACAGAGGGGGAAGGGGGGAAAAGGGGGGGGG GAGGGAAGAAAGATTGACCGGAAGGAAGGAAGGACGGAAAGAGAGGAAAA AAGGAAAGGCCGACAAAAGAGAGGGGGAAAGGGGGCCAACCGAGGGGGG CCGGAAAGAGAAGGAAAAGGACGGCAGGGAAGGAACAAGGAAAAAAGGGG CCAGGAAGACGGAAAAAAAAAAGGGGAAGGAAGGGGAGGAACGGCAGAAG AACAGGGGCAGGAGAAAAGGGGGGAAGGGGAAAAAAAAGGGGGGGGGGA AAAAAAGGGGAAAGGAAAGGAGGAGAAGAGAGAGAGGGGGGGAGGAAGA GAGGAGAGGGAGAGACAAAGAAGGAAACCCGAAGCCAGAGAAGGAAGGAA AA $\operatorname{la}$ GGTTAGAAGGAAGGGGCCAGGGGGCCAGGAAAGGAAAAAGAAGGAA GGAAAAAAACCCAGAGGGAAAAAACCCCGAGGGAGGGAAGGGAGGAGGGG AAGAAACCAAAAAAAAAACCAAGAAAACAGCCGGCAAGGAGGAAAAAGGA CCGGAGGGGGGGACGAAGGAAGAAGGGGGGAGAGGACCGGAAAAGGAGA GACAGAACCGGAGAAGGGGAACCAGGGGGGAGGACGGGGGGAGGAAAAA AAGGGGGGAACAAAAAGGAATTGGGAGAAAAAAGAGCCAAAAAAAAAAGG GGAAGGGGAAAAAGGGGGGGAGAAGAAAGGAAAAAAGGGGAAGGCCGAA AAGGAGGCCAAAAAAGGAAGGAAAACCCCAACCGAGGAACCAAAGGGGAA AAACCGGGGGGAAAAAAGAGAGGAGCAAGGAAGAAGACCGGGGAACCAAG GAACAGGAAAAGACCGAAGCCGAGGAAGGCCGACCCAGGGAGGGAGAGAA AGAGGAAAAAAGGAAAAAACAGAAGAGGAGGAAAAGGGGACCAGGAAAAA AAAAAAAAACAGGGACCAGGAAAGGCCGGAAACGAAGGGAAGGAAGGGGG AGGAAGGGAGGAAGAGGGAAAGAGACCAGAAAAAAAGGGAGACAAAAGAG GGAAAGAGGAAAAGAAAGGAGGACGAAAAAAGGGAGAGGAACGAGAAAAG GGAGAAAAAAAAGGAGACGAAGGGGGGGGGGAAGGAAAGGGCCGAGAAG AAAACCAAAAAGAAAAAGAAGGGGGGGGGGCACAGAGGGGCAGAGAGGAA CAAAAGAAAGAGGGGAGAGGGGAAAAGGGAGAGACAACGAGACCAGACCA AAAAAAGAGGAGAGGGCCAAGGCAGGGGGGGGAAAGGGAAGGAGGGAGA A G G GACCCCAGGGAAGAAGAGAAGGGGGGCCAAAGGGGAAAGGGGGGAA CCGGGGGGAGAGAACGACAGGAGAGAAAAAAAAGGGGACCGGGGCCGGAA GGAAGGGGAAGGGGGGAAAAGGAACCAAAAAAGGGGGGGGAAAAGGGGA AAAGGGGAAAAAAGGAAGGGGGGAAAGAAGGAAGGAAAACCAACCGGGGG AGGACAGGAGAAGGAAAGGGGAAAAGAGGGGCAGACCTAAGGGGAGAAG GGGAAAGGGGAAACGAGGGGAGAGGGGGAGGGAAGGGGAGAAAAGGCCA AAAGGGGGGCCAGGGAGAGAAGGAAAAGACCACCCGGAGGGGGGGGGAA GGAAGGGGGGCCAGAGAAGGAAAAGGGGGGGGGGGGGAGAGAAGAGAAC AGGAAGGGAGAAGAGGAGGGGGGGGGGGGGGAAAACCCCAAGGAGGGGG CCGAACGGGGGGGACCCCCAGAGAGGGACAGGACAAGAGGGGAAAAGGG GGGCCAAGGAGGGAACCGGAAAACCAAGGCCAAAACCGGGGTTGGGGAAA GCCGGGGCCCCGGAAAAAACCAAGGAAAAAAGGGGGGGGACAAGAAGGAG GGAAGAAGGAAAACCAAAAGGAGAAGGGGAAGAAGACGAGAGGGAAGGGG GGGAACCGGAACCGAAAAAGGGGAAGGAAGGGGGAGGGGAAGGAGAACC GGGGGGGGGGAAAGGGAACCACGGGGAACCGGGGGGGGAAAAAAAAACG GGAAAAAGAGAAAACGGACACGGGGAAGGGGGGCCGGCCAAAAGGGGCCA ACCGAAAGGAAAACCGGGGCCAAGAAACCGGAAAAACGGCAAAGGGGGAG AAGAGGAAGGGCAGGAAAAGAAAGGAGGAGGAAGGAAAAGGAAGGGGAAT TAGGGGGGAGAAAAAGAAGCAGAGGGGAGGAGGGGCCAAAGACGAAGAAC CAACCAGAGAGAAGAGACAGGAGGAAAGGGGGGGGAAAAGGGGAAGGAAA AAAGGCAAGGAAAGAAGAGACAGAGAAAGAGATAGCCGGAAACAAGGGGA AA $\operatorname{A} A \mathrm{~A}$ GAAAGGGGGGGAAGGGGAAGGAAAGGGGGAGGAAACAAAGGGGG

G GAAAGAACCAAAAGGGGCAAGAGCCAGCCGAGGGCGAAGACAGCCCAGA ACAAGGAAAAGGGGGAGGGGGAGAGGGGACATGGAAGGAAGACAAGAAA GGGCCAAGGCAAGACAAAAGGGGCCGGGGAAAAAAAAGGGAAAAAGAAGG AAGGGAGAAAGGGGAAAAGAGAAGAAGACGGGGAACCAAGGAAAGAAAAA G GAAAAGAACCCCCCGGAAACACAGAGAGAAGGGGGGGGGGAAAAAACCG GAAGGAAAAGGAAAAAACCGGAAGGAAAGCGAGGAGAAGAGAGGGAAGGG AAGAGACAGAAAGGGGGGAGAAAAAAAGAAGAGAAGGGGAAAACCAAGGA A G G G G G G G G G GAA G GCCAA G GCCCCGGAAAAGGAAAAAAGGAAAAGGGG AAGGAAAACCGGAAAAAAGGCCAAAAAAGGCCGGGGGGGGGGAAAGGAGA A GTAAAGGAGAGAAGGAGGACCGAAGGGAGGGGAGAGGAGGGGGAGAGA GAGCAAGCAAGCAAAGAAAAGAGAAGGCAAAGGAAAAGAGAAAAGGAGGG GGGGGGCGAAAAAGGAAGGAGGACAAAGAGGGGCCGGAAAAAAGGAAAAG GGGGGAGCCAGAGAAGGGACCAGGGAACCAGGGAACAGAGAGGGGGGAA G GAGGGGGGAGAAAAACAAAAGGGGAAGCCAGGGAAAAGGAAGGAAAAAA GGGGGGCCAAAAGGGGAAAAAAAAGGAAAGAGGAAACCAAAAGGAGAAGA AAAAGGGGGGGGGAACAAGGCCAGAAAGAAGGAACCGGCCGGGGAGAGG GGGACAAAGGAGGGGAAGGGAGGAGGGGGAAAGAAAAAAAAGGGGGGGG G G A A CAA $A$ AAGGGGAGAAAGGAAGAGGAGAAGGGAACAAAAACAGGAAAG GGGAAGGAGGAGACGAAGGGAGGGGGAAGGCCAAAGAAGAGGAAGGCCA G G A G G GAGGGAGGAGAGGAAAGAAAAGAGGGAAAGAGGAAATACCAAAAA AAAGAAGGGAGGAGGGGAAAGGAAACCACAAAAAAAAGAAAGGCCAACCA AAAAAAGAAGGAGAGCCAAAGAACCGGGGGGGGGGAAAAGGGGAAAAACG C GAGAATAAAAAGAACCAAAAGGAAGGGGGGGGGAGGGGAGAGAAAAGGA CGCGGAACCGGAAAAAAAGAAAGAAAGGAGAAGGGCCGGAAGGCCGGCCG GAAAAAAGAAAAAGAGGCCAAGGAAAAGGCCGGAAAAGGCCAAAAGGAAA AAAAAGGGGAAGGGGGGCCGGAAGGGGGGGGGGGGAAAACCAAGGAACC G G G G G G G G G G G G G G A A A A A A A A A A A A A G GCCGGAAGGGGCCCCCCCCGGA ACCCCCCAAAAAAGGAAAAAAAAAAGGGGGGAAGGGGGGCCAACCAACCA AAAAAGGGGAAGGAAGGAAGGCCGGAAGGAAAAGGAAGGAACCGGCCAAA AAAAAAAGGGGAAGGAAAAGGAAAAAAAAAAAAGGGGCCGGAAAAAAAAG G G GAA $\operatorname{l}$ GGGGGGGGGGGGGAAGGGGAACCAAGGGGAAAAGGAAGGTTAA G G A A G G G G A A G G AAAAAAGGGGGGAAGGAAGGGGGGAACCAAAACCAAAA CCGGGGAAAAGGGGAAAAAAAAAAGGAAAAAAAACCAAGGGGAAAATTCC AACCGGAAGGAACCCCGGGGGGGGGGAGAACAACGGGAAAACGACCAAGG AGAAGAGGTTACGAAGAAGGCCAAAGCAAAAAACGGGGGGACGGGGGAGA AAAAAGGGGGGGGGGGCAAAACGGCCGGAAAAAAAAGGGGGGGGAACCG GAACCGGGGGGGGGGGGGGAAGGGGGAAGGCACGAGGGGAACAGAAAGA GAGAGAGGGGAGGGAGAAGGAACAGGAAAAGAAAACAAAAGGGGAAGGAA AA $\ln A \operatorname{GGGGGGATAGCCAGGGAGAAGAAAGGGGGGCCCAAGCAAGCAAAAA}$ GGGGAAAAGGCCGGAAAAGAGGGGAGAACCGGGGAAGGAAGAGGAAAGG G G G G G G A A ATTGGGGAACCGGGAAAGAAAAAAAAATTACTAGAAAGGAAG GAGCAAACCGGGGACAGAAAGAACAGAAAGGGGCCGGCCAAGGAACAAAG GACAAAATTGGAGGGAATTAACCAGACAAAAGGGGGGAAGGAGAAAAAAA AGGGGGGGGAAAAAAAAAGAGGACCCAAGGAGGGGGGAAGGAAAAGGGG CCGGAGGGCAGAGGAAGCGGGAAGAGAAGGGAACGGAAGGGGAAAAGGG GGGGAGGCCGGGGGGGGGGAAGGAAAAAAAAGGGGAGCCGGGAGAAGCC GGAAACGGGGAAGAAGGGAGGAGAAGGGAAGGGAAGAAGGGGAAGGGGA AGGAAACGGGGGGGGAAGGCCAAAAAAAAGGGGAAGGCCAAAAAACCGGA A G G G G G GAA G G G G G GAACCGGGGGGGGGGGGGGCCAACCAAAAAAGGAA G GCCAAAACCCGGGGGAAGGGGCCAAGACAGGGGAGGGGGAAGGAAGGA AGGCGGACCACAACAAGGGGGAAGGGAAAGAACGGCCGAACGGCAGAAAA AACAGGGAAGGAAAAAGAGAAAAGAAGGGGGCCAGAAGGGGGAGGAAGGA AA GACAAAAAGACAGGGAAAGGAGACCGGAAGAAGAAGAGGAGAAGGAAG G G GA $\ln A \operatorname{GGGGGGGCCGGGGAAAAGGTAACCCAAGGAAAAGGGGAAGAGG}$ GGAACCAGAACCGAAAGGAAACACAAGAGAGAGGGGAAGGAAAAGGAAAA AA $\operatorname{GGGAAAGGGGGAAGGGGGAAGAGGAACACCGACAAGCCAAAAGGGGGA~}$ AGGAGAGGAGAGGAAAAACCGAGAACAACCGGCACCAAGAAGGAGGGAGG A GAGCCAGAGGAGGGGGGCCGGGAACAGAGGGGGAAGGAAGGAAGGGGG AACGGACAAGGGGAGAAGAGGGAGGAGAGGGGGAAGGAGCCAAGAGGGG AAAGAGAAAGAGGGAGACAGAAAAGGGGAAGGGGAACCAGAGGAGGCCGG AAAAAAAGAAGAAGAAGAGACAGAAACAAAAAAGCCCGAGCAGACAAAAG

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G GAAAGAAGGGAAGGAAAAAGGAGGAACCTAAGGGGAGACCACGGGAAAC AACGACAAGAGAAAGAAAAAAGGAAAAAAGGGGGAAAGAAAGGGGTTTTA GCGGGAGCCGAGGAAGGCCAAAAAACCGGACAGGAGGGACCGAGGAAGGG GCAGGAAGACAAGAACCGGGAAAAAAACCGGACGAAAGGAAAAGGCCGGA AGGAAGGGGCCGACCAAGGAAGAAGAGGGAAAAGGTTGGAACCGAGGAAA AAAGGCAACAAGGGAAGGAAACCAAGGAAGGAAGGGGGGGGGGGACAGAC CAAAAAAAAGGGGGGGGGAAAAAGAGAAAGACAAAGGCCTAAAAGGAGAG AACGGAAGGAGAGACGGGGAGAAAATTGGGGCCAAGGGGAAAACACCGGA AAGAAAGCAAAAAAAAAGGAAAAAAGAGAGGGGGGAGACAGAGATTAAAA AA $\operatorname{A} A \operatorname{ACCGGAAGGGGGGAATTGAACGGGAGGGGGGGGAAGAGAGGAAGG}$ AACCGAAGCCGAGGCCGAAGAAGAGGGCGAGGGGGAGGAAACAAAGCGTA GGAAGAGGAAGGGGAAGGAAGGGGAAAAAAACAGAAAAAGGGCCAGAGAA GGAGAACAGAGAGGAAAGAGCCACGGAAGGGAAGAACCGGAAGAAAACGC GAGAAAGGAAAAAAAAAAAAAAAAAAAAGAAAGAGGGGGGGGAAAAGGGG AAACAGGAAGAATAAAGGGAAACCAAGGAGGAGGGAGGAAAACAAGAAGG AAAGGGAAGGAAACAGAAAACCAAGGAGGCAAAAGGGGAAAAGGCCAGAG G GAA G G G GAGAAGGGGGCGAAGAAGAAAGAGGAAAGGACCGGGGGGGGA AAAAAGGAAGGAAAAGGAAGGGGAAGGGGAAAAGGGGAAAAGGGGGGAA CCAACCGGGGAAGGCAGCGAACGGGGAAAAGGCGGGCCAAAAGGGAGAGG AGAAACACGACAAGAAAAACGGGAAAGAAGGGGGGGCCAAGGGAAGAAGG CAGAAGAAAAGGGGCCCCAAAAGGGGAGGGGACCAACAGAGAAAGAGAGG AAAAAAAAAAAGACAAGGAGAGAAGGAACACAAAGGAGAGGAACGGCCGA G G GAGGGGGGGGGAGCACGCAGGACCGGGGGGGGAAAGAGCCAAAAAGA CAAGGGAAAAAGGGGGAAAGGAAGGAAAAGGCCAAAACCAAAACCTTGGG GAAAAAACCGGAAAAGGGGGGAAGGAACCAAGGGGGGCCAAAACCAAGGC CGGGGGGAAAAGGAACCAAGGAAGGGGAAGGGGAAGGCCGGAAGGGGGG AA $\operatorname{A}$ GGGGGGGGGCCGGGGGGCCAAAAGGGGGGGGAAAAAAAAAAAATTA AGGGGAAGGCCAATTAAAAAAAACCAAAAAAAAAAAACCAACCAAAAGGGG GGAAGGAAAAGGAACCGGGGGGAATTGGAAAAGGACGCACAAAGAAAGTA AAAAGGGATTAAACAACCAAAAAAAAGGGGAAGGGGAAAAAGAGAGCAGG AGAAAAGGGGAGGAGGAGCCGGGAAGGGAGGAGGAAAGCCGGCAAAGGG GAAGGGGAGACGGAAACAAAAAAAAGCAAGGGGAAAAGGTAAAGAGACAA ATTAAAAGGGGAAAAAAAAACAAAGAAAAAGTACCCAGACACACAACCCGG CCGGAAGGAATTAAAAGGGGAAAAGGGGAAAAGGGAGAGGCCCCGGGGAG AGGGACAAAAGGGGAGCCAGAAGGAAAACAGGGGGGAGCCCCAAAGGACC G G A G G G A A A CCGGGGCAAGGGGAGGAAAGGAGAGGGGGGGGAGGGGAAA AAAAACCAACCGGGGAAAAAGAATTGGGAAAGAAAAGCCGGGGAACCACA G G G G G G G GAAAGAAGAACAGGAAAGGAAACAGGGAGAAGAAGGAAAAGGA AAAAAGAAGAAGAGGGGGAGGGGCCGGAAAGGAGAAGGGAAGGAAAAAGA CCAGGAAGGAAGGGGAAAAAAAAAAGGAGGACCGAAAGGGAGGGAAGGAG GAGGAAAAAAAAAAGGGAAAACCGGGGGGCCAGGGGGGGAAAAAAAGGGA AGGGGAAGGACAGGGCAACCACCAGGGAAGGAAGGAAGGACGAGGAAGG GACCAAAGATAAGGGGAAGAAAAAAGCCGGGGAGAAGAGAGACGCACCGG GGCCGGGGGGAAAGGAGAGGGACCGGGGAACAAAAGAAAAGAAACAGAAG GAAGGGCACAAAAGAACCAGTACCAGGGAAAAGGCCAAAAGGGGACAAAG CCGGAAGGGACCAAGGCACCGGAAAGGGGGAGAAGAATCCAAGGGGGAAA AAGAGAAAGGAGCAAAGAGCAAGGGGAACCAACCGGGGGGGAGAGGGGAA CCGACCGGGGGAGGGGGGGAGAAACCCCAAGGAAAGGAAGAAGGAGAGG G G A G G A A G GAAGGGGGCAAGGAAGGAGGGAGGCGAGGGGAAAACCAAAA GGAAAACCAAAACCGGGGGGAAAACCAAGAGAACACAGCAACCAGGGGAG AGGGAAAAAAAGGAGAAGAGAGCCGGAAAAGGAAGAAGACAGCCAAGAGG AGAGAAAGAAAAGAGGAAGAGAGGGGAAAAGGCAAGAGGGCAAAAACAGA AAAAGGAAAAGAAAGAAAAAAACAGAGGGGGGAAAAAGAGGGAAGGCAGA AGAGGGAAGGCCAGAAAGAAAGAGAGACACAGGAAAGGGGAACCGGAAAG CCGAGGGAAAAGAGGAGGGGAAAAGGAGGGAGAAAAGGAAGACCAAGGGA CCGGGAGGCCCCGGAAACGAAGAAAAAGACGGCCGAGGAAGGGGACGAGA AA G G AA G GCCAAGGGGAGGAAAAAAGAGGGGGAAGACCAGAAAAAAGGAA AAGGAAAGCAGAAGGAGGGGCCAAGGGGCCAAAGAACAAGAACACCACAT ACCCCCAAAAAAAAAGCAGAGGAAGGGGACAAAGGGAAGGAAAAGGAGGA GCGAAGAGAGAAGGACGAGGAAAGCAAAGGCAGGAGCCAAAAAAAAGGAA AAAAGGGAAATTGAAGAGGGAAGAAAAGGGAAAGGAAAAGGAAAAAGGAA

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AA G G GAAAAGGGGAAGGGGAAGAAAAGAAGAGAGGAAGAGGGGGGCCGG AAAAGGAGGAAAAAGGGGAGAGCAGGGGGGAAGAGGAAGGAAGGGGGAA
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$28120000-9$ GAAGGGCCGGGGGGGGAAGGAGAAAAGAAGGGAAAAGGAACC CCCCAAGGAGAGCAGGAAGGAAAGCCAAAAGGAACCGAGAAGGGGAGAGG AACCAGAGGAGGCCGGGGCCGGGGAAGGCCAAGGAAGGGGAAGAAGGGA AAAAAGGGGAAAGAAGGAACAAAGAAAGGAAAGCCGGGGCCGGAGGAGAG AAAGGGAGAAAACGACCGGACCAGGGAAAAGGGGAAAAGGGGGCCAGCCA GAA G GAAAAGGGGGGAGGGGGGGGAGAAGGGCCGAAAAAGGAAGGGGAA AAAGAACCAAAAAAAAGGAACCGGAGGGAAAGAAAAAAGAAAGGAAGGAG AAGGGGAAGGAAGGAAAGCCAGGGGGAGAGAAAAGGGACCGAGAGAAAAA GGGAGGAAAAGACCAGGAAAGGAAGGAACCGGCAACCCGGAGAAGGGGAA G GAAAAGGTTGAAAAAAGGGAAGGAACCGGGGAAAAAACAATCCGGAGAC GGGGAAGGAGCAAGGAGGAAAACAAAAAGAAAGGAGAAGAACGGAAGAGG AAGGAAGGAAAAGGCAGAGGGGCCGGAGGGAAAACCAGAAGAGAACGAAC AGACGGCAGGAAGAAAGGAAAAAAGGAGAGGGGGGAAAAAGAAACCGAGA GGAGGAAGCCAGAAGGAAAAAAAGAGAGAAAAGGGAAAGGAGAGAACCAA GGAAAAAAGGGACCGAGAGGGGGGCCACGCCGGGAGAGGGGAGGGGAGA AAAAAGGAAAAGAGAAAGGAAGGGGCCAAGGGGGGGGCCGGTTGGGGAA A G G GAAAAACGGGGAACAAAAAGGAAAAAAGGCCGGAAGGGGAAGGAAAA G GAAAAACACGAGGAAAGAACCGGGGAAGGGGCCAAACAAGGCCGGCACA AAGGGAAAAGGAACAGAGGAAAGAGACAAAAAGGAAAAGGGGCGAAAAGG G GAAGGAAAAGGGGAAGGCCAAGGGAAAGAGGAGACCAAAGGAAACGAAA AACCGGGAGGAAGCGAAAAAGGGGGAGGGGAGCCGGGGAAGGAAGGAAA AAACCAAAGAAAGAAAAGAAAGGAGCCAAAAGAGAAAGAAAGAAAAGAAG G G G G GAAAACCGGGGAAAGGGCCAGAAAACCAAAAGAAGGAAAAAGGAAC C G G G GAAAACCAGCCAGGGAAGGAAGGGGAAAGGGGGGGAAAGAGAACCA GAAACCCGGGGGGGGAAGAAAAAAACCCCAACAAAAAGGAAGGGAGGAAC CAAAAACAGAGGGGGCAGAAAGGAAGACCGAGGAGGGAGGAAAGGAAAGA GGGGGAAAGGGGGAAAGCCAAGAAAGGGAAGGGAGAAAAGGAAGGAAAAC AAAAACAGAAAGGGGAAAAACGGAAGGCCAAGGAAAAAAAAGGAAAAAGA GTAAAGGCAGGAGAGCATTGGCAAAGGGAAAAAAAGGGGAAAAAAGAGAA GAGAAGGAAAAGGTAGGGGGGAAGAAAAAGAAGCCAAAGAGGGAAAAAAC CGGAGAAAAACGGGGGGAACCGGCCAGCCGAGGCGACGGAGCAAGAAGGC CGGCCAAAAAAACACGGAAGAAAGGGGGAGGGAAAGGAAAGGGGGGACAG GAGAGGGATAAGGGGGGGAGAGGAAGGGAAAGGAAGACCAAGGAATTAA
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CAGTAGACCGGACGGAAAAGGAAAAAAGGGGGGGGGGACAGGGAAAAAAA AGGAACAGGAGCAAAAAAGACAGGGAAGGAAGGGGGGAAGGCCAAAGCGC A GAGAGGAAGGAAGAAGCCGGGGGGGGAAGGAGAGAGAAAAGGAAGGGG AGGGGCAGGGGGAAGGCAAAGAACAAAAAGGGCCGGAGAAGGAACCTTAA AAAAACGGGGAAAAAAAAGGCAAAGAAAAAAAGAAAACAAAAAAAAAGAAA G GAAAGGAACCACGAAGGAAAGGCCAAGGGAAACCGGAAGGACGGAAGAG AAGCCCAGAAGACAGCAGAAAAGACAGCCAAAAGGCCGGGAAGGGAAGAG GGGAAGGGGAAGGCAAAGGAGGAAAAAAAAAAACCAAGGAAGGCCGGGGA CAGGGCGAGAGGAAGACAGAGAAAGGAGCGAACCAACAAAAAAGAGAAGG GAGCCGGAAAACAGGAAGGGGGATTGAAAAACCCCGGCCAGGAGAGAACA AAAGGAAAAAGGAAAAAAAGAGAGGGGTTAAAAAAGGGGAAGGGGAAAAG GGGAAGGCCAAGGGAGGGGGGGGAACCGGAACCAGCCGGTAGGGAGGCC AGAAGGAAACGGGAGAGGAGAGGGAGGAAAGGACGGGGAAGGGAAAAAG AGAAAGGGGATAAAAAAAAGAAGGGAGAAAAACATAAAACCGGAAAAAAA AAAGGGGAGACCCGGTTAGAAAAAAAAGGGGCCAAAAGGGGGGGGGGCCG GAAGGGGGGGGGGAAGGAAACAAAATTAAAAAGGAAAGGAAAGAAGAGGG GAAGGAATTGGGAAAAAGGAAAACCGGAGAAGAAGAGGGGGGAACAGAGG AGCGAAGCCGAAGCCAACCGAAGGGCAGGAGAACACAGAGGGGGAGGGGA AGGGAGAACAGAGGAGGGGAAGGAAAATAAGAAGAAAGGGGACAAAGAAA AAAAGCCAAAGACAAAAAGCCGGAAAATTGGGGGGAAGGCAAAGGACGAA ACCAAGGAGAAGGAGAACCAATTAAAACCAGGAGGAAAAGGAACAGAAAG A G G G G G G G G G G CA $\operatorname{l}$ GGGGAGAGGGAAAAGCAGGGAAAAAGGGGGGAAAA G GAA G G GAA GCCCAAGAGGGAAAACCGGAGACAGGAAGGGGAGGGGGGG GGACAGGAAAAGGAAGGAAGGGAGGACGGGGAGTTCAAGAAGGAGGGCG AA $\operatorname{G}$ GGGGGGGAACGCCAAGGGGGGGGAAAAGAAGGAGGAGGCGGCAAGA GGGAGAGCCAAAAAGGGAAGAGGGGGGAAGACGGACAAGGGAAGAAGGG AAAAGAACGGAAAAGGAGCAGGAAGGAACCGGGGCCAGGGCAAAGGGGAA GGGGAAAAAAAGAGGGGAAGCACAAGGGGCAGGGAAGGGGAAGGGGAGG AGACCCCCAAGAGGAAGAGACAAAGAAAAAGAGGAAAAGTTCCAGCCGGG GGGAAGGACGGAAGGGGGAGGGGAAAAAGAGAAGAAGAGACGGAAGGGG AAAAAAGGGAGAGAGGAGACAAAAAAATGGGGAAAAGGAAGGAAGGGGAA AAAGAAGGGGGGCGAGACTTGAGGGGGGGGAGAAGGGAGACCGGAAGGC CGGAACCAGGAGAGAAAGAAAGAGGCCGAGAACAAAAAAAAGGAATTCCA A G G AACCAAAAGGAAGGAACCAAAAGGGGCCAAGGAAGGGGAAGGAAAAA ACCTTAAGGAAGGAAGGGGGGGGGGGGAAGGAACCAAAAGGAAAAAACCC CAAAAGGGGAAAAAAAAAACCAAAAAAGGGGCCAAGGAAAAGGAAAAGGG GAACCAAGGAAGGGGGGGGAAAAGGGGGGAAAAAAGGAAAAGGAACCAAG GAACCGGAAGGCCAACCAAGGAAGGGGCCGGCCAACCAAAAAAGGCCGGG GGGGGAACCAAGGCCAAGGCCAAAAGGAAAAGGCCAAAAGGAAGACCAGG GAGAAAAGGAAAGGGCAGGAAAAGGAAGGGGAAAAGGGGAGGGGGGGAA GGAAGGCCAACCGGAGGGGGAGAAACGAAGGGGAGAGGGCAGGGAAAGA GAACAGGAAGAAAAGAGAGAAGAACCCCCGGGACAAAAAGGGGAAGAGGG GAAGGAAGGGGGGAAGGGACCAGAAACAGGGAGAAAAGGGGAAAAGGAAA AGGGGCAGAGAAGAGAGAGCCAAGGAAGGGGGGGAAAGGGGGGAAGGAA G GAGGGAAAAGAGGGGAAAAAAAAGAACACAAGGGGGGAGAGGGCCCCAA AAAAAAAAGGGGAACCGGCCGGGGGGGAGGGGAGCAGGAGGAGAACGGG GGGGAAAAGCCAAGGGGGGAGACGGAAAAGAGGAAGGGGAACCAGGGAG AAGGAAGGAGCCGGAAGGCCAAGAAGAGAAGAAAGAGGCCAGGGGGAAGG G G G G A G G G ACGGGAAGAGAAGGAGGGAGGGGGAAAGAGGGACGAGAGAA AAAAAAAAAGACCGAAAAGAAAGGAAGGGGAAAACAGGAGAGGAAAGACG G GACCAAAGGGAACCAGCCAGGGGAAAAACCGGGAGGCCAGGGGGAAAAC C G GAA G G G G GAGAGAGGTTGGAAGAGGAAGAGGCCGAAGGAGAAGAGCC ACAGAAGAGGGGAAGGGGAAGGAACCAACAAAGGAAAGGGGGAAAAGGAA GGAGAAAGAGGGCAGAAGGGGGAAGGGGAAGAGAGGGAGAGGAGAGGGA AAAAACAAGGCGGAGGGAGAGGGAGGGGGAGACAGGGAGGGGGAAGGCC GGATGGGAACGAAAAAGAAGGAAAGGGAAAAAGGAAGAGGAAGGCACCGA AA G GAAGGAGAAAAAAAAGGAAGGGGGGGGGGCGAGAGCCAGCCGCGAG AAAAGGGAAAACAGGAGGGGAGAAAAAAGGGAGAACCGGGGAAGGGGAAG AAACCGAAAGGAAAAAAAAAAAAAAAAAAGGAAGGAAAGAGGGGGAGGGG GGAGGGGGGCAGGGGAGGGCCAAAAACAAAGAAGGAAGAGGGAAAAGAAC CGAGGCCAAAAAAGAAAGAAGAACAAAAAGGAAGAAGGGGGGAGAGGGAA

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 ATTGGAACCGGGGGGGGAAGGGGAAGGGGCCACGGAAAAAAAAAACCGGG GGGAAGAAGAGCCGGGGAAAAGGAAACAAGGAAGGGGGAAGGGGGGGAA AAAAGGCAAAGGGGAGAAAGGGAACACCAAAAGGCCGAAAAGCCAGTAAA CACCGGGGAAGGCCGACAAGCCAACCGGAAAGGGGGAGGGGAACGAAACA GAAATTGGAGAAGAGGGGGGAAGAGAGAAAGGAAAAGGGAGAAAGACCGG AGAGCAATAGAGGAGGGGACAAACACAGAACCAGCAGGAAGGAGGAAAAG AGGCGGGGAGAAGGAAGGAGAAAAAGGGAAAGAAGGGGGAAAAAGGGGA

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 AA G GAAGGAGCCAAAAGGAAAAAAGGGGGGAACCGGAAAAAAACGGAGAA GGAAGGAGAGCCGACCAAGGAAGAGGAGAAAAGAGGGACCGAGGAGAGG GAAAACGGAACAACCAAAAGACACCGAGAAGAGGGCCCCGGCAGGGAGGA C GA G GAGAGAAAAGGAGGAAGAAAAGGGGAACAGAGGAAAGAAGGGGGG ACAAGGGGAAAAGGGGAAGGAAGGAGGGAGAGAAAACAAAAGGACCGGAA AGAGGGGGCAGGCCGGGGAAAAAAAAGGAAGAGAAGGAGAACGGAAGAAG GGCCAAAGGGGGAGGGAGGGAAGAAAGGAGGGCAATAGCCCCGGACGAG A G G G G G A A A G G G G A G G G A G GAGGAACCGGGGAGAAGGAAGGAAAAGGGG AACAAGAGAGAAAAGGCCGGGGAAGGAAAAAAGGGGGGCCCAAAAGGGGA ACGAAAGGAAGGACGAGGGAAAGGGAAGAGGAAGGGGGAAGGGGAAAAG GAACCAAGGGGGGGGGAGAGGGGACACGAAAAAAGATAGAGAACCAAGGA GAAAGAAAAGGGAGGAAAGCACCAGGAAAAGGGGGGGGGGGAAAAAAGGA AAAGAGGAAGGGAGGTTAGTTGAGGGGAGGGGGAAGGAGGGGGGGAAGG G GTAGAAAGGAAAGGACCGGGGGACCGGGGGAGGGGGGAGGGGGCAGGG A G A G A G G G G AA GAGGGGAAGGGGGGGGGGGGAAAAAACCAAAGTTGAAC AAACAGAAGGGGGAAAGAAACCAGGGAAAAAAGGAGAGAGGAAGAGACAA CCCCAAAAGGGGAGCCCCACGAAGCGAACCAACCAAGGGGGAAAAGGGGA GAGGGGACCCGGGACAGAGGAAGGCCCCAAAAAAAGGACCAAAAAAGAGA G GAGAGAAAAACAGAGAAAAGGGGAAGGAGGACCAGACAAGGACGAAAGG G G G A G G G G G G G G G G A C G G G G G G G G A A A A G G A A A A A $\operatorname{GAGGGGGGAGAAAC}$ AA G G GAAGGAAAAAGGGCCACGACCGAAAAAGAAGAGAACCGGAGGGGGG G G G G G C CAA G G G G G G G G G G A A A A G G GAAA GAAAGAAAGAAGGGAAAGCC AAGGAAAAGGAAGAAGCCCCAAGGCCGGGACCAGACAGGACAAAAGAAAA CCGAGGCAGGAAGGGGAAGGCCAAAAGGAGCCAAACCCCAGAGAAAAAAA CCGGGAGACCAAGGCCGGGGCAGGTTAGGGAGGGGGAAGGAAAGGAGGG AGACCAAGGGGAAAAACCCAAAAGGGGGGGGCCAAGAACAAGGGAAAGGG GGGAAGAGGGGTTGGGGAGGAGAGAGGAAAAAAAACCGGAAAAGGAGGG GGGGGGAAGGGACACCAAGGCAAACCGAGAGAGGGGACCCCCGGCAAAAA AAAAAAAAGAGGAACCGGGAGAAGAGGAAAAGAAAACCAAAAAAGGAGGG ACTAAGAGAGAAGGGGCCGGGGGGGGAAAA的GGGGGAGGGGGGGGCCG GCAA G G G G G G G G G A A G G G G A A G G G G G G A A A A A G G A A GCCCCAGGAGGAG G G G GAGGGAAGGCGGAGAACAGCAAGGAGAGGGACCAAGAGAAGAAAGAA G GAA $\operatorname{la}$ ACCGGGGAGGCCGAAAGGAAAATAACGGAAAAGGAATTGGGAAG CCGGAGTAAAGACAGGAAAGGGAAAAGACAGAGGAAAACCGAGACCAGAG GAAACCAAAAGGGAGGAAGGGGAAAGGGAAAAGGAGGAGAGGAGAGGGA AAAAAGGTTAGGGAGAAGGGGGGGGAAAAGGAAGGCAGCAAAAGGAACCG AGGAAAGGGCCAACCAGGGAAAAAAGGCAGAAAGGTTCCGGCCAAGAGGG G G GAACCAAAAGGGACCGGCAAAAGGAGGGAGGGAGGAAAGAGGGACGG G G G G G G G G G G G G G G G G A A G G A A CCAAAAGGGAAGAAGGGGAACACCAAA AGGGGAGAAAAGACCAAGGCCTTGGAAGAAAGGGAAGAGGGGGAAGAGAC GAAGGAAAAGGCCAGAGGGGGGGGGAGGACGGGGGAGACAGGGAGAGAG AAAACCCCGAAGAACCAACAAAAAAAGGGGAAAAGACCCAAAGGGGGAAG AAACGGAAGGAAAAGGCCAAGGGGAAAAAGCCAAGAGGCCCCGGGGGGAA

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GAGAGCAGAGGCCGGAAAAGGGAAGGAGAAGCCCAAGGGAAAAAAGAAGG AGAAGAAAAAAGGGGGAAAGGGGCCGGGGGAAGACAGAGAAAAAAAAGGC CGAGGAAAAGGAAAACCGGGGGGAAAAAAAAAAGGTTAAGGCCAAGGGGG GAAAAAAAAAAGGAAAAGGGGGGGGAAGGAAAAAAGGCCGGAAGGAAAAA AAAAAAAAAGGAAGGCCAAGGGGGGGGAAGGAAGGGGAACCCCCCCCAAA ACCAAAAGGAAAAAAGGGGGGTTGGCCAACCGGCCAAAAGGGGGGAAGGG G G G G G AA G G G GAAGGAAGGAAAAGGAAAAAAAAAAGGGGAAGGGGAAAAA AGGGGGGGGGGTTAACCGGAAAAAAAAAAAAAAAAAAGGAAGGAAGGCCG GCCAAGGCCAAAAGGGGGGGGGGAAAAAAGGAAAACCTTGGAAAAAAGGA AGGGAGAGGAAACGGAAGGACAGACGAAGAAGGAGAGGGAAAAACAAGGG GAGAAAAAAAAGGCCAGAGGAAAAAGGCCAGAAACGAAAAAAAAAAACAG GGGAACCCCGGGGCCCCAACCAGGGAGGGGGGAGAAGAAAAGGAAGCAAG AAAGATTCCGGAAGGAAAAAAAAGGAGAGGGCACAAAAGAAGGAGAAAAA AAGAACACACCGAGAGGACAGAGAGAAAACCAAAAAAGAACGGAAGGGGT AAAAGAGAGAGGGGGAGGGAACCAAAAAAGGAAAGAGAAAAGGGGGGGGA GGAGAGGAGGACAAAAGAAAAGAACCAGGGGCAGGAGGAGGGGAAGGGG AA $\ln A \mathrm{~A}$ GAGAAAGGGAGAGAGGGAAGAGAGGAAAAAGACCAAAAGGGTTGG ACAAGGGAAACCCCGGAAAAGGCCAGAAAAAAGGCCCCAGGGCCCCGGCC
 GAGAAGGAGCAGGAAAGAGGAGGAAGAAGGGGGGAGGGAGGAAGGAAGG G GAAAAGGGGAGGGAGAAAAAAAAAAGAGGCAAAAGGGGACCGGCCGGAA AACCCCACGGAGAGAAGCAGGGGGAAAAGGGGGGAGGGGGGGGAAAAAC AAA $\operatorname{A} G \mathrm{G}$ GAAGAGGGGGGGGAAGGAAAAGGCCGGAAGGGGAAAAGAAGAG GGAAACGGCAGGAGAAAGAGGGCCGGAAAATTAAAGGAGGAAGGAGGGAA GAAGAAGGAAAGAGACAGAAAGGGAAGGGGAAGGAAGAGGGGGGGGGGG GAAGGGGAGAAAAAAGGAAAGGAAGGCAAAGGGGAGGGGAAGCAGAACCC CGGAGGAGGACAACACCAAAAAAAAGAGAACAAAAGGAAGGAAGGGGAAG GCCAGCCGGCCAAGGAGGGGGACAGGGGAAAAAAAAAAAAAGGAAGGGGA AA A A GAGGGGGGGAAGGGGGGGGGGAGGAGAACAAGGGAGGAGAACAGG CAAAGAACGGAGGGGGGGAAGGCCGGGGCCGGAACCAAAAAGCCGAGGG GAGGGAGGAAGAACCGGGACCAGAGTTAAGGAAGGGGAAGGAAGGACAAG AGGCCGGAGAAACAAAAGGAAAAGGAAAGCAAAGGAGGGGAGAAACAAAG AGGAAAGGAGGAAAAAAAAGGACGGAGAGGAAGGGACGAACAAGGAACAG AAAAAGAGAGAGGGACCGGGGAAAAGGGGAGGGAGAGGCGGGGGAGGGG AACCCAGGGGCCGAGAAGAATTGGGGGGGGGGAAGAAAGGAAGGAGAAG GAAAAAAAAGAAGGGGGAAGAGGGGAACCGGGGCCAAGGGAAGAAAATAC ACCGAGGAGGGAGGAGGGAGGGGCAAGACGAAGAGGAAGGAAAAAAAAAA ACCGAGAAAAAGGAACAAGGGGGGGAAGGAGGAACAAGGAGGGCCAGGGA A G G G A ACAGGGGGAGACGAGACCGGGAAGGGGAAAGACCGGGGCAGGAG AA GGCCAAACAAAGAACGGGGGGGACAAAAAAGAAGGAGAGGAAGGAAGG CCTTAAAAAAGGAAGGGGGGAAGGAAAAGGGGAAGGGGAACCAAGGAAGG GGGGAAGGAAAAAAAAGGGGGGGGGGGGAAAAGAGAAGGAGGAGAAAAA GGAAAAAAGACCCAAAGGAACAAAAAAAGGGGGAAAAGAACGAGGGGAAA AAAGGGGGGAGAGACGAACGGAAAGACAGGAAAGGAGACCCAAAGAGAAA AGGAAGGAGGGAAGGCCAAAGAAGGGGCCAGAAGGGACCAGGGGGCCGA GGGGCAAGAGGAGGAACAGGGAAGAGGAGGGAGGGAGAACGAAGAGAGG AAGGAAAAAGAGAGGGGAACCAAGGGGGGAAAGAGGAGAGAAGGAAGAAA AAAGAAAAAAAAGACAACAAGGGGGGGGACAGGGGGGGGGAAGGGAACCG GAAAAAAGGGGGGCCGGAGAAGAAGGGGGAAGGAAAAAAGGAAGAAAGGA AAAGGAGGGCCGGAAAAAGGGAAAAAAGGGGGGGGAAGGAGGAGAAAGG AA $\operatorname{G} \operatorname{GAA} \mathrm{A} G \mathrm{G} G A A G A A G A A G G G G G A A A A A A A G A G G G G C C A A G G G A A G A A G$ G G G GA GAAAGGGGAAGGGGAAAAAAGAGAGACCAGAAGGAAGAAGAGGG GGAAAAGAAACAAGAGCCGGAAAGAAAAAAAAAGGAGAGGAGAAAAGAAG G GCCGGAGAAGAAGAGAGAGGAAGGAAAGGGGGAGGAAAAGGAAAAGAG G GAAAGGGGCCCAGGGGACGGAAAGAAGAGAAGGGGGGAAAAAAGGGAG GAGGCCGGAGGGAAAAAAAAAAGGAAGGAACCGGGAAGAGGAAGAACAGG CCGGAAGGAAAAAAGGCCAAGAAGGGCCAAGAGGGAAAAACCGGGGAGAA GGGGGGGGAAACAAAGAACAAGAAGGAAGGGAAGAAAGAAAAAAGGGAAA AGGGAGGGAAAGAGAGGAAGAAACGGCCCAAAGAAAGGAAGGAAGGAAGG GGCACCAAGGGAAGAGAGGGCAGAAGGAGAAAGAAACCAAGGGGGGCCAG AACCGGGGAAGGACAAAGAGAAAAGGGGGGGAGGAAAAGGAAGGCAAAGA

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 G G CAG G G G GAAGGAAAAGAACAAAAAGGGCCGGAGAAGGAACCTTAAAAA ACCGGGGAAAAGAGAGGCAAAAAGAAAAAGAAACCCAAACAAAAGGAGGA AAAGGGACCACGAAGGAAAGGCCAAAGGACAACAGAAGGCCGGAAAAAAG GCCAAAAGGACAGAAAAAAAGCCGGCCAAAAGGCCGGAAAGGGAAGGGGG GAAGGGGAAGGCCAAGGAAGGAAAAAAAAAACCAAGGAAGGCCGGGGACA GGGCGAGAGGAAGACAGAGAAAGGAGCGACCCACCGAGAAAGAGAGGGGA GCCGGCAAACAGGAAGGGGGGATAAAAAACCCCGGCCAGGAGAGACCCAG AGGAAAAAGGAAAAAAAGAAAAGAGTTGAAAAAGGGAAAGGGGGAAAAGG GCAGGCCAGGAGAGGGGGGGGGACCGGAACCAGCCGGTAGGGAGGCCAG AAGGAAACGGGAGAAGAGAGGGGGAAAAAGCCGGAGAAGGAAAAAAAAGA

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 AA $\operatorname{l}$ GAGGGGAAAAAGGGAAGAAAAGAGAAGGGGAGGAGGGGGGAGGGAA GAAAAAGGGAAAAAGGAAAAGGGGGGAAAAGGAGGGAAAGAAAAAATTGA AGCCAAAGAGGGGGGGAACCAAGAAGCAGGAAGGCCAGACGAAGAGGGGG GGGAAAAAGGAGCCAAAAAAAGAAGGGGCAGGAAAAGACAACAAGGGGGG AAAAATGGAAGGAAAGGGAAGGAGAGGAGGGGGGCCAAGAGGGGCAAGG GGGAGAAGGAGAGAGAGGGGAAGAGACGGAGAAAAAGCAGGGGAGGAGG AA G GAAGGAAGGGGAGAAACGGAAGGAAAAGGAAGGAGGGGGGGAGAGA TAAGGAAGACCAAAAAAGGGGGAAGGGGAAGAAAACCAAAAGGAAAAGGA AAGAAGGAACCTTAAATGGAAGGAAAACAGGGAGAAAAAAGGGGGGGAGG GGAGAAAGGAGAGAGGGGACAGAGAGGAAGGGGCCAGGACCGGGGATAA G G G GCAAACCCAGACCGGGGGGAAAAAAGGCAAGGAGACAAGGAAGAAAA AGAAGGCCCCAACCAAAAGGAAGGAAAGGGAAAAAAGGAAGGAAGGAACC G G G GAAATGACCGAACGGGACCAGGAGAAAGGAGAAGGGGCAAAGGAGCC G G G G G G G A A A A CAGGCGGGGGGGGAAAGGAGAGGGGGGAGGAGGGAGAT TAGGGAGAAGGAAAGAGGGAGAAGAGGGAAAAGAAAAGGAGCCCCAACCG AAAAGGGAAAGGGAGAAGGAAAAAAAATAAGGAACGGAAAACCCCAACCA G G GAAAAAAAACAAGAAAACCGGGGAGAAGAAGCCAGCCGGAAAACCGGG GGGAAAAGGAAAAAAGGGGAAAAGGGGAAGGAAAAGGAAGGGGGGGGCC AAGGAAAAAAGGAAGGCCGGAAGGAAGGGAAGGCAGAAGAAAGGTTAAAA AGAGACAGGGAGCAGGAGAAAAAAAAGGCCAGGGAAGGGGAAAGCGGGAA AACCCCAAGGGGGAAGAGGGGGAAGGGGGGGGACGAAAAAGAAAGGGGA AGAAGAAAAGAAAGGCAGGGAAGACGGGGGGAAGGAGGGGACCGCAAAG GGAAGAGGAACAAGAAAAGGAGGGAGCAGGAGAAAGGAGAAAGAGAGGG GGGGGGGAAGGAAACAAGGCAGGGGACGACAAGCCGGGGAAAAAAGACCA AGGAGAAAAAAGAGGAGTTGGGAAACAAACCACAATACCAAGAGGAGGAG ACAGGGGAACCGAAGGGAAGGGAGATTACCCAAAGGGGGAGGAGGAGGG GACCGGAACAAAAACCGGAGAACCAAGGGGAACAGGGGGGGGGGCCCCAA GAGAAGCAGATTGGGGAGAGAGGAGAGGAAGGAGAAAACCGAGACCAAGA AA $\operatorname{GGGGAGGAAACAAGCGGGGAGAGGAAGGAACCAAAGCCAACAAAGGGG}$ CCGGGGCCGAAGCCGAGGAAACGAGGGGAAAGCAAAAAAAAAAAAGAAAA G GAAGGGGCCAAAACCGGGGAGAGAAGGGGACGGAGGGAGAAAAATGGA AAAAAGGAAGGGAAGAGAGAAGGGGGAGCAAAAGGAAGAGGCCAAGGGGA AAA $\operatorname{lng} \operatorname{GGGGGGAAGAGGAGACTTAAGAAAAAGGAAGAAGGAGAAAAAAAG~}$ GAAACCCGAAACCCAGGAAAAGGAGGGAGAGCAGGGGGGAAGGGGAAGGA AAAGGAAGGCCAACCAAGGGGGGGGAACCGAAAGGGGCAGGGGCCAAAAC CGGCCCCAAAAAAAAGGGGGGAACCGGATACGGCCGAAGAGAGAAGAAGG GAAAAGGGGAAAAAACCGGAGGGGGGAGGAGAAAGGGAGCCAGGAAGGA GAAGGACGAGAAGGAAAAAAGGAAGGGGCAAACCGGAAGGAGGAAGGGG GAAGAGGGGAGAAGGAACCGGGGGAAGAAGGAAAAAAAAGGAAGGGGAG GGACCAGGGAGAGGGACCAACCAAAGAATTGAAAAAGGAAGGGGGAAAGG ACGGAGGGAAGGAAAAAAAAGGGGGGAGAGGGGGGGACGAAGGGAGGAG GAGACAGAAAAAAAAGGGGAAGAAAGGGGGAGGAGAGGGAAAAAGACAAG GAGCCGAGGAACAGGGGGAAAGGGGGGCCCCGAAGGGAAAAAACCAAAAA GAAAAGGGGGGAAGGGGGGAAAAAAGGGGAAGAGGAAGGAAGGGGAAAA G G G G G G CCGGAAAAAAACAAAAGGGAGGGAAGGGAGGGGGGGAAAAGAA G GAAGGGGGGAAGGAAGCGGGAAGGAAAAGAGAGGAAGGGAAAAAAAGG AAAAGGACGGAGAAGAAACCGGAAAGCCAGAAAGCAAGGGGGGGAAACGG GGGGCCAGAAGGGAAAAAGAAAAAAAGGAAGGGAAAAAGGAAAAGGCCAC CCGGGGAGTTGGGAGGAGCAAGAGGAGGAGGGGGGGAAGGGGGGAAAGA GAGGGAAAGCCAGAAAACCAAAAAGAGAAAAAAAAAGAAGGAAGGCCGGA AAAAGGGAGGGAGAAGGGGGAAGGGCCACAAAACCGGGAAGAAAAGGCCA AGGAACCGGAAGGGGGGAGAGAAGGAAGGGGAAAAAGACAGGGGGACGG GGGAAAAGCCGGAGGGGAACGGAATTAAAAGGGGGGCCGGAAGGAAGGG GAGGGGAAACCCCGGGGGGGGGGGGAAAGGGGAAGCCAAGGGGCCCCGG AAAACCGGGAAGGGACGGAGAAAAAGGGGAGACCCCAGGGAGAGACAACC

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GGGGAAAAAAGGACCGGCGGAAGGAAAGAAAAAAGGGAACCGGCACCAGG AAAAGAAGGGAGGAACCAGACGGGAGGCAGGGGGGGGAAAAAAGGGGAA AAGGAAGGGGAAACGAAAGGACGAAAAGAAAGGGGGCACCAAAAAAAAGG GGGGGGAAGGTTAGGAAGAGGGGGTAAAAGGATAAGAAGGGGGGAAGGA AAAGAAAAAAAACAGAAAAGGGGAAAACCGGAAGAGAGAGAGGGAAGGCG GAGAGAGGGAAGAGAGGCAAAGAAAAGAAGACCAAGGGGGGGGGGGGAA GAAAAAACAAGGGGAAAAAGAGCCGGCAAGGAGGGGAAGGGGAAGGAAGG GGGAAAAAATAAGGAAAAGGATGAGGGGACGGAGGGGCAGAAGAGGGGA AGGAGGGGGGAGAGAAGGAAAAAAAAAACGGAAGGGGAAGGGGGGGAAA GGAAAAAAAAAAGGCAAGGAGAACAAACGGAAACAAAGAGAAAGAACCAA AAGAAAAAAGAGACAGGGGGAAGAAAGGAAAAAGAGAGAAGGGGAGAGAG CAGGTTACGGGGGGGGAGAGGAAACAGACAAGGGGGAAAAAGGGGAAGA AGGACGGACAAAGGAAAAAGGAAGGAGAATAGGGGATGAGAGAAGAGAGG GGAAAGAACGGAAAAAAAAAAGGGGAGAAAAAAAAGGAAAAGGAAAAGGA AAAGGGAGGGACACCAGGGAACACAGGAAGGAAGCGGGAAAGAGAAAAGA GAGGGGAAAAAGGCCAGAGAAAGGGAAAGAGGAGGAAAGCCCCGAATGGA AAGAAAGGGGAAAGAAACAGGAACCGGGGAAGGAAAAGGCCAAGGAAAAA ACCACAAAAAAGGGGGGGGAAGGGGGAGGGGAAAGAAAAAAGGAGAAAAG GAACCGGGGGGAGGGGGGAAAGGAAAAAAGGAGCCAAGAGGGAGGGGAA GGAAAAGGGGGAAAAGGGCCAGAAGGAGGAGAAAAGGAGGCAGAGGGAG GCCAAGGGGACGGAGGACCAGGGAAGGAGGGGGGGAAAAGGAGAGCGAG CCAAGGAGAAAGAGGGAAGGAGAAAGAGAGAGGAGAAGAAGGGGAGCAAG GGGAAAGGAAGGCCGAGAAGCAGGAAGAGAAAGGAAAGAAGAGGAGAAAA AAAAAAGGAAGAACATCCGGGGGGCAGAGGGGAAAAAAAAAAAAGACAGG AGCAACCAAAGGAAAAGGAAGGGGAAGGGAGACGAGCAGAAGGGGGAAGA CCAGGAGGCCCCAAGGGGGAAAAAAAGGAAAAAAAAGACCGGAGAAGAGA AAAAGGAAAAAACCGGGGAACCAAAAAAGGAGGAGGAGCCGGAGGAAAAG AACAAGGAGGAAGGGGAGAGGGAAAAAAAAGAGGCCAGGAAGGGAGGGAA AACCGGGGGAGAGAGGAGGAAAGGAGAGGAAGAGAGGGGGGAAAAATTA CAGAAAACAAAAAAGGAAGCAGACAAGGGGGGGGACGAAGGAGGGGGAGA AGGAGGGAAGAAGCCGAAGGAAGAGGAGGGGAAAACCGAGAGAAGGAGG AAACCCAAACAAGGGGGAGAGGCAAGGGAAGGAGAGAGAAGGAAAAGGAG AAAACCGGCCAGGAAAAGGGAACCGGAAGAAGAAGAAAAAACGAGACCAG AGAGACAGGAGAAAAGAGAAAAAAAGCCGGGGAAGAAGAACCCACACAAA AAAGAGAAAACCAAACAAGGAACCGGCCGGAACAGGGGGGGGAAGGAGCC ACAAGGCAAAGGAAGGGAGGAGGGAGAAGGGGAGGGGAAGAAAAGGAAG AGAAAGGGGGGCCAGGGGGGGCCAAGGAAAAAAGGAAGGGGAGGAAAGG GGAACCGAAAGGGGAGGGAGAAAGAACCCAAAGGAAAAGGGGAAAGAAGG AAAAAGAGAACCGGAAAAAAGAGAATAGAGAACCCCGAGGGAGAGAAAGA GGGAAAAGGGGAGAAAGGGGCCGGAAAAGGAAAACCCCGGGGCAAGAGCA GGAACAAAAGAGGGAAAAGGGGGAAAAATTAAAGAACAGAGGGGGGAGGG AAAAGGGGGGGGGGAAAAGGAAAAAAAAAAGAGGAGCCGGGGACAGGACA GAGAAGAGGGAAATAAACCCGAGACCAAAAGGAAAAAAAATTCCCCGGAG GAAGGAACTTGGGGGGAAGGAAAAAAAAGGAACCGGGGGGGGGGAAAAAA AAAAAAGGAAAAGGGGAAGGGGAAGGCCGGGGAACCAAGGGGAAAAAAAA AAAAGGAAGGAAGGAAAAAAAACCAAGGAAAAAACCCCAAAAGGAAGGAA GGAAAAAAAAGGAAGGCCAAAAAAGGAAAAGGGGGGGGGGGGAACCAAGG CCGGGGAACCGGAAAACCCCAAAAGGCCAAGGAAAAGGAAAAAAGGGGGG GGCCGGAAAAAAGGAAAAAAGGAAAAGGGGCCGGAAAAAAAAAAGGAACC AAAAGGCCAAGGGGGGTTGGGGAAGGGGCCGGAAGGGGAAGGAAAAAAA AGGGGCCGGAAGGCAGGGGGGAAAAGAAAGAGAAAAACACAAAGGGGAAA GGGGGCAGGGGGAAAAAAAAAAGGGAAAAGAAGCCAAGGCCAGAGGACCC AGGGAGAAAAGGGAGAAAAGAAAGGAGGAGAGAGGAGACAAGAAGGAAAG GAGGAGAAGGGGGGAAAGGGGGAAAGAGGGACAAAAAAGCAAAGGCCAAA AGGGGAGACGACAAAAACAGGGGCCCCAAAACAGAAGGGGGTAGGAACCG GGGAAAACCGGGAAGGAAGAGAAAAGAAGGAGGAGAGGAGAGAAGAGAG GAGAAGAGAGATGAGAACAGCAGGGGGGAAGAGGGAGAGAGGAGAAGGA AGAACGGGAGGGGGGCCGAAAGGAGGAATAAAGGAGGAGAACAAAAAAAG AGGAGCAAAGGCCAAGGGGGGAAGGGAGGGGCCAAAGACGGGAAGAGGA TAGGGGAAGGGGAAGAAAAGGGAAAAAATTAAAAAGAGAAGGAGGAGGAA GGGGAAGGCAACGGGGGACCCCAAAAGAAAAAAAGAACGGGGGAGAGGAA

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 A G AA $\operatorname{l}$ GGAGGAAAAAAAAGGAGGGGAAGGAGGAGAGACCAGACCGGCCAG AAAGAGAAAAAAGGGGGGAAGGAAGGAGACAAGGGGACGACCCCAACCGG CCGGACGAGAAAGGAGGAAGAGCAGGGAAGACGAGAACGGGGGGAGACAA ATAGGGCCAAGGAGGAACGGGGAAGGAAGGCAAGCCACACCAGGAGCCCC CCGGACAAAAGGGCGGGAGGGGGGGAAAAAGGGGAAGGAGAAGGAAGGG GAAAAGGAGAAGACCGAAAGGGAAGGAAAGGGGAGAAGGGGCAGAGAAGA GAGAGAAAGAAAAAGAAAAAGGAAGAGGGCCGGAAGGCCAACCGAGGGGT AAAGAAGAGGACGGAGGGGAAGGGAGGACAGCCAAGGAGAGAGGGGGAA AA G G G GAAAAAAGGCACCGGAAAAGGAAAAGGAGGAGCGGAAGGAAAAGG AAGGAAAAGAAAGGAAAAAAAAGGAAAAGGAGGGTTGGGGAACAAAAAGG CCAAAAGAACAAAAAGAAAAAAGAGGCCGGGACCGGACAAGACAAAAAGG

G GAAGAGGAACCAAGACCGGGAAGAAGGTTAAAAGAAGCAGGGAACGGAG G GAGGAAAGGAGAAGGAAGGAAGGGGGGGGAGACAAGAATGAAAAAGGC CAGGGAGGACCAGGACCAAGAAGTTAAAAAAGAAGAAAATAGGAAAACCA G G G G G G A GAGGGGAAAAGAGGAAAAAGGGAAGGAGGAGGGGGGAAGACA GGAGCCAAAAAGGAAAGGGGGGAAGGTTGGGGGGAAGGAGGGAGGAACC CA GACAGGAAGGAAGGAAAGGGGAGACAGGGAAGGGAAAGGACCAAGCCG AAAAAGGGGAAGAACAGGAGAGGCAGAAAGGGAGGAAGAGGGGAAGAAGA G G G G GAAAAAGAGGGAAGAAGAAGGGGGGGGGGAGCCGGGGGGGGAAAG AA G GAA $\operatorname{A}$ GGGGGACGGCAAGGAGGGGGGGGGGAGAGAAAAGGGAAAGGA AA $\ln$ C 1 AGGGGGGGACGGGACAAGGGAGCCGGAAAAAAGGAGAAAACAGAT TGAGAGAGAGGGGGGGGGAAGCCAAAAAAAGAAAGCCGAAAAAAAAGCCA ATTGGAACCAAGGGGAAGGGGGGGGAAGGAAGGGGAAAACCCCGGAAAAA A G G G G G G G GAAAAAAAA G G G G G G G GAAAAAA G GAGGGAAAAAAGGAAAG G G G G G GAAAAGGCCCAGGAGAGACGGCAGAACGGGAGGAGGAGGAAAGA AGGAAGGGGAAGAAACCAAGAAACCAAAAAAAAACGGAAGGAAGGGGAAA ATTGGAGAGGAAGACAGAAAGAAACAAGGGGAAGGGGCCAACGAAGGGGA AGAAAGGAAGGAAGGAGAAGGAACCGGAAGGAAGAAGAACCAACCAAAAA AAAAAAGGAGAAAGAAGGGAAAAGGAAAGGCGGAACCAAGGAAGGGGACA AAAAGGAAAAAGGAAAAAAGGAAAAGGGGAAAGAGGGGGGAGAAAGAGGG
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 AAA $A \operatorname{GGGGGCCAAGGAAGGAAGGGGGGGGGGAAGGGGAAAAAAAAGGAA}$ CCAACCAAGGAAAAGGAAAAGGGGGGGGAAAAAAGGGGGGAAGGGGAACC AAAAGGGGCCAAGGAAAAGGAAGGAACCAAAAAAGGAAGGAAGGAAAAAA GGCCGGGGCCAAAAAAGGCCGGAAGGAAAAGGAAGGAAAAAAGGGGGGAA AAAAGGGGGGAAGGGGGGCCCCGGGGAAAAAAAAGGGGAAAAAAGGGGA ACCCCAACCAAAAAAGGGGCCAAGGGGAACCGGAAAAGGGGAAAAGGAAA AAAGGGGAAAAGGGGAAGGGGAACCGGAAAAGGAAAAAATTAAGGAAGGA AGGAAGGAAGGGGAAGGCCAAGGAAAAGGGGGGAAGGAACCCCAAAACCA AGGGGAACCAAGGGGAACCAAGGAAGGAAGGAAGGGGGGAAAAAAAAAAG

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GGAGAGGAAAAAAAGGAAAACCGAAGAGGGAAGGGAACAAACGAGGGGAG AGGGCAAGGGCCAGGGGAAAGGAAAAGGGGGAGGACAAGGAAACGGGGG GGGCCGGCAAAAAAGAAAACCGGAACCCCGGGAACCCAAGGGGGGAAAAA AA G GAGGGGAAGGAAGGAAAAGGGAGGGGGGGGAAGGGGAAAAGGCCGG AA G GAAAAGAAGAGAGGGGGAAGAGGGGGGAAGGAAGAAGAGAAAGGAG GAAGAGAAGAGGACCACACGGAAAAAGGAAAAGGGCCCAATAGGGAAAGA AGGAAGGGGAAGGGGAAAAGGAAAAAGGAGGGGAGAGGGGGAGACGAAA AGACGAAGAAGAGGGAGAAAGGAAACGGGGAAAAGGCAAAAGGAAAAAAA GGAAAACAAAGCACACCCAAACAAAAAGAGAGGAAAAGAAGGGGAAAGAA ACGGAAGAGGTACCAGAAAGCCAAGGGGGACCCCGGGGGGCAGAGGAGAA TTGGAACAAGGAGAAGGGAAACGGGGGAGGAAAAGGAAGGCCGAGGGGA AAGGGGGGGAGCCCCGGCCAACCAGAAAAAAGGAAGGAAGAGGCCAGGGA AAGGAAGAAGAGGAAAAAAGGGGAGAAGGAAGGAAAACCAAAAAAAACCG GGGAAAAGGAGAAAGACAGAAAAAAAAAAAGAAAAGGAAGGGGGGAAAAA GAGGGAAAAAAGGGACCAAGGGGGGGAAAGGGAAGCAGGAACAAAGAGG GAAGGCGGAAGGCACAAGGGCAGAGGCAAAAAAAGGGGAAAGAACACCAG GGGGGGGGGGAAAAGGAAGGGGGAAAGGGGAAAAGGGGAGGGAGACAGG AGGGGAAGGGGAAGGCAGGAGGAGGAGAGGGCCCCAAGGGAGAGGAGAG GGGGAAGAAGAGAAGAGGAAAAAAAAGGAGACAGGGGGGGGGGACCCCA GAGGGAAGAGAAGCAAGGAAGGAAGAGGAGGACGGAAGGAAGGGACAGG AGCCAAAAGGCCACAAACAACCAAAGGAAGGAAAGAAAGAAGCGGGAAAA AAAAGGAAAAGGGAAAAAACCCGGCCGAGACAAAAAGAGGCCGGAAAAAG AGATAGAGGAAAAACCAAAGAGGGGGAAAAAGAAAACCAAGGAGGAACGG GGAAAGAAGGGGAAAAGGGGAAAAAAAAATCAAGGGAGCACAAGAAACAA GGAAAGGGGGACGGAGAAGGGGAAGGAAAAAAAAGGGAAGCCCAGGGGC CAAGGGGAGGAAAAGGGGAGGAGCCAAACAACCGGGGCCCCCCGGAAAGA AGGGGAACCAAAGGAGAGGAGGGAAAAAAGGCCGGTTAGGGAAAGAGGG GGACAGAGGGTTAGAAGAGAAGAAAAAAGAGCGGAAGGGGGGAAAGGAG GGGGGGGAAGGAGAAAAAGAGGGGGGGGGGGAGGAAAAAGGGGAACCGG GGAAAAAAAGTTGGGGGGCCAGCCAGCAAGGGGGAAAACCAAAAAACAAA AA GGGGAGGAAGAGGGAAGGAGAAAAAAGGGGAAAAGGGGAGGGGGGGA AGGGGAAAAGGACAAGGGGAGGAAAGGAAGGAGAGGAAGAAAGACGGGG AA GAAAAAGGGAGAGAAAACGGAAGAAGAGAAAAGGAAGGGGGAAAAAAA AAGGGGAACCGGAGAAGGGGAGAAGGAAGAAAGGAACAAGAAGGGGGGG AATGAAGAAGAGAATAGGGAGGGGGGGAAAAGAAGGAGGTTACGGAAGAG GAACCGGCAACGGAGGACAGAAGGGAACCAGAAGGGAGGAAAGGAAGAAA AGGCCAGAAGGCAGAAAGGACAGAAGGAAGGAAAATAGAAGAAGGGGGGA GGAGGAAGAAGTTCGGAAGCCAAAGAGAGGGCCAGGAGAAAAAGAATGGG GAGAGAAAGCCGGGGGGGGGAGGAGAAAAAGGGGGGGGGAAAAGAAGAA CCGGAGAGAAACGGGGGGGGGGGGGGAGCAGAGGGGGGAATTGGAAACA AGAACGAGAAAGGGGGGGAAGCCACGGGGAGGGGAACGAAGGAGGGGAA GGCCGGAAGGGGAACGGGCCAAGGCCGGCCCCGGGGAGGGGGGGAAGGC CGAAGAAGGAGGGAAGGACAGAAGAAAGAAGAACCAAAAAAGGAACCAAA AAAAAAAACAAGGAAGGGGAAAGGGCCAACCAGAGAAAGACCCCCGAGGG AAAACGGGGGAGGAGGGCCGGCCACAAAAACGGAAGGACAAAAAAGGAAG GGGGGGGGGCCTACCAAAGTTGAAGAGAAGAAAAAACCCAAAAGAAGGGA CACAGGGCCCAAAGGAAGGGGGGCACACAACAGCAGGGGGGAGGGAAGGA AAACCGGGGGGAGGGGGGAAGAAAAGAAAAAGAGGAAGGAAAAAACCAAG GGAGAAAAACAGGAAAAGGAACCGGGAAGAAAGGACGAAGAGGGAGAAAA AAAAACAAAGAGAAATTCAAAAAAAAAAAAAGGAAGGGGAAAAAAGGAGA AAAAGGGAAAAAGAGGAAACAAACCAAGGAACCCCGAGGAAAAGGAAAGA ATTAAAGAAAAAAGGGGACCAAAAGAGGGCACCGAAAGAGAGACCAAAAC AGGAGAAAAAGGGCACGAAGGAGGAGAGAAGCCAAGGAAACAAAAAACCA AAAGGAAGGGGGACAGAAGGGGAGGAAGAGAAAGGCACCAAAAAACCGAG GGGGGGGAACCGGGGAGCAGGGGAAAAAGAAGAAGAAAACCAAACAAGGG GGGAGGGCCGGGGGGGGCCGGGGAAAAGGAGGAAAGGAACCGGAATAAC GGCCAAGGGGGGAAGGACGGGGAAGAGGAACCAGGAGGAGACGAAGGGG GAGAAGGGGGGGAGGCCCCAAGGAGGAAAGGGGGGTACCGAGAGATTAG AAGAAACCGGCCCAAAGGGAAAGAAAAAAAGGAAAGGACACCGGGGAGAA AGAGAGAAAAAAAAGGGGGGCAAGGGAGAAGGGGGGAAGGGGGAGACCA AGGAGGAGAGAAACCAGCCAGAGAACCAGAAAAGAAGAAGGAGGGGGGAG

G G G G G G G A A G G G GAGAAAAAGAAAACCAAAGGGAAAAGGGGGGGGGAGG AA G G GAGAGAAGAAAGAAGGCCACAAAAGAAGGGGGCCCCGGAGCCGGAA AAAAAAAAGAAAAAGACCGACGCAAAAGAAGAAGGAAAAAAACCGGCCGA AAAGAAGGAAAAGGAAGAAAGAACAGGGATGGAGGAAGGCGGGGGGGGC AAAGAAAAAGGGGGAGAAGACGAAAGGAGAGAAACGGACGGGGAAAGAAA GAAAAAGAAAGAAAAGGACAAAAAAAAGGGGCAAGCCAAAGAGCCGGAGA G G GAGGAGAAAGGAAGGGGCCGAAAAGAACCAGAGGACCAGAGAGGGAAG ACCAGGGGACCGGCCCCAAGAAAAAAGGGCCGGAAGGAAGGGGCCGGCCG G G G G G A A A A A A G GAA G G G G G GAAGGAAAAGGGGGGGGAGACCCGGGACA AGGAACAAGAAAAAAAGGACAGATGACCGGAAAAACCCAAACGGGAAGGA CCGGGGCGGGGAGAAGAGACAGGGGAAAAGAAAAAGGGCCGGGAAGAGA GAACAGGGGGGGGGGGGAAAAGGGGAAAAGGAAAAAACCAAGGGGAAAA GGAAAAAAGGAAGGAAAAGGAAAGGGAAAAGGGGAAAGGGGAAAGGAGGA AAGAAGAGAAAAGGAAGGGGGAGGGGGAGACAGGGAAAGAAGACGCGAG GAAGGACGAAAAAGACGGCGAGAGGAAGAGAGGCCAAGGCCGGGAGAAAG GCCAAGGAACCGGAGAGAAGGAAGGAGGGGGAACCAAAAGGGGAGGGAA G G G G G G GAGGAAGGCCAAAAAACAAAGAGGAAGGAGAAGGAAGGCCAAAA G G G GAAAAGGGGAAGGAAAACCGGAGGGAACCAAGAGGCCGGGAGAAAAA AACAGGAGAAACCCACGGAAAAGGAAGGAGAAAAAGAGGGGGGAGGGGAA AGGAGAGAAGAACAGGAGGAAGGGGGAAAAACGAGCAGAAGAAACCAGGA AA GAAGAGAGACGAAAGGAAAAAAAGGAGGGGGGAGAGCCAAAAGGAGGG ACGACCGGGAACAAGGGGGGAGGGGGAGGACAACCCCACAGAAGACGGGG A GCAGGAAAAAAGGAAGGAAAAGGGGAACCAAAAGGGGAAGGAAGGACAA CCCCAGGGGGGGGGGGAAGGGGAGAGGAAGCCAGGGAGAGGAACAGGGG AGAAAAAAAGAGAAAGAAGGGGAAAAAAAAACAAAACAGCACAGGGGCAA GAGGGAAGAAGCCAAACGGGAAGGAGAAACAAAAAAAGAGAAAGGAAACA AA $\operatorname{GAAA}$ A G G GAGGAAGGGGCCGAGGGGGGGGGGGGAGGGGGGGAAGGAA AAAACAACGGCCAGAAGGAAAAAGGCGGTTGAAAGGGGAAGAAGGAAAAG ACGAGGAAAAAAAAAAGGGAAGAGGGGGGGAAAGCCGAAACCGGCCAAGG CCGAGGAAGGAAAAAAAACCAGGGAAGGAAAAAGCCGGAAACCCGGAGCC GAGGGGGGGGCCAGGAGGGGGGGAAAAAAAAGGAAGACGAAGGGAGAAA CAGGGAAAAAAAAAAAAAAGGAAGGAACCGGAGAGGGCCCCAGGGAATAG G G A G A GAGGGGAAAGGGAAAGAGAAGAAGGAAGAAAGAGACCAAAAAGGG G G GCCAACCGGCAGGAAGGGAGGGGGGAAGGGGGGAGAGGAGAAGCAGG AGAGGAAAGAAAGGAAAGAACCAAATAAAACCCCAAAGGGGAGGCCGGAA AAAAGAGGAACCGGAAAGCCGGGGCAGACAAAAAAAGAAAGAGGGGCCGG GAAGCCCCCACCAGAAAAGAGGAACCGGGAAAGGGGAAAAGGAAGGAACC AGGGAGGAAAAAGAGAAGAGGACAGAAACCCCAGGAGAAGACAGAAAAAC AAAATTAAGACCGGAGGAAAAAGAGGAAGGCCGGGGAATAAAAAGGGGGG AAA G G G GAACGGTACCAAAAAGAAAAGAGGGGAGGGGGGGGAAAGAGGCC AGAGAACCAGGGGGCAGAGAAGAGAAATAGAGCAGAAGGGGGAGGAGGAA AGAAAAAAAAGGAAAGGGAGCCGGGGAAAGAAGGGAAAAGGAAGAGGGGA CCAAAGGGGAAGGGCAGGAAAAAACCGGAAGGAGAAGAAGATGGAGAGAG AAGAAAGGAAAGAAGGGGAGACAAGGGGGGCCCCAAGGAAGAGAAAAATT CCGAAAACAGGAGGAGGGAAAGCCAAAGGGAACCGGAACCCCCCAGAAGA GAACAGAAGAAAGGAAGGGGAGAGAAAGGGCAGGACAACCGGAAGGAAAG AAAAGAAGAAGAGAACGGACGGGAGGGAAAAGGGCCGGGGAAAACAGGAA AAGGAAAAGGCCAAAAGGAAAGAGGGAGGGAAGAGAAGGAAGAACCGGAA AAAAAAGGAGAGTAAAGGAGGGACGGAAGAGGCCAGAAAAAGGGGGAAGG G GA $\operatorname{GAAACGGGGGGGGGGAGGGAAGAAAAATTAAACGGAAAGAAGGGAG~}$ GACGGAAGGGGGGGAAAAAGGGAAAGGCCAACAGAGGAGAGGGGGGAGG GGAGCCAACCGACGGGGGCCGGAAAAAAAAGGAAAAGGACGGCAGGGAGG G GCCGAAGAACAAAGGGGCCAGGAAGACGGAAAAAAAAAAGGGGAAGGAA G G G GAGGAACGGCAGAAGAACAGGGGCAGGAGAAAAGGGGGGAAGGGGA AAAAAAAGGGGGGGGGGAAAAAAAGGGGAAAGGAAAGGAGGAGAAGAGA GAGAGGGGGGGAGGAAGAGAGGAGAGGGAGAGACAAAGAAGGAAACCCG AAGCCAGAGAAGGAAGGAAAAGAGGTTAGAAGGAAGGGGCCAGGGGGCCA GGAAAGGAAAAAGAAGGAAGGAAAAAAACCCAGAGGGAAAAAACCCCGAG GGAGGGAAGGGAGGAGGGGAAGAAACCAAAAAAAAAACCAAGAAAACAGC CGGCAAGGAGGAAAAAGGACCGGAGGGGGGGACGAAGGAAGAAGGGGGG AGAGGACCGGAAAAGGAGAGACAGAACCGGAGAAGGGGAAACGGGGGGG

G G G AA G G G G G G A GAAAAAAGAAGGGGGAACAAAAAGGAAATGGGAAAAAG AAGGGCCAAAAAAAAAAGGGGAAGGGGAAGAAGGGGGAGAGAAGGCAAGG AGACAAGGGACGGCCAAGGGGAAGGCCGAGAAAGGTAGGAAGACCAAAAC CAAGCAACCAAGGGGGATAAAACGGAGAAAAAAAAAAGAGGAGCAGGAAG GGAAACCGGGGAACCAAAGAACCAGGAGAGACCAAGGAAAAAGAAGGCCA ACCAAAGAAAGGAGAGAGAAAGGAAAAGAAGGAGAGACAGGAGGGAAGGG AAAGGGGCCAAGGAAAAAAAAAAAAAAAAAGGACCGGAAGAAGCCAGAAA C G A G G A G A A G G AA G GAGGAGGAAGGAAGGGAAAAGGAGAAAGAACAGAAA AGAGGAAAGACAAGAAAAAGGGAAAGGAAAAAAAGGGAGAAGGCAAAAAG GAAAAGGAACGAGGAGAGGAAAAAAAAAGGGAAAAGGAAGGGGGGGGGG AA G GAAA G G GCCGGGGGGAAAACCAACAGGCATAGGAAGGGGGGAGAGCA AAAAAGGGCAGAAAGGAACAAAAGAAGGAGGGAAAAGGGGGAAAGGAAAA AAAAACGAGACCAGACCAAAAAAAAAGGGGAGAGACGAAGCAGGGGAGGG AA $\operatorname{A}$ GGGGAGGAGGGGGAAGGGACCCCGGGGAAGAGGAGAAGGGGGGCCA AAAGGGGAAAGAGGGCACCGGGGGGAAAAAACGACAGGAGGGGAAAAAAA GAGAAGCAGGGCAGGAAGAAAGGGGAAGGGGGGAAAGGAAACCAAAACAG
 G GAAAACCAACCGGGGGAGGCCGGAAAAGGAAAAGGGGAAAAGAGGGGCC GACCTAAGGGGAGAAGGGGAAAGGGGGAACGAGGGGAGAGGGGGGGAGA AAGGGAAAAAAAGCCAAGAGGAGGGACGGGGGGGGGAGGAAAAGGCCCCC CGGAGGGAGGGAGAAGGAAGGGGGGCCAGAGAAGGAAAAGGAGGGGGGG
 ACCCCAAGGGGGGGGCCAACCGGGGGGAACCCCCCGAGGAGGACAGGACA AGAGGGGAAAAGGGGAGCCGAGGAGAGAACCGGAAAACCGAGGCCAAAAC A G G G GTTGGGGGAGGCCGGGGCCACGGAAAAAGCCAAGAAAAAACAGGGG GGGAAAAGAAAGGGGGGGGAAGAGAAAACAAAAGGAGAAGGGGGAGAGG CCGAAAGGAAAGGGAGAGGAACGGGAACGAAGAGGGGGGAGGACGAAGG GGGGGAAGGAGAACCGAGGGGGGAGAAAGGGAACCACAGGGAAGCAGGG G GAGGAAAAAAACCAGGAAAAAGAGACAACAGCCCCGGAGAAGGGGGGCC GGCCAAAAGGAGACAACCGAGAAGGGGACCGGGGACGAGAGGACAGGAAA CCAGAACCGGGGAAGAGGAGAAAGAGAAAGCAAGGAAAGGGGGGGGAAG GAAAAGGAAGGGGAAATAGGGGGGAAAAAAGGAGGAAAAGGGGAGAAAAA GAAAAAGACAAGGAACCAACCAGAGGGGAGAGACAGGGGAACAGGGGGGG GAAGAGGAGAAGGAAAAGGAGCAAGAACAGAGGGGAAGGGGAAAGGGATA GCCGGGACCGGAGGGGGGGGGGAGGGGGGGGAAGGGGAAGGAACCGGAA GAAGAGACAAGGAGGGGGAAAGAACCAAAAGGCCAAAGGGACGGAAAAAG CCGAGGAAGGCCAAAAACGAGGAAAAGGGGGGAGGGAAGAGGGGACATG GAAGGAAGACAGGAAAGGGCCAAGGAAAACCAAAAGGAACCGGGGAAAAA AGAAGGACAGAAAAGGAAAGGAGCAGGAGGACAAAAGAAAAGGACGGGGG AACAAGGAAGGAAAAGGAAAAGGGAACGCGCAGAACCACAGGGAGAAGGA GAAGGGGAAGAGAACAAGGAGAAAAAGCCGGAAACGGGAGGAAAGGGGGA AAAAGAGAGGGGAGGGAAGGGACAGAAAGAGAAGAAAGAGAGAGGGGGG GAGGGGGAGGCCAAGGAAGGGGAAGGGGGGGGACAAGGCCCCGGAAAAG GAAAAAAGGAAAAGGGGAAGGAAAACCGGAAAAAAGGCCAAAAAAGGCCG GGGGGGGGGAAAAAAAAAAAAAAGGAAGGAAGGGGAACCGGGGGGAAGG AAAAGGAAGGGGGGGGGGGGCCGGAAGGAAGAGAAAAGGGAAAGAAAAG GGGGAGAAAAAGGAAGGAGAAGGGCGAGAGAGGAAGGAGGAAAAAAAGG GGGGGGAAAAAAGGAAAAAGGGAGAGCCGGGGAAGGGAACGGGGAAACA G G G A A CAGAGAGGGGGGCAAGGGAGGGGAAAGAAAAAAAGGAGAAGGCC A G G G G A A A G GAA G GAGAAGAGGGGGGCCAAAAGGGGAAAAAAGAGGGAG G G G GAAACCAAAAGGAGAAAAAAAAGGGGGGGGGAAAAAGGCCAGCAGGA AGGAACCGGCCAGGGAGAGGGGGACAGAAGAGGAGAAGGGAGAAGGGGG AAAGAAAAAAAAGGGGGGGGGGAGCCAAAGGGGGGGAAAGGGAGAGAAA AA $\operatorname{G} G \mathrm{G}$ GAAAGAAACCGGGAGGGGGAGGAAGGAAACGAAGGGAGAGAGAA AGCCAGAGAAGAGGAAGGCCAGGAGGGAGGGAGGAGAGGAAAGAAAAGA G G GAAAGAGGAAATACCAAAAAAAAGAAGGGAGGAGGGGAAAGGAAACCA CAAAAAAAAGAAAGGCCAACCAAAAAAGGAAGGAGAGCCAAAGAACCGGG GGGAGAGAAAAGGGGAAAAACGCGAGAATAAAAAGAACCAAAAGGAAGGG G G G G G GAGGAGAGGGAAAGGGCCCCGGAAACGGAACACAGGAAAGAAAGA AGAAGAGCCGGAAGGCCGGCCGGCAAAGGAAAACAAAGGCCGAGGAGAAG GCCGGAAAAGGCCGAGAAGGGGAGGGAGGGGGAAAGGGGACGGGAGGGG

A GAGAAGGGAAGGCAAGGAGACGGGGGGAGAGAAAGAAGGCCGGGAGGG GCCGGGGGGGGACCCCCCCGAAGCCCCCCAAAAAAGGAAAAAAAAAAGGG GAGAAGGGGAGCCAAACAGACAAGAGGGAGGACGGAAGGAAAGCCAAGGG GCCAAGGGAAGGGCCGGCCAACAAAAACAGAGGAAAGAAGAGGAGAAAAA AAAACAGAGCCGGAAAAAAAAGGGGAGGGAGGGGGGGGGGGAAGGGGGA CAAAGAGGCCGAGGAGGGAAAAAGGAAAAAGGGGAAGACAAGGGGGGAAG AA $\operatorname{G} G \mathrm{G}$ GA $\operatorname{GAAACGAAACCGATAAAGGAGAAGAGGGAGAGGGGGGGGGGA}$ AAAAAGACAGGAGAGGGGATTACAGCAAGAAAAAACCCCAAAGGGAGGGA ACACCACGGGAAAACGACCCAAAAGAAGAGGTTCCGGAGAAGGCAAAAAC CAAAAACAGAGGGCCGGAAAAAACAGGGGGGGGAGAGGGAAGGACAGACA GGAGGGGCCGAGGAAGGCCAAGGAAAAGGAAGGGGGAGCGGCAAGGGGA AGGCACGAGGGGAACAGAAGGAGAAAGAGGAAAGGGAGGAGGGAAAGGG AA $\operatorname{A}$ GAGACCGAAAGGGGGAGGGGGGGAGGAGAGATGGCCAAGGGGAAGG GAGGGGAGCCCAAGCAGGAAGAAAGGGGGACAGGCCAGGAAAAAGGGGG GGGAAAGGAAAGGAAGAGGAAAAAGGGGGAAAATTGGGGAACCGAAAGGG GAAAAAAAGTAACTAGAGAGGAAGGAGCAAAACGGAGACGGAGGGAACAG AAAGGAGAAGACCAAGGCACCAAGGCCAAAATTGAGGGGAATTAACCGGC CAAAAAGGGAAGGAGGGGAGAAAAAGGGGGGGGAAAAAAGAAGAGAAAAC AA $\operatorname{l}$ GAGGAGGGGAGAGGCCGGCGACGGGGGACAAAGGCAGCAGAAGGGG GAGGAACCGGAAGGAGGAGAAGGGAGAAAGACGGAAAGAGAGGAAGGAAA GAAAGGGGAACCGGAAAAAGGCGGGAACAGGGAAGAAGGGGGGAAAGGG GAAGGGAGGAAAGGGAAGGGGAAGGAACCAAGGAAAAAAAAAAAAAAAAA
 AGAGAGACAGCCGGAACAGGGAGGACCACACCGGGGGGGGGGGGCCAAAA AA $\operatorname{l}$ GGGGGAGAGGGAGGAGGGGGGCGAAACACAAAAGGGGGGGGGGGAA AAACCGAAAAACCGGAAGAAGGGCCGGGGAAAGAAGAGGAAGAAAGAAGG GGAGCGGAAGGGGGGGGAAGGAAAAACAAAAGGACAGGGGAGGAAAACC GGAAAAGGAAAAAGGGGAGGAAGGAAGGGGGGGGGGAAAAGGAAGAGGA AAAAAGGGGAAAAGGAGAAAAGGGGAAACGGGACCAACAGGGACCCCGAA AAAAAGGAGAAAAAAGGAAAGAAAAAGGAGAGGGGGAAGGAGGAAAAAGA AAAACAAAAGGCCGAAAGGGGAAAGAAGAAAGGAGGAGAAGCCAAGACCA ACCGGCAACAAGGAAGGGGGGGGAAAACCAGAGGGGGAGGGCCGGGACC G G G G AAAAAAAGGAAGGAAGGGAAAAAACCAAAGGGGGGAAAGAGAGGGG G G G GA G C CA G G G ACA GAA G G G GAAGGAGCAAGAGGGGGACAGAAAAGGG G G A G GAGGAACAGGGAAAACCGGAAGGAAGGAAGAAGAAAAGACAGAGAC CGAGAAGCCGGGGCAGACAAAAGAGGGAGGGAAAAAAGAAGAAGGACAGA GAAGGGGAAGGGGAAAAGGGAGAAACCAGCCGGCCAAAAGGCCGGACAGG AAAAAGGGGGGGAAGGAAGGGGGAGAAGGGAAAGGAGAGGACAGAGGGA A GCCAA G G TA $\operatorname{l}$ GGGGGGAGAAGGAAAGGGGAAGGGGAGAAGAAGGGGGGC AAAAGGGCACCGGAGAGGAAGAAGGGGGGGAAGAGGAGGAGGGAAAGAA AA $\operatorname{la} A \operatorname{AGGGAGAGAGAACCAAAGAGAGAGGGGGGGACAAAAAAAAGGACAG}$ GGAAAAAGAGGAAAAAGAGAAAGAAGGGAGGGAAAAACAGGAGGAACACC GGGGGGAAGGCCGACAGGAAAAAAAAGGGAAAGGGGAAGGAAGGCCGGA
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 AA $\operatorname{l}$ GAGGAGGGGAGACGGGAGGAAGGGAGGAGGGAAAAGGAAAACCAAG GAGGGAAGGACAGAGGGGGAGCCAGCCGGGGGAAGGAAGAAAAGGGGGA CCGGAAAAGAAGAAGGAAAAGCAGGGAAAAGGGGGAGGAAGAAGGGGGG ACCGGGGGGAAGGAAAAGGGGAGGAGAAGAACCAGAGAAGACAGGAAAGG GAGAGAGAAAAGGAGGGGGGGAATAAGGGAGCAGGAAGGCCGAGAAGAG G GCAAACCGGGGAAGGGGAGGGGGCAAGGAAAAAAAAAGGGGAAAAACAA GGAGAGCAGACCGGAGAGGGACAAGGGCAAGGGGAAGGAACCAAGGAGA GGAAGGGACCAGGAGGGAGGGGGAAAAGGGGAAAGAGGGGGGGAAAAAA AAAAAAGGAGAGAGAGAAGGGGGGAACCGGAAGAGACCAAAAGGAAGGGG GAGGAAAAGGGGGGGGGGGGGGGGAAGAAGGGGGCCAAAAGGGGAGAAA

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ACAACGGAGAAAAAGGGAAGGAGAAAAGGGGACAGAGGAGGGGGGACGG A GAA G GAAGGGGAGAAGGAGAAAGAGAGAGGAAAATAGAAGAGAAAGATA G G G G G G G G A A A G G A G GCCGGGGGGAGAGGGGAGGGGGACAGAAGAGCAG GATACAAAGAGCCGAGGCCGGAGAAGGGGAAAAGGAAAAAAAAAAGGAAG GAAGGAAGGCCAAGGGACAGGGGGGAAAAAAAAAAAGAAAGAGAGGGAAA
 CGGGCCGGACAGCACAGAAGGGGGGAGAGAAAGGGGGGAAGGGGGAAAA AGGAGAAGGGGGGGGAACGGGAAGGCCAAATCAAAAGGGGAACGCAGAAA ACAGAGAGGGGGGGGGGGGGAACGAGGAACCAAGGAAGAAGGGAAAGAC AAA $A$ AAACGGCAAGGAGGAGAGGGGGAGAAGAGGAAGGGGGAGGAAGGA AGACCCCAGGGGAGGGAAGAAAAGGAACCAAATAGGGAGGGCCGAGAGGC CAAAGCCAAAAAAGAAGGGCAGAAAAAGGAGGGGGAAGGGGGGGGAAGGA AGGGGGGCAGAGACCGGAACAAGGGGGAAGAAAGAAAGGAAGGAAAGGG AACCAAGAGGAGAGAACAGGAGGGAACAAGAGAGGGGGAAGGCCAAGGGG GGAAGGAGGGAGGGGGAAGGGGGGAGAGAAAGCCAAAAGGGGGGCCGAA GGGGAGAGAAAAAAACCGGCCAAAAAAGGAGAGAAAGGAGGAAGGAAGGG G G G AAACCAAGAAAAAGGGGGGGGGAGGGAAGGGGAAAAGGAAAACCAG G G G A G G A GAGCAGAGAGGGGGAAGAAGGCCAAGAAAAAAAGGCCAGAAAA AGGGAACCAAGGGCCAGGAAGCACAAAGCCGGGGGGGCAAGGGAAGACGG CGCAAAGAGGGAGAGGGGGGGGCCAAGGAAAGACGGGAGGGGACAGAGA GCCAGAAGGGAGGAGGAGGGAGGAAGGGAAGAAGGGGAACAGAAGGAGG G G G GA $\operatorname{la}$ A $\operatorname{A}$ GAGAGAGGGGGAAGGAAAGAAGAGACCAAGAGGGGAGAGG G G GAAGGAAAAGGAAAAGACCGGAGAAAGCCAAAGAAGAAACACAGAGGA GAAGGAACAACAGGGAAGGAAAAGAGGCAAAAGGAAAGGGGGGGGCCGAG AGAAGAGGAAAGGAACCGAAGGAAGAGGGGAGAAAAGGGCCAAAAAGAGA GGGGAGGCAGGAGGACCGAGAGGGAGGAAAAGGGGGGGGAAGGGGAAAA AA G G G G G GAAGGGGAAGGGGAAAAGGAAAACCAAGGCCAACCAAGGAAGG CCAAGGAAGGGGGGGGGGAAGGGGGGAAGGAAGGCCGGGGAAGGAAAAC CGGAAGGGGAGGGCCAAGGGGAAGGGGGGAGAAAAAAGGGGACGAGGCA AAGGGGAAGGAACCGGAAGGCGGGAAAGCAGAGGGGAAAAGAGAAAAGG GGGAAGGAAAGGACCGGGGAAGGGGGAAAGGCCAAAACCCCAAGAGAGGG GAGGGTAAGAGGAAAAGAAGAAGAGAAAACACACAACCCGGAAGGAAAGA GGGCCCAAAAAAAGGGGAAGAAACCACCAGGAGAGACGGAAAAGGGGAGA ACAAA $\operatorname{A} A \mathrm{~A}$ GGGAGGGAAGGAAGGCCCCGGCAAGAACCGGGGGGAGGGAG GAGGAGGGGGAGAAGGAAGAGAGGGGGAAGCCAAGGAGAAGAGGAGGAA AGGAGGGGGAAGGGGAAGGGGAGGGAAAAGAAGAGAAGGGAGAAGGAAG AACAAAGGGGGGGGACACGGGAGAAACCAACAAGAGGAAGAAGAAAGGAA AAAAGGGGAAAAGGAAGGGGTTTTAGCGGGGGCCGAGGAAAGCCAAGAAA ACGGCCGGAAAGAACCAAGGAAGGGGCAGAAAAACAAGAAACGGGAAAAG AACCGGCCAAAAGGGAGAAGACGGAAGGAAAGGAACGGCCAAAGAAAAAG A G G GAAAAGGTTGGAACCAAGGGAGAGAGGCAACGAGGAAAGGAAACCAA G GAAAGGAGGGGAGGAGGAACCGGCCAAAAAAAAGGGGGGGGGGAAAAA AAAAAGACAAAGGCCTAAAAGGAGAAAACGGAAGGAGGGCCGGGGAGAAA AATGGAGACAAGGGGAAAACACCGGAAAGAAAGCAAAAAAAAAGGAAAAC AAAAAGGGGGGAGACAGGGATTAGAGAAGAGCCGGCAAGAGGGCATTAAC CGGAAGGGGGGAGCAGAGAGGTAGGAACCGAAGACGAGGACGAAGAAAAG GGCGAAAGGGGGGAAAAGGGGGGAAGGAAAAGGAAAAAAAAGGAAGGGG AAAAGGCCGGGGAAAAGGCCAAAAAAGGAAAACCGGGGGGAAAAAACCAA GGAAGGGGAGAACCAGAAGAGACCCCGGGAAAGGAAAAAAAAAAAAAAGA AAAAGAAAGAGGGGGGGGAAAAGGGGTACCGGAAGGAATAAACGGAGACC AAGGGGAAAGGAAGAAAAAAGGAAGGGAAGAGAAGGAACCGGAAAACCGA GGGGGCAAAAGGGGAAAAGGCAAGAGGAAGAAGGGGGAAGGGGCAAGGA AAAAAAAGGAAGGAACCGGGGGGGGAAAAAAGGGAGGAAAAGGGAAGGGA AGGAGGAAAGGGGAAAAGGGGGGAACCAACCAGAGACGGCAGCGACCGGA GAAGAGGCGGGACGAGGGGAAAAAGGGGGCCCCAACAAGAAAACCGGAAA AGAAGGGGGGGCCAAGGGAAGGAGGAAGAAGAAAAGGGGCCCCGAAAGG GGAGAGGACCAACAGAAAGAGAAAGGGAAAAAGAGAAGCCAGAGGGAGAA GGGACAAAGAAGAGGGGACCAGACGAGGGAGGGGGGAGGAGCACGCAGG A GCAGGGAGAGGAAGAGACCACAGGCCAAGGAAGAAAAGAGGAAGGGAAG GAAAAGGCATACACCAAAACCTAGGAGAAAAAACAGGAAAAGGGGGGAAA GAAACCAGGGGGGCCAAAACCAAGGCCGGGGGGAAAAGGAACCAAGGACG

A G GAAGGGGAGGACCAGAAGGGAAGGAGGGGAGAGAGCCGGAGGGACGA GAAAAAGGGGAAGAAAGGGAAAATAAGGGGGAAGAAGGTTAAAAAAGGCC CCAAGGAAGAGACCAACCTAAAAGAGGGCAAGAAAAAGGAACGGGGGGCA TTGGAAGGGGAAGGAAAAAGAAAGTAAAAAAGGGTTAACCAAACAAAAAA AA $\operatorname{l}$ GAGAAGGGGGACAAGAGGGCAAGGGCAAAGGAGGGGAGGAGCCGGG AGGGGAAGGAAGAGGCCGGAAAAAAAACAAGAGGGCCAGAACCGGGAGAG ACCGAAGGGAAGAAGAAAAGAGACAAATAAAAAGAGGAAAAAAAACCAAA GAGAAAGAACAAAGACAAACAACCAGGCCGGGAAGGATTAAAAGGGAAAG AGGAAGAGAAGAAGAGGCCCCGGGGAGGGGGCCGGAAGGGGAGACAGAA GGAAAAAACCGGGGAGCCCCAAAGGAACAGAGGGAAACGGAGGCGAGGGG GGAAAAAAGGAGAGAGAGAAAGAGAAGACAAACCGACCGGGGCAGGAGGA TTGAAACCAAGGAACCGGGGGGCCCCGGGGAGGGAAAAAAAGAACAAGGA GGGAAGAAAGGGGGAGCCGGAAAAGGAAGGGGAAGGGAGAGGGGAAAGG GCCAGGGGGAAAAAGAGGAAGAAAAGGCCAAGGAAAGAAGGGGGAAAAAA GGAAGAGAACCGAGGAGAAAGGAGGAAAGAGAAAACAGAGAAGGGAACAC CGGAGGGACGGAGGGAAAAGACAAAGGAAGGCGGAGGAAAGGGCACCAAA C G G G G A A A GAAAGGAAGACGAGGAAGGAACCAAGGAAAAGGGGAAGGAAA A G GCCGGGGGGAAAAAAGGCCCCCCGGGGCCGGGGGGAAGGGGGGGGGG CCGGGGAACCAAAAAAAAGGAACCGGAAGGAAGGCCCCAAAAAACCGGTT ACAGGGAAAAGGACGAAAGGGGACAAGGCCGGAAGGGGCCCAGGCACCAG AAGGAAGGGGAAGAATCCGAGGGGAAAAAAAAGATAGGGGAAGAAAGCAA AGAGGACAGAACGGGGAGAAGAGGGGAAACGACCAGAGAAGGGGAGAAGA GAACACGGAGAAGGAAGGGAAGAGAGGGGGGGAAAGGGGGAACCCAAGG AA $\operatorname{A} A \operatorname{GA} \ln A \operatorname{GCCGGGGGGAAGGACGACAGGAAAACCGAGACCAGGGGGGA}$ GACCAAGAGAACACGGAACCAAGGAAAGGGCGAAAAAAGGAAAAGGGGGG GCGGAAAAGGAAGAAGACAGGCAGAAGGGGGGAAAGAAAAGAGGAAGGG GGGGGAAAAGGCCAAAAGGCAAAGGCCGGGAGAAGGAAAGAAAGAGAAAG AAAAAGGGGGGAAAAGGGGAGGAGGCCAAAAAACGCAGGCCAAAAGGGAA GGGAGACACAGGGAAGGGGAACCGGAAGGCCGAGGGAACAGAAGAGGGG AAAAGGAAGGGGCAGAAGAAGGCCAAGGAACCAGAAGGCCACGGAACCGG GGAAAAGGCCGGCCGAGGGAAGGGCCGGGGAAGGGAAGCCAAGGAGAAG AAAAAGGAAGGGGAAGACCGGAAAAAAGGAAAAGGAAAGCAGAAAAAAGG GCCAAGGGGACGAGGCACAGGAAAACCACATACCCCCAAAAAAAAGGAAG GGGAAGGGGAAAAGGGGCAAGAAAAGGGGGAGCGAAGAGAGAAGGACAA GGAAAGCAAAGGCAGGAGCCAAAAAAAAGGAAAAAAGGGAAATTGAGGAG G GAAGGGAGGAGAAAGGAAAAGAAAAAAGGAGACAAAAGGCACCAGGGAA AAGGAAAAAGGGAGAAGAGAGAAAAGGAAAGGAGAGACGGGGGGAAGGG GAAGGGGAAAAAAAGAACCAACCAAAAAAAAAAGGGAAGAACAGAAGGAG GCCAGAGAGACCAAGGGGGAAGGGGAAAGCCGGGAAGGGGGGACAGAAG GGAAGAAACCAAAAGGCCAGAGAGAGGGGGAAGGAGCAAGTTGGAAAAGG AA GAAGGAGAAGAGAACCGGAAGGGAAAGAGGAAAGCCAGAGGAAGGGAC AGAGAAAAGGCCAAGGAGAGGAAGTAAAGAAGAAAAGACAAACCAGGGAA AAAAGGGAAAAGGAAGGGAAGGAAGAAGAACCAAGGGGAGCAGGGACAAG GAGGCAAAGGAAGGGGAGAGAAGGAGCCGAACAAGGAAAAAAAAGAGGGG GACACAAAGGAGGAGGAGAGCGAGGGGGGGGGGGGGGGAAGACAAAGGA ACCAAGGGGGAGCAGAGAGGCGGAAAAAAAGGAGGAAGGACGAGGGAGG AAGAAACCCCGGGGGGGGAAGGACACGAGACACCCAAGTTGGGAGAGAGG GAAAAGGGAGAAGGGAGCAAGGGGAGGGAGGGGGGAGGTTAACGCGGGG GAAAAGGGGACAGGGAAAAGGGGAAGGAGCCAAGAGAAGCGAGGGGAAG G G G GAGGGAAAAAAAAAAGGAAGGGGAGGGAAAGAGCGAGAGGAGGAGA AACAAGGAAGGGAGGGAAAGGAAGGGGGGGGGGGGACAGAACCAGAAAA AA G G GAAAAGGAGGAAAAAAGGAACCCCAACATTCCGACCGGGGGAAAAA CAGGGGAGAAGGGGGGGAAAGGGGGGGGCCAAAAAAGGAAAAACGAAAA GGGCAAACAAAAAAGAAAAGAAAGGAGGGGGAAGAAAACGGACGATTAAA AAAAACCAAAAAGGGAGGAGGAAAAAAAACCAAACGAAGCCGAAAGGCCG GAAAAACAAGAAGGGAGAACAAACAAAAAAAAAAAGGAAAAAAAAGGAAG GAAAAGGCCAAGGGGCCAAGGGGAAGGGGCCAAGGGGAAGGAAAAAAGG GGGGCCGGAAAAAAGGGGGGGGAAGGAAAAGGCCAAGAGGGGAAACAAG GGGAAGGGGCCGGGGAAGGGATAACGGAGGGAAAAAGAGAAAAGGAGAA GAAGACAAGGAAAAGACCGGCAGAAGAGAAGAGGGGGGAATTCCGAAGGA AGGAATGAGAGGAACCAAAAAAGAAGGAGAAGGGGGCAGGGGAAGGAAAA

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GGGGGAAGACGAGGAAAAAAAAAAGGGGCCAGAAGGAGGACAAAAACCGG GGAGAAGGAACCAAGAAAAGGGAAAGAGAACACCAAGGAAGGGAAGGGAA GGGGGGAAGGAGAAAAAAGGGGAGAAAAGGGAAGAAGGAAGGAAGGAAA AGGAAGGTTAAAAGGCCAAGGGGAAAAAAAAGGGGAAGGGGAAAACCGGA ACCGGAAGGAAGGAAGGGGGGAAGGAACCGGGGGGAAGGAAAAGGGGAA AACCTTAAGGAAAAAAAAGGGGAAGGAAAACCAAGGGGGGAAGGAACCAA CCAAAAGGAAAAGGGGAAGGGGAAGGGGAAGGAAAAAAGGGGAAAAAGGA GACAAAGGAAAGGGAGGAAGGAACGGCCAAACCAGACCAAGACGAAAAGG GGCCGGAGACAAAGAAAGGGGGGGAGAATTGGGGAAGGAAGGGGGGAGG GACCCGGGAAGAAACAGGGGACCGGAGAAAGCCGAAGAACCGGGAGAAGA AACAAAAGAACAGAGATAACCGAAAAGAAGGGAAGAGAAAAGGAAAGAAG GGGCCAAAAAATTAAGGAAGGGAGAAGAAAAAGAAGGAACCAAAAAAAAG GAAGGAGAAAAGGGGCCAAAAACGAGAACGAAGCGAGAAAGGGAAGGAGA AAGGGAAGAAGGAGGGGGACCAGGGGAAGGATACAGGCAAAAGAGGGAG GGAAGGGAGAAGAGAGGAGGGGACGAACGGAGAAAGAGAAAAGAAGGGA GGGGGGGAAAGACGGGAGGGGAAAAAGAAGGAAAAACAGAGGGAGGGAG AGCCGGCCGGGGGGAAGACAAAGGGAGGGGGACCGGAAGGAAGAGGCAA AA GAACCAGAGAGGAAAAGCCGGAAAAGGGGAAGGAGAAAAAAAAGGAAA ACAGAAGAACCAGGGCCGGGGAGGCGAGGGGACGAGGAGAAGGAGGGAA AA $\lg$ GGAGAAAAAACCGGCCAAAAGGAAGGGGGGAAAAGGGGAAGGGGAA AA GGCCGGAAAAGGAGAGAAGGGAGGAGGGGGGGAAAAAAAAGGAAAGA GACGGAGAACCAAGAGAAGGAAGCAAGAAAACCAGCCAAAGAAGGCCAAA CAAGGGGGAACGGGCACGGAAAAAAAGAGCAAAAAAGAAAAGGGACAAAG GAAACACGGAGGAAAAAAGAAGGGGAAAAAGACAAGGGGAAAAAAGGGGA AAAAAGGGGAAAAAAGGGGTTAGAAAAGAAAGGGGAGAGAGGGGAGGAAG GAAGGAGGGGGAAAAAAAAGAAAAAGGGGGGAAGGAAAAACAACCGGACA GCCAAAAGAAGCCACAGCAAAAAAGAGAAAAAGGGGAAAAAGGCCGAGGA ACCCCGGAGGGAGAAGGGGCCAGGGCCGGACGGAGAGGGGGGGGAAGAG GGAAAGAAAACCGGAGAGGAGAGGGAACGGAAAGAGAGAAGGGGGGAAAA AAAAGGAGAAAAATAGAAGAAGAAAAGAGAAAAGAGAAAAAAAAAGGGGA CAAGAAAGGAAAGGAGAGAGAGAAGGAAGGAAGGGAGGCAGGGAAAGGG AAAAAGGAAAAAACAAAAGGAAAACGAACAGGAGAGGGGGGGGGGAAGGC AAACCGACCGACCGGACGGGAGGGACCAAAAGGAAAGGAGGAACCAAACC CGGAGAAAACCGGGGGAAGAAAGGGGAGGGGAGAAGAAAGGCAAGAAAG GCCAAATTAGAACGGGAACCAAAAGGGGAAAGGGAACCGGGAACAGACAA GGAGAGGGAGGGAGCCAACCACGGGGGGGAGGAAAGCCAAGGAGGAGGG GAGAAGGAGGGCAAGGGGGAAAGAGGGAACCGAGGAGGAGGGGGGAGCC GGGGCCGGAGAAAAGGAAGGGGGGAAGAGGAGAAAACCAGGAGAGAAAA GAAGAGAAAAGAGGAAAAGGGCCGGGGGGGAAGAAGGAAAGAGGGGGGA GAAAAAAAGAGGGGGGACCCAGAGAGAGGAGACCAGGAAGAGGGGGGGA AACGAACGGGGTTAGAGGGCCAAAAAAACCAGAAGGGGGGAGAGGAAAAG GAGAAAGGGGGAAAGGAGGAGAAGGGGGGAAGGAAAAAAAAAAGGGGAA AA G GAAAAGGAAGACCAGAAGGCCGGGGAAGGAAAAGGGGGGGGAGGGA AAAGAAGCACCAGGGAAGGAACCGGGGAGCCCACCAGAAAAAGCAAGCCG AAGGGAGGGAAGGGGGGGGAAAGAAGGACGGGGAAGAGGGCAGAAAGAG GAGGAAGAGAAGAAACAGACGGAAAAAAAAGGAGAACCAGAAGGAGTTGG CCGGAGAGGGGAAAGGAACCAAAAGAAGAGGGAGAAAAGGGGAAGGCCGG AAACAAAACAGGGGAAGGCCGAGGGGAAAAGGAGGAGGGGAAAAGGAAAG AA GGCCCAGGGAAGGAAGAAGGGAGAAGAGAGCAGGGGCCGAAAAAGAAA GGGAGAGGCCAAAAGGAAAAAAGAGGGAGAGGGACAGGAGGGAACAAAGG CCGGGGGAAGACGGAGAAAAAAAAGGCCAAAACACAGGAACACAAGGGAA GAAAAAAGAAGGTTGGAGACCCAGGGAAGGGACAAAGAAGGGGAAGGAGG GGAAAAGAAAAAAGCCGGAAGGGGAAGGGGCAAGAAGAAAAGACAAGGAG AGAGGAGGAAAGCGAAACCCCCCCGGGACAAAAAGGAAAAAACGAGGGTT A GCCAAACGGCCAAAAAGGGGGAAAGGGGGAGGAAGAAAAGGGGGGGGA AGGGGGGAAAAAAAGGGGGGGAAGAGAAAGGGGGGGGGGTTAACCAACA AAAACCGGGGAAGGGGAGAAGGAGAGCCAGACAAAGACAGGGGGAGAGAG AGAAAAAAAGCAAACAAAAGGAAAAGGGGAGGGAGAAGAACCGGAAGGAC GGAAAAGGAAAAAGAGAACAGGCCAAGGGGAAAAGACAAAGGCCGGGGAA AAAAGGCCGGAAACAAGAACAGTTGGAAGGGGGACCCCGGGGCCCCAACC AGGGGGCGAGAAGGAGAAAGGGAACCAAGGGAGATTCCGGAAGGAAAAAA

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 GGAAAAAACCGGAAGGGGAAGGAAGGGGGGAACCGGAAAAGGGGGGAAA ACCGGGGAATTGGAAGGGGAAGGGGGGAAGAAGAAGGAAGGGGCCGGAA AA $\operatorname{A}$ GAAGGGGAAGGAAGGGGGGGGGGGAGGAAGGGGAAAGGAAAGGAAA GAAGGGCAAAGGAAAAGGGAACCAGGGAAACAGGGAAAGACGGAAACAAG GGGAAGAGACCGAGGAAGAAGAAGGGGAAAGCCAGACGGACAAAGGGAGA GACGGAGGAAAGACAGAGGGGGGGGGGGGAAGGGGAGGGGGGGCAGGGG G G A G G G G GAAAACCGAGGAAGGGGAAAAGGAAAGGACCGGAGGGGGGGA AGGCCGGGGCCGGAACCAAAAAGCCGAGGGGAGGGAGAAGGAACCGGAAC CAGAGTAAAAGACGGGGGAGGAAGGACAAAAGGCCGGGGAACCCAGAAGA AGAAGAAAGAAAAGGAGGGGGGAAACAGAGAGGGAAGGAAGCACAGAAAG GACGAAGAGAAAGGGACGAACAAGGAACAGAAAAAGAGAAAAGAACCGGG GAGAAGAGGAGGAAGAGCCGGGGAAGGGGGACCCAGGGACCGGAAGGAA TTGGGCGGGGGGAAGAAAGGAAGGGGAAGGACAAAAAAAAAGGGGGAAAA G GAGAACCGGAGCCAAAGGGAGAAAATTAACCGAGGAGGGAGAAGGAAGG GGCAAGACGAAGAGGAAGGAAAAAAAAAAACCGAAAAAAAAGAACAGGGG GGGGAAA GAA GACCAAGGAGGGACGGGGAAGGGAACAGAGGGGGACAAA ACCAGGAGGGGAAAAGACGGGGGAAAGAGAACGCCAACCAAAGAACGGGA GAGCCAACAGAAAAGAAGAGGAAGGAAGGCCTTCAGAAAGAAAAGGGGGA GGAAAAAGAAGAAAGAGAACCAGGGGAAGGGGGAAGGGACAACAAGGGGG GAGAGGGAAAAAAAAAGGAAGAGAAAGAGAAAAAAGGCCCCAAAGGAACG AGAGAAGAGGGAAAAGACCAAGGGGAAAAAAGGGGGGGGGGACGAACGG AAAGACAGGAAAGGAGAACCAGGGGGAAACGGAGGAGGGGAAGGCCAAAG AA A GGGCCAAGAGGGACCAGGGGGCCGAGGGGCAAGAGGGGGAACAGGA A G G A G G G A G A A G G G A GAACGAAGAGGGAAGGGGGAAAGAAAGGGGAACC GAGGAGGGAAAGAGGAGAGAAGGAAGAAAAAAGAAAAAAAAGACAACAAG
 A G A A G A G A G GAGGGAGGGGAACCAAGGAGGAGGGGGGGGCCGGAAAAGG
 GAGAAAAAGAAAAAGGGACGGGGGAGGGAAGAGAAAAAAGGAGGGGGAG G GAAAAAAAAAAACAGGGGGACGAGGGGGGGGAAAAAAAACAAAGGCAGG CAGGAAAAAAAAAGAAGAGGGGGGGAAAAGAGCCGGGGAAAAAGAGGGGG AA $\operatorname{G}$ GAAAA $\operatorname{A}$ GGGGGGGGAGAAGAAGAAAAGAAGAAAGGAACAAGGGCCGG AAGGAAAAAAAGAAGGGAAGAAGGAAAGGAGGAAGGGGAAGGGAAAAAGA GGAAGGAACAGGAAAGAGGAGGAAAAGGCCGGAAGGAAAAAAAGACAAAA AAGGCCAAGAAGGAAAGAACAAAAGGCCGGGGAAAAAACCAAGGAAAAGG AA G GAAAAAAGGAAGGAAAAAAGGGGAAGGGGGGGGGGGGGGAAAAGGA ACCGGCCAAAAAAGGGGGGAAAAGGAAGGGGAACCAAGGGGGGGGGGGG CCAAGGAAAAAAAAAACCAAGGGGAAAAAAAACCGGGGAAGGCCAAAAAA
 AAAGGAAAAGGGGTTGGGGAAGGAAAAAAAAAAAAGGAAAAAAAACCAAG GAAGGAACCGGAACCAAAAGAAGGAGGGGGGGGAAAAAAAAGGGGCCAAC
 CCGACACCAGAACCGGAGGGAAGGAAGAGAGGAAGGAACCGGAGGGACAA G GAA G GAACCGGGGAAAAAACCAAGGGGGGGGAACCAAAAAACCAAGAGG CAGAAAGGGAAAGGCCGGAAGGGGGGGGAGGAGGAGGGAAAAAAGGAGG AGGAGGGAGGAGGAAGAGGGGGGAAGGCCAGGACACCAGGAAAAAAGAAA A G GAAAAAGAAAAAGGAGAGGAGGGAGGGGGAAGGGGGAAAGGCCGGGA A G G A G A GAAGGGGGGGCCGGAAAGACAAAGCCGGGGGAGGACGAGGCCA CGGGGGAAGGGAGAGGGGAAGGAACAGCCGAAAAGGGGAAGAGGGAAGG AACCACCAGACAGGAGGGGGGGGGAGGGGGGAGGAAAACCAAAAAACCAA GGCCCCGGAAGGGGGGGGCCAAGGCCGGGGAAAAAAAAGGGGGGCCAAA

AAAAAGGGGGGGGAAAAAAAACAAGAGGGAAAAAAAAAAGAGAGGGGAAA C G GAA G G G GAAAACCGGAACAGGCCAAGGGGGAGAAGAAACAAAAAACCG G G AAAAAAAAGAAGGGGAGAGAAAAAGAGAGAGGAGGGGAAGGGGGAGG AA G GCAGAGGGGGGAACCGGGGAAGGGGAAGGGGGGAGAAGGGGGGGGG GAACCAAGGAAAATAGGAATAAGGGAAAGAAAAAAGAGGGGGGAGGGGGA GGGAAGGAAAAAAAAAAGGGAGGGGAAAAGGCACAGAAAGACCACAAAAA GGACCGGAAAAAGCCGGAGAAGAAAAAAGGGCCAAAAAAGAAACAGGCCA A GAAAAGAAAAGAAGAAACAAGCAAACGGGGAAGAGGGGAAGAGAAAAGA A G GAGAGAGGGCAAAGACCGACACAACGAGGGGAGAGGAGGCAGCGGGG G GA GAA GAGGAAGAGGAAGGAAGAGAAAGGAAAAAAAAGGGGCCGGGGCC GGGAAGGGGGGGAAAACCGGAGAGAGGGAAGAGAAAAAGGCAGAAAGGG GGAAACAAAAAAAACACGAAAAAGGGACAGGAAAGAAGACAAAGGAAGGG AAGAACAGGGAGAAAAAAAGGACAGAGGGTTGGCAAAGGGGAAAAAGAAG GGGGAGGGGGGAACAAGCCGGGGAAGGAAAAAAGGGGGGAGAAAAAAGG GAACCAAGGGAACCCCAAGGCAACAGGACAAAGGGGAAAAAAGGGGGGGG GGGGAAGGAGAGGGAAGGAAAAGGAGAAGGAGAAAAGGGGAATTAAAGAA AAAAAAAAGCAAAGAAAAGAAGGAACAGAAAAGAGGGACAGAAGGGGGGG AAAAAAGAAAGGCCAAAACCGAGGACCAAAAAGGAAAGGGAGGAAAGAAA G G G G G G G A ACGAGAAGACAAAAGAAGAAAAGGGGGAGAGGGGAGGAGGA AGGGAGGCAGAGAATAGAAGGAAAAGGAAAAGGAAAAAAGGGGAACCAAA AAACCGGGGAAGGGGAGAAAAAGCAGGCCGGAGGGAAGGGAAGAGGGGG G G G G G G G GCCGAAGGGAGGAAGAGAGCCGGAGAGAGCAGAAAGGAGGGA AAAAAAGCCAGGAGAAAAGCCGGAGGGAGGAAAAAGGAGGGAGAGGGGG GAACAACCGGGACAAGACGGAGCATAAGGGCAAGGGGGAAGGGAACGAGG A GCGGGGGAAGGAAGGCCGAAGGGGGGAGAAGAAAAGGAAGATAGAGGA AACCGAAAAAAAAGGACCCGGGGAAAGGGACAAGGAAGGAAGGGGGGAAA AA GCCGGAACCGGGGGGAAAAAAAGGGAGAGGGACGGGGAAAACCCCAGG GGGAAAAAGCAGGCCAAAAAAAAGGGGAACAAGCAAACCGGCAGGGGGAA AGGGGGGAGACAGCCGGAGGGAGAGAAAGGGAGAAGAAAGGGGAAGGAC GGCCAAAAGGAAAAGGAAACCAAGCCAAGAGGGAGGGGGGAGGGGACCAG AACCAGGGGGAACCCCAACCAGCACCAAGGAAGGAACAGGGGGGACAAGG G GCCGGGGAAGGAAGGCCCCCCGGAAGGGGGGAAAAAAAAAAAAAAGGGG GGAAAAAAAACCAACCAAGGAAGGGGAAGGGGAAAAGGAAAAAAAAAAGG GGAAAAGGAAGGAAGGGGGGAAGGAAAAAAAAGGAAGGGGAAGGGGAAA AGGAAAAGGAAAAAAGGAAGGAAGGAAAAAAGGAAAAGGAAGGAAGGCCT TAAGGGGACCCAGAGGAAACAGGAAACACGGGGAGAAGAGAGGGGAAGGA AAAAAAGGGAGAACCAAAAGAGGAGCAGAAACCGGAACCAAAGAAGGAGG AA $\operatorname{G}$ GAA $\operatorname{la}$ AGGGGGGGGGGGGAAAGGAAGGGGCACACCAAAAAAACGAGG AACCAGAGAACAGGGAAGACGGAGGGGGGGGAACGAAGAAGGAAAAGGG GAGAGAGGACCGGAACCAAGGAAGAGAGGGGGGAAAGAGTTGAAGGGGG GAAAGGACGGACGGAGGGGGAGGAGGGGAAAAGGAACCAAGGTTAGGGG GAGAAAAAAAAGGGGGGAACCAAGGCCAAAACCGGAGCCAGAACCCAGGA AGGGGAAGAGGAAAAAAGGGGGAAAAAAAGGGGGGGGGGGGAAAGGGAA AAAAGGAAGAGCGGAGAGAGGAGGGGAAGGGGGGAAAAGGAGAAGGCCG GGGCCGGAGAATAAAAAGGAAGGGGGGGGGAAAAAGGGGAAGGGGAAGA GGGGAACCAGAAGGAGGAAAGGAAAAAAAAGGGGAAGGACAAGAGGAAGA GGAAAGGGAAGGAAGGGGGAGAAAGGAAGGAGAATACCGGTTGGCCCAG GCGGAAGGAAAAACCGAAAAAGGGAGAGGCCAAAAAGCAAGAGAGGAAAC CAGGGGGAAGAGGGGAGAGGGAAGGAAAAGGAGAGGGAGAAAGCCGGAA GACCGGAGGAAAAAAACAGAAGGAGAGGAACCAACCCCCCGGAAAGAAGG AAAACCCAGGAAGAGGGAAAGGATAAAACCTTAAAGAAGGAAAAACACGG G GAAGGCAGGTTAAAAAACCGGAAAGAAAAGGCCGGAAAAACCAACAAAC A G G GAGAAGAGGGGAAAAAAGGGGAGGAGAGAGGAAGGGGAAAGGACAA AGGAGAAAGCCAGAAGGGAGGAAAAGGAGAAAAGGCAAGGACCACAAAGG GCCAGAGCCGAAACCAACCGGGGAAGGGGAACCAAAGAGAGCCGGGGCAG GGAAGAAGGAGGAGAGGGGGAAAAGGAAGAGGGAGACAAGCGGAGGGAC ATGGGGAACACGCCGACAGGAAAAAAAGAAGGGGAAGAGAAGGAGGCAAC A G GAA G G GTTGGGGAGGGGGGGGAAAGGAAAAGGAGGGACCCAAAGAAA AGGAGCAGAGGAAAGGAAAAAAAGGCAAGGGGGAAAAGAGAGAGCCCGAA CAAAAAAACGAAGGAGGAACCAAAGGGGGAGCCGGAAAAAAGACAGCGAC AACGAAGGCGACCAAGGGGAAAGGAGGGAGAAGAGAGGGGACCGGGGAA

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G G GAGGGGCCAAGGAAAAGGGAGAGACAAGAAGAGGAAAAAAGGCCGGGA AAGAGAAGCGACAGAGGGAAAGGGGGGAGGAGAACCGAGGAAGGACGACC AGACGGAGGAAAGGGACCGAAGGGGGGGTTAACGAAAGAAGAAAACGAAG AGAGAGAAGAAGAGAAAAAAAGGAAGGAAGAAGAAACCAAAAGGCAGGAA A G G G G G G GCCGGGGGGGGAAGGCCGGCCGGGGGGCCCCAAGGGGGGCCG G G G A A G G AAAAAAGGGGAACCGGCCGGAAAAAACCAAGGGGCCAAGGGGA AGGAAGAAGAAAGGATTAAAAGGAGCCGAAGGGCCAGAGGGCCAGAAAGG AAAGGAACCGGAAAAAGGGGGGAGAGGGGAGAGAAGCAGAAAAAGAGGG G GAAGGGGAAAAAAAAGGAAGGAAAGCAAAAAGGGGGGAAAAGAAGGGAA GAGGGGACGGAATTGAAAAAAAGAAGGGACAGAAAAAAAAAAAAGGGGGG AAAAGGAAAAGGCCAAAGAAGAGGCCCCGGAAAACCGGGGAACAGAGGAA GCCCAAAACCGGCCACGGGGGGGGAAGGCCAAAGAAGAGGCAAAGGAAGG GGAGAAGAGAAGCCAAAGGGACCAGACCGGGAAAGGGAGAGGCCGGGGG GCCAAGGACGGGGAAAGGGAAGGGGCCAGGAGAACAAAGGGGGGGAGAA GCAAGGGAACCCAAAAGGGAGAAAGGGGAGAAGGGGAAGGGGAAGGAAAA GGAGGGAAGGCCAAAAAACGAGAATAGGGGAAAGCAAAAGAAAAAACCAA GAGAGCGGGAAAAAGGGAGAGGAGCCGGAGAGGCGGGGAGGAGGAGAAT TAAGAGGAGAGAGAACCGGGGAAGGAAAGAGGAAAGGAGGGGGGGCCAA CCAAGGAAAAGAAGCAAGGGGGGGAAGGAAAAAAGGGAAAAAAGGGGGGG A G ATAAGGAAGGAAGGAGGGGGGAAAAGAAGGGGACAAAAGAGGGAGGG G G A G AAAAGAAGAGGGGGAAAAAAAGGAAGGAAGAGAAAGACCCCAAGGG GGGAAAAACCCGAAGCCGAAGTTAAAAGAGAGACCAGGGGGGAAAAAAAA A G ACAAGGAGGGGGAGGGGAAAGAGACAGGGACCAGAGAAAAGAGAGCCG GAAAAAAAGAAAAAGGGGGAGAGGGCAGGGGGAAAAGAAGGGGAAAAAAG GAGGGGAGGGAAGGGAGGGGAGAAGCAGGAAGGAAAACCGGACAGAGGA GAGAAAAAAAAAGGCCGGCCAAAAGGAAAAGGGGGGGGAAAAGGAAAACC AAAAAAAAGGGGGGCCAAGGAAGGAAAAGGGGAAGGGGCCGGGGAAAAG GAAGGCCAAAAAAAAAAGGAAGGGGGGGGAAGGAAAAAAGGGGAAAAGGG GGGCCAACCAAAAGGGGGGAAGGGGCCAAAAGGAAGGCCAAGGGGAAAAG GAAAAAAAAAAGGGGAAAACCCCAAGGAAAAAAAACCGGCCGGGGAAGGA AGGAAGGAAGGAAAAAAAAAAGGCCGGGGAAAAAAAAGGAAGGAAAAGGA AAAAAAAAAGGGGAAAAAAAAAAAATTAAAAAACCAAGGGGAAAAAAGGG GAACCAAAAAAGGAAGGGGGGGGCCGGCCAAAACCAAAAGGGGGGAAAAG G G G G G A A G G G GAA G GAAAA G G G GCCAAGGGGGGAAGGGGAAGGAGCCAG G GACGAGAAAAGGGGGGGAACCGGGGAGGACAGGGGGGAAAAGAAG $28122000-9 A A G G G G A C G G A G A G A G A A G G G G G A A A A A G G G G C A A A A G A A G C$ CСССAA G G G G G GCAGGAAGGGAGGCCAAAAGGAACCAAAAGGGGAAAAGG AACCGGGGGAAGACAGAGCCGGGGGAAGCCAAGGAAAGAGAAGAAGAGGG G GCCGGAGAAGGGAGGAACAAAGAAAGGAAGGCCAGAGCCGGGGAAAAAA AA G G GAGAAACCAAACGGACAAGGGAAAGGGGGAAAGGAGAGACAGCCAG AA $\operatorname{A}$ GAGGAGGGGGGGGGGGGGGGGAAGGGGCCAAATAGGAAGGAGGGAG AGGGACCAGAAAAAAGGAACCGGAGGGAAGGAAAGAAGAAAGAAAGGGGG AGGAGGAGGAAGGAAAGACAGAGAGGGAGAAAAGGGACCGAGAAAGAAAG GGGGGAAAAGACCAGGAAAAGAAGGAACCGGCAAACCAGAGAAGGGGAAG GAAAAGGATGGAAAAAGGGGAAGAACCGAGGAAAAAACAATCCAGGGCCG GGGAAGGAGCAAGAAAGGAAACAAAGAGAAAGGGGAAAACCGGAAGAAGA AGGAAGGAAAAGGCAGAGGGGCCGGGGGGGAAAACAGAAGAGAAAGAACA GACGGCAGGAAAACAGGGAAAAAGGGGGGGGGGAAGAGAGAAAGCGAGA A G G G G G G GCCGGGAGGAAAAAAAGGGAGGACAAGAAGAGGAGAGGACCC AGGAAAAGAAGGAAAGAAAAAAGGGCACCCCGGAAGGGGGGGAGGAGAGC AA GAAGAAAAAAAGACCGGAAGGGGCCAAGGGAAGGGCCGGATAGAGGAA GG GAAAAACAAAAAAAAAAGAAGGACATTAACCAAAAGGAGGGGCGAGAG GAAAAACCCGAAGAAGGAAACGGGGAAGGGGCCAGACAAGGCCGGAACAA AGGAAAAAGAAACGGGGAAAAAAAAAAGGAAGGGAAAGGGGCCAAAAGGA GAAGGAAGAGGGGAAAACCAAGGAAAAAAGGGGCCAAGAGGAACCGAGAT AACAGAAGGAAGCAAAAAAAGAGAAGGGGGGACAAGGAAGGGAGGAAAAG AACGAGGTAAGTTCAAAGGGGGGAAAACCAAAAAAAACCAAGGGGAAAGA AAGGAGACCGGAAAAGGAGACGGAAGAACGAGGAAGGGAAAGGAGGAACG AAAGAAAACGGACAGGGAAGGAAGGGGAAAGGGGGGGAAAGAGAACCAGA AACCAGGGGGAGAAGGAGGCAAACCGCCACAAACAAAGAAGAAAGGAACA AAACCGGGGAGGGCAGATAGGTAGACCAAGGAAAAGGGGAAAAAAAGAGA

G G GCAGGGGGAAAAGCCGAAAGAAGGAGGAGAGAAAAGGCCAAAGGGAAG AGGAAAAGAGGGGAATAACGGAGGGCCGAGGAAAAAAAAAGAAAAAAAAT TAGAGCAAGGGGGAATTGGCAAAGGAAGACAAAGGGGAAAAAAGAAAGGG GAAGGAAGAGGTAGGGGAGGGGGAAAAGAGGCCAAGGGGGGAAAAAACC AGAGAAAAAAAAGGGGAACCGGAAGGACAAAGCGACAGAACCAAAAGGCC AGCCGAAAGAACCCGGAAGAAAAGAAAAAAAACCAAAAGGGGGGAAAAAG G G G G G GTTAAGGGGGGGGAAGGAAGGGAGAGGAAAAACAAAGGAAAAAG GAAGGAGGGGGAAGGAGAGAGCAAGGGGAGGGGGGGGGGGGAAGGAAGA AA G G AAAAAAGGGGACAGCCGGAAGAGGGGAAAGGGGGAGGGAACCGGG GAGAAAGAAGAAAGAGACCACGGAAAGGGGGCCGGGGCCGGAAAAAAGGA AGGGGTAGGGGCAAGCCCAAGAAGGAACCAAGGGGAGGGCCAAGGGGAG GGAAAAAAACAAGGGGAGGAGAAGAAGACCAAGGGGCCCCAAAAAAGAAA AAAGATAAGAAGAGCCGGGGAACCAAAAGAGGCCAAAAAAGGGGGGGGGG AGGAGAGGAGTAAACCGGGGAAAAAACCGGGGAGGGGGGGAGGAAAAGG GAAAAAAGGACGACCAAACAACAAAAAGAAAAAGGCCGAGAGAAGAGGAG GAACAAAACAAAAGGAAGGAAAAGGGGGGAGCCGAGGGGAGGGAAGGAAG GCCCCGGAAGGAAAAGGAACCGGAAAGAAACGGAGAGAAGACCAGGGAGG GGGAAAACCAAAAGAAAAGAAAAAAGAGACAAGGAGAACGGGAAGAGAAG ACAGAACGACCGGAGGGCCCCAAGAGGACAAAAGGGAGGAAAAAACCGGC CGGAAAAAACACAGAGGAACCAACAGGAAGGAAGGAAAAGGGAAAACGAA G G GAA G GAAAAGGAACCGGGGAACAAAAACCAAGGAACAGAGACCACGGC CAAAGAGAGAAGGAAAAAAAAAAAGAAAGGGCCGGAAAGGAAAGAGGGAG GGGAAAGGGCCAACCACGGAAGGAGGAAAGGGAGGGGGAAGAAGGGGAA GAAAAAAGAAGGAAGAGCGGAAGGAGAAAAGGCCGGAAGGAACCGGAAAA CAGAGGAGGGGAAGGGAGGGCCGGGGCCGGAAGGTAGGGGCAAAAGAAG GGGCCAAGGAAGAGAGCCCGGGGACGAAGGGGGGAAAAAAAACAGAGGAA CAGGGAGGGGGGGGGGAAAGAGGAAGGGAGGCGTTGGTTAAAGAAAAAA AACACCAGGAAGAGGAGAAGAAAAAAGGGGGGAACCGAAGGAAAAAGGGG GGGGAAGGAAGGAAAAGGCCAAAGAGAGAGCCGGGGAGCAGGAAAAGGG ATTAAAAGGAAAAGGAGAGGGGGAGAGAGAGGAAGGAGGGAGGCCGACC GAGGAAAAAAGGCCGGCGAAAAGGAACCGGAATAGAAGGAGAGGCCGGCA GAGGGGGGAAAGAAGGACAAGGAAGAGGGGGGGAAGCAGGGGGAAGCAC C G A G G G A G G G G G GACAAAAGGAAGGGGAAGAAACCAAAAGAAGGAAGACA G G G G A G G G G A A GAGAGAAAAAAAAAAACCGAGAGGGGGGAAAAGGAAGGA AGGAAAAAAAAGGAAAACCGGGGCCGGAAGGCCCCGGGGCCGGAAAAAAG G G G G G G G AAAAGGCCAAAAAAGAGGGAGAGGAACAGGGAAGGAAGGGAG CCGGAGGGAAGGCCGACCCAGGAGAATTGGGGAAGGGGCCGAAAAAGAGG G G G A A G G G A G G G G G G G G G AAAAAA GAAGAAGGAAGGGAGGAAAAAAAAG G G G G G G G A T G G G G G G A A G A G G GAGAAAAGGGAAGAGACCGGGGAA G GAA
 G G GAGGGAACAAGGGAAAGAGGGGGAAGAAAGGGGCCGGGGCCAGAGAA GAGAAGGGAAGGGAAGGGGAAGAAGGGGGGAGAGGGGGGAAAAAGACCA AACGGGGAAAAAAAGAGAGACAAGAGAGAGGGGAAGAAGAAGAAGGGAAG AA $A$ AAAGAAGGGAAAGAGGGGAGGAGGAGAAAAGAAAAAAGAAGGGGGG GGAAGGAAAGAGCAGGGGGGGGAAACCAGGGAGGGAGGGGGGAAAAGGA AAAGGACGGGGAAAAGGACCGTAGAGGAAGGAAAAAAAGGGAAGGGAGGG GGGGGAAGACAGGACAAAAAAAGGAGAGGGGAAAGATGACAACGGGGAAT TAGAAAAACAGGGAAGGGGGGGGAAAAGGAGAAAAGATAGGAACCAGAAA AAGGAAAAAAAGGAAAACCAAACAGAAAAGAGGGGGAGGAAAGAAGGAAA ATTGGGGAAAAAAGGGGAAGGGGGGGAGAAGAAAAGAGGGAAGAAAAGAA AACAACCGGACAAGGGAGGAAAAGAAAGGACAGACAGCAGAAAGGAAGGG GAAGGGGAAGGTTCCAAGGAAGGGACAAGAAAAGGAAGGAAAAAAGAAAG GAACCAAAAGGAGACGGAATAAAAGAGGGAAACGGAGGGGGGGAGGGGG CACAGGAGGGGGGGCCAAAAAAGGGGAAAAAAGAAAAGACAAGGAAAAGG G G G GAAAAAAAGCCCCAAGAGGGGGGCCCCGGAAGGCCCCCCGGAAGGAA GGAAGGAACCAAGGAGGGAAGGTTCCGAGAAGACACCAAGCAAGACGGAG GGAACCAACCGGAAAGAAAGGAAGCACAAGGAAGAGGGAGAAAAGGAAGG AACCGGGAGGCAGGAAAAGAGAGGGGGGAAAAGGAAGGGGCAAAAAGAAG AACCAGAAGGGGGGGAGGAAAACCGGCCGGGGAAAAGGGGGGACGGGCA AAAAGGGCAGGAAAAAAAGAAAGGACAAAGAGAAGGGAAAAGGAGAAAGA CAACCAAGAACCAGAAGAGGGCCGGGGGGAACCGGGAGGGGAGGGGGGG

CAGGGGAAAGACAGAAAAGGAAGAAGCCGGCCGGAAAAAAAACCGGTAAG AA $\operatorname{l}$ GGGGAGAGGGGAAACAGAAGAACAGGGGAAGAGAAACAAGGAAGGG GAAGGGGGGAAGGCCGGGGAAGGAAGGAGAAGGGGGGAACCAAGGAAGG CCAGCCGGCCAGAGAAGGGGAAAAGGGAAGGGCCGGACAACCGAAAAAGA CCAAAAAAGGGACCCCGGAAGGCAGGAAGGGGAACCGGGGAGCAACGGGG G G G G G G G GAAGGGGAAGGAAAAACAAGGGAAAGGAAGAGAAGGCAAGAA AAAAGAAGGGAAAGGGGGGGGCCTTGGGGAAGGGGGGAAGGGAACGAAA AAAACAAAGGAGAACACCCCCCGGGGGACCGGAGAACCGGGGGGGGAAGG AGAGAGGGGGGGCCAGAGGGAGAACCCCAGAAGAAACCAAAAAGAAAAAA AAGGAAAAAAAAAAGGGATAGAAGAAAAGGAGGAAGAGAGGGAGAACCGG CCAAAAAGAGGAAGAGGGAAAGGAGGAGAACCAGAGGAAAGGGGGGGCAA G GAA G GCCGGGGCCAAGGAAGGAAAAGGGGGGAAAAAAGGGGGGAACCC CGAGAAAGAAAAAAGAACCGGGGAACCCCAGGAATAGGAGAGAGGGAAAA AAAAAAAAAAGCCGAAGAAAAAGACAAAGGACGCCGGGGGGGAAGGGAGA AGGACAACCGGAGCAGGAAAGGGAGGGGAAGCAAGGGCCGGAAAGAGAGA AAAGGGGAAGGAAGGGGACAGGACAGAGAAGACGAAAGGCCAAAAAGGGG G G G G G A G G G G G G G A A G G G GCCGGCCGGCAACGGGGGGCCAAAGAGGGGA GAGGCAAAGGGGAAAGAAAAAAAAAAGGACGAAACCAGGAGGAAAGAAAA G G A G A A A A A G A G G G G G G G G G GAGGGGGGCCAAAGGGAACCTTAAGAAAG
 AA G GCCGGGGGGGGAAGGGGGGCGCCCCAAGGAGGAGAGGAAGGGGGAC CGAAGCCAGGGGAACGGGGGAAGCCGGGGCAGAAGAACAGGGCCAGGGG AAAAGAGAAGGGGGAAAAGGAAAAAAAAAGGAGAAGACGGGGACGAAGGG AGGAGAAAGGAGGGAAAAAAGGGGGGGGGGAAAAAAGGGGGGAAGGCCA GACAGGGAAAGAGCCAGAGGAGGAAAGGAGGAAGGAGAGCCGAAGAGAG GGAAAAGGAAGAGAAGGAAAGGCCATCCCCGAGAAGGAGGAGAACCAAAG GGTTAAGGGGGGGGAGAAAAAAAGGAGAGAGGAAAGCAGAGGGGGGCAA GAAAAGAGAGGAAAGAAGGAGACGGAACCGGAAGAAAGAAACCAAGAACA CAAGAAAGACAGAAGGGAAGGGGAAAAGGGGGGGGAAGGAGAGAGAGCC GGAGGGAAGGGGGGACAGAAAAGAAAAAAAGAGGAAAAAAAGGGAAAAAA GGAACAGGAAAAAGGGAAAAAAGGGGAAAAAAGAAAGAGGGGGCAAGGGA GAGGGAAAGAGGAAAAGGGGGGAAAACAGGGAAGGGAAGGAAAAGGGGG AAACCGGGGAAACAAAAAAAAGGAAAAAAGGGGGGAGCAGGAGGGGGAGG GGGAAAAGGCCGACCGGGGGGCCCCCCAGAAACCCGAACGGAAAGGGAGA AAGGGAGAGAAGGAAAAGGAAGGAGGAAGAAGGAAGGAAGCGGAAAAAGG G G G G G A A G G G G AA G GCCAAGGAAAAGGGGCCGGGGAGAATTAAAGAAGA A G G GAA G GAGGGAAAACCAAGAACGAAAGGGACAAACCAAGGAAGGAGGG A G A G G GAGGGCCAAAGAACCCAAAAAGAAGGGGAAAGGAAAAGGAAGGAA GAGGAAGGCCAAGGCCCCGGAGGGGGAAAAGGAAAAGAGGCACCGGAAGG A G G GCAAAGGGGGGGGAGAACCAGGGGAAACAAGCCCAAGGGAAGAAGG GAAGGGGGGGGAGACAGAAAAAAAAGGAAAAGGAAAAACATGGCCCCGGG GCCAACAGGAAGGGAAATAGGGAAGGAAAAGAGAAGAGGGGAGAAAAAAG GGGCCGGGGAGGGCAGACCGGGGGGGGGGAAGGAAAGAGACGGGGAAAA AAAAGGAAGGGGGGAGGGGGAGTTGAAGAAAGAGGAAGGAAACCAAAAAA AAAGAAAAAAAAGAGGGGACCCGCAGAAAGGACAAGGAAGCCGGGGAATT GGGGGACCGGAAGGCCCCGAGGGGACGAAAGAGGGAAACACAAGGAGACA GGGAAGAAGATAAAAAAAAGGCAACCGGAGCCGACCGAAAGGACAAGGAG CCAGGGGGGGAAGGCAAAGGGAAGAAAGCCAAAAAAGGAACCCCCCAGCC CCACAGCAGGAAAAGAGGTTGAGGGGCCAGCCAAGGAAAAGAAAGGGGAA AA G GAAAAGGAAAAAGATAGAAGAAGCCAAAGAAAAGAGGAAGGGGAAGG AA GAAAGGGAAGAGAGCCGGGGAAAAAGGGAGAACAGAAAGAAGGGAGAA AAACCCAGAAAAGGAAGAAAGAGGAGGAAGAAAAAAAAAAGGGAAAAAGA GGGAGAAAAAAAAAAAGAAAGGAAAAGAGAAGAGGGGGGAAGAAGGAAGG G GAGGGAAGGACGGAAGGGAAACCGGAGAAGGAAGAAACAGGAGCCGAG GAGGGAAATGGAAGGAGAAGGGAAGGAGAAAGGAGAAAAAAAAAAAAGGC CCCGGAAGGGGCCGGAAGGAAGGAAAAGGGGCCAAAAAAGGCCAAGGAAG GAACCAAGGAAAAGGAAGGCCGGGGAAAAAACCGGGGGGGGAAAAGGGGA AAAAGCCGAAGCCAAGAGAAAGGAACCTTGGGGCCAAGGGGAGAAGGGGG GGAAGAAAAGGGGCCGGGAGGAGGGGAAAGGTAAGGAAAAAGGGGAAAA GGAGAAAAGAGAAAAGAAAGAGGGGGAAAAAAGGGAAGGAGGAAGGAGG GAGGGGGAAGGGAGGACAGGGCAGGGAGGAAGGGGCCAACCAGACAGAA

GGGAGAGGAAAAAAAGTTAAAGCCAAAAAAAAAAAAACAAGGAAACAAAG AAAAAGGGGGCCAAGGCCTTCCAGGAAGGGAAAAGACGACGGGGAAAAGG GAAGGAGAAAGAGGGGATGGAGAAGGAGCAGGCACCGGAAGACCAAAAGG AA $\operatorname{l}$ GGGAGGGGGCCATGGGGAGGAACGGGGAAGGGGGGCAAAGGAGGGG ACAGAAACGGGGGAAAAAAAAAGGACCAAAAGGGAGGGGAAAGACCAACG
 ACAGAAGGAAGAAGGAAACCGGAAAAGGAACACGCAGGAAACAGAGGAGG GGAAAAAAAAAGAACCAAGGAAAACCAGTAGGGGGAAAGAAGAAAAGGCC AAAGAGAGAAAAACGGGGGGAAAACCCATACCGGGGAAGGTTAACCCCAA A G G ACCAAAAGGGGGGGGAAAAAATACAAAGGAAGGGGAAAAAAGGAAGG AA $\operatorname{A} G \mathrm{GGCCAACCCCGGGGAGAAAGAAGGGGGGAAAAGGGGGGGGGGAAG}$ GGAGGAAGGCAAAAAAAAGGGAGAAGAGGAAAGGAAAGGGGAGGGGGAA GGGAAGAGAGAGAAGGGGCAGGAGAAAGAACAAAAGAGGGAGGGGGAAA AAAGGAAGGGGGGGGAGTTGGAATTGGAGGGAAGGAAAAAAGAAAGGACA AAAGGGGCCAAAAAGCACCAAAAAAATGAAAAATTTTCCAGAAGAGGAGA AGGAGAAAAGGGGAACGAGTACCAGAGACGGAACCGGGAAAGGAGAGAAA AAAGAGGAAAAGGAAGACCAAAAGAACGAAGGGAGGGAGGAACAGAAAAA AA $\operatorname{G}$ GGCAAAAAAAAAGGGGGGGGAGCCCGGGGGCGGAGAAGGAACAAGG G G G G G G G GAAAAGGGGAAAAGGAAAAGGGGAAAAAAAAAAGGAACCGGAA AACCAAGGTTCCAACCGGCCAAAAGGGGAAAAAAAAGGGGGGAAAAAAAA G G G G G G G G A A G G G G G G G G A A A A G G AAAAAAGGAAGGGGAACCAATTAAC C G G CCGGGGAAAAAAAAAAGGAATTGGAAAAGGAAGGGGAAAACCAAGGA AGGAAGGCCCCAAAAAACCGGGGGGCCCCGGGGGGAACCGGAAGGAATTG G G G G G A AAA G GAAAAAAGGGGGGGGAAAAGGAAAAGGTTAAGGAAGGGG AAAACCAAAAAAAAGGTTGGAAGGCCGGGGGGCCGGAACCGGGGCCCCCC CCTTGGTTTTGGAAAAGGAAAAAAGGAAGGGGGGCCCCAAAAAAGGGGGG GGGGGGGGAAAAGGAAGGAACCAAAAGGAAGGAAGGCCGGGGAAGGAAA AAAAAGGCCGGCCAAGGGGGGAAAGGGGGGGGGAAAAGGGGCCAAAAAA GGAAAACCGGCCGGGGGGGGAAAAGGGGAAAAAAAAAAGGGGAAAAAAAA GGTTCCAACCAATTGGAAGGAAGGAAAAAAGGAACCAAAAGGGGGGAAAA AAAGAAAAGGAGAAAGGAAGGACCGGAGGAAGGAAACCACACGAAATTGG AAAGAAGAAGCAGAGGAAGGGGGAGCAAAAGGAAGGGGCAAGAGGGAGA GCAAAGGAAAGAGAGGAAGGCCAAGGAGAGGAGGGAACCAAAAGGAACCA AGGAGAACCGAAACCAGGGAAAACCCAAACAAAGGCCAGGGGGAAGGCCA A G GCCGGAGGGGGGGAGGAGGGAGGCCGAAAGGGGGGAGACAGAAAACC G GTTGGACGGCCGGGAGAAGTAGGAAAAGGAGAAAACCGGGGAAAAAAAA AAAAAAAGAGCAAAGAAGACGGGGAAAGGAAGGGGGAAAGACAGAACCCC AA GAAACCAAAAAAGGCCAAGGCCAGGGCCGGAGAGGGAAAAGGAGGGAG AGGCAGAGAGAAGGAAAAGACCAAAAGGGGCCGGAGAAGGAAAAATAAAA AACCGGAAAATAAAAAAGCAAAAAAAAAGAAAAACCAAAAAAAAAAAAGGA AAAGGAACCCCAAGGAACAAGCCAAGGGGCAACAGAAGGCCGGCAAAGAG GCCAAAAGGAAAAAAAAAAAACCGGCCGACAAGCCGGAAAAGGAAGGGGG GAAGGGGAAGGCAAAGGAGGAAAAAAAAAAACCAAGGAAGGCCGGGGACA GGGCGAGAGAAGGAAAAGGAAAAGGGGGGACCACCAAAAAAGAGAAGGGA GCCGGAAAAAAGGAAGGGGGATTAAAAAACCCCGGCCGGAAGAAACCAAG AGGAAAAGGGAAAAAGAGGGAGGGGATGAGAAAGGGAAAGGGGGAAAAG GGCAGGCCAGGGGGGGGGGGGGAACCGGAAACGGCCGGAAGGAAGGCCG GAAGGAACCGGAAGAGGAGAGGGAGGAAAGGCCGGGGAAGGGAAAGAGA GAGAAGGGATAAAAAAAAGAAGGGAGAAAAACTTAAAACCGGAAAAAAGA AAAAAGGGCCCCGGATGGAAAACAAAGGAGGCGGGGAAAAGGAACGGCAG GAA $\operatorname{l}$ GGGGGGGGAAGGAACCGAGATTGAGGGGGAGAGGAAGGGAGAGGG GAAAGGATTGGAAGAAAGGGAGACCGGAGGGAAAGAGGGGGGAACAGAG AACCAAAGCCAAAGCCGACCAAGGGGAAGGAGAACCCAGGCGGGGAGGGG GAAAGGAAACAGGGAAGAGGAAGGAAAAAAGGAAGAAAAGGGACAAAGAG AAAAGGCCGAAGCCAAAAAGCCGGAAAATTGGGGGGAAGGAAGAGAACGA CACCAAAGGGAACGGGAACCTATTAAAAACAGGAAGAAGGAGAAAAGAGA AAAGAGAGGGAGCCGGGGGAAAGGAAAAGGAAGGGAAAAAGGGGAGGGG AGAAAAGGAAGACCAAGGGAGAACACCGGGGCCAGAAAGAGGAGGGGAGA AAAAAGGAAAAGGAAGGCAAGGAAGACGGAGAGTTAAGGAAAGGGGGCGA AGGAAGGAAAAGGCCAAGGGGGGGGAAGAGGAGAAGGGGGGGGCCAAAA


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 G GA $\operatorname{l}$ GGGGGAAGGGGGAAAGAAGAGAAGGGAGGGAGGGCGGAGGGAAGG AAAAGGAAGAGAAGGACAAGGGAGGAGAGGAGGGGGGGAGAAGAATAAG GCCGAAGGGGGGGGGGACCAAGAAGCAGCGGGGCCAGCCGAAGAGAAGG GGGAAAAAAGAGCCAACCCCAAGAAGGGAAGGAAAAGACACCGAAGGGAG GAAAATGGAAGGGAAGGGGGAAGGGGGGGGGGGGCCAAAAGGGGCAAGG GAGAGGAGGGGGGAGAGGGGAAGGGACGAGGAAAAAACCGGAGGGGGGG AA $\operatorname{A} G \mathrm{GA}$ GGAGAGGGAGGACCGGAAGGAAAAGGAAGAAGGGGGGGGGGGT

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 CAAGGCCGGAAAAGGCCACAGGAGGGAAGAAGGGGAAGGAAAGAAAGACA GAA $\operatorname{l}$ GGGGGAGGGGAGGATAGGGGAGGAGAGCCGACCAAAAAGAGAACC ACGGGGGGGGAAAAAACCGGGAAGAGGGAGAAAAGGAGGGGGGGAAGGG GAGAAGAAGAAAACCGGGGAACAGAGAGGGGGCAGAGAAAAGGAAGGCCA AAAGGGAAAAAAGGGAGACAAAACAAAGAACCAAGGAAAGAGGGGGGAGA GAGGAAAACCCGGAGAAGGAGAAGAGAGGGGGACCAGGAAACGCAGGGAG GAAAGAGAAAAAAGAAGAAGAAGAACCGGAAAAAGAGGAGGAGAAAAGGG GGGAAAAAAAAGGGGAAAAGGGGCCGAAGGGAAGAGATAAGACACATGAA GGAACGAGGAAGGCAGAAGGAAAGAGGGGAAAAAAGAGGGGGGGGCAGA G GAGGGAGGGAAGAAACCAAGAGGAAAAAGAAATCCACGGGGAAAAAACC AACCGGGGGGAAAAGGAAGGGGAAAACCCCAAGGGGAACCCCGGAACAGG AAAAAGAAGGAGAGGAGGGGGGGGAAGGAGGGAAGGGGAAAAGGGGGGA A G G G GCCAA G G G G G G G GCCGAGGAAGGAAGAAAGGGGGGAAGGGCTTCC A G G A G GAAA GCAAACCACGGAAAGAAGGGGCCAACCAAGGGGGGGGGGG GTTAGAAGGGGAAAAAAGAGAGAAGGGCAAAGGGGGGAAGGTTAAAACAA AAAAGAAAAAGAAGGGAGGAAGGGAGGAGCCAGGGAAGAAGCCCAAAGGA AGGAACCGGCCAAAAGGCCAAACGGGGAAAGGGCCGGAAAAGGGGGGGGC C G G G G G G G G G GAACCAAGGAGAAGAAAGGCCGGGGCAAGGGGGGAGAGG AAAGAGGGGAAGCCAAGGAAAAAAGGAAGGAGAGGGGGGGAAGGGGGGG GGGAAAATTAAGGAAACGGAAAGACAGAGACAGAAGGGAGGAAAGGAGAA GACAGGAAAGGCCGGCAAGAAAAGACCAAAGCAACAAGAGGAAGGAGAAG GGGGAAGCCGGAAGGAAGGGGGGAAAAGGAAGGTACACAAACCGGAAAGG G G GCCAA G G G G G G G G G G G G A G GAGAAA G G G G GAGGGGAAGGGGGGAAAA G G G G A A G G G A G G G A G G G G G A G G G G G A A GAGGGGAAAAGCGGGCCAAGGA A G G G G G A A GAACGGGGGATCCAAAAGGGGGGAAGGGGAAGGGAAAGGAG A G G G GAGGAGCCCAGACCGGGGAAAGAAGCAAAGAAGGAGAAGAGGAAGG AAAGGGCACAGAAAGGGAGAGGAAGAAGAAGGAAGGAAAACCGAGAAGAA TTACAGCCGACCAAGGAAAACAGGAAGGAACCGGAAAGGGGGAAGAGAGA GACCGAGGGAAGAAGGGGGGGGAAAGGAAGAGAGGAAAAAGAAGGGAAG G G G GA GAAACA G G G G G GAGGAAAAAGGCCGAAGGGGATAAAGGGAGAGA A G ACGGAGAAGGAAAGGAGAGGAAGGAAAAAAGGGGCGGAGGAGAGAGG AGAAGGAGAGGGGCCAGCCAAAGAAAGCCGGGCAAGGGGGGAAAGAGAAG GGGAAAAAAAAGGGGAAAAAGAAGGAAAGGGGGGGAGACGGGGAAAAGG A G G G G GCACCGGAGAAGGGGGGGGGGGAGGCAGACCGGAAAACCGGGGC CGGGGCAGGAGAAGAAGAAGGGGGAAAGGAAAAAAAAAAAAAAAACCGAA GAGGAACGGGACGAAAAGGGGGGAAAAGGCCAAAAGGGGCCAAAAGGAGG AA GAGAAACAAGAGGGGAGGGGGCCGACAGAAGGAAGCCGAAAGACAAGG G GAA GA GCCGGAGAAGGGGGGGGAAGGAGAGAGAGGGGGGGGGCCGGGG AA $\operatorname{A}$ GGGGGAGGGAAGGAAGAGGGGGGGAAAAAGGAAGGAGATTAGAGGG GAGAGGGAAAAAGAGAGAGAAGGCCAACCACAAGAAGGGAGGAAAAGAGA GAAAAAAAGGGCCGGGGGAGGGAAAGAGAGAAGGGAACCGGCCCCAAAAA AAAAAAGGAGGGACCAGACAGGAGGCAGAGGGGGGAAAAAGGAGGAAAAG GAAGGGGAAACGAAAGGACGAAAGGAAAAAGGGCACCAAAAAAAAGGAGG GGGAAGATAGGGAAGAGAGGGAAGGGGAAAAGGAAGGGGAGGAGGAGAA AAGGGAAAAAAAAAGAAGAGGGGGAAGGAAGAAAAAAAGGGGGGCCAGAG AGAGGGGAGAAAGGAAAAGAAAAGAAAACCACGGGGGGGAGAGAACAAGG CCACAAGGGGGAGAAGAACAGGAAAGGGAGAGAGGGGGAAGGAAGAAGAA AACATTGAGGAGGAGGATGAGGGGACAGGGGGCCAGGGAAAGGGAAGGG GGGGGGAGAGAAGGAAAAGGAAAACGGAGGGAGGAAGAGGGGAAAGGAA GGAAAGAAGGAAGGAAAACCAAAAGGAACCAAGGGGGGGGGGCCAAAAAA AAAAGGGGCCGGGGGGAAGGAAGGAAAAGGAAGGAAGGGGGGGGGGAAG GTTCCGGGGGGAAGGGGAAAAAAAAAAAGGGGGGGGGGGAAAAGGAAAG ACGGCCGAGGGAGGGGAGGAGGGGAATTGGGGAAGGGAGAAGAGAGGGG

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 A G G GAAA $\operatorname{A} A \operatorname{AGGGGAAAAAAAAGGAGGGGGAGGAACAGGGAAGGAAGGC}$ AGGGGGGAAGAAGAAGGGGCCGGAACCAAAAAACCCCGGCAGACAAAGGG G G G G G G GAAAGGGAAGGCAAGAAAAGGAAGGAGAAGGGGAAAAGAAAAA GACCAGCCGGCCCACAGGCCGGACGGAAAAAAAGAGCCGAAGGGAGAGAG GGGGAAAAAAGGGGGGAAAAAAGGGAAGCCAAGGTAGGGGAGGGGAGGG GAGGGAAGGGGGGGGAGGAAGGAGACCGAGGGAAACCAAGGGGAAAGGG GGAAGGAAGGAGGAGGGGAGAAGGAAAAGGGGAGAGAGAGAACCAAGGA AAAGGGGGGAGACGACAGAACGGACAGGGAGAAGGGGAAAACAAAAAAAG AAGGAGGAGACGAAAAAGAGGAACACCGAGGGGAAGGCCGACAGGAAAAA AAAGGAAAAGGGGGAAGGAGGCCGGAAAAAAGGGGGGAGGGGGAAAAAA
 CA GAA G G G GAACCAAAAGGAAAGGGGAAGCCAGGAGGGAAAGGAAAACCG GGGAACCAAGGAGGGAAAAACGAAGAGGAGGAAAGAGGGGGAAAGACAGG GAGAGAGGGAGAGAAGAGGAGAGAGAACCGAAAGGGGACGGAAGGAGAG ACGGAGGGAAGGTTGGAGAGGAGGGAGGGGAACCCGAAAAGGAGGAGAA GAAAAAGAAAAGGAGGACCAACCAAAAGGGGAGAGACGGGACCCCGGAAA GAAGGCAAGGGGAGGGGAAAGAAAAGGAGGGAAGGGAGAGGGGGGTTAA G G A A CCGGAGAAGGGGAGAAAAAGAAGGAAGGGGGGGGGGACGGAAAGC A G G GAGGGGAGAAAAGGGAACCCAAGGAAGGGGGGACGGGGGGGGGGAC AACCGGGGGAAAGAGGGAAAGGAGGACCAGGACAAAGGCCGGCCGACCGG GGGAAAGGAGAAAGGAGAAGAGAAAACCGGAGAGGAAGAAAAGGGGAGGA AAAGGACCGGGGAAAACAGGGAGGGGAGGGGGGAAAAAGGGGGGGGAAT AAAAGAGCAAACAAGCCGAGAAAGGGGAAGAACAGGGAAGGGGAGGGGGC AAGGAAAAAAAGAGGGGAAAAACAAGGAGAGCAGAACGGAGAGGGCCGAG GGCAAGGGAGAGGAAAAGGGGGGAGGAAGGGAACCGGAAGGAAGGGGAA GGGGAAAAGGGGAGGGGGGAGAAAAAAAAA的的GAGGGAGAAGGGGAGA ACCGGAAGAGACCAAAAGGAAGGAGGGGGGAGGGGAAAAAAAAGGGGAAA AAAAAAAGGCCAAAAGGGGAAGGAAGGGGAAAAAAAAAAAAAAAAAAGGA AAAGGCCGGGGCCGGAAAAGGAAAAGGCCAAAAGGGGGGGGAAAAAAAAC CGGGGCCGGAAGGAAGGAACAGAGGCCGGAAACAGAAGGGGAAAAAAAAA GCAGAGATTAAGAGGAGGGGGGACCTTCCAAAAAAGGAAAAAAAAGGAAC CGGGAGGCCAGGGAAGAGAAAAAAAGGCCGGGGAACCGGAAAAAAGGCCG GAAGGAAGGAAGGAAGGGGAAAAAAGGGGGGAAGGAAGGAAGGAACCCCA ACCCCGGAAAAGGGGAAAAAACCGGAAAAGGAAAAAGGAGGAGAAGAGAA A G G A G G G G A G G G G G GAAGGCCAGGAGGGGGAGGAAAAGGAAACCAAAAA AAAAGGGGGGCACCAAGGGGACCAACAAACAAGAGGAAGACACAAAAGGG AAAAAAAAGGGAGGAGACAGACGGGAAGATAAAAGGGGGGAGCCGCGGAG GAAGGGGAGGAGGAAGAGAAAGGGAGGAAAAAAGGAAAGGGGAACCAAAG G G G G G G A A G G CAAAAGGAGAAAAAAAGGGGGGAAAGGAGGGAACGGCCA AAAGGAACCCCAGGGCAACGAAAGGAAAAAACCGGGAGGGGGGAGGAGGA

AGGGGCAAAAAGAGGAAGACCCCAAGGGGGGGGGGAAAAAAAAGGCCCAG AA G G A G G AAAAAAAAGGGGGAGAAAGAAACCAACCAAGGAAGGGGCAGGG GAAAAGAAGAAAAGAAGAAGGGAGGGAGGAGAACCAGAAGGGAGGGACAG GAGGAGACCGAGGGAACAAAGCAGACCGGAAGAGAAAGGGGGGGAAAAAA A G G G G G G AAAAAAAGGAGGAAAGAGACGGGAAAGGGGAAAAGGAAGGAA G GAAAAAGGGAGAAGAAGAGGAAGAAGGAAAGGGGGGAAAGACCGGAAG GAAAGAAAGAAGACCGGGGGGAAGGAGGAACAAGGAGAAGGAAAGGAGAG G G GCCGGCAGAAAGGGGAAGGGAAGAAAGACAAACACGAAAGGGGGGGG AAAAGGAAGGAAAAAAGGAAGGGGGGAAAGAGGGAAGAAGAAGGCCGGG G G A A G G G G A G G G G A A G G A A G G G G G G G G G G G G G G G G G GTTGAA G ACACAG CCGAGAAACCGAGAGGGGGGAAAAGGGAAAAAAGAAAGGGAAAGGGCGGA AGAGAAAAAGGGAAAGGGAAAGGGCCAGGCGGGGAGAGACGAGGACAAGA CAGGGGAGGGCCAAAAAGGGGGAAGGGAGGGGCCAAGAAGGGAGCAAGA GCAAGACAGCCCCCGAGGGAGAGAGGGAGGAGAGGAGAAGGGAAGAGCG AAGGAGCCAAGGAAAAGGAAGAAGAAAGGAATAAAAAAGGGGGGGGGGGG GGGAAGAAGGAAACGGGGAGGAGGAAGAAGGGCAGAATACGAGGGGGAA CGACCAAAAGGAAGGGGCCAAAACCAAAGAACCGGAGCAGGGAGGGGGAG G G GCCAGGGAGGGGAGAAACACCGGCCAAAAAAGGGGAAAGGGGGGGAG GAAAGAAAAACCAAGGCAAAGGCGGAAGAAGGGGAGAAGGCCAAAGGGGG AGGGCCCCCCACGGGGGGCAGAGAGGCCAACAAAAGGGATGGGGAAAGAG AAAACCAGCCGGAACCGGAAGGGGAAGGAGGGAAGGAAAGAGGGAGGGG GCCAA G GAAAAGGGGGGGGAACCAAAGGGGAAAAGCCGAGAAGGGCCAGG GGAAACCAACCGACCAGGGGACCGAAGCCAGGGAGAAGGGGAGGAAAGGG AAAGGAAAAGGGGAAACAAAAAAAAGGGGAACCAAAAGGAAAAAGGAGAG GTTACAGGGACCCAGAAGGAGCAGAAGGGAGCCGAGAGAAAAAAAAAGGA AGGAAGGAAAAAGGGGGAGAGGGAAAAAAAAAACAAGGGGAAGGAAAAAG GAAGGGAAGGGAGGGAGGAGGAGAGGGGAAGAAGAAAAAAGGGAAGAGG GGAAAAAGGAAGGGCCACAAGGGGACAAAAAAAAACAGGGGGAAAAAAGG GGGGAAAAAGCAGGAAGGAAGGAGGGAAAACCGAGGAGCAGGAGCCGAAA GGGAAGAAAGCAACGAGGAGAACCAGGAAGGGAGAAGGAAAAAGGAAAGG ACAAGGGGGGAAAAAGAGGAAAGGGGGGGGAGGAACGGAAAAAAAAGGTT GAGAGAAGGGGGACACAGCAAAAAAGGAGAAAAGAAGGAAGGGAGAAAGG G G G ACAAACCGGGAAAGACCGAGAGGACAAAAAAGAGGCCCCCCGGGGGG G G G GAGGAAACCGGAGGGAAAAGAAAACGAGGGAAAAGAAGGAACCAAAA G G G AAA G GAGAAGGAAGACCAAGGCCAAAGGAAGGAGGAGCAAAGGAGAG AAGGAAAAAAGGACGAAAGGGAAAGAGAAGAACCGGGGGGGAGGGAGGCA AAAGACCCAGAAAAGGAAAAGGGACACAAAACGGGGCCAGGAAGAGAAGG AA $\operatorname{l}$ GAGGAGGGGAGCAACAAGGGGGGAAAAGGGGGAAGCCAGGGAAGAC CGGAGCCGAAGACAACCAAAGGGGGGGAGCAGAGGGGAAAAAAGGAAAAA AAA $\operatorname{l}$ GGGAAGGAAGGAAGGAAAAAAGGGGAACCAAGGGGGGAAGGGGGG G GAA G G G G G GAAAAAAGGAAAAAAGGGGAAAAAAGGAAGGAAAAGGGGAA AAAAGGGGAAGGGGGGGGGGGGGGAAGGGGAAAAAAAAGGCCGGAGAAA AGAGGAAAAAGGGGAGAGGGGCCGGGGGAAACCGGAGGGAAGGCCGAAA GGAAGGAAAGAAAGGGGAAGGAAAGAGAGAAGAGAGAGGGAAGGAACCG G G GCAAAAGGGAAAGAGGGAAAGAAGGGGGGACCCAAGGAAAACCGGGGA AAAAAGGAAGGAAAAAAGGCCAAAAGGAAAAAAGGGGAAAAAAGGGGGGG GGGGGAAGGAAAAGGCCAAAAGGGGGGAAAAAAGGAAAAGGAAGGAAAAA AGGGGCCGGCCGGGGAAAAAAAAGGGGAACCGGGGAAGGGGCCAAAAGG AAAAAAGGTTGGGGCCAAAACCGGAAAAAAGGAAGGGGGGGGGGAAAACC G G G GAAAAGGAACCAAGGAAGGAAAAAAGGAAGGAAAAGGGGGGAAAAAA AA G GAAAAAAGGAAAAAAGGGGGGAAGGGGGGCCGGGGGGGGGGGGAAG GGGAACCAAGGAAAAGGTTCCAAGGAAAAAAAACCGGGGAAGGGGAAGGG GAAAAAAGGGGAAGGAAAAAAAAGGCCAAGGGACCGGGGGGAAAAAAAAA AGGAAAAGGAAGGAAGGGGGGGGGGAAAAAACCGGAACCGGGGAAGGCC G G G GAAAAAAAAGGGGGGGGACAGAAGGCAAAGAAGAGAAAAAAAAAAGG GGGAGGAAAAAAAAGAGGAGGGAAGGGGGGAAGGGGAAGGCAAAAACAA G G G G G A A A C CCGGGAGACAGAGAGGGGGGGGGGGGGAACGAGAAACCAA GGAAAAGGAGCAAGCCAAAAGACCGGCAAGAAAGAGGGAGAGGGAAGGAG GGGGGGAAAAGGGGGAGGACCCAGGGGAGGAAAGCACAAGCAACGATTG GAAGGAAAAAAAAGGCCGGGGAAGGGGAAGAAGAGAAAAAAGAGGGGAAG GAAAAGGAGAGGAAGAGCCAGAGAAAAGACCGGAAAAGGGGGGGGGAGAA

AAAAGAAGGAAGGGGAAACACGAAGAGGGGACAGGGGGGAAAAAAGGGG GGGGAAGGCCAGGAGAGGCAGGAGGGGGGAGAATAGGGAGAGGGATAGC CAAAAGAGAGACAAAGGGGGAGAGAAAAAAACCGACAAGAAAAGGGGGGA AGGGAGGAAGAAGGAGGGGAAAACAGGGAAAAAGGAGGGGGAAGGAAGG GGGAAAAGAAGACCGGGGAAGGGGAGCAGAGAGGGGAAGGGAAGACGAA AGAGAGAAGCCAGGAAAGGGGAACAAAGGCCAAGGAACCAAAAAGCCGGG GGGCCAAGGGGAGAAGGCGCAAAGAAGGAAAAGGGGGGGCCAGGGGAAG ACGAGAGGAGACGGAGAGCCGGAAGGGAAGGGAAGGAAGGAGGGGAGGA AAAGGAACAAAAGAAAGAGAGAGGGGGGGGGAAAAGGAAGGAAGGAAAAG AACGAGAAGAGGGGGAGAAGGAAGGAAAGCCAAGAAAAGGGAGGGACGAG GGAGAAACCAAAAAGAAAAGGAACAACAGGGAAGGAAAAAAGGAAAAGGA AAAGGGGGGAACCGGAAAAGGGGAAAAAAGGCCAAGGAAGGGGAAAAAAC CGGGGGGAAAAGGGGGGGGAAGGAAGGGGAAAAAAAAGGAAAAAAAAGG GGGAGGAGGGGGAAAAAAGGGGGAAGGGGGGAAGGAAGAAGGAAGACCA AGGACAACCGAAGAAGGCCAAGGAGGGGGGGAGGGCAGGGGGGAAGGAG GGGCGGGAAAGGGAAACCGAAGGGGGGGGGCCAGGGGGAGGAGGGGGGA GAAGAGGAGAAGAGAAAAAGGAGAAAGAGCCGGAAGGGGGGAAAACCGGG GGGAAAAGGGGAAGGGGGGAAGGAAGGAACCGGGGAAGGAGGAGAAGAC AAAACCCCAAGAGAGGGGAGGGAAAGAGGAAAGGAAAAAGAGGAAGCACA CAACACGGAAGGAAAGAGGGCCCAAAAAGAGGGGAAGAAACCACCCGGAG AGACGGGAAAGGGGAAAACCAAGAGGGGGGGGAGAGGAAGCCCCGGCAA GAACCAGGGGGAGGGAGGAGGAGGGGGAGCAGGAAAAGGGGAGGAAGCC AGGGGGAAAAAGAGGAAAGGGGGGGGGAGGAGAAGGGGAGGGAAGAAAG GAGAAGGAAAAAGGAGGAACCTTAGGGAAAAACACAGAAAACAACGACAA GAGAAAGAAGGGGGGGAGGGAGGAGGACAAAAAGGGGATTTGGGGGGGG GCAAGGGGAGCCAAGAAACCGGAAGGGGGGGGCCGAGGAAGGGGAAAAA AAAAAGGGAACAGGAAAAGGACCAGACGGGAAGGAGAAGCCAGGAAGCAG GAACCAAACAAGGAAAAGGAGGGAACAAGATGGAACCAAGGGAGAGAGGC CACGAGGGAAAAAAACCGGGGGGGGAAGGGGGGGAGGAACAGACCAAAAA AAAAGAGGGAAAAGGAAGAGAAAGAAAGGAGACAAGAAGGAGAAACCGGG AAGGGAGCCAAGGAAGAAATTGGAGCCAAGGGGAAAAAACCGGCAGGGAA GCAAAAAAAAAAGCAGACAAAAAAGAGGGAGAAAGGGATTAAAAAAGAGA CGGAAAGAGAGCATTAACCGGAAGGAGAGAGCAAAAAGGAAGGGAACGAA GACAAGGACGAAGGAAAGGGCAAGGGGAAGGGACCAAAGGGAAGGAAGAA GAAGGAGAAGGAAGGGGAAAAGAACAGGAAAAGGGCCGGGGAAGGGGAA AAGAAAGGAAGGGGCCCCGGAAGGAAGGAACCGGAAAAAAAAGGAAAAAA GGAAAAAAAAAAAAAAAAAAAAAAAAAAGGGGGGGGAAAAGGGGAACCGG AA GGAAAAAAGGAAAACCAAGGGGAAGGGAAGAAAAAAGGAAGGAAAGGG AAGGAACCGGAAAACCGAGGGGGCAAAAGGGGAAAAGGAAGGGGAAGGGA GGAGAAAGGGGCGAGGAAGAAAGAGGGAAGAACCGGGGGGGGAAAAAAG GAAGGAAAAGGGAGGAGAAGGGGAAAAGGGGAAAAGGGGGGAACCAACCA GGGACAGCAGCGACCGGGGAAGAGGGGGGACGAAGGGAAAAGGGGAGCC CCAAAAGGAAGAACGGGAAAGAAGGGGGGGCCAAGGGAAGAAGGAAAAGG GAGAGGAGACCCAAAAAGGGAGGGAAACAACAGAGAAAGAGAGGAAGAAA AAAAAGCCAGAGAGAGAAGGGACAAAGAAGAGGGGAACGGCCGAGGAAAG GGGGAGGAGCACGCAGAAGCAGAGGGAGGAAGAGACCACAGGCCAAGGAA AAAAGGGGGAAGGGAAGGAAGAGGCAAAAACCAAAACCTAGGGGAAAAGA CAGGAAGAGGGGGGAAGGGACCAAGGGGGGCCAAAACCAAGGCCGGAGG GAAAAGGAAACAAGGACGAGGAAGGGGAGGAACGGAAGGGAGGAAGGGG GGGGAGCCGGGGGGACAAAAAGAGGGCGGAAAAAAGAAAAATAAAGGGAA GGCAAATTAAAAAAAACCAAAAAAAAGAAACCGACCAAAAAGGGGGAAAGA AAAGGAACCGGAGAGAAATGGAAGAGGACGCACAAAGGAAGTACAAAGGA ATTAAACAACCAAAAAAGAAGAGAAGGGGGACAAGAGAGCAAGAGCAGAA GGGAGGAAGGGACAGGAAGGGAGGAAAAAAGCCAGCAAAAGAGAAGGGG GGCCGGAACCGGGAGAGACCGAAGGGAAGAAGAAAAGAGACAAATAAAAA GAGGAAAAAAAACCAAAGAGAAAGAACAAAGACAAACAACCAGGCCGGGA AGGATTAAAAGGGAAAGAGGAAGAGAAGAAAAGGCCACGGGGAGAGGGCC GAAAGGGGGGAAGGCAGGGAAAAACCAGGGAGACACGAGGAACCGGAGG GAACCGGAGGCGAGGAAAAAAGAAGGGAGAGGGGGGAGGGGGAAACAAA CCAAACAGGGAAGAAGGATTGAAACAAAAGAGCCGGGGAGCCCCGGGGGG GGAAAAAAAGAAAAAGGAGGGAAACAGGGAGAAAACGGAAAAGGAAAGGA

GAGGAAGGGGGGGAAGGGCCAGAAAGGAGAGGAGGAAGAAAAAGACAAG GAAAGAAGGGGAAAAAAAGGAAGAGGAACGAAAAGGAAGGAGGGGGGGG GGGACAAAAAGGAGAAAACCGGGGAGCCAGGGGGAGAAAACAAGGGAAGG CGGAGGAAAGGGAAACAACCAGGGAAGGAAGGAAGGACGAGGAAGGGACC AAAGATAAGGGGAAGAAAAAAGCCGGGGAGAAGAGAGACGCACCGGGGCC GGGGGGAAAGGAGAGGGACCGGGGAACAAAAGAAAAGAAACAGAAGGAAG GGCACAAAAGAACCAGTAACGGGGAAAAGGACGAAAGGGGAAAAAGCCGG AAGGGACCCAGGAACCAGAAAGAGGGGGAAGAAACCGAGGGGGAAAAAGA GGTAGGGGAAGAAAGCAAAGAGGACAGACCGGGGAGAAGGGGGGAACCG ACCAGAGGAGGGGGGGAGAAACCACGAGGAAGGAAGGAAAGAGAGGGGA GGAAAGGAGGAGCCCAAGGAGGGGAGGGCCGAGGGGAAAGCCAAAAGGA AAACCAAAACCGGGGGGAAAACCAAGAGAACACGGAACCAAGGGAGGGGC CGAGAGAAGGAGAAGAGAGCCGGAAAAAGAAAAAGCCGGCCGGGAGGGGA GAAGGCAGAAAGGGAAAGAGGGGAAAAGGAAGGGGAGAAAAAACAGAGAG AAGGAAAGAGAGAGAAAGACCGGGGGGGGAAAAAAAAGGAAGGCAGAGGA GCGCAGGCCAGAAAGAAGGAGGGCCCCGGGAAAGGGGAACCGGAAAGCCA AGGGAACAGAGAAAGGGAAGAAAGGAAGGAAAAAGAAGACCAAGGGACCA GAAAGCCCCGGGACCGAGGAAAAAGACAGCCAAGGGAGGGGCCGGAAAAG GGAAGCCGAGGAAAGAAAACAGGAGGGGGAAGACAAACAGAAAGGAAAAG GCAGGAAAAGGAAGGGGCCAAGGGGCCGAGGAAAAGGAACACCACATCCA CCCAAAAAAAAAGCAGAGGAAGGAGACAAGGAGCAGGGAAAGGGGGGCCA AGGGGGGAAGGCCGAGGAAAGCAGAAGAAGGGGCCAAAAAAAAGGAAAAA AGGAAGATTAAAGGGGGAAGAGAGGAGAAGGAAAAAGGAAAAAGGGGCCA AGAGGAACCAGGGAAAAGGGAAAGGGGAGGAGAAAAAAAAGAAAAGGAGG GACGGGGGGAAGGGGACAGGGAAAGAAGGAACCGACCAAGGGGGGCAAG GAAGGGAAAAGGAAAGCCAGGGGGACCAAGAAGGGAGGAGCAAGGCAGAA AGAGAGAACCGGAGAGAAGGAACCAAAAAGACAGAGGGAAGGAGGGGGGG CAAGTTAGAAAAAAAAGAGGAAGAAGAGGAACAGGGGGAACAGAGGGGGG CCGGGGAAGGAGACGGAGGAAAGACAAAGGAGAGAAGGTAAAGAAGAAAA GAAAAAACGGAGGAGAGAAGGGAAAAGGAAGGGAAGAAGAGGGGCCAAGG GGGGAAGGGAAAAGAAGGCAGACGAAGGGGGGGGGAGGGGCCAAAAAAG GAAAAAAAAAAGGGGGACACAAAAGAGGAGGGGGGCGGGGGGGAGGGGG GGGGAAAACAGAGGAACCAAGGGGGAGCAGAGAGGCGGAAAAAAGGAAGG AAAGCCGAGGGAGATTAAAACCCCGGGGAGGGAAGGACACGAGAAACCAA GGATAGGAGAGAGGGAAAAGGGAGAAGGGACCAAGGGGAAGGGGGGGGG AGGTTCAGGCGGGAAAAAAAGGGACAGAGGGGAGGAGGGGGAGCCAAAA GAGGCGAGGGGAAGAGGGAGGGGAGAGACAGAAACAAAGGGGAGGAAGG GGGAGAGGAGGAGTTCCGGGGAAGGAAGGAAGAAGCAAGAGAGGGAGAA CCAGAACCAGCAAAAAGGGAAAGGGAGGCCCCGGGGGAACCCAACCTTCC AACCGGGGGAGAGAAAAGGGGGGGAAAAAAAAAAGGGGGGGGCCGAAAAA GGGAAAACAAAAAGGGAAAACAAAAAAGAAAAGAAAAGAGGGGGAAAAAA ACAGACAAATGAAAGACAGCAAGAGGCGGGGAAGGAGAAAAACCAAACGA AACCAAAAGAACGGAACACCAAAAGGGGAGAACACAAAGGAAAAAAGAGG AGAAGAGAGGAAGGAAAAGGAAAAGGGGACACGGAAGAAGGGCCAAAGGG AAGGGGGGGAAGAGGGCCGGAAAAGAGGGGAGAGGAAGAAAGAGACCAA AGGGGAAACAAAGGGAAGGGGCCGAGGAAGGAAAAACGGAAGGAAAAGGA GGAAAAGGGAAAAGGCCGGGGGAAAGACCGGAAGAAGAGAAAAGGGGAAG ATTCCGGAAGAAGAATTGAGAGGAACCCCGGAAGAGGGAAAGGAGAGCCG GGGAAGGAAAAAAAAGGGGCCAAGGGGCCGAGACAGAAAGGAGGAAACCA GAAGGACGGCCGGGAAAGGCCGAAAACAAAAAAAAGAAAAGGACCAACCG GCCAACCACACGGCAGGACGAGGGGAGAGGAGAACCCGACAGGGGGGCCG AAACAGGGGGAAGAGGCAACGAGATAGAGAGCCAAGGAGGGGGGGGGCC GGAAGAAGAGAAAGCAAGGGAGGGACAGCCGGGAAAAAGGGAGGAAAGG GTTAGAAAAGGAAGGAGAGCCGGGGAAGGGGGGGGGGGGAGGGAGCCCC GAAGGAAGGGAAAAAACCAAGGACGGAAAAGGGAGAAAGGGGGAACAAAG AAGAGGGGACAGGGAGAGGGGGGGAGGAAGGAGGAACCGGAGCCAAAGA AAAAAAAAAGGCAAAGGCAGAAAGGGCGGAGGGAAAAGGAGAGAGAAGGG GGGACGGAAGGACACAGCCCCGGGGAGCCGGGGCAGGCAGAACAAGAGAG GGGAAGGACGGAAAGGGGGGGAAAAAGAGAACCGGAGACGGAAGGAGGA GGACAGAGAAAACCAAGGCCCCAAAAAAGGAAAAGGCCAGGGAGGAGACC GGAAAGGGGAGAAGCCGGAAGAAAGGAAAGAGCCGGGAGAGGAACAAGAG

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G G A A G G G A A G G G G GAGGGGGAAAGGGAAAAAGAAGGAAAAAGAGAGGGG AAAAGAAGGAAAAAGGGGAAAGGAAACAAGGAAGAAAACAAGGAAGGCAG A G G G G G G ACAGAGGGAAAGGGGAAACCAAAAAGGAGAGGAGAAGGGGAA GGTAACGGAGGGGGAAAGGGGAAGAAGGCAGAGGGAAGGAAAGGAACCC C G G G G G A G G A G G GCAGGAGAGGAGGAGAACACCGGAACCGGGGCCGGCC AGACGAGACCGGAGGGAAAAGGCCGAAGAGAGGGAAAAAGAAACAGGGAG CAGACCAGGGGGACAAAAAAGAAAAAAAAACAGAGGAGGGGAGGCCGGAA GGGGAAGGAAGGGGAAGGGAAGAAGGGGCCAAAAAAGGGGGGGGGAAAC CAA G G G G G G G G A A G G G G A A G G G GAGACGGGGAAGGGGGGGGGGAGCCGG GGAACAGGAACAGAAAAAGGCGAGAGAGAAAAAGACAGGAGAAACCACGG CCGGGGGGGGCCAGAAAAGGGGGGGGGAGGGAAGAGGGAGGGGGGGGGG GAAGGAAAAGGGAAGGGACAAGAGATAGAGGAGAGAAAGAGAGGGGGGG AAAAAAAAGGAAAAAGAAAAAAAGGGGGAGAAAGGAGGAGGAAGAAAGGA AGGAAGGAGAACAGAAGGGGAACCGGAAGGCCCAGAGGGGACGGACGGG GGGAAAAGGCCGGGGAAGGAACCGGGGAAGGAAAAAAGACAAGAAAAGGA AAAAAGAGGAAGAAGAGGAAACCAAAAGGGGGACACCAAACAAAAGAGAG GAGGAAGAAAGAGCCAAGGGGGGGAAAAAGAACAAGGAAAACCAAAAGGC CATGGAATTCCAAAAGGGGAACGAAGGAAGGCAAGAGGAGAGGAAAAAGT TGGAAGGAAGAGGGGAGAACCAAAGGGGAGGGGAGAGGAAGCCGGCCCC GGAGAGAAAGAAGGGGGGAGGAAAAGAAAACCACAGGGAAGGAGGGAGG GAACAAAAGAGGGGGAGCCGCAAAAAAGGAAGAGAGGAAGGCCAAGGAAC CCCACAAGGCAAGAAGGCCCCAAGAGGGAGAAACCGGAAGGGGGGAAAAA ACCGGCCCCAAAGGGGAAAAAGGGAGAGGGGGGGAGGGAGAGGGATTAA AAAAGGGGCCAGGAAAAAGGGGCCAGAAAACCCCAGGGTAAGACCCAACC AGGAGGAGAGGAAACCCCGGTTTTGGAAAAAGGGAAGGGGGGAAGGGGCA AACCGGAAAACCGGAAAAACGAAGAGAAGGGAAAAACCGGAACCCAAAAA AAAAGGGGAAGGAGAGCAAGGGAGCCAAAAGGAAACGGAAGAGAGAGGAA AACGCAGAAAGGGGAAGGGGGGAAAAACGGAAGAAAAAGGGAGACCAAGG GGCCAATAAAGGGGGGCCAAAGAGGAAGAGGGAAAAAGTAGGGGAGAGAA GAGAGGGAGGGAAGGAGGAAGGGGGGGGGGAGAAGGGGAAAGAGAAAAA AGAAAACAGGGGGGGGAAGAACCCCAGGAGGAAAAGGGGGGGGGGGGAA AAGAGGAACAAAAGGGGACCGGAGGGCAAAAAAAAGAAAGAACCAAAAGG G G G G G G G GA GAAGAGGAGGAACAAAAGGAAGGCCGAGAAGGAACGAACAA
 A G G G GAA $\operatorname{A} A \operatorname{A} A A A A C G G G G G G A G G G G G A C A G A A G G A G A G A A G G T T G A C C ~$ A G G G A A G G G G A A A G G G CAGAGAAAAAAA AAGGGGGGAAAAGGGGGGGAC CGGCCGAAGGAGGGGAAAAAAGGCAAAAAAGGGGCAAGAAAAGAGAAAAA AGGAAAAGGAAGGAAGAGAGAAGAAAAGGAGAGAAGGAAGGAAGGGGGG AA $\operatorname{G} \operatorname{GGAAAGGAGGAAGGGGGAGAGAAGGAAGACCCCAAGACCGGAAGGCC}$ CCAGAAGAAACCAAGGGAAAAAGGGGGGACAAAAGGGGAGGAGGACAAAA AAAACCAGCACCGGAAGGAGGACCAAACGGGGAAGGACAGAAAAGGAAAA G G GA G G C C CA G GAGGGGGGAGGAGAGGGAAGGAAAGAAAGGGAGGGGGA
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G G G GAAGGAAAAGGAAGGCCGGAACCAAGGAAAAGGAACCAACCAAGGAA AA $\operatorname{G}$ GAA $\ln$ GGGAAGGGGGGGGGGAAAAAAAACCCCGGGGGGCCGGCCAAG GCCGGAAAAAAGGCCAAGGAAGGGGGGGGAAAAAAGGAAGGAAAAGGGGA A G G G G G G AA G G G G G GAAAAGGAAGGAAAATTAAAAAAAAAACCAAAAGGG GAAAACCAAGGCCGGGGAAAACCGGGGGGGAAAGGGGCCATAACCAAAAC CAA $\operatorname{l}$ GA $\operatorname{G}$ GAAGGGGGGGGGAGAGGAAAGGAGGAGAAGAAGGGAGGGGGG CCGGAAACGAAGAGGAGAGGAGAGAAGGAGAGGAAAGAGGGCGGAAGGA AAAAAAAAGGAAACAAGCCCAAAGAAAAAACCCCCGGAAAAGGAAGGAAC CGGGGAACCAAAAAAAAAAGGGGAAGGAAAAGGAAGGCCGGCCGGGGAAA AAAGGGGGGAAGGAAAAAAGGGGGGAAGGAAGGAAGGAAAAGGGGAAAA AACCAAGGTTGGAAAAAAGGAACCAAAAAAGGGGGGGGGGGGGGAAGGAA
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 A G G G G A A A A G G A AAA $\operatorname{lng} \operatorname{GGGGAAGGAAGGAAGGAAGGAAAAAAGGGGGG}$ AA G GCCAAAAAAGGGGCCAAGGGGAAGGGGGGGGAAAAAAAAAAGGGGAA GGGGAAGGGGGGCCAAGGCCGGGGGGGGAAGGAAAAAAAAGGAACCGGC CAAAAAAAAGGAAGGAAGGGGGGAAAAAAGGGGAAGGGGAAAAGGGGAAA ACCGGAACCAAGGCCGGAAAAGGCCAAGGGGGGGGAAGGGGGGAAGGAA AAAAGGCCGGAAGGGGGGGGGGAAGGTTGGGGGGGGGGGGAAAACCCCA A G G A A A A A ACCGGAAGGGGGGGGAAAAAAAAGGGGAAGGGGGGGGAAAA GGAAAAAAGGGGAAAAGGAAAACCGGGGAAAAAAAAGGGGCCGGGGAAAA

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G G A GAAAAAGAAAAAGGGGAAGGAAAAACAGGGGAAGGAAAAAGGGCCCC AAACAAAAAAAAAGAGGAACGGAGGGGGGGAGAGACCAAGGGGGGGAGAA GAAGAAGAGAAAGAGAGAAAAGAAGGACAAGGGGAAGGGGAAGGCCCCAA AACCAAGGCCGGCCGGGACAAAGGAAAGCAGAAGCAGACAGGGGAAGGCC AAAAGGGGCCAAAAACAAAAAAGAGAAAAAAGGAGACCAAGGCCAGAGCA A GTTAAGGAGGGAGGAGGAAAAAAGGAAAACCAAGGAAAACCCCCCGGGG GGGGGGGGCCGAGACCAAGGGAAAGGGGGGAAAAGGGGTTGGGGAGGAA AAAGAAAACAAGAACAGCAGAAAAGGGGGAGAGAAAGGACAACGGAGCAA AACGGGGGAGGGGACCCCCGGAAAAAAGAGAACAAAAGAAACCAGAAGAG GAGAAGGGGGAAACCAGGGGGGGGGGGACTAAAGGGGGGGGGGCCAAGG GGAAAAGAAGGGAAGAAGAGGGGGACGGCAGGGGGGGGGGAAGGGGAAG GGGGGAAAAGGGAGGCCCCAGGAGGGGAAGGGGGGCCGGCCAAAAACGG AAGGGAAAGGAACCAAGGAAAAAAAAGGGGGGAAAAAAGGAAGGCCGGAA GGAAAAAACCGGAAAAGGCCTTAAGGAACCGGGGTTAAAACCGGGGGGGG AAAAAAAAAAAAAAAAAAAAAACCGGGGAAAACCAAAAGGGGGGAAAAGG AA $\operatorname{G} G \mathrm{G}$ GAAAAAAGGGGGGGGGGGGGGAAAAAAGGTTAGAGAGGAGGCGG GAGAAGAGGAAAGAACCGGGGAAAACCGAGGAAAGCCACAAACGGAGAAG AAAGGCAGGTAGGATCCAAACACAAAACGAACCCCGGGAAGGACCGGAAA
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A GAGAGGGAAGGGGCCGGAAGGGGAAGAAAGGAAAGACAAGGGACCGGA AGGGAGGGGGGAAAAAACCGGGGAAGGAGAGGAAGGGGGAAGGAAGGAA AAGGAACCAAAAGGGGAAGGAAAAGGAAGAGAGAAAGGGGAAAAGGGGGG GAAAGAGAAAGGGGAGTTGAAGAGAGGGGAGGAAGGAAGGAGGAGGAAA AGGAGAACAGGAAAAGGCCAGAGCAAAGAAGCCCCGGAAGAAACAAAAGC AAAGAAAGAAGAAGGAGAAAAGAGGGGGGGGAAAGAAACAGAGGACAAAG G G G G G G G A A G G G G AA G G G GAAAAGGAAAGAAAAAATTAGAGCCACCAAGG GACGGGGCAGGACAGGGGAACAAAAAAAGGGGGAAGGGAGCGACCAGAAA AAAGAAAAAAAAAAAAGGGCACCAAACGAGGGAAGAAGGCCAAAAGGAGG GGATAAAGGGGAAGGGGAAGAAGGGGAAAAAAGGGCCGGAGAAAAAAAGA GAAGGAGAGCACAGAAGAGGGAGGGAAAGGGGGAAAACCCCGAGGGGAAA ACCGGCCCCGGAAGAAAAAAAAAAAAAGGAAGGGGGGAAGGAAAGGGAAA ACCCGAAGGAGAAGGAAAGAGAGAAGGAACCGAAGGGAAGGGGGGGGGG GGAGAAGGACAGAGGGGGAAGGGAAGAACACAAAAAAAGGCCGGGAAAGA AATTGGGGAAAAGGGGGAGGAAAAGAGAAAGGCCGGCCAGGGACAAACAA CAAAAAAAGGAAAGGGAAGGAGGAGGAGGGAATTGGACCACAAAAGAAGA AAAAAAGGTTGGCCGGAAAAAAAAAAGGAATTCCGAGAAAGGAAGGAAGG A G GCAA G GCCCCAACCGGGGAGAAAAGGGGCCAAAGAAGGAGAAAAAACC AGCCAGAAGAAAAAGGAAAAAATTAAAGAGCAAGCCAAAAAAGGCCAAAG GAAGGGAAGGCCGGATGAAGAAGAAGCCGGGGGGGGGGGAGGGGACGAA AGAGGAAAAAAAGAGGAGAAAAAAAAAGAGAAAGAAGGGCCGGGAGGCAG ACCAGCAAGAGGGGGGGGGACAAAGTAAAGGCCAAGGGAAGAAGGAACCG GAAAAAACAAGAGAGGGAGAGCGAGGGCCCCGAAGGAAGACCCAAGGAGC AAAAAAAGAGGGAGGGAAGGGAAAGGAAAGGGGGGAAGGGAGAAAAAAAG GGAAAGGAGAAGGGGAAGAGGAAGGAGACGGCCGGGGCAAGAAGGGAAA AAAAAGGGAAAGAAGAAAGGCCAAAACCCCACGGCCACAGCCGAGGAAGG AA GACCAGGAGGAAAAAGAGGGAAGGAGAGAAGGAGGACCGGGAAGGGG AAAAACCGAAAAAGGAAGAGGAAAGGGGGGGGGAAGAAGGGAAAAAGGGG GCCAA G G G G G G A A G G G G GAGAGGAAGGGGAAGGGAAAGGGGGGGGGGGG AA G G G GAAAGGGGGAAAAAAGGAGGAGGCCGGAGGGAGGGAGCCAGGGG GCAAAAACCTTAAGGGGAACCGAGGGAGAGGAGAGAAGGAAGAAGAAGGA GGGCAAGGGGAGAGGAAAAGGAGATGAGGAAGAAGCAAGGGAGAGCCGG AA $\operatorname{A}$ GGAAAGGAGGGGAAGGGGAGGGGAGAACCGGAGGAGAGAGGAAGAG GAAAAGGGAGAGAAGGGAGGGGAAAAAGAGGCCGGGAGGGAGGAAGAGG AA $\operatorname{A} A \mathrm{~A}$ GGGAGGGAAGGACGGGGGGAGGGGAAAGGGGACGAGGAAGGAAG G GAGGGGAAATCCAAGAGGAGGAAGAACGGGAGAGAAAAGGAGAAGGAAG GAAAAAAGGGGGAAGACGAGGAAAAAAAAGAGAGGCCGGAAGAAAGGCAG AAAACGGGGAGGAGGAGCAAAGGAAAGAGAAAGAGAACCCCAAAGAAAGG GAGGGAGGGAGGGAAGGAGAAAAAAGGGGAAAACAGGGAAGAAGGAAGG AA G GAAAAGGAAGGTAAGACAGCCGAGGGGAAAAAGAAGGGGAAAGGAAG AAACAGAACCAGAAGGGGGGGGAAGGGATAAAGGACAAGAGGAAAGGAGG GGGGAAAACCTTAAGGAAAAAACCGGAAAAGAGAGGACACAGAGGGCAAG AACCAGACAAAAGGGAGAAGAGAGGGGGGAAAAGCAGGGAGAAAAGAGAA AAAGGAGGCAGGGAGGGGGGAGAAAAGACCCCGGCCACAAAACCAAGACC GAGAGGGGACAAAGACAAGGAAGGAGAGAGGGGAATAGGGGGGGGGGGA G G G G G G G AAACAAAAAAGACCAGGGGACCAGGGAAGGACAAAGGGAAAGG AAAGGAACCGAAAAAACAGGGATAACCAAGAGGGAGGAAGGGGGGCCGGA AGGAAGGGGACGAAAAATTCAGGAGGGGGAAAGAAGAAGGGAAGGGGGG G G G G G G A A A A G G G GAA G GAAGGCCGAGGCCAAGGCCAAAGCGGGAAGGG GAAGGGGGAAGGGAAAAAGGAGGAAAAACGGGGAAAGAATACAGAAAGGG G G G G G G G G GAA $\operatorname{l}$ GGAGAAGGGAGGAAGGGCCAACCGGGGCAGGAGAAGA GAAGAGGGAGAGGGGAGGACGGGGGGGGAAAAGGGGGGGGCCCCGGGGG GAGGGAGGGAAAGCCGGAGAAGGAAAAGAAGGAAGGGAACCAAAAGGAAA AGGCAAAAGAACCAAAGAGAAGAAGAAAACCGAGAAAGAGGGGCAGGCCA AGGAAAACAGAAGGACCGGGGACGGGGAAGGAACGGGACGAGGGGAAGG AA G G A A GAA GGGAGGAAACCACGGAAAAAAAGGAGGAGAGAAGAGGGGAA GGGGGAGAGGCCGGAAAAAGGGGGAAAGGAAGGGGGGGGGGAAAGAAAA GAAAGGGCCGGGGGAACAAAAAAAGAAGGAAGGAAGGCCGGAAAAAGGAG GCCCACCGAAAAAGAACGGCCCCGGAAGAGGAGGGCCGAGAAGGGGGGGG GAAAAGGAAAACCAAGGGGAAGAAGCAGGAGCAAAAGCCAAGGGGAAAAA AGGGGAACAAAAGAGAAGAGAAAGGATAAAAGGAAGAGGAGAAAGGGGGG

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AA G G G AAAAGGGGGAAGAAAGAAGGGGGGGGAAGGAAGGAAGGGGGGCC A GAAAGGGGACCGGAAGGGCCAGAGGGGACAGACAGGGAACAAAGGACAG AAAAGGAAACAGGGGGAGAAAAAAGGCAAGGAGGGGAACAGAGAAGGAGA A G G GAAAAACGGAAGGGGAAAAAAGAACGAGAAAGAGGGGAAGGAAAGGG AAAAAGGGGGGAAAAAAAACAAGGGAAAACGGGGGGCCATGGAATTCCAA GAAGAGGACGCAAGACGGCCGGAAAAAAGGGGAAGGTTAAAACGGAGGGG G GAGAACAAAGGAGGAGAGGAGGGAAGGGGAAAACCAAGGAAAAGGAAGG AAGGAGAAGAAGGAAAAACCAAGGGAGGAGGGAGGGAAAAAAAGAAAGAG AGCCGCAGAAAGGGAAGAAAGGAAGGCCGAGGACCCCACCAAGGAAAGAA GGCCCCGGAAAAAAGAAACGGGAAGGAGGGGAAGAACCAAGCCCAAGGGG AAGAGAGGGAGAAGGGGGGAGGGAGAGGGAATAGACGAGAAGAAGGAAA AAAGGAGCCGGAAAGCAAAGGGGTAAGACCCGAACAAGGGGGGAAGGAAC CCCGGTTTTAGAAGAAGGGAAGGCCGGAAGGGGAAAACCGGAAGACCGGG AGACCGAGGGGAAGGAAAAAAACGGAACCAAGAAAAAGACGGGAAAAAGA GAAAGAGGGCAAAAGGGCACCAAAAGAAAGAAGCAGACGCCGAGAAGAGA AAGGGGGGGAACCGGAAAAAAAGAGAAAACCAAAAAACCCCAAAAGGGGG GCCAAAGAGAAGGGGAGAAGGGGAAGGAGAGGGGAAAAAGGGAGGAAAG
 AA G GAAACACAGGAGGGAAAAAAAGGGGAAGGAAAAAAAGAACAGAGGGG AAACAGAGGGCCAAAGAAAGAAGGAAAAGAGGGGGGGGGGGGGGAAAAG GAGGAAAGAGAGGGGGGCGGAAAGGAAACAACCGAGAGAGGGGAAAGGG
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AGAGACGAGGGAGAGAGGAAGGGGACGAAGAGAGAAGACCGGAAAAAAGG AA $\operatorname{A}$ GAGAGGGGGGGGGGAGAGAGGGAAGGGAAGGTTGGAAGGAGAAAAA AAAAACCAGGAGGGGAAAAAGCAGAAAAGGGAGAACCGAAGGAAAAAGGG G GAAGCAAGGAGGAAAGAGACAAAAAGGGGGCCGGGGAGCAGGAAAAGG G GTTAAAAGGAAAAGGAGAGGGAGGGAGAGAAGAAGGGGGAAGGACAAAC GAGAGAGAAGAGCCAGCGAAAAGGGACAGGAATTGGGGGGGAGGCCGGA A G G GAGGGAAAAGAAGGACAAGGAAGAGGGGGGAAGGAAGGGGGAAGAA CCGAAGGAGGGGGGACAAAAGGAAGGGGAAAAGACCAAAAGAAGGAAGCC G G G G G A G G G GAAAAAAAAAAAAAAAAAACCGAAAGGGGGGAAAAGGAAGG AAGGAAAAAAAAGGAAAACCGGGGCCAGGAGGCCCCGGGGGGAAGGGGGA AAA G GAGGTAGGGGCCAAAAAAAAGGAAAAGGAAAAAAGGGGAAGGGGGG CCGGGGGGAAAACCAACCAAGGGGGGTTGGGGAAGGGGCCAAAAGGAAG G G GAA G G G G G G G G G G G G G GAAAAGGGGGGAAGGAAGGAAGGCCGGAAAA AAAA $A$ GGGTTGGGGGGGGAAGGGGAAAAGGGGAAAAAAACCGGGGGGGGA AAA的GGGGAAGGGGCCGGGGAAGGAAAAGGAACCAACCAAGGGGGGAA G G G G G G A A A A A A G GAAAA G G G G G G G GAAAAAA G G G GCCGGGGCCGGAGG GAAAAGGGGAAGGAAGGAAAAAAAAGGGGGGAAGGAACCAAAAAAAACCA ACCGGAAAAAAAAGGGGAAAAAAAAAAAAGGGGAAAAGGAAAAGGAAAAG AGGAAGGAAGGAAAAAAAAGGAGGAAGGGGAGGAAAAAAAGAAGGAGAGA G G A G G A A G G A GAAAAAAAAGGGACCCAGGGAGGAAGAGGGGAAAGGGATA AA GCCGGGGTTGAGGACCGTAGAGGAAGGAAGAAAAGAGAGGGGAGGGG G G A G A A G GAAGGAAAAAAAAGGGGGGGGAAAAGGAAGGAAAAGGGGAATT GGAAAGCCGGGGAAGGGGGGGGCAGAGGGGAGAAGAAAGGAAACGGAAG AA $\operatorname{l}$ GAGAGAGGGGAAAAACAACCGGGGGAGAAGGAAAGGAAAGAAGACCA GATGGGGGGAAAAAAAAGAGGAAGGAAGAGGGGGGAAGGGAAGCAGAGA GACCAACCGGACAAGGGAGGGACAAAAAGGAAGGCCGGCAGAAAGGAAGG GGAAAGGGAAAGTTCCAAGGTAAAAACAGGGAAAAGAGAGAAGAAAAAAG GAAGCCACAAGGAAACGGAAAAAAAGAGGGAAACGGGGAGGGGGAGGGG GAACAAGGGGGGGGGCCGAGGAAGGGGAAGAAAGAAAGGCCGAGGAAGA AGAGAGGACAGAAACCAACCAAGGGGGGCCCCGGAAGACACACCGGAGGG AAGAAGGAAACCAAGGGGAGGAGGATACGAGAGGACCCCAAGCAGGCCGG AGGGAACCAACCGGAAGGAAAGAAGGAACAGGAAGGGGGGGGAAGAGGAA GGAACCAGAAAGAAAGAAGAAAGAGGGGAGCAGAAGAAGGGGAAAAAAAA GGGAAAAGGGGGGGGGGAGGAAAACCGGCCGAAGAAAGGGGGGGCCGGC CATAAGGGGCAGGGAGAGAAGGAAGGACAGAGAGAAGAGGAGGAGAGGA AGACAACCCAGAACAAAAGGAGGGCCGGGGGGAACCGGAAAGGGAGGGGG G GCCGGGGAAAACCAAAACAAAAAAAGGACGGCCGGAAGGAAGACCGGTA AGCAGGAGAAAAGGGAAAAAAACAGAACAGGGGAGGGGGGCCAAAGGAAG G G GA G G A A A G G G G GCCAGAGAAGGACGAGGAAGGGGGGGGAAGAGGAAA GACAGCCGGCCAAAGAAGGGGAAAAGGGAAGGGCCGGAAAGCCGAGAAAG ACCAAAACAGGGACCACGGAAGGAAGGAAGGGGAAACGGGGGGCAACAGG GAGAGAGAGAAAAAGAGAGGGCAACGGGGAAAAGGAAAAAAGGCCAAAAA AAAGGAAGGAAAAGGGGGGGGCCTTGGGGAAAAGGGGGGGGAACCAAAA GGAACCAAGGGGCCAACCCCCCAAAAAACCGGGGAACCAAGGGGAAAAAA GGGGAGCGAGAGCCAGAGAGGGGACCCCAGAAGAGACCAAGAGGGGGGA AAAGGAAACAAAAAAAGAAAAAAAGGAGAGGAGGAAGGGAGAGGGAACCG GCAACGAGGAGGAAGAGGGGAAGAAGGGGCACCAGGGAAGGAAAGAGGC GAAGAGGACCGGAGAAGGGGAGAAGGAAGGGAGGAGGGGGGGGAGGAGC CAAGAAAAAAAAAAAAAGACCGGAGAAACACGGAAATAGGAGAGAAGGAA AAAAAAACAGAGGCGGAAGAAGAGGAACCAGGAGGAAGGGGGGGAGGGG GGAAGGAAAACCCGAGCAAGACGGGGAGGGGGAGCAAGGGCCAGAAGGG GAGAAGGAGAGGGAAAAAAGGCCGGAAAAAAAAGGCCAAAAAGAAGACCG G G G G G G GCGGGGGAGAGAAGGGGCCGGCCGGCACCGGGGGGCCAAAGAG G GAAGAGGAAAAGGGGAAGGAGAAGAAAAAAGACGAAGACGGGAGGAAAA A G GAA $\operatorname{l}$ G G GACAGGGGAGGGGGGGGGGGGGGGCCAAAAGGAACCATAAA ATTAGGAATAAAAGGAAAAAAGGGAGGGGAGGAGGGGGAGGAGAAAGAAC A G G G G G GCCGGAGGGAAAAGGGGGGCCCCCCGGAAGGAAAAGGAAGGAG GGACAAAGCAGGGGAAACGAGGAAGGACAGGGAAGAAGAAAAGGGCCAAG GAAAAAGAAAGGAGGGGACAAGAAAAAAAGGGGAGAGGCCAGAGCCGAGG GGAAGAAAGAGGGGAAAAAAGGGGAAGGAAAAGGAAAAAAGGGGGAGGCC GGCCAAGGCCGGAGCCAGAGAAGGAAGGAAGGAAGGAGAGCCGGGGAGA

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GAGACCGGGGGGAAGAAAGAGGTTAGAAGAAGGAGAGGACAAGGAAGAAG AGCCCCGGGAGAGGAAGGAGGGAAGGAACCAAAAAAGGAAAGGGAGGAAA GGGAGGAGAAAGAGAGCAGAGGGGGGAAAGAGAAGAAAGGAAAAGGGGA GAGAAAGAACCGGCCGGAAGGAGAGGGAGGGGGAGAAGGGGAGGGGGAA GGCCGGTTGGAAAAGAAAAAGGAAGGAAGGGGAAAAGGAAAAGGAAGACA CAAAAAAGAGAGGGAAAAAAAAGGAAAGGGGGAGGGCGAGAGCCAGCCGC GAGAAAAGGGAAAACAAGAGAGAAGAAAAAAAGGAGAACCGGGAAAGGGG AAGGAACCAAAAGGGAGAGAAAAAAAAAAAAAGGAAGGGAAAAGGGGGAG GGGGAAAGGGGGAAGGGGAGGGCCAAAAACGAAAAAGGAAGAAGAAAAGG AACCGAAACCAAAAAAGAACAAAGAACAGAAAGGAAGAAGGGAGAAGAGG GAAAGAAAGGGGGACCGGCCGAGGCCGGCCGGGAGGAAAGGGGAAAGAG GGAAGAGAACCAAAAGGAAAAAACCCAGAAAAGGGAAAAGGAGCCAAGAA AAAAAAAGGAAGGGGGGAAAAGGGAAAAGGGGGAACGGGAGACAAGAAAA AAGAGGGGGGGAACAGGAAGGGGAGGAAAGGGGAAAAGGAAAAGAGAAA GAAAAGAAAGGAGAGGGGGGAAGGAGGGACAGCCGGAAAAAAGAGGAACC AAAAAAGGGGGGAAGGGGGGCAGACCACGGGAAGGGGGGAGAAACCATAA GGCCAAGGGGGGACGAAGAAGAGAAAAAGGGAGGGGAAAAGGGGAAGGA AGAGGAGGAAGAAAAAAGGAAGGGGGGGGGGGGGAAGAGGGAATAGGGG AGGAAACCAAAGGGAACCAAAAAAACAGAGAAGAAAAAAAAAAGAAAAAA GGAGAACCAAAAAAGGCAAGAAGAAAAGGGAGAAGGAAAGAAGAGAGGAA GGCAGGGGAAGAGAGAGAAGAAAAAAAAAAGAAGAAAAAGGGGGGAATGA CCGACCGCCCAAAAAAAGGGGGGGAAAAAAAAGGGGGAAGAAGGCCCCGA AACCAAAAGGGGAAGGAAAAAGGGGAAGAGAGGGAGGGAAAAGGGAAAGA TACCGGGGCCGGAAAACCAAAAGGACCCGCGACCGGGGAAAAAAAAGGGG GGCCGAACAAAGAAGGGAGAAGGAGGAAAGACAGGAGGAGGAGCAGAGGA AAAGAAAAAAAGAAAAGGGAAGAAGGGGAGAGGAGAGAAGGAGAAGACCC AAAGAAAAGGAAGGGGGGGGGGAGACAAAAAAGGAGCGAACAGGAACCGA AGGGAGGGAAAAAAGGAAGAAAGAAAAAGAAAGAGGAAAAGGAAAAAAGA AAAAGGAAGGGGAGGAGGAAGGAAAAGAGGCCAAAGGAGGGAGAGGAAG GGGGGGGGGGGAAGGGGAAAAGGGGGGAAAAAAGGGGAGGCAGAAGGAA AAAAAAGGGAGAGAAGGACAAGGGAGGAGAGGGGGGGGGGAGGAGAATG AAGACGAAGAGAGGGGGGACCAAAAGGAAGCAGGGACGGCCGAAGAGAGG GGGGAAAAAAGAGCCAACCCCAGGAAGGGAAGGAAAAGAAACCGAAGGGA GGAAAATGGAAGGGAAGAGGGAAGGGGGAGGGGAGACCAGAAGAAAAGG AGGGGGGAGGGGGGGGGGAGAAAGAGCCGAGGGACAGGAAAAGGAGGAA GGAGGGAGGAAGGGGAGGGACAGCAAGGAAAGGAGGAAGAAGGGGAGAG ATAAGGGAGACCAAAACAGGGGAAAGGGGGAGGGGGAAAAAAAGGAAAAG AA GGAAAGAAACATAATTGGCAAGAAAAAAAAAAGGAAAAGGAAAGGGGG AAAAAAAAGGGGGGGGAAAACCAAAAAACCGGGGCCGGAACCGGGGTTAA AGGGCAAACCCAGACCAGGGGGAAAAAAAGCAGGAAAAAAGGGAGGAAAG AGAAGGCCCCAACCAAAAGGAAAGAAAAGGGAGGCAAAAAGGGAAGCAAA GGAGGATTAACCGGCCGGAACCGGAAGAAAAGGGCAGGAGAAGGAAGGAC AGAGGGAAAACCAGGCGGGGGGGGAAAAGGAAAAGGGGGGAAGGGAGAA AGGAGGGAAAGGAGGGGGGAAGGAAAGAAAAGGAAAAAGGGCCCCAAACA AGAAGAAAAGGAAGGAAAGGAAAAAAATAAGGAACGGAAAACCCCAAACG GGGAAAAAAAACAAGAAAACCGGGGAGAAGAAGGCGGACGGAAAACCGGG GGGAAAAGGGAAAAAGGGGAAAAGGAGGAGGAAGGGGAAGGAGAGGAAC AGGGAAAAAAGGAAGGCCGGAAGGAAGGGAAGGCGGAAGAAAGGAAAAAA AAAACCGGAGGGAAGGGGAAGAGAAAAGCCGGAAGGAAGGAAAGGGGGAA AACCGCAAGCGGAAGGGGGGGGAAGGGGGGGGACGGAAAAAAAAGGAGA GGAGGGAAAGAGAAGCAGGGAAGACAGAGAGCAGGAGGGAACCCCCAAAA GCAAAGGAACAAGAAGAGGAGGGGGAAGGAAAAGGAAGAAAAAAAAGAGA GGGGGGAAGAACCAAGGCAGGAGAAAAAAGGCCGGAAGGAAAAGACCAAG GAAAAAAAAGAGGAGTTAGAAAAAAAACAACAATACCAAGAGGAGGAGAC AGGGGAACCGAAGGGAAGGAAAATTCCCCAAGGGGGGAGAAAGAGGGAAC AGACAAAACGACCGGGGGACCAAGGGAAGAAGGGGGGAGGACCACAAAAA AGGAAAAATAGGGGGGGGGAAAAGGGAGGAAAAAACAGAAACCGAGGAAG GGGGGGGGACAGGGGGGAAAAAGAAGAAACCAAGGACAACAAAGGGGCCG GGGCCAAGGACAAGGAACCAAGGGGAAGGCAAAAAAAAAAAAGAAAAGGG AGGAGCCAAAAACCGAGGGAGAAGGGGACGGAGGGAGAAAATTAGGAGAA GGAAAGGGAAGAGAGAAGAGGGACCAAAAGGGAAAGGCCGAGGGGGAAA

G G G G G G G AAAAAAGAGACTTAAGAAAAAAGGAGAGGGAAAAAGAGAAGAA CCCCGAAACCCAAGAGGAGGAGGGGGAGCAGGGGGGAAGAGAAAAGAAGA GAACGGCAAGCGGAGGGGAGGGAACCAAAAGGGGCCGAGGCCAAAACCGG CCCCAAAAAAAGGAAGGGAACCGGATCCGGCCGAAGAGAGAAGAAGGGGA GAAGAGAAGAAACCGGGGGGGGGAGGAGAAGGGGAGCAGGGAAGAAAAA AAACGGGGAGAAGAAAAGGAAAGGGAAAGCAGGAAGGAGGAAAGGGAAAG AGAGAAGAGGGGACCGAAGAAAAAGAGCAAAAAAAGGAAGGGGAGGGCCC CGGAAGGGGAAACAAACAAGGGATTGGAAGAAGAGGGGAGAGAGGACAGA GAGAAAGGAAAGAGAAGGGGGAGGGGGGGGGACGAAGGGAGAAGGAGAC AGAAATAGAAGGGGAAAAAAGGGGAAGGAAAAGGAAGAAGACGAGGAGCC GAGGAACAGGGGGAAAAGGAAGACCCAAGGGGAAAAAACCAAAAGGAAAA G G G G G GAA G G G G G G A A A G A G G G G CAGGAGGCAAGGAAGGAAGAGGAGGG GCCAGAAAAACACAGAAAGGAGGGAAGGGAGAGGGGGAAAAGAAGGGAGG GGGGAGGGGAGCGGGAAGGAAAAGGAAGGAAGGAAAAAGAAAGAAAAGG CCGGGGGAGGAACCAGAAAGCAGGAAGGAAAGGGGGGGAACCGGGGGGC CAGAAGGAACAAAGAAGAGAAGAAGGGAAAAAAGAGAAAGAACACCCGGG G G GTTGGAAGGGGCAAGAGGAGGAGGGGGGGACGGGGGGCAGGGGGGGG AAAACCGGAAAACCAAAAAGGGAAAAAAAAGGAAGGAAAGCCGGAAAAAG G G G G G GAGAAGGGAGAAGGGCCCCAGGACAGGGAAGGAGAGGACCAGGA GAC G GAA G G G G G GAGGGAAGAGAGGGGAAAAAACCAAGGGGACGGAGGG GAAGCCAGAGAGGAACGGAATTAAAAGGGGGGCCGGAAGGAAGGGGGGG GAAAACCCCGAGGGAGGGAGGAGAGGGGAAACCAAGGGGACCCGGGAAAC CGGAAAGGGCCGGAGAAGAGGGGAAAACCACAGGGAGAGACAACCAGCAA A G G A G A A CCGGGGGGGGGGAGGGCACACGAGAAAAAAGGAAGGGGGGGA G G ACAAAAGGAAAAGGGAAGGAAGACCCAGGGAGAAGGGAGGAGGAGGCA AGAGAGGGGGGGAAAACCGGGGAGAGAAACAAACGGACAAGGAGAACCGG A GAGGGAAACGGAGGGACGGGGGGGGAAACGGGGCCGGAGGAGGAGGAA
 AA $\operatorname{A} A A A \operatorname{A} A G G G G G A A G G A C A G G G G G G G A G A A G A A C G G A A G A A C G A G A G ~$ AGACCAGAAGAGAGGGGGGAGAAAAAAGGAGAACCAAAAAGGGAGAAAAG AGGAGGGAGGGAGGGAGGGAGTTAGGGACGGGAAGAACCAAGGAGAGAA AAAAAGGGAAGGGGGGAAAAAAAAGAGGAGGGCAAGGGTAAAGGGGAGA G G GCCGAGGGGAGGGCCGGAAGGAGGGCAGGGAACCCGGGGGGAGAAAC A G AA G G A A A G G GAA G G G G G GAAA G GAGGGGAGTAGGAAGAGGCAAAAA A G G G G A A A G G G A G G G GAGGAAAA G GATGGAAAA G GAAAA G G G GCCGGGG A GAAAGGGAGAAGGACGAGCGGGGAGAAGAAAAGAGGGCCAAGGACGAAA AAAGAGAACAAAAAACGGGGGGGGCAAGAGAAAACAAAAAAGGGAAAGAC AAATCCAGAAAAGGGGAAAAGAAAAAGGGGAACGAAAACCGGAGAGGGGG CCCCAAGACCAAGAGGAAAGCCAGCAGGGAAAGGTTCCAAAGAAAGAAAA GAGAACGGAGAAAACCCCCCAAGCAAAGACGAGAGGACAAGGGGAGGGGG AGGGGGCCGCAAAAAAGGAGGGCCGGAAAAAAGGAAGGAAGAGGGGCCAA AGAGGGGGGAGGAAAAGAGAAACCAAGGGGAAAAAAGGAAGGCCGGAAAA GGGGGGAAAAAAAACCGAAACCAAAAACAACAAAAGGAGGGGGGAAGGGG AGAGAACCAAGAGGAAAAGAGAAACCAAGGAGAGAGCAAACGACGGAAAA G G GAGAGAAAGGACGGGGAAAAAAAAAAAACAAAGGAAGGGAGGGGAACC AGAAGGGGAGGGAAGGGACCGGAGCCAAAAAAAACCCCAACCCGAAAAAA AAGAAACCAAAGGGAAAAAAAACAGGGAAGAGCCCCCCAAGGGGGGGGGG AAAAGGAAAAAAGGGGGGGGGGAAAATTGGGGAACCAAAAAAGGAAAACC AAGGAAAAGGGGAATTAAAAAAGGAAAACCAAGGCCCCAAAAAAGGAAGG AAAAGGGGAAAAAACCGGGGCCTTAAAAAACCGGAAAAAAGGGGAAGGAA AA $\operatorname{A} G \mathrm{G}$ GAAGGGGCCGGAAGAGAAGGAAGAGAGAGAGGGGAAGCGGGAAG A GCAGAGACGGGACCAAAAACGAGGCCCCGGAAAACCAAGGAGAGGAGGG CGGGGGAAGAGAAAACAGGGGGGCCGGAGGGAAGAAGGGCCAAGGAGCC G G G G G G CAGGAAAAAAAAAAGGAAGGAAAAAACCGGAACAGGCAGGGAAA A GCGCAGGGAAAAAACGAAAAAAGGGAGAAGGAACCCCCCGGAAGAGGAA AA G G G GAA G GAAAAGGGGAAAAAACCAACCAAAACCGGAAGGCCGGGGCC AA G GAAGGCCGGAAGGAAAAAAAAGGCCGGAACCAAGGAAAACCGGGGGG CCGGAAAACCAAAAAAAAAAGGGGGGGGGGGGAAAAGGAAGGAAAAAGTT CCAAAAGGGGACAACCAGGAGGAAAAGAGGAAAAGAAGGGGAAAAGCCAA GAAAAGAAGAGAAACCCCAGACGGGGAAATAAAAAAAGCCAGAAGGAACC CAGGGGCCGAAAGGGAGACCAAAAGGCCGGGGAAAAAACCGGAAAAGGGG

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G G G GAGGAGCAAAGGAGAAGAAAGACCGGAGCCGGGGGGGGAAGGCAAG AGAGAAGGCCAAGGAAAAAAGGAAGGAGAGGGGGGGGAGGGGGGGGGGG GAATTAAGGAACCGGGAAGACAGAGACAAGGGGGAAGAGAGGAGAAGACG GGAAAGGCCGGAAGGAAAAAACCAAGGAACCAAAAGGGGAAGGAAGGGGG G G GCCGGCCGGAAGGGGGGAAAAAGCAGGAAAAAAAACCAGAGGGAAGGC
 AAAAGAGGAAGGGGAAGGGGAAAGAGGGAACAAGGGGGCCAAAGGAAAAA GAGGAACCGGAATTCCGAAAGGGGGAAAGGAAGGAAGGGAGGAAGGGAAA GGAAACCAGACAGGGGAAAGAAGCAAAGAAGGAGAGGGGGAAGGGGAGG GCCAAGGCAGGAAGAGGAAGAAGGGGGAAGAAAAGCCGAAAAACAATACG GGGAAAACAAGGGGACAGGAAAGGACCGATAGGAGAGAAAAAAGAAACCG AGGAAGGCAAGGAGGAGAAAGGAGGAGAGAAAAAAAAAGAGGAAGGGGAG AAAAAAGGGGGAGGAAAGAGGCCGAGGGGGAAAAAAGAAGAAAGGACGGG GGACGAAGGAAAAGGAGAGAGAGAAGGGGGGGAGGGGGGGGAAGAGGAA GAAGGGACGGACAAAGGAGGCCAACCGGAGAAGGGAGGGGAAGGGGAAC AAACAGGAGGAGGGGGGAGGGAGGGGGGGAGCCAGGGAAGAAGGGGGGG CCCCGGAGAGAGGAGGGAGAGAAGCAGACCGGGAAAACAGAGGCGGGGAA GA $\operatorname{G}$ G G G GAA $\operatorname{G}$ GAGGGGGAAAGGCCCCCCGGGGGGAAAAAAAAGGGGAAC CAGGACGAAAGGAGAGGAAAAGGCCAACAGGGGCAAAAAGGGGAAGGGGA AACAGAAAGGGAGGGGGCCGACAGAAGGAAGCCAAAAAAAAGGGGGAAGA GCCGGGGAA G G G G G G G GAGGGAGAGGGAAGGGGGGGGCCGGGGAAGGGG G G G G G G G G A G G A A A G G A G A G GAGGAAAGGAAAAGATAAAAAGGGAGGGG AAAGAAGGGAGGGGAGGCCGACCCCAAAAAAGGGGAACCGGGGAGGAGAA GAGAAACGGCGGAAGAAAAGAAAGAAAGGGACCGGAACAGGGAGAGGGAG G G A G G G G CCAGAAAGGAGGCAAAAAGAGAAGCAAGAAGGAAAAGGAAGGG GGAACAACAGGCCGAAAGGGGAGGGGGCACCGAAAAACAGGGGAGGGAAG ATAGGGGGGGGGGGGAAAGGGAAAAGGAAGGGGGGAAGGAGGAAAAAAA AAACAGAAGAAGAGAAGAACGGAAGAGAGAAAGGGAAGGCGGGGAGAGAG GAGAGAGGCAAAAAGAGGAAAACCAAGGAGGGGAGAGAAAAAAGACACGA AGAGGAAAGGAGCAGGCAAGAAGGGGAAGGGGAAGGAAGGGGAAAACAAT GAGGAAAAGGATGAGGGGACGGAGGGGCAGAAGAGGGGAAGGAGGGGGG AGAGAAGGAAAAAAAAAACGGAAGGGGAAGGGGGGGAAAGGAAAAAAAAA AGGCAAGGAAACCAAACGGAAACAAAGGGAGGGAGCCAAAAAAAAAAAGA GACAGGGGGAA GAAAGGAAAAGGAGGGAAGGAGAGGGGGAAGGTTACGG
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AACAGAGGGGGAGACACCGAACGGAAGAAGGAAGAGGAAGAAAAGGAGGG A GAACCGGGAGGAAGAAGACGGGGAAACGGAGAGGGACGAGGGGAGGAA GAGAGAGAAAGAAGAGGGGGGAAAAAACGCCAAACGGAGGAGGAGGGGG AA $\operatorname{A} A A A G G G A G G G A G A A A G G G G A G A G G G G G A A G G A G G G G C G G A A A A G G A$ A G G G GCCGGGGAGAGGGACGGCCGGGAGGGGACAAATGAAACCAAAGGA A GAA $\ln$ G $\ln$ ACAGAGAGGGGGGGCCAAAGAAAGGGGGGAGGAAGGAAAAA AA GACCCAGAGACGGAAGGGGAAAAAAGGCCGGAAAAAAAACGAGAAGGG GGCAAGGACAAAGGGGGCCAAGCGAAGAGAGGGGGAGAGGGAGGGCCGG GAAAGAAGGGAGAAGGAACCGAAAAGGGGGAAAACCGGAAGGAGAAAAAG TTGGAGGACCAAGGGGGGAAGAAACCGGGGCCACAAAAAACAAAGGGGGA CCGGAGAGAGGGAAACTTCAAAACCCAGAGAAGGAACAAGCCGGGAGAGG AAAGAAAAAAGAAAGGAAACAGGAGGGAGGGGGAGGGAGACCCCAAGAGG GGGCAGACAAAGACGAAAAGAAGGGGGGGAAACCGGACAAGACCGGGGGG GGCACACAAACCGGAGAAAGGAGGAAAGAGCGGGCAACGACCGGAGAAGA AGGAAAAAGGAAGGAAAAGGAGCCGGCACCGAAGAGGGGGGGGGGGAAA AGGAGGAACAACCAGAAGGGGAAAGAAAAGGAAAAGGTTGAAAAAGGAAA G GAGAGGAAAAAGAAAGGGGGAAGGCCGAGGGAGGGAGAGGAAAAAAAAC CAAGGCCAAAGAAGGGGGGGGAAAGAAGGAGGAAAAGAGAAAAAAAAAAA A G GCCGGGGGGGGAAGGAACCGGAAGGGGGGAAAAGGGGAAGGAACCAA AAAGGAAGGAAGCCAGGGGGCAGAACAGCACAAGGGGCACGGAAGGGAGA AACCGGGGGAAAAGGGAAGGAGAGAGGAGAAGGGGAAGGAGAGGAAAGA AAAAAGGGCGAAAGGAAAGCAAGAGGGAAAGAAGGAAGGGAAGGGAAAGG GCCGGAAGACAAAAGAAGAAAGGAAAAAAAAGGAGAGCCAAGAGGCCAGT ATTGCAGAAACAGGGGAAAGGAAGGAATTGGAGGGGGAGAGAAAGGGAGA AAAGGGGAGCCGGAAGAAAGGCCAAGGGGAAGGAGAAGGGGGGGGGGGG GGCGAAGAGAGGACGAAGAAAAGAAGAAGAGGGAGGGGACAGGAAGAAAA A G G GAGAGGGGAGAGAAGAGCCGGGGAAGAGAAGAGGGAAGGGGGGAGA C GAAAGGGGAAGGGGAAGGGGGGAAGGAAGGGAAGGGGGAAGGAAGGAA AGGAAAAGAAGGGGGGGACCCCGGAGGAGAGGGAAGACACAGAGAAAGAA AAGGAAGGACAAAAAGGAGGCAAGGAAAGAAAGAAGGGCCACAAGGACAG AA $\operatorname{A} G \mathrm{G} G \mathrm{GGGGGGAACCGGCAGAGAAGCCGGAAGGGAGGGGAACCGGGAG}$ AGAAGAAGAGAGGAACCAAGGACACGGCAACGAAAAAGGAAGGGAGAGAA G G A A G A G A A G G G G A A G G A A CAGGAAGGCCGGGAAAGGGGGAGGAGGAAA G G G GCAA GACGGAGGGGGGACCCCAAAAAGGGAGAAGGAAGACCGGCCG GACAGATGAAAAAAACCGGAAGAGAAAGGAAGGGGCCTTGGGGGGGGAAG G G G G G G G AAA GACGAGGCCGGAAGAGATTAAAAGAGGCAAGGAAGAGGAA AAAGACAGGGAGAGAGAAGAAACCCCCAAGACCAAAAGAAGAAAAGGAAA AAAAAGGGACCAGGGAAAAGGGGAAAAAAGAAAAAGAAGAACCCCCAGGC GGGGGAAAAGAGGGGAAAGAGGAACAGAAAACAGGGGGGCCAAGGAAGG CAAAACGAGAGGGGAGAAGGGGAAGAGGAAGAAAGGAAGGAAAAGAAAGG AAAAAGGAACAAAAAGAAAGCAGAAAGAAGGAGGACAGGGAAGGACGAGG AAAAAGAAGAAAGGGGGGGGCCAGACAGGAAGGAGAGACAAGAAAAAAGA AA G GAAGAGGAAACCCGGGGGGGATTGAAGCGCCAGAGAAAACCGGGGGA AA $\operatorname{A} G \mathrm{GGGGGGAGGGAGCCAGGGAAAAAAAAAAAGGGCGGGGAAAGAGGG}$ AGGGGCAGGGGGGAAGGAAAGAGACGGAAAGCCGAAAAAAATTAAAACCA AAAAACCAAGGAAGGAAAAGATAAAAGGGAAGGAGGGGGAGACGAGGAGA GGGAGACCAGGAACACCGAGAAGAGGAAAGCGGAGAGCCCAGGAAGGGGA AAAACGGAAAAAAAAAAGGGAAACCAGAGAGAGAAGGAAGGGGGGGAGAG GGAGGAGAAAACCAAAAAGAGGGAGCAAAGAGGGAAGAGGAAGAGGAGGA AGGGAAGAAGGAAAAAGGAAAGGGAGGGGAAGGGGACGGAGAAAAAGAAA AA $\operatorname{A} A G G A A A G A A C G G G G A A G A A G A G A A C C A A A A G G G G G G A T G G G G A A C C G$ AAAAACAAGGGGGAAAAGGAAGGCAAGGGAAGGGAAGAAGGAGACGAGGG GAAAATTGGGAGGGAAAAGGACAGGCAAAAAGAGGAAAGGGAGCAACAAA AAAGAAGACAACGCCGAGGGGAAGAAACCGGGGGGGGGGAAAAGGAAGAA AAAAGGGGGGGCCGGAAGGGGAAGGGGAAGGAAGGAACCGGAAGGAAGG AA G G G GAAGGAAAATTAAAAAGAAGAAGAAAGAAAAGGAAAAAAAAAAGG AAGATTAACCGGAGAGGACCCAGGGAAGGAAAAGGGAACACAGACCAAGG AACAAAGAAAGGAGGAAGGAAAGAAGCCAGGAAAGGAAGGGAGGAGGAAG GGAGAGGGAAGGAGGGAGAGAGAACCCCACGGCAGGAAAGGGAAAGAAG GGAGGAAGGAAAAGGGGGGGGAGCCGGAAGGCCAGGAGGAGAGAGGGAA GAAAACAAGGGGGAAGCCAAAAAAAGCCGGAAAAAAAGGAGACCAGTAAA

AGAAAAAAAACAGGAGAAGGGAAAACAGGAGAAACAAACCAAACATAGAG AAAGAAGGAACCAAGGAAGGGAGGAGAAAGGACAGGGACCAAGGGGCCAA AAAAAAGGGGCCAAAAGGAAAAAAAAGAAGGAAGAAAAAGGGAGAGCCGG GGGAAGGGCAACAAAGAAGGAGAAGAGAAAAAAAGGAAGAAGAAAAGGAA AAAGAAACGGGGAAAAGAACACAGAAGGAAAAAAAAAAGGGGGAACGGAC AAAAGGAGGGAAGGGGAAAGGAGAGGAAAGGGAGGGGGGAGAAGGGAAC CGGAAGGAGGAAGAGAGCAAAGGAGGAAAGAGGGGGGGGCAGGGGGGAA AACAGGCCAGGAGGGGATGGGGAAAAGAAGGGAGGGAAGGGAGGGAGAG AGAAGACAGAGGGAGAGGGGGGGAGGGAAACGGAAAAGGAAAGGGAAAA CAGGCAGAGAGAGAAAGAGAACCAAAAAGAAAAAGGGGGGGGGGGGGGGG GAGCCAGCGAGGGAAAGGAAACATAAAGGGGGGGGAAACGGAGGGGGCA GAACGAGAGAGGAACCAACAAGAAGGAGATAAAAAAAAAAGGGAGAGACA GACAAAAAAAGGAGGAAGAACCGGGACAAAGAAAGGAAGGAGAGAAGGGG AAAAAAGGAGGGAAAACCGAAGACGGGGGAGGAAGGGACCACACAGGGGG GAGCAAAAGGAAAAGAACAAAAAAAAGGGAAGATCCAGAGAACCCATAAG A G G G G G A G G G A A A A G G G GAGGGGAGGAGGGGGAAAAAAAA A GAGGGAGG AA GCCAGAGAGAGAGGGCAAGAACCGGGAGGAAAGGGAGACGAAAGGAAA AAAGACCACGGAGGAAGAAAAAAAGAAAAGGGAAAAGGACAGGAAGAGGA AA GAAACAGAAGGAGGAAGGGAGAGAAAGGGAAAGAAGGAAAAGGGGGAA GCCGGAAAAAGGGGGGGGAGGGGGGAAGGACAAAAAACCCCAAAAAAGGA GAGAAGGAAGGGGGGCCAAAGGGAGGAAAACCCGAGGGGAAGGGGAACC GGAGAAAAGGAAAAGGAGAAAAAAGGAGAAAGAACCGGAGGGCCACAAAC GCCCAAGGAAAAGGAAGGAAAAAAAAAAGGAAAGAGGGCCGAGAAACAGG GGGGCCACGGAGAAACAGGGGGGGAAAACCGAACAGGGAAGACAGGGGAA AAAAAAAAAAAGTTCAGAGGGGAAGGAGCCGAAGGGCCGGAGAGCCAGAG G G G A A G A A A A G G G G G G G G A A G A G G G G G GAA G G ACAGCCGAGGGGGGAA GAAAAAGGGGGAAAAGGAGAGGAAAGAAAAAAGAAGGAAAGGGGAAAGAG A GAGAGAGGGGGGGAAAGGGAGAGGAAGGAAAAGGGGGGGAAAGCGGGG AGGAAGGAGGAAACGAGAGGGGAAGAAGGGGGAACCAGCAGGAACCGGG GAAGGAAGGAGAGGCAAGGAAAGAGGAGGGGAAAAAAAGAACCGAAGGGG GGGCCGGGGGAACAAACCAGAGACAACGGAAGGGGAGCCACGGCAAGGAG GACAAGGAGAGGAAAGGAGGAGGGAAAGGGGAAAAAAGGAAGGAAGGGG AGACAAAGGGAAAGAGAGAAGGAAAGAGGGGGAAGAAACAGAAGGAAAAG AAAGAGAAGGCCAGACAGGGCCGAGAAAGGAAGAAAGGAAGAACGGGGGA GGGGCCAAAGGGAGGGGGAAAGGAGAAAGGAGGGCATTGGACACGGACA AAAGGGGGAAAGGAGGGGGAGGAGGAAACAGGGAGAAGGAAGGGAAAGG AAGAAAAGAGGGAACAAGGCAGGGGAAGGAGAAAGGGGGGCCCAAAAGGG GAACGAGAGGAAGGCCAAAGGAGAAGGAAGGGGGGGGGAAGAGGAGAAA AGGCAACGAGGGGGGGGGAAAAGGGCCACAAAAAAGGTTGGGGGGCCAA G G G GAAA $\operatorname{la} A A A A G G A G G G A G G C A C C A G G A A A A A G G C C A A G G A G A A G A G A$ A GAAAAGGGGAGAGGAAGATAGATGAGGAGGGAAGGGAAGGGGGGGGGG AGGGGTAGAAAAGAAAGGACCGGGGGAACGGGGAAGGAGGGGGGGGGAA GGAAAAAAAGGGAAGAGAGGAAGGAGAAGGGGGGAAAAAACCAAGGTTAA AAAACCAGAAGGAGAACAAAAACCAGGGGGACGAGGAGAGAGAAGGAGCC CACCCCAAGAGGGGGGCCCCAAAAGGGGCACAAACCAAGGGGAACCGGAG GAGAAGGGCCCCGGGACAGAAGGGAGCCCCGAAAAAAGGACCAGAGAAGA AAAGAGAGGAGAAAAGAGAACCAAAAAAGGAGGACCGGCCTAGGACGAAA GGGGGAAGAGAAGGGGACGAGGGGAGAAAAAGAAAAAGAGGAGGGAGAA AAAGGGGAAGGAAAAGGGGCCCCAAAAAAAAAAGAAAAAAACCGGGGGGA G G G G G A A A A A A G G G G G G G G G G AAAAGGGAAA GAAAGAAA GAA G G GCAGG AAAAAGGAAAGGGAAAGGACCCAAAGACAGGGCAGGCCAGAACAAAGGAA AGCAGGAGAAAACCAGAGGAGGCCAAAAGGGGCCAAACACCAAAAAGAAA AAACAGGAAACCAAGGCCAGAGAAAGTTAAGGAGGGGGAAGGAAAAAAAG GAAACCGAGGAAAACCCCCCGGGGGGGGGGGGCCAAAACCAAGGAAAAGG G G G GAAAAGGGGATGGGGGGAAAAAAGAAAACAAAACCGGAAGGAAAGGG GGAGAGAAAGGACAACGAGGAAGAACGAGGAAGGGGAACCCCAGAAAAAA GAGACCAAAAAAAAGCAGAAGAGGGGAAGGGGGACACCGGGGGGAGAGAG CCAAAGAGAGGAAGAGACAAGGGGAAAAGAAGAGAGGAGGAGGGGGACG GCAGGGGGGGGGGAAGGGGAAGGGGGGAAAAGGGAGGCCCCAGGAGGAG AAGGAGGGCAGGCGAAAACCAGAAAGGAAAGGAACCAAGAAAAAAAAGGA GGGAAAAAAGGGAAAGCCGAAAGGGAGAAAACGGAAAAGGCATTAAGAAG

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GGAGGAAGGAGGGAACCGGGAAAGAGGGACCCCGGGCAAAAGGGGAAGA AAACGGAAAACCAAAAGGCAAAAACCGGGGTAAGGAAGAGAAGGGGGGGG G G G G G G A A A A G GAGCCAAACGGACAAGGGAAGGAGGGGAAGGATAGCCG AGGAAGGACTTAAAAAAAAGGAGAGGGAAAGAACGGGGGAGAGCAGAGGC CAAGGAAGAACGGGGGGGGCAGAGGAAGGAAGGAAGGAAAAAAAAACGAG AGGGGAGGAAAAACCAAGACAGGCCAAGGAAAAACAAAAAGAGAAAAAAC CAAAAGGGGAAGGAGAAGGGGCCGGAAGGGGAAGAGGAAAAAGAAAACCG GGGAAGAAAAAGGAAAAAAAGGGAAAAGGGGGGCCGGAAGGAAAAGGACG GCCGGAGGGACAGGAGGAAACAAAAGGAAGACCACAAAAGGAACCAAAAG AAACGAAAAAAGGGAACGGAAAAGGAAGGAGAACAAGGGAGGAGACCGCA AA G G ACAAAAAGGGGAAGAACGGGGGGAAGGGGAAAAGGCCAAGGGGAAA CAGACAAGACAGGAGGAAAAAAAGAAGAAGGGGGGGGGAAACAAATTCCG AGAAAAAAGGAAGACAAAAGAGGGAGGAGAGAGGGCCGGGGGAGGAGAC GAAAAAACAAAAAAAAGGAAAACAGAGAGGGGGAAGGATTGGAGGACCAA TTGGAAACGAAAGGAGAAGGGGAAAAGGAAGGGGAGGGAAGGAAGGAAAA CCGGGGAAGGGGGGGGGGAAGGAAACGGCCAAAAGAGGCAAGAGAAGGA G G A GAAGAGCCAAGGGGCCAAAAAAAAAGAGGGGGAGACAACAGACACCA G GAGGAAAAGGGAAGGAGGGGAGAAAGAAAGAGAAAAAACCGAGGAAGGG AAACCCCGAGAGAAAGAAGGGAAGAACGGGAGAAAGGAAAGGACCCCGAA AAAAAGGAAGGGGGAAAAACCAAAGGGAAAAGGACAAGGAAAACGCCAGC CCCCCGGCCAACCGGGGGGGGAAACACAAGGAAACGAGAGGAAACGGGGA AAAAAAAAGAGGGGGAGGACAAAGAAACCAGGAAAAAAAAAAAGAGGAAG G G GCCAGGGCCCCCCGAAGGGAAAAGGGGAGGGGAGAGGGGAAAGTTCC GGGGCCCGAAGGGAAAGGAGCAAAAAGGAGAAAGGAGAAAGGAAGGAGAA GGAAAAGGAGGAAGGGCAAAAGGGCATAAAAAAAGGGGGGGGGGGGGAA AAAGGAACCGGGGAAGGAGGGCCAAGACCGGAAAAGGAAGAAAGAGAGAC AGAAAAGAACCCCAAGGAAAAAGGAAAAAAGAAAGAAGGAAAAGAGGGAG AACCCCCGGACAGCCAGGAGGGAGGGGAAAAGAAAAAAGGGAGAAGGAAG GGGAGAGGAGAGGGGGGAAGGGGAACCAAAGGAGACCAGGAGGAAAAAA AA $\operatorname{A}$ GGGGGGGGGAATTGGGGGGAAGGGAAAGGCCAAACGGAGGAGAGAA AAAGGAGAAGGAAAAAAAAAAAAAGCCGGGGAAAAGGAACCGGGGGGACA A G G G G G GAAAACCGGCCGGGGGGGAAAAAAACCCCGGGGGGGGGGGGGG AAAGAAAAGGACCCGGGGCCGGAAAAAACCCACCAGGAGAGAAGGGAAGA CA GAGAGGCCGGAAAAAAGGAAGGAAGACGAGGGAACAGAGGGGGGAACC AAGGCCAAAAAAGGAAAAAAAAAAGGAAAAAAAAAAAAGGGGGGCCGGAG GGGAGGAATAGAAGAAGGAACCAAGGAAAGGGAAGAAAGGGAGGAGCCGA AAGGCCGGAGAAGAAGAGAAAAAGAAAAACAAAGAGGAAAAAAAAAGGAA G G A G GAAACAGAGACACAGGAAAAGGAAAAAAAAAGACAAAACCGGAAAA GGCCAGAAAGCCGAAGAAAAGCAGACGGGAGGGAAGGGGGGGAAAAGGA GAGCCGAAGAGCCAACAACAAGAAAACAAGGGGGAGGCAGGAAGGCCCCA AAAGGGGGAGGAAGGGGAAGGGACCAGCAGGAAGAGGACGGGGAGCCGA GAAAGGAAAAAGCAGGGGGAAAGAAAGGGGAAAGAACCGGAACCGGAACC GGTTTTAATTAAAAAAAGAAACAAAAAGCACAGGCCAAAAGGAAAAAGACG A GAGGAGGGCCCCAAGGAAGGGGGGGGCCGGAACAGGGGGGGAGGGGGG AACCGGGGAAAAAAAAAAGAAAACCCAAAGGAGGAAGGAAGCAAAAAGAA CCGGAGAAAAGGAAGGAGGAAGAAGACACCAAAGAGAAGAGAGGGAAAAG AGAAAAAAAGGGGACACCACGGGGAACCGGACCCAGAAGGAGGGGGCCGG GGAGCAGGAACCCCGGGGAGCCGGAAGAACAGGAAAGGAAAGGGGGGAG GAAGGAAGGAAGAGGAAGAACAGAGGGACAGCCAAAAAAAGGAAAAGAAG GGGAGCCGGAAAGACAAGGGGAAAAGAGGAAGAGAAAAAGGAGAAGAAGC AAAGGAAGGGGAGGAATGGGGAAGGGGAAGAGGAGGGCCGGCCAAAAGA GGGAAAAAAAAAATAGCCAGACAGAAGAGGAAAGAGAAAGGGCCGGAAAA GGGAAGCAAAGAACGGAAGGAAGAAGAGGGGGGGAAGGGGGGGAAGGGA AA GAGGAAGAAGAGGAAAAGGAAGGGAGAAAGGGAGCAACCAAGGAAGGA AA $\operatorname{l}$ GGAACGGAGGAGGGAAGGAAAAAAGGCAGGAAGGAAAGGGAGAAAAA AGGGGAACCGGGGAGGAAAAAACCCGGCCGGAGGAGAAGGGGGAGGACC G GAGGAAGGGAAAGGGGGGGGAGGAGAGAGGGAAGGAGAGGACCGGGAG GGGACACAGAGGAGAACGGCCGAAAAGACGGGAGGGAGGAGCGGAAAGG AA $\operatorname{A} A \mathrm{~A} G \mathrm{G} G \mathrm{G}$ GAGAAACAGAAGGGAGGAGAGAAGGGGGGAGAAGAGAGGG GAAGAAAAAAAGGGGGGAAAAAAAAGGGGGGAGCCGAAAGGGGAAGAGAC AGGGGGACCAGGAAGCCAAGGGGAAAAAAAAACGGAAGGGGAGGGCCGAA

AACGGGAAAGAGAAGAGGGAAAGGAAAGGGGAGTACAAGGAGGAGGAAAG AA $A$ ACATAGGAAAGGAAGAGGAAGGGGGAAGGGAGAGGGGAACAAAGGG AAGGCCGCGACCAACGCCAGAGAGCAGGAAGGAGACAGAAAAGAAAGAAA AGGGAAACGGGAAGGGGGGGAAAGAAAGAAGGAAGAACAGGACCAGAAGG GAAAAACAAGAGAGCAAGAGGGGAGGGGCCCAAAAAAAAAAAGGAAGGAA G GAAAGGGCCGGAGGAAAGAGGAAAAAAAGAAGGAAAGGAGGACGGGGAA G GCCAAGGGGGACCAAGGAGGGCCGGAAAAAAAAAAAGAAGGAAGGGGAA AAAAAAGAAAGGGGGAGGGGAGGGAGGAGGAGAAAAAAAACCAAGGAAAA AAGGGGAAGGAAAAGGAACCCCAAAAGGGGCCGGAGCACAAGAAAAAAGA AA G GAAGGGGAAGGGACACGAAAGCAAGACAAGGAGAGAAGGGGGGCAAA ACAGGGCAAGAAGGAAGGCCAGGGGGGGGGGGCGAAAACCAAAAAGTAGA CAGAAGGAGACCGGAGAAGGCCAAAAGAAGAACCGGGAAAAGGCATCCAA G G GAAA G G G G G GCCAAGGGGGGGGGGGGAAGGCCCCCCGGAAGGGGGAC C GAGGGAGGGAAGCCGGAAAAAACCGGAGAGGGAAAAAAAAGGGGGGCCT TAAGAAGGAAAGGAAGGAAAGGGGGAGGAGAAAAGGGCCACCCAGAAAGA CGGAAAAAGGGGGAGAAAAAAAAGGGGTAGAAGAAACGAAAAAAAAAGGG G GAAAGGACGAAACAATGGCCAGCAGGAAGGAAAAAAGGGGGGGAACGAG A G G G GACAGAGGGAGAAGGCAAGGAGAGAAGGAGGAAACAAGAGAGGGG G G G A G GAAAAAGAAAAGAGAAGGGAGAAAAAGGGGGCAACCCAACCGAAA AAAAGGCCGAAGGGGGCCAGAAGAAGGGGAAAGGAAACAGGGAGGACAGG AGAAAGAGAACCAGGAGAGGCAAAAATTCCGGGGGGAAAAAAGGAAGGAA G GAACCGGAGGGCAAGGGGGAAAGCCCCCCAAGACAGAGGAGAAGCAAGA AGGACCGAAGAAAGGAGGAAGGGGGGAAAAAAGAACGAAAAGGGAAGGGA GAAAGAGGAGGGACAAGGAGAGAACAGGGAAGGAGCGAGGGGGGAACCA AAAGGGGGAAAAGGCGAAGAAAAGGACACAAGACAGAAGGAGGACCAAGA CGGAGGAAAAGGAGGGCGGAAAGCAACGCGACAAGAGGGGAGAAGAGGA GGAAAAGAAGGGAGAGAGGGAAAAAAGGGAAGCCACAGAGGGAGAGGGAA GGGGAATTGGAAAAGGCCGGAAAAGGGGAAAAGGGGGGGGAAAAAAGGC CAAAAGGAAGGGGGGCCGGGGGGCCAAAAGGGAAGGGGGAGGGACGAGG AGAACCAAGGGGAAAAAAAAGGGGGGGGAACCGGGGAAAAAAGGGGAAGG AAAAGGAAAAAAAAAAAAAAAAGGAAAAGGAAGGGGAAAAAAGGGGGGGG GGCCAAAAGGGGCCGGAAGGAAGGAAAACCAAAAAAGGCAAGAAGAGAAA A GA $\operatorname{la}$ AGGGGAAGGAACCAGCAGGAGGAAACCGGAAAAGAGGACAGCACC GAAGAAGCGGGAGGGGAAAAAAAGAGACCCAAAAGGAGGATACCGACCAG CCAGGGGGGGAAAAGGCCGAAGGGAGACGGCGGACCCCAGGGCCGAGGA G G G G G G G C C G GAA $\operatorname{A}$ GGGGAAGAGAAAAGGAAGGGGGGAGAGACAAGGAG A G G G G G G GAAGAGAACGGTTAAGGGGAAAAAAGGGGCCGGGGCCAGGGA GCAAGCAGGACAAAGGGAAGGCCAGGAAGAAGGAGAAAAAAAAGGCAGAG GAAGAAGACGGACAAGAAAGGGGAAGGGGAAAAGGAAGGAAAAGGAACCG GAGAAGAAGGGACAAAGAACCCCAAGGAAGGGGGGGGGGCCCCGGAAAAG GAAAAGGGGAACCAAGGAAAAAACCGGAAGGGGACAAAGGAGGAGAGAGA CAGAAGGGGAGACGGAGAGAAGGAAAAGAGAGAAGAGGGAAAAGGGAAGA GAGAGAGAAGAAAAAAAAGAAGGCCCCCCGGGGACGAAGGGGAAGAGAAG GGGAAGGAGGAACAAAAACAAAGAAAGAGCCGGAAAGAGAGAGGAGGGAG GGGGGAACCAAAAGAGGTTAGGGCACACCAGGGAGGGCCGGAAGGGAGG AAAAGGAAGGAAAAGGGGAGGAGGAAGGCAAAAACCAAGGAACCAAGGGG G G G GA GCCAGAGGGGGAGGGGGAGGGAAGAGGAGAAGGCAGGGGGAAGG G G A G G A A A A G G G GAAGAGGGAGAAGGAGGAAGGGGGGGAAGGAGGGGAA G GAAAAGAAGAGACCCCGAGAAGGAGCCGGCCAGGGAGGAAAATGGGAGG G G G GAAGGGGAAAACCGGGGCCAAAAAGAAAACCAAAAAGAGGACGCAAA GAAGCCAGAGAGACGGGAAAGGAACCAGAAGGGGCAAAAACCGGGGCCAA AACGGGGGAAAAAACCAGGGAGAGGAGAGGAAAAGGGGGAGACCGAAAGG G GCCGGGGGAATAAGAAAAAGGGAGAGGACGGCCGAAGAACACCGGGGG G GA $\operatorname{G}$ GGAAAAGGGGAGGACGAAACCGAGGAGAGGAAAAAAAGGGGAAGA GAAGGCACCCGAACAAAGCAAGGAGAGAAGAGAGCCACCCGAAGAAGGAA G GAACCAGAAGGAAGAAGGGAACCGAGGAAGGACAGGAACGGGGAGGGG GAGGGGGGGCCAGGAAGGACCCAGGACGGAGGGCCGGGGAACAGGGGGG AGAGGGGAAGAGAAAACCAAAAGGAAGGGGGCGAAACCAAGGAAAAAACC G G G G G G G ACCGACAAGAAGGAGGGGGGGAAGGAAGGCCGAAGGGGGAGG AAAAAGGGCGAGGGAGGGAAAGGAGGGAAGGAAAGACTAAGGGCCAAGG GGGGAAGGAAAAAAAGAACAAAAAGAACGGCCAGGGAAAAGAAAAGGGGG

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G G G G G G G A A G G G G G G G A A A A A G G G G GAAAAAAA A ACAACGGAGGGGGGG AA $\operatorname{l}$ GGGAGGAAGAGGAAAAAGGGAAGAAGAGAGGGGGGAGAGGAACAAA GAGAGAGAGAGGGACAAAAAAAAGGAAAAGGGGCAAGAGGAGAAAAAGAA AAAGGGAGGAGCCAACCGGGAGGAACACCGGAGGGAAAGGCAACAAGAAA AAACAGGAAAAAGAGGAAGGAGGCCGGAAGGGAGGAGAGGGGGGGGAAA AA $\operatorname{l}$ GGGGGGAAAGGAGAAGAAAGGCAGGAAAGAGGGGGAAGGGGGAAAA GCAAGAAGGAGCCCCCCAAGGAAAGGGGAAGCCGGAAAGAAGAAGAAGAC CGGAAAAACAAAGAGAGAGAAACGGAGAGAAAAAAAGAGGGGGAAAACCA G G GAGAGAGGGAGAAAAAAGGGGGGAGGACCAAGAGGAGACAGGAAGAG A G AC G GAGGAAAGGTTGGAGGGGGGGAAGGGGAACCCGAAAGAGAAAAG AA GAAGAAAAAAAGGGGAACCAAGCAAAAGGGGAGAGACGGAACCCCGGG AA G GAAGCAAAGGGAGGGGAAGGAAAAGGAGGGAAGGGAGAGGGGGGAT AAAGAACCGGAGAAGGAGAGGGAAAGAGGAGAAAAAGGGGAGACGGAAAG AAAGGAGGAGGGAAAAGGGAACCCGAGGAGAGAGGGACGGAGGGGGAGC CGGACAGAGAAAGGAAAAAAAGGGGAACCGGAACAGAAAAAGGACAAGCA GAGGAAAGGGGGAAGAAGGAAGGGGAACCGGAGGGGAAGAAGAGGAGGG AA GAAAAACCAGGGAAGAAAAGGAAGGGAGAGAGGAAAAGAAGGGGAGAA TAAGGGAGCAGGAAGGCCGAGAAGGGGGAAAACCAGGGGAGGGGAGGGG GCAAGGAAAAAAAGAGGGGAAGACCGAGGGGAGCAGACCAGAGAGGGCCG AGGGCAAGGGAAAAGAACCAAGGAAAGGGAGAGAACCGGAAAGGGGGGGA AAAGGGGAAAAAAGGGGGGAAAAAAAAAAAAGGGGGGAAGGAAGGAGGGA ACCGGAAAAAACCAAAAGGAAGGGGAAAGAAAGAGGGGGGAAGGGGGAGA AAA G G G G G GCAAGAGAGGGGGAAAAAAGGAAGAAGACAAGGCCAAAGGGG GAAGGCAGGAACCGGAAAAGGAAAGGGACGGCAGAGGGGGGGGGGCCGG CCAGAGAAGGAAGGAGGGAACAAAGGCCGAATCCGGAAGGGGAAAAAAAA A GAA $\operatorname{GAG}$ GTTAAGGGGGGGGGGAACCTTCCAGGAAGGGAAAGAGGAGAAA CCGAAAGACAGGAGAAGAAAAACAAAGGCCGGAAGGCCGGAAGGGGGGCC GAGGGGAGAGGGAAAGGAGGCAAAGGAGAAGGGAAAGGAGAAAAAACCCC AACCACAGGGGGGGGGCAAGAAGCAGAAGAAGAACAGGAAGGGGGAGAAA G G G GAGGGGAAAAAAATAAGACGGAAGGGGGAAGAAAAAGGACCAAAGAA AGAAAGGGGGCAACAAAGGGCCAACCAACCAAGAGGAAAACACAGAGGGG AAAAAAAAGGGAGGAGAAGGACAGGAAGTTAAAAGGAAGGAGCCGGGGGG AAAGGGGAGGAGGAGGGGAAGGGGGGGAAAAAGGAAGGAGGGGACCAAA GGGAAAGAAGGCAAAAGGAAAGAGAGAAGGGAGCCAGAAGGAACCGGCCG A GAGGGGAACCAAGGCCACAATTAAGACAGGAAGGAAGGGGAAGGGGGGG G G G G G C CAAAAAAGGACGAACACAAGGGGGGGGGGAAAAAAGAGGCCCAG AA G GAGGAAAAAAAAGGGGGAGAGAAAGACCAACCAAGGAAGGGGCAAGA GGAAAAAAGAAAAGAAGAAGGAAGGGGGGGGGACCAGGACGAAGGAAAAA GAGGAAACCGAGGGACCAAGGAAAACCGGAAAAGAAACGCGGGGAAAAGA AGGGAGGAAAAAAAAGAGGAAAGAGACGGGAAAGGGGAAAAGGAAAGAAG GAGAAAGGGGGAAAAGGAAAAAAAAGGAAAAGGGGAAAAGGCCGGGGGGA AGGAAAACCAACCGGAAGGAAGGGGAACCAAGGGGAAAAAAGGAAAAAAG GCCGGAAAAAAGGGGCCAAAAGGAAGGCCAACCCCAAGGGGAAGGAAGGG GAAAAGGGGAACCGGCCAAGGGGAAAAAAGGAAGGAAAAGGCCGGGGAAG GGGAAGGGGAAAAGGGGAAGGGGGGGGAAGGGGTTAAAACCCCAACCGG GGAACCAAGGAAAAGGAAGGAAAACCAAGGAAGGAAGGAAGGCCAAAAAA AAAAGGGGAAAAGGGGGGGGAAAACCGGGGGGAACCAAGGCCAAAACCGG AA G GAAAAAAGGGGAAAAGGGGGGGGGGAAAAAAGGGGGGAAAAGGCCG GCCAACCCCCCGGGGGGGGGGGGGGAAAAGGGGGGGGAAGGGGGGGGAA GGCCAAGGAACCGGAAAAGGAAGGGATTAAAAAAAGGGGGGGGGGGGGGA AGGGGGGAACCAAGGGGAAAAGGAAGGAACAAAATCCAAGGGGAACCAAA CAAAGGAAAGGGGCCAAAACCGAAGACACGGAGCAAGAAGGGGGAGGAGA CGGGGGGGGAAAAAAAACCAGCCAAGAAGGGGGAAAGGGGGGGAGGAAA GAAAAGCCAAGGCCAAGGCGGAAGAAGGGGGGTACGCCAAAGGGAGAGGG CCCCCCACGAAGAGCAGAGAGGACAACAAAAGAGTTGGGGAAGGGGAAAA ACAGCCGGGACCGGAAGGAGGAGGAAGGAAGGAAAGAGGGAGGGAGCCA CAGAAAAGGGGAGGGAACCCAGGAGGAAAAGCCAAAAAGAGCCGGAGGAA ACCAACCGAACGGGGGACCAAGGCCAGAAAGAGGGGGGGAAAAAAGAAAG GAGCAGGGGAACCAAAAAAAGAGGGGGCAGGAAGGGAAAGGGAGAGGTTC CGGGGCCCCGGAAGGAGAAAAGGGGGGAAAAAAAAAAAAAAAGCCAAGGG AA $\operatorname{A}$ GAAAGGGGGGGGGGAGGAAAGAGAAAAAGGGGAAAGAAAAAACGCCG

G G A G G G GAGGGGGGAAGGGAGGGGAAGGAGAAAGAAGAAGAAAGGAGAA AAGGAAAAGGAACCAAGGAGCCCCGAGAGGCCAGGGGGGAAAAAGGAGAG CAAAAAAAGGAAGGGGGGGGGGGGGGCCGGGGAAAAGGGGCCAAAAGGA AGGAAGGAAACAAAGAGAAACGGAAAGAGAAGGAGAAGAGGGAAACGCCA AGGGGAGCAGAAGAGAAGAGGAGGGGGAGAAACAGAACAAAAAGGATGAA AAAGGGGAGCCCCAGCAAAAAAGAAAAAAAAGAAGAAGGGAGAAAGGGGG ACAAACCGGGAAAGACCGAGAGGACAAAAAAGAGGCCCCCCGGGGAGGGC GAGGAAACCAGGGGGAAACGAGAACGGGGGAAAAGAAGGGAACAAAAGGG GAACGAGAAGGAAAACCAAGGACGAGGGGAGAAGAAGAAGGGGGGAAAAG GCAGAAAGGCCGAAAGGAAAAGGAAAGGGCCGGAAGGGAAGAAGGCAAAG GCCACGGAAAAGGAAAAGGGACCCAAAACAGGGCCGGAAAGGGAAGGAAG GGGGAGGAGGGAACCGAGGGGGAGAGAAGAGAAGGCCAGGGAAAAACGG AGGCGGGGCCGACCAAGGAGGGAGAGCAGAAGAAGAAAGAGGGGAAAACC CGAGAAAGAAGGAAAGGGGGAAAGGGAACCGAAAAAGGGAAGGGAGAAGG AAGGAGCAGAAAGGAAGAGAGGAGAAGACAGGAGAAAAGGAGAGGGGAAA GGGGGAGGGAAGGGGGAGAGAGGGGGAAAAAAAAGGCCGGAGAAAAAAG GAAAAAAGGAAGGGGGGCCGGGGGGGACCGGGGAGAAGGCCGAAAGGAA GGAAAGAAAGGGGAAGGAAAAAGAGAAGAAAAAGGGAAGGAACCGGGGAA AAGGAAAAAAGGAGAAAGGAGGGGGGACCAGAGGAGGGACGAGAACAAAA
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CGGAAAAAAAACCGGCCAAAAGGAAAAGGCCGGAAGGAAGGGGCCGGCCA AGGAAAAAAAAGGAAAAGGTTGGAACCAAGGAAAAAAGGAAAAAAGGAAG GGGAACCAAGGAAGGAAGGGGGGGGGGAACCGGCCAAAAAAAAGGGGGG GGGGAAAAAAAAAAAACCAAGGCCAAAAGGAAAAAAAAGGAAGGGGGGCC GGGGAAAAAATTGGGGCCAAGGGGAAAAAACCGGAAGGAAAACCAAAAAA AA G GAAAAAAAAAAGGGGGGAAAAAAGGAATTAAAAAAGGCCGGAAGGGG G GAATTAACCGGAAGGGGGGGGAAAAAAGGAAGGAACCGGAACCAAGGCC AAAAAAAAGGCCAAGGGGAAGGAACCAAAAGGAAGGAAGGGGAAGGGGAA G GAAGGGGAAAAAACCGGAAAAGGGGCCGGGGAAGGGGAAAAAAAAGGAA GGGGCCCCGGAAGGAAGGAACCGGAAAAGAACGCGAAAAAGGAAAAAAAA AAAAAAGAAAAAAAAAAAGGGGGGGGAAAAGGGGAACCGGAAGGAAAAAA GGAAAACCAAGGGGAAGGAAGGAAAAAAGGAAGGAAAAGGAAGGAACCGG AAAACCAAGGGGGGAAAAGGGGAAAAGGAAGGGGAAGGAAGGGGAAGGG GGGAAGGAAAAAAAAGGAAGGAACCGGGGGGGGAAAAAAGGAAGGAAAAG GAAGGGGAAGGGGAAAAGGGGAAAAGGGGGGAACCAACCGGGGAAGGAA CCAACCGGGGAAAAGGGGGGAAGGGGGGAAAAGGGGGGCCCCAAAAGGA AAACCGGAAAAAAAAGGGGGGCCAAGGAAGGAAGGAAAAGGAAAAGGGGC CCCAAAAGGGGGGGGAACCAACCGGAAAAGGAAGGAAAAAAAAAAAACCA A G G G G G GAAGGAACCAAAAGGAAGGGGCCGGCCAAGGAAGGGGGGGGAA CCAACCGGAACCGGGGGGGGAAGGAACCAAAAGGCCAAGGAAAAAAGGGG GGAAGGAAGGAAAAGGCCAAAACCAAAACCTAAGAGAAAAAACAAGAAAA G G G G G GAA G GAACCAAGGGGGGACAAAAGCAAGGCCAGAGGGAAAAGGAA CCAAGGACGAGGAAGGGGAGGAACGGAAGGGAGGAAGGGGGGAGAGCCA G G G G G ACGAGAAGAGGGGGAAAAAAGGAAAATTAAGGGGGAAAAAGGTTA AAAAAAACCCCAAGGAAAAAACCAACCAAAAGGGGGGCCAAAAAAGGAAC C G G G G G G A ATTGGAAAAAACCGGAAGGGGGGGGAACCAAAAGGTTAACCA ACCAAAACCGGGGGGAAAAGGGGCCGGAAGGAAGGAAAAAAGGGGAAGGG GGGCCGGAAGGGGAAGGGGAAGGCCGGCCAAGGGGAAGGGGGGCCGGAA AAAAAAAAAAGGAAGGAGAAAAGGTTAAAAAAAACATAAAAAGAGGAAAAA AAAACAAGGAAAAAGTACACAGACAAAAAAACCGGCCGGAAGGAATTAAAA GGGAAAAAGGGGAAAAGGGAGGGGCCCCGGGGAGAGGGCCAACAGGGGA GCCAAAAGGAAAACAGGGGGGAAACACAAAGGACCGGAGGGAAACCGGGG CAAGGGGAGGAAAGGAGAGGGGGGGGAGGGGAAAAAAAACCAACCGGGG AA GAAAGATTGAGAAAGAAGAGACAGGGAGCCAAAGGGGGGGGAAAGAAA AACAGGAAAAGGAGAAGGGAGAGGAAGGAAAAGGAAAGAAAAAGAAAAAG AGAAGGGGCCAGAAAGGAGGAAGGAAGGAAAAAGACCAGGAAGGAAGGGG AAAAAAAGGAAGGGAACCGAAGAGAAGGGAAGAAAGAGAAAAAAGAGAAG GGAACACCGGGGGGCCGGAGGGAGAAGAAAAAGGAAGGGGAAGGACAGG GCCCCCAACGGGGAAAGAAAGGAAGACGAGGAAGGAACCAAAGATAAGGG GGAGAGAGAGGCCGGGGAGAAAAAAGACGCACCGGGGCCGGGGGGAAGG GAGAAGGGACAGGGAACAAAAGAAAAGAAACAGAAGGAAGGGCACAAAAG AAACGGTAACGGAGCCGGAGCCGAAAGGGGCCGAAGCCAGGAGGGACCCA G GAAACGGAAGGAGGGGGAAGATTCCAAGGGAGACCAAGAAATAAGGGCA AAGAGCAAGGGGAACAGGCCGGAGGGAAGAGGGGGACCAACCGGGGGAA GGGGGGAGAAACCCCAAGGAAGGAAGGAAAGGGGGGGAAGGAAGGAAGG GGCCAAGGAAAGAGGGGGCCAAGGGGAAGGCCAAAACCAAAAAAGGGGCC AAGGGGGGGGCCGGAAAACCCCGGAACCAAGGAAAGGGCGGAGAGAAGGA GAAGAGAGCCGGAAAAGGAAGGAAAAAAGCAAGAGGAGAGCAGGAAGGAA G GAA $A$ A GAAGGGGAAAAGAAAGGGGGAAAAGAAAGAGAGAGGAAAAGAGA GGGAGAGAAAAAGGGGAGGAGAGGGGAGGAAAAAAAGGAGCGCAGGCCA GCAGGGAAGGGAGACACAGGAAAGGGGAACCGGAAAGCCAAAGGAACAGG GAAAGGGAAGAGGAGGGAGAAAAGGAAAACCAAGGGACCGGGAGGCCCCG GAACCGAAGAAAAAGACAGCCAAGGGAAGGGAAAAGAGAGGGAGGACAAG GAGAGAAAAAAAGAGGGGGAAGGCCGGCAGAAAGGAAAAGGAAGGAAAAG GAAGGAGACAAGGGGCCGAGGAAAAGGGACCACCCTTCCACCCAAAAAAA AAACCAAGGAAGGGGCCAAGGGGCCGGGAAAGGAGGACCGAGGAGGGAA GGACAAAGAAAACCAAGGCAGGAGCCAACAGAGAAGAAAAGAGGGAGATT AAAGGGGGAAAAAAAGAGGGAGGAAAGGAAAAGAAGAAAAAAAAGGCACC GGGGAAAAGGGAAAAGGGAGAAAAAAAAAAAGAAGAGGAGAGCCGGGGAG GAGGGGAAGGGGAAAGCCAAAACCAACCAAGGGGGGCCAAGGAGGAAAAA GGAAGGCCGGGGGGAAAAAGAAGGAAGGAGCAAGGGAGAAAAGGGGGAC

AGAAAGGAAGAAACCAAAAAGACGGGGGGAGAGAGGGGGGGCAAGTTAGA AAAAGAAAAGGGAGAAGAGGAACAGGGGGAACAGGGGGGGGCCAGAGAA GGGGCCGGAAAAAAGACAAAGGAAAGGAGGTAAAGAGGAAAAGAAAAAAC AGAGGAGAGAAGGGAAAAGGAAGGGAAAAAAAGGGAACAAGGGGGGAAAG GACAAGAAGGCCGAGGAAAGAAAGAGAAGGAGCCGAACAAGGAAAAAAAA AA G G G GAAAAAAAAGGGGGGAAAAAAGGGGGGGGGGGGAAGGGGAAAAA AAAGGAACCGGGGGGAACCGGGGGGCCGGAAAAAAGGAAGGAAAAAAAAG GAAAATTAAAAAAAAAAAAGGAAGGAACCCCAAAAAACCAAGGTTGGGGA AAAGGAAAAGGGGGGAAGGAACCAAAAGGGGGGGGGGGGAAGGAACCGG GGGGGGAAAAAAGGCCGGAAGGAAGGGGAAGGGGCCAAAAAAGGGGAAG GAAGGGGGGGGGGGGGGGGAAAAGGAAAAGGGGAAGGGGGGGGGGAAAA GGAATTCCGGGGAAAGAAAGAAGGGGCCAAAAAGGGAAAAAAGGCACCAG CAAAAAGGGAGAAGGAGGCCCAGAGGGAAACCAACATTAAAACCGGGGAA AAAACAGGGGAGAAGGGGAGAAAAGGGGGGGGACAAAAAAGGGAAAACGA AAAGGGCAAACAAAAAAGAAGAAAAAGGGGGGGGAAGAAAACAGCCAAAT GAAAGACAGCGGGGAGGGAGGAGGAAAAAAAAAAAAAAAAGGCCGGAAAA CCAGGAAACCAAAAAGAGAGGACACCAAAAAACAAAAAAAGGGAGAAAGG AA G GAAAAGGCCAAGGGGACAAGGAAGAAGGGGCAAAGGGAAAGGGGGG AA $\operatorname{A} G \mathrm{G} G \mathrm{GCC} \mathrm{C}$ GAAAAGAGGGGGGGGGAGGGAAGAGACAAGAGGGGAAAC AA $\operatorname{l}$ G G GAAGGGGCCGAGGAAGGGATAAAGGAGGGAAAAAGAGAAAAGGA GAAAAAGACAGGGGAAAGGCCGGAAGGAAAAAAAAGGGGAGAATTCCGGA AGGAAAATTAAAAGGAACCACAGAAAAGGGGAAGGAGAGCCGGGGAAGGA AAAAAAAGGGGCCAAGGGGCCGAGACAGAAAGGAGAAAGCCAGAAAGACG GGCGGGAAAGGCAGAAACCAAAAAAAAGAGAAGGACCGACCGGCCCACCC CCCGGAAGGACGAGGGGGGAGAAAAACCCAAAAGGGGGGCCGAAAAAGGG GAAGGAACCAACGGGATAGGGGGCAAAAGGGGGAGAAAGCCAGAAGAAGG GGAGGCAGGGGGGAGACAGCCGGGAGAAAAGGAAGGGGGAATTGGAAAA GGAAGGGGGGCCAGGGGAAGGCAAAGAGGGAGGGAGACCCGAAGGAAGG AAGACGGCCAGGGACGGAACAGGGAAAAAGGGGGGACGAAAAAAAGGGGA CAGAGGGGGAGGGGGAGAAGGGAGGAACCGGGGCAAAAGAGACAGAAAA GGCAAAGGAAAAAAGGCCGGAAAGGAAAGGAGAGAGAAAGAGGGCCGGAA GGAAAAGGCCCCGGAGAGACGGGGAAGGAAGAACGAGAGGGGGGCAGGC CAAAAAGAAAGGGAAAAAGAGGAACGGGGCCAAAAAGGGAAGGACGGGGA AAACCAAGGACACAACAAAGGAAAAAGACAGGGGGAAAACCGGAAAGGGG AGAAGCCGGAAGAAAGGGAGGGGCCGGAAGAGGGACAGGAAGAGGAAAG AGCCGGAGAGAAAAAAGGAGGGGAGGGACCGGAGGAAAAAAAAGAGAAAA GGAAACGGAGACGGGGAAGGGGGGGGAGGGAAGAAGGGAGGGAAAGAAA
 GGCACCAAAAGGGGGAGAAACCTTGAAAAGCCAGGGAAGGGGCCGGAAGA G G G G G GCCAGAAGGGGGGAGGAAGGGAAGGAGAAGGGGAAAAGAAGGGA AGAGGGGGAGAAGGAAGGAAACCGAACGAAAACGGGGAAAAAAGAGGGAG GAA $A$ AGGGGAACAAGTTGAGGGGGGGAAAAGGGACCCGGAGGGAAAGGG G GA $\operatorname{ACA}$ C G G G G G G GAGGGGGAGGGGGCAAAGGCCGAGGAAGACCGGGGC CGGACAAAAGGGGGGGGAACCGAGGGAGGCCAAAAAAGGGGAAAGAAAGC CAAGGGGGGAATTGGGGGGAAAGGAATAAACAGGGAAACGAGAGGGGAA GAGGAGCAGGGGGGAAGGGGGAAGCCCCAGGGCAAACCAAAAGAGAGGCC GGCAGACCAACCGGAACAGGCATTGAAGCCAAGGCCAAGGGGAAAAAGAG AGGGAAGGGGCCGGAAGGGGAAGAAAGGAAAGACAAGGGACCGGAAGGG A G G G G G GAAAAAACCGGGGAAGGAGAGGAAGGGGGAAGGAAGGAAAAGG AACCAAAAGGGGAAGGAAAAGGAAGAGAGAAAGGGGAAAAGGGGGGGAAA GAGAAAGGGGAGTTGAAGAGAGGGGAGGAAGGAAGGAGGAGGAAAAGGA GAACAGGAAAAGGCCAGAGCAAAGAAGCCCCGGAAGAAACAAAAGCAAAG AAAGAAGAAGGAGAAAAGAGGGGGGGGAAAGAAACAGAGGACAAAGGGGG G G G AA G G G GAAGGGGAAAAGGAAAGAAAAAATTAGAGCCACCAAGGGACG G G G CA $\operatorname{l}$ GACAGGGGAACAAAAAAAGGGGGAAGGGAGCGACCAGAAAAAAG AAAAAAAAAAAAGGGCACCAAACGAGGGAAGAAGGCCAAAAGGAGGGGAT AAAGGGGAAGGGGAAGAAGGGGAAAAAAGGGCCGGAGAAAAAAAGAGAAG GAGAGCACAGAAGAGGGAGGGAAAGGGGGAAAACCCCGAGGGGAAAACCG GCCCCGGAAGAAAAAAAAAAAAAGGAAGGGGGGAAGGAAAGGGAAAACCC GAAGGAGAAGGAAAGAGAGAAGGAACCGAAGGGAAGGGGGGGGGGGGAG AAGGACAGAGGGGGAAGGGAAGAACACAAAAAAAGGCCGGGAAAGAAATT

G G G GAAAAGGGGGAGGAAAAGAGAAAGGCCGGCCAGGGACAAACAACAAA AAAAGGAAAGGGAAGGAGGAGGAGGGAATTGGACCACAAAAGAAGAAAAA AAGGTTGGCCGGAAAAAAAAAAGGAATTCCGAGAAAGGAAGGAAGGAGGC AAGGCCCCAACCGGGGAGAAAAGGGGCCAAAGAAGGAGAAAAAACCAGCC AGAAGAAAAAGGAAAAAATTAAAGAACAAGCCAAAAAAGGCCAAAAGGGG G GAA G GCCGGAAGGAAAAGGAGCCGGGGGGGGGGGAGGAGACGGAAGAG GAAAAGAAGGGGAAAAAAAAAAAGGGAAAGAAGGGCCGGGAGGAAGACCA GCAAGAGGGGGGGGGACAAAGTAAAGGCCAAAGGAAGAAGGAACCGGAAA AAACAAGAGAGGGAGGGCGAGGGACCCAAGGAAAGACCCAAGGAGAAGAG AAAAAGGGAGGGAAGAGAAGGAACAGAGGGAAAGGAAAAAGAAAACGAAG
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 ACCGGCAAGAGGAGAAAGGGGGGAAGGAAAGGAGGGGAAGGAAAAGGGA GGAGAGAGAGAAGGCAGGTTGGAGCCGGAGAAGGGAGGGGGAGGTTAAG GAAAGAAGGGGAGCCAAGGGGGAAAAAGGGAGAAAAAAAAAAAAGAAAAA GAGAAGGAAAAAGGGAAGAAAAGGGCCAAGGCCAGAAAAGAAAAAAAAGC CAGAGGGAACAGGGGGGAAGGGAGGAAAAAAAAGAAAAAACGAAGAAGGG GGGAAGGAGGGGGAAAGACGACCGGAAAAGGGGAACAGAGGAGACCGGG AAAAGGGGGAAAACGGGGAAGGAGCAGGCCGAAGCAAACCGGGACCAAGG AAGAACCAGCAGAAAAGGAAGACCCCCCGAAGAAAAAAAAGGAGGGGAAG AACCAAGAAGACGGCAGGGGGAAGACGAGGGGGGAAGGGGGGGGGGAAG A G G GAA $\operatorname{l}$ GGAAAAGGGAGGAAAAAGGGGGGGAAAAAGAAGGAAAAGGGG AAAGAGAACCAAGGAAGAAAACAAGGCAAGAAGGAGGGGGAAAAAAGGAA A G G G GAAACCGAACGGAAAAGGAGAAGGGGAAAGAAACGGGGGGGGGAA G G G AAA $\operatorname{GAA}$ A G CAGAGGGAAGGAAAGGAACCACAGGGGAGGAGGGCAAG AA G G GAGGAAAACCCCGGAACCGGGGCCGGCCAGACGAGACCGGAGGGAA AA G GCCGAAGAGAGGGAAAAAGAAACAGGGAGCAGACCAGGGGGACAAAA AA GAAAAAAAAACAGAGGAGGGGAGGCCGGAAGGGGAAGGAAGGGGAAG GGGAGGAGGGGACAAAAACGGAGAGGAGGAACCAAGGGGGGGGAAGGGG AAGGGGAACCGGGGAAGGGGAGAGAGAGACGGGGGGCAGGGAAAAAAAA A G G G GAAA $\operatorname{A} A \operatorname{AAA}$ AGGGCCGGGAAAGGGGCCAGACGGGGGGGGACGGGA GAAGGGAGGGGAGGGAGGGGGGGGGGGGAGAAAACCAACCGGGGGAGGG GCCAAAAGATTAAGGGGGGAAAGAGAGAGAGAGGAGGGGGGAGAAAAAG GAAAAAGGGGGAAGAAAGAAAGAGGAGGAAGGGAAGGAAGGAGAACAGGA AGGGAACCGGAAGGCCAAAAGGGGCCGGCCGGGGAGAACAAAACAGAAAA G GAACCAGGGGGAGCAGAAAAAAAAGGAAAAGAACAGAGAAGGAGAAGAA AAAACCAAAAGGAGAAAAAAGAACGAAAGAGGAGGGGAAGAAGGAGCAAA G G G G G G GAAAAAGACCAAGGGAAACCAGAGGGCCATGGAAATGCAAAAAG AGGACCAAGGAAGGCAAGAGGAGAGGAAAAGGTTAGAAGGGAAAGGGGAG AACCAAAAGGGAGAGGAGAGGAAGCGGACACCGAAGAGAAAGAGGGGGAG G G GAGAGGAAAAACCCAAGAAAGGAGAGAGAGGACAAAAGGGAGGGGGCC CCAGGAAGAGAAGGGAGGAAAGCCAAGGACACCAACAAGGAAAAAAGGCC CCAGAAGAGGGGAACGAGAAAGAGGGGAAAAACCGGCCCCGAGGAGGGAA AAGGAAGAGGGGGGAAGGGAGAGGAAATGGAAAAGAAGCAGGAACAAAGG GGCCGGAAGGAAAAGGAGAAAAAACCAAAAGGAAGGAGGGAAAACCACAG TTTTAGAAGAAGGGGAAAGGAAGAGGGGAAAACCGGAAGACCGGAAAACC GAAGGGAAAGAAAAAACCGGGACCAAAAAAAAAAGGGGAAAGAGAGAAAG

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 A G GA $\operatorname{A} A \mathrm{~A}$ GGGGGGAAGGAGCCGAGAGGGAAGCCGAAGGAAGAAAGAAAA AAAAAAGGGGGAAAACACAAAAAAAGAGGACCGGACAGGGGAAGAAAAGA G G GAGGGAAAAAAAAAGGCCGGGGAAAAAGAGGGGGGGTAAAAGAAAAAG AA $\operatorname{G} G \mathrm{G}$ GGGGGGGAGCAAGAATTAAAAGAACAAGGGGAAGGAAAAGGAACC AAAAGGAAGGGGAAAAGGCCGGACAAAGCCGAAAGGGAGGAAGAGGGGG GAAGAGGAAGGAAAAAAGGCCAAAGAGGGAAGGAGGGGGGGAAAGGGAC GGAAAAGGAAGGGGAACCGAGGAGGACAGGAGAGAAGAAAAA
$28125000-9 A A G G G G A C G G A G A G A G A A G G G G G A A A A A G G G G C A A A A G A A G C$ CCCCAAGGGGGGCAGGAAGGGAGGCCAAAAGGAACCAAAAGGGGAAAAGG AACCGGGGGAAGACAGAGCCGGGGGAAGCCAAGGAAAGAGAAGAAGAGGG GGCCGGAGAAGGGAGGAACAAAGAAAGGAAGGCCAGAGCCGGGGAAAAAA

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CCCGGGGGGAGGAGAACGGGGAGAGGAGGGGCCGGAAAAGGAGAAGAGA
 A G G AAAAGGGGAAGAGAAAAAGGAAAGAACCGAGGAAAATTAAGGGAGGA A G G AAAAAGAAAAAGGGGGTTAGAATAGGGGGGGGAACCAAAAGGCCGAG G G AAA $\operatorname{A} A \mathrm{~A}$ GGGAACCGGGGGGAGGGGAAAGGAAGGGAAACCAACCGAAAA AGAAAACACCCAGCAGGAGAAGGGGATGAAAAACAGGAGCCGGGGCCGGG G G G GACGGAAGGGGGAGAACCGAAAAAGGAGACAAAGAAGGAAAAAAAAA AGGAACCGAAGAAGGCAAGAGAAAAAAGGGGAAGGGGAGGCAGGGAACCA A G G G G G G A A G GAACCGGGGAAAGAAAAGGGGAAAGCCCGAAGAGGAGGG CCCCAAAACCCAGGGGAAAGAACCGGGACCGGCCCCGGGGGGAAGGGGAC CCCCGGGGAAGGAAGGAACCAAAAGGAAGAGGAAGGGGGGCAGAGGAGG AGGAGGAGAGATTGGAGCGGAGAAGGACGGACAAGAGCAGAAGGAAGAAA AGGAAAAGGAGGGAACGAGGGGGGAGGAAGAAGAGAAGGAAGGAAAAAAC CAAAAAAGGGGGGCCGGAAGGAGGAGAGGGGGGGGGAAGGAAAAACCGG G GAAAAGGGGGGGGAGGAAAAGAAGGAAGGCCAAGGGGAACAAAGGAGG GAAGGAAAGAGGGAAAAAGAGAGACGGAAAGGAGGAAGAAGGGGGGGCC GGGAGGACGGGAAAAAAAAGCCAGGGAAAAGGTTAGGGGGGGAAGGCCA GGGAAAAAACCGGGAGACCCCGGAACCGGGGAAAAGGGGAAGGAAGAAGA C G G G A A A G G G G G G GAGGGGCCAAGAGAGAGAAAGGAAAACAAAGGGAGG A GAAAAGGGGGGGGAAAAAAAGCCAAAACCTTGGGGAAGAGAAAGGCCGG ACAAAAAGCCCAAAACGAGGCCGGGGGGAACCGGAAAGAAAGAAAAAAAA CCAAA GCCAAGGAAGGGGCCGGAGGGAGGGAGGGGACAGGCCAAGGAGA GGGAAGGCCAAGGAAAACGAGGAGGCAAAAAAAAGAGCAAAAAAAGAAAC CGGGGAAAGGAGACCGGGAGGGAAGCACGGAGAGAAAGGAAAAAGGGGA G G G GAAAACAGAGAGGGACAGAGGCAAAAAGGAAAAGGAAAAAAAAGGAG GGGAGGCCAAAACAAAAAGGGGAAGGCCGGCCGACCGAAGGGAAGGAAGG AGAGAAATAGGGAAAAAAAACCAAAACCAAAAAAAAAAAAAACCAAGGGGA AGGAAAAAAAACCAAGGAAAGGGAGAGGGGGCCCCGGCCGGAAAAAAAAA AGACCAACCAACAAAGGGGCCCCAAAGCAGGGACCGGGGAAGGAGGGCCA A GAGAGAGGAGGAGGGGAGGGCCAGGGAGAGAAGGGGAGAAGGGGCCAG ACGGGGAGGAGGAAGGCAAAGGACAACAGGAAGGGGGGCCAAGGAGCCA GAGAGGGAAGGCAGGGGGGGGAAGGGGAGAAAGAGAGACAAAGAGAAAG GAAACCACAAAAGGAAAAAGGGAGGGGAAGGGGGACGGAGGGCCGGAGAA CCGGGGCCGGAGAAGAAAGGAGCCGGGAGGGGGGCAGGAAGGGAGGGGA AGGAAGAAAGAGGGGAAAACCGGGGAAAGAAAAACGAACGAGGAAAAAAA AGAAGGGGGGGGGGGGGAACCAAAACCACAAGAGGCCGGCCAGAGACGG GAAAAAAACCAAAGGAGGAGAAGGCCGAGAGGAAAAGGAAAAAGAAGGGG AA GAAGAGGAAAAAGGGGAAGGAATTAAAACAGAAGCAGAAGGGAGCAGA CAAGAACCGGGGAGAACAAGGAGGGGGAAGAACCATGAACCAGACCAAGG GGAAAGAAAGAGGGAAAGAACCGGAAGAGAAGGAGGAAAGGGGGCCAGAA ACGAGGAGAAGGGGGGAGGGGGGGAAAAAAGAGGGCGGAAGAAAAAGGG GAGGAAACAGGCCCAAAGAAAAACCGCACGGAGAAGGAGGGAAACAGGGG ACCAAAAAAAAAGGAGGAAAGAAAAGGAAGGCCGGCAGGGGAGAGAAGGA GGGGAGGGAAGAAAGGAAGAGGGGAGGAGGGAGAAGGGAGAAGCAGCGA AGATGGAAAAAAGGAACAGAAAAAAGAGGAGAGAGGGGAAGGAAAAGGAA AGGGCAGGAAGAACAAAAGAGGAAAAGGGGAGAGGAAGGGGGAAGGGAG GGATTAGCAGAGGGGAAGAAACAGAGAAAGGGGACGGAAGGGGGAACGAC GAGGAGGCCGGCCAAAGAAGGAGAAAAGGAACCAAAGGGAGGGGGAAGGA AAAAGAAAGGAGGGGGAAGGGAGGAGGGAGACCGGGGAGAGGGAGAGGG AGGGAGGGAAGAGAGAACAGAAAAAAGGCCGGAAAAAGGGGGCAAAGGGG G GA $\operatorname{l}$ GAGGAGGGGGGGAAGGGGAAAGCCGAAGAGGGAGAGGGGGGAAGG GAGGGAAGAGGGGAAAGGACAGAAACCAAGGGGGAGGTTGAAGCCAGAAG AAAGGGGAACCAAAGGAAAAAGAAGGGAACCGGGGAACCCCGGAAAAAAA AGGAAAAGCGGAGAACCGGCCGGGGGAAGGGGGAGACGGAAGGAAGGCC CCAAGACCACAGGGGGGAGGGAAGGAAGAAGAAAAAGGGAAGCCGGCCCC AGGGCCAGAGACCCGGGGGGTAAACGAGGGAAGGGGGGCCAAGGAGGAG GAAGGAACAGAGGGGAGAAGGGAAGACCAAGGGGGGAGGCCAAGGGGGG CCGGGAAGAGACGGCAGAACGAAGAAAACCAGCCAACCAACCAGGATAAA GGCCGGAAGGGGAAGGCGGGGGAGGGAGATAAAA领AAAGGGGGGGGGGG G G G G G A A A A G GTTGAAGAGGAAAAAGGGGGGAAGGAAGGAAAAGAGGAG AAAACCGGAGGAGAAAGAGGACAGCAGAGAGAGAAGAAGGAAAAGACAAA

A G G A G G G GCCGAGGGGAGAGCAGGCCGGACGGAAGGGGAAAAAAGGGGG GGGAAAGTAGAAGGAAAAGAGAGAAAAGATTGAAAGAAGGGAATTAACCG GCCGGAAGGAACCGGGGGGTTAAGGCACAAAAAAAAAGGAGAAGGGAAAG AGGAAAAGAAAAAGAAAGGGGAAAGGGGGACGGAGAGAAGGGGGGAGGG AA $\operatorname{la} A \operatorname{GACCGGGAGGGGAAAGGCAGAAAAGGCAGGGGAGGGGGAAAAAAG}$ GTTAAGGGGGGAAGGAAGGCCAAAACCCCAAGGAAAAGGGGAAGGAACCG GAAGGGGCCAAGGAACCGGGGGGAGAAAGCCGGAGGGGGAAGGGGAGAC GCGGGGACAAAGGGGAGGGGGGAAGGAAACACCACCGGGGAAACAGGGA G G G G G A A A GAGAAAGAAAGGGGAGAGAAGGAAGAACCGGCCGGGGGGGG AAAAGGCACACAAACCCCGGGAGAGAAAGGCGAGAAAAAAGGCAAGGAGA GAAGGGCAAAGAAAGGGAACCAGGAGGGAAGAGGAGGGGGAGAGCCGAG GGGAGGGAAGGGGAGAGAGGGGGCCGGGGAGGGCCGGCCAAAAGGAAAA GGAAAAGGAAGGGGGGGGACGAAGAGGGCCGGAGGGACAGGAAAGGAAA AGGCCAGGAGACCGGAGCCGGGAGGAAGGGGGGGAAAGAGGGGAACCGA AAAAGAAACCAAGGCCGGCCAAAAGGGGAAAAAAAAAACCGGGGAAAAAA AGGGGGGGAACCAAAAAAGAGGGAGAGGAAACTAAAAAAGGGGAGAAGGA AAAAAAGGGGAAGGAAAAAACAGACCGAAAAAGGAACGAAGAGAAAACCC GAAGGGAAGGAAAAAGAAGGCAAGGGGAACCCGGGGAAGGAAGAGGAAAG GGAAGGAAGGGGGGGGAAGGCCAAGGAAGGAACCAAGGGGAAGGAAGGA ATTGGAGAGAAAAGAAAGGAGAAGGGGAGAACCAAAGCCGAGAAAAAAGC CCCGGCCCAGGAAGAGAGGAGCAAAGGAAGGGGGGGGGAAAAACCGGAAG G G G G G AAAAAAAGAAAAGAAAAGAAAAAAGGACAAGGGGGGGGAACACAG GGGAGAAAAAAAGAGTAAAGGGAAAATAAACAACCGGCCAAGGAAGGTAC CGGGAGAGGAAAGAGGACCAGGGAAAGGGAACCTTGAAAGAGGAAAAGAG GTAGGAACCAAGGAAAACCAAGGAAGGGGGGAAGGAAGGGGAGGGCCGG GAGGGAAGGGGAAGGAAGGAGAGGAAAGGGAAAAGGGGAAGAAGAAGGG GAAGAGGGAGAGGGGGAGAGGAAAGAGGGGAGGAAAAGAGAGAGGAGGG CCAAACGAAGGGCCAAGGGGAAAGGGGGAGAAGAAAAAAAGGGAAAGGGG GAGGGGGGCCAAGGCCGGGAGGGAAAGGAAAAGAAAGAAACCGGCATAAA AGAAGAAAGGGAGGGGGGAGAAAAAGGGAGGGGGAACAGAGAAAAGCCG GAGACAAGGCCAGAAAAGGCCACAGGAGGGAAGGGGGAGGAAGGAAGAAG GACAGAGGGCGAGAGAGAAGGTTAGGGGAGAGGGGAAGACCCAAAGGAAA AAACCGGAGGGGGGAGAAAACAGAAGGAGAAGGGGGGGGAGGAGGAGAA GAGGAGAAAAAGAAAACCGGGGAAAAAAAAGGGGGCAGAGAAAAGGAAAG ACGAGAAAGAAAGAAGAGGGCCGAGAAAGAAAACAAGGAACAGGAGGGGG GGGGGGAAAAACGCGGGGAAGGAGAAGAAAGGGGAACCGGGAAACGAAA G GAAGGAAGGGAAAAAAGAGGAAAAGGCAAAGGAAAAGGGGGGGGGGGA GAGAAAGGAGAGCAACGAGAAAGAGAAACCGAGGGGAAAAAAAAGGACAC ATGAGGAACCGAGGAAGGCAGAAGGAAAAAGGAGGATAAAGAAGAGGAGA CAAAGAAGGGAGGGAAAAGAAAGAAAAGGAGAGGGATTCCCCGGGGAAAA CCCCGGCCGGGGGGAACCGGAAAAAAGGGGAAGGAAGGGGGGACCCGGA AAAGGAAGAAAAAGGGGGGAAAGGGAAGGAGGAAAAAGGAGGGAAAAGG GGGGAAGGGGCCAAGGGGGGGGCCAAGGAAGGAAGAAAGGGGAAAGAGG CATCCGGAAGGAAGGAAAACCACAGAGGGAAGGGGCCAACCAAGGAGGGG GAAGGAAGGCAAGAGGGGACAGAGAAAGGGGCACAGGGGGGAAGGTTAA CAAAAAAAGGAAGAGGAAGGAAGGCCGGAAGGAGCCAGGGGAAAGGCCCC AA G G GAAGGGCCGGAAGAAAGGACAAACAGGGAAGGGGCCGAAGGAGGG G G G G ACCGGGGGGGAGGAGCCAAGGAGGGAACAGACCAGAACAGGGGGG
 GA $\operatorname{G} \operatorname{GGG} \mathrm{G}$ GGGGAATTAAGGAACCGGAAAGCCGGAGCCGGGAGGGGAGGG G GAAAAGGCCGGAAAAGGACGGCAGGGGGAAACCAAAGAAACAAGGAAGG G G G GAA G G G GAAGGCCGGCCGGGAGGAGAAAAAAGGAAGGAACCAAAACC G GAGAAAGGGCCAAAGGGGGAAAGGGGGAAAAAAGGAGGACGGGAAAAG G G G A G A G A G G GAAGGAAGGGAAGGGAAAGGGAAAGAGGGAAAAAGCGGA CAAAGGGGAGGAAAGGCACGAGAAATCCGAGAGGAAAAAAAGGGGGGGAA GAGGGGGGAAAAGGAGACCAGAAAGGGGAAGGGAGCCAAGAAAGGGAGA AGGGAGGAGAGGGAACAAAAAAGGAGAGGAAGAAGAAGGCAGGAAAACCG AGAAGAATTAAAGCCGACCAAGGAAAACAGGAAGGAACCGGAAAGGGGGA AGAAAGAGGCCGAGGGGAACAGGGAGGAGAAAGGAAGAGAGAAGAGAAAA GGGAAGGGGGAGAAACAGGGGGGAGGAAAAAGGCCGGGGGGGGAAAAGG AAAAAAGGAAGGGGGACGAAAGGAGAGGAGAGAGAGAAGGGGCGGAGGG

GGGAGGAGGGGAAGAAGGGACAGCCAAAAAAGGCCGACCAGGGAGGGAA GGAGAAGGGGAAAAAAAAGGGGAAAAAAAAGGAAGGAGGGGGAGACGGA GGAAAGGAGAGGGCACCGGGGAGGGGAGGGAGAGAGGCAGACCGGGAAA CCGGAGGCGGGGAAGAGGAGGGAAAAGGGGGAAAGGACACACGAGAGAA AAAACGAAGGGAACCGGGGGGAAAAGGGGGGAAAAGGCCAACAGGGGCCA AAAGGAGGAAGAGAAACAGAAAGGGGGGGGGCCAAAAAAGGAAGGCCAAA AAAAAGGGGGAAGAGCCGGGGAAGGGGGGGGAGGGAGAGGGAAGGGGGG GGCCGGGGAAGGGGGGGGGGAGGGAAAAGGGGGGGAAGAAAGAAGAAGA TAAAAGGGGAAGGGGAAAAAAGGAAGGAAGGCCAACCCCAAAAAAGGGGA AAAAAAAGGAAAAAAGGGGCCGGGGAAGGGGAAAAAAAAGGGGAACCGGC ACAAAAAAAAAGAGGAAGGAACCGGACAGAAGGCAGAGAGGGGAAAAAAG AGGGAAAGGAAGGGGAAACGAAAGGCCGAAAGGGAAAGGGGCACCAAAAA AAAGGGGGGGGAAGATAAGGAGGGGGGGGTAGGGGAAAAGGCAAGAGGG AAGGGGAAAAGGAAAAACAGCAAAGGGGGAGAACAGAAGAGAGAGAGGGA GGGCAGGGGGGGGGAAAAGAGGCAAAGAAAAGAAAAACCCGGGGGGGAG AGACCAAAGACACAAGGGGAAGAAGAACAGGCAGGGAAGAGAGAGAGGAG GCAAAAGAAAACATTGAAGAGAAGGTTAAGGGGCCAGGGGGGCGGGAAAA GAGGAAGGGGGGGGAGAGAAGGAAAGGGGAACCGGGGGGAAGGAAAAGG AAAAGGGAGGAAGGGAAGAAGGAAAACCAAACGGAACCAAGGGGGGGGGG CCAAAAAAAAAAGGGGCCGGGGGGAAGGAAGGAAAAGGAAGGAAGGGGG GGGGGAAGGTTCCGGGGGGAGGGGGAAAAAAGAAAGGGGGGGAAGAGAG GAGGAAAGCCGGACGAGGGAAGGAAGGAGGGGAATTGGGGATGAGAAAA GAGAGGGGAAAGACCGGAAAGGAGAGAGGAGAGGACACAAAGGGAAAAGG AAAGGAACAAGGAGGAACACCGGGGAAAACAGAAAGGAACCGGGAAAAAG AGAAGGGGGAGGAGATAGGCCGGAAGAAGGGGAGGAGGAGGAAAGCCAC GAATGGAAGGAAGGGGGAAAAAAAAAGGAACCGGGAGAAGAATAGGCCGA GGAAAAAACCACAAAAAAGGGGAGGGCAGGGGAAAGGAAAGGAAAAAAGG GGAAAAGGAACCGGGGGGGGGGGGAAAAGGAAAAAAGGAACCAAAAGGAA GGGGAAGGAAAAGGGGAAAAGGGGCCGGAAGGAAAAAAAAGGAAGGCCAA GGAAGGCCAAGGGGCCGGGGGGCCGGCCAAGGGGGGGGGGAAAAGGGGG GGGGGCCGGAAAAGGGGGGGGAAGGGGAAAAGGGGAAAAAAGGAAGGGG GGAAGGGGAAAAGGAAGGAAAAAAGGAAGGAAAAGGAAGGAAGGAAAAGG GGGGAAAAAAAAGGAAAAACATCCGGGGGGAAGAGAGAAAAAAAGAGAAA AAAAGGAGCAACCAAAGGAAAAGGGAGGGGAAGGGAAAGGGGCAGAGGG GGGAAAACCAGGAGGCCCAAAAGGGAAAGGAAAGGAAGAAAAAAACCAGA GAAAAAAAAAAGGGGGAAACCGGGGGACCGAAAGAGGAGGAGGGGCCGGA GAAAAGGGAAAAAAAGGAAGGAGAGAGGGAAAAAAAAGAGGCCGGAAAAG GAAGGGAAACCGGAGGAGAAAGGAGGGAAGGGGGGGAAGAGGGGGGGGA AAAATTACAGAAAACAAAAGAGGAAGCAGGCCGGGGGGGGGGCCAAGGGG GGGGAAAAGGGGAGAAGAAGCCAAAAAAAGAGGAGGGGGATAACAAGAGA AGGAAGAAACCCAAACAAGGGGGAGAGGCAGGGGAAGGGGAGGGGAAGA AGAAGAGGAAGCAGACAGGAAGAGGGGAACCGGAAGAAGAAGAGGGGCCA AAAACAGAGAGCCAGAAGAGAAGGGGAAAAAGGCCGGAGAAAAGGGGACC CAAAAAAGAAGAGCAAAACAAAAAAGGGGCCAACCGGAGCCGGAGGGGGG AGGGGCCACAAGGAAGAAGCAAGGAAGAGGGGGAAGGAGAGAGGAAGGA AAGAACAAGGGAGGGGGGCCAGGGGGGGCCAAGGAAAAAAGGAAGGGGG GAAAAGGGGAGCCGAAGGAAGAGGGAAAAGGGGCAAACAGGAAAAGGGGA AGGAAAAGGGGGGGGGACAAAAAAAAAAAAATTAGAGCAACACGGAGGAG AGAGAGAGGAAAAGGAGAAAAAGCGGGACAGAAAAGGGAGACACCGAAGA AA $\operatorname{l}$ GGCAGGAACCGGGGGGGGGAAAAGGGGAGAAAATCAAGGACAGGAAA AA $\operatorname{la} A \operatorname{AGGAGAGGGGGGGGGGCCAAAACCGGAAAAAAAAAAGGCCGGGGA}$ AGGGGAAGGAAGGGGAAGATTCACCCCAAAACCAAAAAAGGAAAAGAATC CCCGAAGAAGGAAACTTGGGGAAAAGGAAAAGAAAGGAACCGAGGAAAAG GAAAAAAAAAACAGGGGCAAGGGGAGGAGGAAGCCAGGGAAACGAGGAGA ACCCCGGCCGAAGGAAGAAAGAAGGGGAAAAGGAAAAAAGAACCCAAAAG GAAGGAAGGGAGACCGGAAGGGGGGGGCAAGGGGGGGGGAAAAGGAAAA AACCAAAACCAGAGAACCAGCACACCAAACGAAGACAGGAAAAAGGGAAA ACGGGGGGGGCCGGCAAATAGAAAAAAGGGAAAAGGGGAAGGAACAAAAA GGAAAACCAGAAGGCCGAGGGGAGTTGGGGAAGGGGACAGAGAGAGAAG GAAGGGGAAGGGGACGAAAAGAAGGAGAGGAGAGGAAGGGAGACACACAA AGGGGAAAGAGAGCCGGAAAAGAAAAAAAAGGGCACCGGAGCCAAGGCCG

G G G G ACCAAGGGAAAAAGGGGAGAAAGAAAAGGGGAAGAGAGGAAACGAG A G G G ACAAGAAAAAAGGAGAGAAGGAGAAGGAAGGGGGACAAAAAAACCG GAAAACCGGGGGGAAAAAAAAAAGAAAAAAACCCCAAAAAAGAGGGGGGT AAAGGACAGGGGGGACCGGGAGGGAAGGGGGCAGAGGAAAGGGAGGAAA AA G GAAGGAAAAGGGGGGTTAAAACCGGAAGGGGGGAAAAGGGAAAGAAG G G GAA $\ln$ ACAACCGGAAGGGGAGAAGAAAGGGGGAATGGGGGAAAGGAAC AGAAAAAGGAGAGCCCAAGAAAAAGCGGGAAAGGGGGGGACGAAGCCGGG G G G G G A A T T G G G G G G G G G G G G G G A A A A G G A A G GCCTTAA G G G G G G G GAA GGAAGGAAAAAAAAGGAACCAAGGAACCCCAAAAAAAAAAAAGAACGGGG GAAAGGGGAAGAGGAAAAGGCAGGGGCAAGAGACAGAAAAAGAGCGGAAA AA $\operatorname{AAGGAGCCGGGGAGAGGACAAAAAGGGGGGAAGGAGAAAAGGCCAAAA~}$ AA G G G GAAAATTGGGGAAGGAGAAGGAAAAGAAGAAAAGGGGAAAGGGAA ACAGAAGAGGGGCCGGAAGGGGGGAAACATAGAAAGGGAAAATTAAAGAG CCGGGGAAGGAAGGAGGGGGCCGGGGAAAGCCAAACAGAAGAGAAACCGG AGGGACAGAGGAGAGAACAAAGCGAAGGCCGACCAGACAGAGAAAGGGGA GGGGCCGGAAGGGGAAAAAGGGAAAAAAGGGGAAAAGGAAAAGGGGAGG GAAGGGAAAAGAAAAGGGGGGCCAAAAGGGAAGAAAGAAGGAACAGGCAA G GAGGGGGGAAGGACCCAGAAGGAAAACCAAAACCAGGAGGGGGGAAAAG GAGCCAAGGAAAACAGGAAAAGACCAAAAAAGAGGAACCCCAAAAAAAAA AAAAAAAGGGGAAACCAGGGGGGGGGGGGAAGAGGAAGAAGAAAGGGAA CCGGGGGGAAGGAACCGAAAGGAAAAAGCAAGGGAAGGCCAAGGGGAGG G G G A G G G A A G GAA G GAAAA G G G GAAGGGGAACCAAAAAAGGGGGGAAGG AAAACCAAAAAAAAGGAACCGGAAGGGGAACCAAGGCCAAGGAAAACAAG CCGGAACCGGAAGGAAAAGGCCAAAAAAAAACAGAAAGGGGGGGGGAGAA AAAAAGAAGGGGAACCAAAAGGAAAAAAGGGGGGAAGGAAAAAGGAGGAG AGGGGGAAAAGGGGAACCCCAAACGGAAGGAAGGCCAAAAAAAAAGAAAA GAAAACGGGGAAAAAAGGAAGACACCGGAAAAGAAGGAGGGGGGAAGAAG AGGAAACCCCAGCCAGGGAAGGAAGGGGAGGCAAGGGGAACCCAAAGGGG AAGGAAAAAAGGAACCCCGGGGAGAAAAAGGAACGGGAGAAGAGGGCCGG AA $\operatorname{A}$ GAAACAAAGGGGGGGGGAGAGGGGGAGGGGGAAGGCATAGGGGGGA AAAGGAAGGGGCAGGGAAGACACAGACGGCCGGAGAGGGAAAAAAGACAA AAGGGACGGGGAAAGAACCGGAAGGCAGCCCAAGGGAAGCCCCAACAGAA A G G A A G A G A A C G GAAA $\operatorname{A}$ GGGGGGGGGGGGGAAAACGGAAAGGGGGGGGG G G GAA $\ln A A A C A G G A G G A A G G A A G A G G A A A G G A G G G A A A A G G G A G A G G G$ G G G G G G G A A G GAGGAGGAAGAAGAAAAGGAAGAGAGAGGCCGGGAAGGA A G G A G A A A G GAGGGGGAGAGAGGGGGGGGGGAAGGGAGAGAGGAGGAAG AAAGAAGAGAAGGAGAGAGAGGACAGAAAACAGAAGGAAGGACGGGGCAC CAGGGCCAAAGGAAGGGCGAGAGGGCAGGAACCGGGAGGAGAGGGCCAG AA $\ln A A \operatorname{AAGGGGGGGAGAACAGCAGAGAAAAGAGCAGGGGGGAAAAGACC}$ CCCCGGCCAACCAAAGAACAAGGAAAATAGAGGGGGGGAAGGGAAAAAGA AA G G AAAAATGAGGAAGGGGAGAGAGAGAAGGAAGGCCAAAAAGGACAGG AGAGAAGGACGAAGAGAGGAGGCCGGAGGAGGAAGGCCGGAGCCAAAAG GAAAGCACAAAAACCCCCCCAAAAAAAACGGGAAAAAAAAAGGGGGGGAT AGGGGCCGGGGGACCAGAGGGAAGGAGAGAGGGGGCCGAGACCGAGAAG AACCCCGGAAAGAAAGGAGCAACCAAGGGAAAAGAAAAGGAAGGGAAGCC GGCCAAGGGGAAAAAACAGGGGCCGGACGGAAGGGGGGAAGGGGGCAAC CGGGGAGAAAAGGGAAAAGACAGAAGGCAGGGGGGGAAAGAAGGGAAAAC AGGGGAGACAGAAGAGAAAGGAGGGAAGGAAGGGGAAGGCCAAAAGAAGA G G G G A GAGGCCGGAAAAAAAAGGAAGGGAAAAGAAAAGAAGAGAGGGGGA GAACAAGAGAAGACCGAAGAAGGGGCCGGACAAAAGAACGGAGATGGAAA AAAAA $A$ A $\operatorname{A}$ GGGGGGGAAGGACGAAGGGGGGGAAGGAAAGGGGGGGAGAA AAAAGAAGCCAAAAAAGGGAGAAAGGAGGGGGGGGGGGGGGGGGGGAAG G G G G GAGGGAAGGGGAAAGAGGGAGGGAAGGAAGGAAAAGGGAAGGAGG AAAAGGGGGAAAGGAAGAAGAAAAAAAAGGCCGGAAGGGGAAGGCCAGAG GAAAAAAAAAAAGAGGGGCAGACCCCGGGGAGGGAGGGAAGGAAAACCGG GGGGGGAACCCCGAGGGGAGGGGGCAGGGGAAGGAGGGGGAAGGCCAAA AGGGGCCAAGGAAAAAAGGAAGGAAAGAGGAGGAGGAAAGGGAAAGGAAC CGGGGAAGGAGAAGGCCAAAAAGGGGGGAAGGGAAGAGACAAGGAAAGA GGAGAAGAACGGGGGGGAGAGAGGCCAAAACCAAGGAAAGCAGGAGAGG GAAAAGAAAAAGGAACCAGAAGGAAGGCCGGGAACAAGGACAGAAGGACA AAAAAAGGGGAGGGGGGGAAAGGGGGAAACCGAAAGGGGGGAAGGGGAA

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AGGAACCAGAGGGAAAAAGAACCGGAAGGCAAGGGAGCCGGAACCAAGGA A GAGAAAACCCGGAAGGAGACCCGGCACCCAACAAGGAGGGGGAAAGAAC
 AA GACCATAGAAGGCCAAGGGGGGGAAAGGCGGGGGAAGGAACCAAGGGA G G G G G GCCGGAAGGAGGGAAAAGGAGAGAAAGGGGGGGAAAAAAGAAAA ACAAGAAAAAGGAGGAAAAAAGGAGGGAAAAACGGAGAAAAGAGGAAGAA
 G G GAAGCCACGGGGAAGGAAAAAGGGGAGGGGAAAAGGAGGGGGAAAGG AA G G AAAAAGGCCACGAACACGGGGAGGGGGCAGGGGAAAAGGGGCCAG GGAAAGCCCCAGAAAAAACCAAAAAGGAGAGGAAGGGGAGCAGAAGAGGA ACAGAAAGGGAAGGGGAGAGGGAACCAGAAAAAAAAGGGGAAAAGGAAGA AGAAAAGGAGAGGAGGGGGAACGAGGACGGGGAAAACAAAGGAAAGGGAA G GAGGGGAAAGGGGAGAGACAAAAAGAAGGAAAAAAGAGGCCGGGAGAAG GGAGGAGGAAGGCAAACAGGCCGGGGGGGAGGGGGAGGGGAGGAAAGGC CAAAGGGAGGGGAGGGGAAAGAGGGAAAAGAGGAACAGAAGGAAACCAAA GGGAAAAAAGGGGAGGAGGAGACACGACCAAGGAAGGCCAGTTGGGGGG G G A G A A A A G G A G G G G A G G G G A G A GAGGGGGGGGGGAGACAGAGGAAAAG G G G GAGGAAGGGGAAAAGGAGAAGGGGGGCCACACGAGGGAGGAAAAAA GGAAGGAAAGAGGAAAGAGAGAGGAGAGAAAAGGAACCGGGGAAGGAGG GCCGGGGGGAGGGGAA GAAAGAAGACAGGCATAAGCCAGGGGGGGGGAC G GCAAAGGAAAAGGAAGGAAGAGAGAAAGGGACCGGAGGGGGAGAAAACC AAGGGGAGCACCAGCAGAAAGAAGGAGAAGAAAAACAAGAAACCGAGAAA AAAAAAAAGAAGAAAGGAACGAGAAGGGGGAAAACCAAAAAAACGAGAAG GACAGGGAGGGAAGCAAGGGGATAGGAAGGGGAGGGGGGGGGGGGGAAG GAAGGGGGGGGGGAGGAGAAGGAAACCAAGGGGGACAGGAAGAAAAAAA CAAAAAAAAGAAAGAAGGAAAGGAGGAAGGGGAGAGGAAGAAGAGAGGGG AAACAAAAGAAAAACCGGAAGGGAGGAGACAAAAGGAGCCAAGAGACAGG AAAGAAAAAAAGGACAGAGGAGGGAAGGGGAAAAAAGGAAAAGGGAAAGA AGACAAGGGGAGGAGAGGAACCAACCAGAAAGGGGGGAAAAACGAAAGGG AAGGAAAAAACAGGAAAAGGGGAAAGTAAAAAGGGGGGCCACAAAGAAAA GGGGCCAGACAGAAAAGAGAAAGGAAAGGGAAGGGGGGAAGAAAAAGGG GAAAGGGAAAACCAGAAGGAGAGGAGGGGGGGAGAAGGGGGAACAAAGG G G G GAAAAAAAAAGGGAACCGGGGGGAGAAGGGGCGGAGAAGAAAAGGA AAACCGGCCGGAAGGCAGAAGGAGGAAAGGAAAAAGGAAAACCGGACCAG GAGAGGGATAGAGGGAAAAGGAAGGGGGGCCAAGGAAGGAAAACCAAGGC CGGGGAGAAGAGAGAAGAAACCAGAAGGAGAGGAGACAGCCAATAAAGAG GAAAAGGGAAACGGAGAAGAGAGAAAACCGGAGAACCCCAGCAGGTAAAC CAACCGAGGAGAGAAAGCCAAAAAAGGAACGAAGGCCAAGGGGGGGGAGA GAAGGAAAAGGAAAGGGAAGGCAGGAGAAAGGGGGACGAAGGGCAGGGA ACGGCAAGGGAAAAGGGGAAAAGGCCCCGGAAGGCCAAAACCAAGGGGGG G G G G G G G G A A A A CCGGCCAAGGGGGGGGAAAAAAAAAAGGAAAAGGGGA ACCAAGGGGAACCAAAAAACCCCAAAAGGTTAAAAGGAAAAAAGGAAAAAA GGGGAAGGAAAAGGGGCCGGGGAAGGAAAAAAGGGGAAAACCGGCCAAAA AA G GCCAAGGGGGGAAAAGGAAAAGGGGGGAAAATTGGGGAAAAAAAAGG CCCCCCGGCCGGAAAAGGAAAACCCCAAAAGGTTCCCCAAAAAACCCCAAA AAAGGAAGGCCGGGGGGGGGGCCGGAAGGAACCGGAAAAAAAACCAAAAA AGGGGAAGGGGAAGGAAGGAAAACCGGGGCCGGAAAAGGAAAAAAGGAAA AAAGGAAGGAAGGGGAAGGAAGGCCGGAAAAGGAAAACCGGAAAAGGCCG GGGTTGGCCGGAACCGGAAGGAAAACCAAAAAAAAGGGGAAAAGGGGGGA AAAAAGGGGGGAATTAAGGAAAAGGAAAAGGGGGGAAGGAAGGAAAAAAG A G G GAAAAAGGGGGAAGGGGGACGGGGGAGCAGAAGGGGAAAAAGGGAA AAAAGAGAAGAAAAACAAGGAGAGAAGGAAAAGGAAAAGAAGTTGGAAGG AACCCCGGCCAAAAAGGGGGGGGGGGAAAGGAGAGGGGGGGGGAGAAGG GAGGGAAAAAAGGAGGGAAAAAAAAAGGGGAGGGGAAAGAAGGGGAAGG AAGGAGCCGAAGACAGGGGGAAGGCAGGGGGGAGAACCAAGGAGGACCAA CCAACAGAAAGGAAATAGTTGGAAGGAAAAAAGAAGAAGGCGAAAGAATT
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G GAAGAAAGGGGCCAAGGGAGGGGCCCCACCAAAAAAAAAGGGGCAGAAG GGCCAAGGGGCCGGGAGGAACCAACCCCCAGCAGAAGGAAAAGAAGAAAA CCAGGGGGAACACAAAAGCAGAGAGGGGGGTTGAAAAGAAGGAAGAAGGA AGAGGGAAAAGAACGAAAAGAGAGGGGGGGAAGGGGGGGGAAAAGAAAG GAAAAAAGGAACAGGGGAACAGGAGAAAATTAGAGACGGGAAAACAACCA CAGAACCCCAAAAGAAACCGAGAAGGGAAGGGAGGAAGGAACAGGGGAAC AAAAGAAGGGGGAAGGGGAGGAAACAAAGTTCGGGGGAAAAAAGAGAAGA G GCGAAGGCGGGGAAAAGAGAGGGAAAGAAAGGAAGGCCAAAGAGGGGA AAAACCAGAAAAGGGACCCCGGGGGGAAAACCAAGGAGGGTAGAAAAAAA CCAAGGGGGGCCGGGGGAGAAGGAAGCACAGAAGAAAGAAAGGAGGGGG GGGAGAAAAAAAAGACCCCAGGGGGGGGGAAGGGAGGAAAAGAGGAAGG AA G G G GAAAAAACCAAGAGGGGGAAGGGAAGGGGAAGGAAAAACGGAGGA ССТTGGGACACAGAAGGCGAGGGGAAGGGGAAGGGGGGGACCAGGGGGA AAAAAGGGGGGGGGGGGGGAAGAGAAGAAGGAAGGAAAAGGGGGGAAGA GGAGGGAAGGAAGGGGGAGGGGGGGAAACCGAGGGGGAGGGAAGAGAGA AAAAAGGAACCGAGGCCTTCGAGAGAGAGAAGGGGAAAGAGAAGGAAGGA AAAAAAAACAAGAGAGGAAGACGGAGGGGGGAAGGAGAAGGGGGAGGGA GGAAAAGGGGGGAAGGCCGGCAGGAGGCGGGGAAGGAGGGGGAAGGCCA G G G GAGCGAAAAAAAGAGACAAGGAAGGGAAAATTAAGGGGGACCAAGGG G G G G G A G A A GAGGAGGGAAGCGAAAAGAAAAGGAGCCAAGGAAAAGACCA ACCGAGAGGAAAGCAATGGAAAAGGGCAACCAGAGGGAAAAGGAAGGGAA AA GCAAAGAGAGGGAAGGGAAGGAAGGAAGGAGGGGGCCGGAACCGGCC AA G GAAAGCAAGAAGAAGAGGGAAGGGAAAGGAGAAAAGGGAAAAGGGAA GACCGGAAAATTGGAGAAGGGGAAGGAAAAGGAGGGAAGGGGAGAGAGG GACAAAGAGGGAGGAGGAAGAAGCCGGGGGAAAAAGAGGGGGGGGGGCC GGGAAGGGGACCGCCCGAAGGAAGAACCCAAAGGAAGGCCAAGAAACCCA GAAAAAAAAAGGGGGGAGTAAGAGGAAGAGCCGAAGGAGAGAAGGAGGG GAAAAAAGAGAGAAAAAAAAAAAAAGGAAAGAGGAAGGGAAATAAGAAGG GGGGAAAGAGAAACAAGAAGGAAAAAACCCCGAACAGAAAAGGAAGGGGA AGGAGAGCAGGCCGGCCGGGAGAAAAAAGAGAGAGAGAGACGAAACAACG GAAAGGAAAAACCCAAGCCGGAGGGGAGAACGGAAACGGGGGGGGGAAGA AGGAGGGGGAAAAAAAAAAAAGGAAAACCAAGAGGGAACGGAGGGATCGG AGAGGGGCCAAGGAAAAGAGGAAACGAAAGGAGAAGGAAAGGAAGAAAAA AAA $\operatorname{l}$ GGGGAGGAAAAAAGAAAAGAAGAAGGAGAAGGAGAAAGAAGAAGGA AA GCCGGGGCAGACAGATAAAAAAAGGAAAGAGCCGGGGGGAACCGACAG AAAAAGGGATTTAAAGGAGAGGACAGAGGCCGGGGGAGGGGAGAAGGGG AGGGAGCAAGGACACCGGGGACTAAAGAAAAAAAGGAAGGAAAAAAGGAA GGAAAAGGAACCAAGGAAGACCAGGGAAGGCCCCAAGGAAAGAGGGAAAA GAGAGGAAGAAAGAACGAAGAAAGGGGGAAGGCCCCAAGGAGCCGGTTAA AA $\ln A \mathrm{G}$ GGAGGGGAAACGGAAAGAGCCAGAGCAAAAGGGAGGAGGGAAAAG CCACAGGGGAGGAACCCAAACCGGAACCAAGGGGAAGGAAAAAGAAAGGG AATTAAAAGGGGGGAAGAGGGGAGACAGGAGGAAAAGGGGAGAAGGACG GAGGGAAGGAAAAGAGAGGGGGGAAGGGAGAGAACAGACGAAAGGGGAG GAGATTAACCGGAAGACCAGGAGGGGCAGGAGAAGGCCGAGGAAGGGAAA CAGAAAGATTGGAAGGGAAGACGGAAAGGAGGAGAACCGGAAGAAAGGGG ACGGAAAGAGAGGGCCAAAAAGGAGAGGGGAAGGGGAAGGGGACGGAAA GGAAAAAAGGGAAGGGAAAGAGGAAAACCGGAAGAAAAGGAGAAGCAAGG AAAAAGGGGAAAAGACAGAAGAGAAGAAACCGAAAGGAAGGAGAAAGGGG GAAAAGAGGAAAGAAGACCGGAAGGGAGAAGACGGGGAAACAGAGGGGGC C GAA $\operatorname{l}$ G G G G G G G G G GAGGGAAGGGAGGAGAGGGAAGGGACGCCCAACAG A G G G G G A GAGGGAAGAAAGGGGGGGAGAAAGGAAGGAGAGGGAAGGAAG G GCGGGAAAGGAAGGGGCCAGGGGGAAGGCCGGCCAGAAGGGGCCGATT AAAACCAAAGGAAGGAGGAGACAGAGGGAGGGAGCCAAGGGAGGAGGGAA AGGAGGAAAAAAAGCCACAGAGAAGGAAGGGGAAAAAAGGCCGGAAGGGG AA $\operatorname{G}$ GGGAAGGAAGGGGAACCAAGGGGGGCCAAGCGGGGGGGGAGGGAGG GGGGGGGCCGGAAGGGAGGAGGGAAAAGACCGACAAGGGGGGGGGCCAG AAGGAGGAAAAGATGGAGAACCAAGGAGAGAAAACCGGAGAGCCCCAAAC GACAAAAGGGAACAAGAGAGGGGGAAACTTCAAAACACGGGGGACGAACA GGCCGGGAGAGGAGAGGACAGAAAAAGGAACCAAGGAAAAGGGAAAAGAA AACCCCAAGAAGGGCCAGCCGAGGACGAGAGGGAAAGAAGGAAAACAGCC AAAACCGGGGGGAGAACCAAAACCAGGGGAGGAAAAGGAGAGGGGGCAAC

GAAAGAGGAAGAAGGACAGGAAAAAACCAAAGAGCCGGAAACGAGGGGGG GGGGGAGGGGGGGGGGAACCAACCGGAAGAGGGAGGGGAAGGGAACAGT TGAGAAAGGAGGGGAGAAGCAGAAGAAAGGGAGAAGAACGAGGAAAGAAG AAGAAAAGGAGCCAGGACCAAAGGAAAGGGGGGAAAGAAGGAGGAAAAGA GAAAAAAAGCCGGAAAAGGAAAAAAGAGGACCCGGAGGGGGAGAAGAGGA GAAGGGAACGAGAGGGAGGAAGGCCGGGGGGAAGACCAGAACCGGAGCC ACGGAGGAGAGAGGGGGGAAGGAGGGGGAAGGAGGGAGGAGGGGGGGGG GGGGGAGGGGGGAAAGAAGGCGACCAAGAAGCAAGGGGGGAAGAAGGAA GGGAGGGGAAGGGGCCGGGAAACCAAAGGAGGAAAGGAAAAAGAGGAGA GCAAAAAGGCCAGTTTTCCGGGAACAGGGGAGGAGGAGGAAATGGGGGGG GGGGGGAGGGGAGAAAGAGGGGGCCGGGAGAGAGAACAAGGGGAGGAGG AA G GAGAGGGGGGGAGGGAGGAGAGGCCGAGGAAAAGAAGAAGAAGGAG AGAACAGGAAGAAAAAAGGAGAGGGGAAAGAGGAGACGGAGCAAAAAGGA GGGAAGGGGAGAGCCGAGAGGGGCAGGAGAAAGGGGGGAGGAAAGGGAA GAGGAAGGCAAGGAAAGAAAAAAAGGGGGGGGCCCCGGAAGGGAGGGAA GACACAGAGAAAGGAGAAGGAGGACAAGAAGGAAGAAAAGGGGGAAAGAA GGGAAACGGGGACAGAAGGGGGGGGGGAACCGGCAGAGAAGCCAAGGAG GGGGAGCCCCAGAAAAGGAGCAGAGAGGGACCAAGGCCCCGGCAACAAGA AAAGCAGGGAGAGGGGAAAAAGAAGGGGAAGGGAAAAGAAGGCCGGGAAA GGAGGAAGAGGAGAAGGGCCGGCCGGGGAAGGGGGCACGGGGGGAGGGG GGGAAGGCCGGCCGGCCGGTTGAAAGAAAACGGGAGAAACAGGAAGGGGC CATAGAGAGAGGGGGGGAAGGAAAACCGAAGACAGGAGAGATTAAAAAAG GAAGGAAGGGGAAAAAAGAAAGGAAGGGAGGAGAAACCCCCAAGACCGAA AGGAGAAGAGGAAGAAAAAGGAACCGGAGAAAAGGGGGACAAAAAAAAAG AA GGGAACCAAGGCGAGGGGGGAAAAGAAGAAGGGAACCGGAACACAGGG GAGACAAAGAAAGCAGAACAAGAGGGGGGAAGGGGAAGAGGGAGACAGGA AGGAAGAGAAAGGAAAAAGGAACAAAAAGAAAGCAAAAAAAGGAAAGACA GCGGAAGACGAGGGAAAAAAAAACAAGAGGGAGACGGAAAAGGGGAAAAA AAAGGAAAAAAGAAAGGGAGAGGAACCACGGGGGGAATTGAGGGGCCAGA GAAAACCGGGGGAAAGGGGGGAGGGAGAGCCGGGGCAAAAAAAGAGGAA CGGGAAGAAAAGGAGGGGCAGGGGGGAAGGGGGGGGCCGGAAAGACGGA AAAGATTGACACCAAAACACCAAAGAAGGGAAAAAAAAGGGGGAAGGAGG GGGAGCCGAGGGGGGGGGGAAAAGGAACCCCAAAAAAAAAAAAGGGGGGA ACCAAGGAAGGGGAAAACCGGAAAAAAAAAAGGAAAACCAAGGGGGGAAG GAAGGGGGGAAGGGGAAGGGGAAAACCAAAAGGGGGGGGCCAAGGGGAA AAGGAAGGGGAAGGAAGGAAGGAAGGAAAAGGAAAAGGAAGGGGAAGGG GCCGGGGAAAAGGAAAAGGGGAAAAAAAAGGGGAAAAGGGGAACCAAAAG GGGGGTTGGGGAACCAAAAAAAAGGGGGGAAAAGGAAGGCCAAGGAAGGA AGGAAGGGGCCAAGGGGAAAATTGGAAGGAAAAAAGGCCGGCCAAAAAAG GAAGGGGGGAACCAAAAAAAAGGCCAAGGCCGGGGGGAAAAAACCGGGGG GGGGGAAAAGGAAAAAAAAGGGGGGGGCCGGAAGGGGAAGGGGAAGGAA GGAACCGGAAGGAAGGAAGGGGAAGGAAAATTAAAAGGAAAAAAAAGGAA AAGGAAAAAAAAAAGGAAGGTTAACCGGAAGGAACCCCGGAAGGAAAAGG GGAACCAAAACCAAGGAAAAAAGGAAGGGGAAGGAAAAAAGGCCGGAAAA GGAAGGAAGGGGAAGGGGGGAAGGAAGGAAGGGGGGAAAACCCCCCGGA AGGAAAAGGAAGGAAGGAAGGAAGGAAAAGGGGGGGGAACCGGAAGGCC GGGGGGGGGGGGGGAAAAAACCAAGGGGGGAACCAAAAAAGGCCGGAAA AAAGGAAAACCGGAAAAGGAAAAAAAACCGGAAAAGGAAAACCGGAAGGA AAAAACCAACCTTGGGGAAAAAAGGAACCAAGGAAGGGGGGGGAAGGAAA AGGAACCAAGGGGCCAAAAAAAAGGGGCCAAAAGGAAAAAAAAGGAAGGA AAAAAGGGGAAAACCGGGGAAGGGGAACCAAGGAAGGGGAAAAAAAAAAA AGGAAGAAGGACAAGAAAAGGGACCGGAAGAGAGAACCCGGGAAGAAAGA AGAAAGGGGAACCGGCCGAAAGGAGGGCAGGAGAAAGGAAAGAAAGGAAG GAAGGGAGAGGAGGACCAGGAAGGGAAAGAGAGCAAAGGAGAAGGGAAG GGAGAGAAGGGGAGAAAAAAGGCCGGAAGGGGATAGGGAAAAAAAGAGAG AAGAAGGAAGGAGAGAGAAGACAGGGAGAGGGGGAAGGGGGGAACCAAG GCCGGAAGGAGGAAACAGGCCAAAAAAGAGAAAAACCAAGAAAGAAAAAG GGGGGGGAGGGGGAGGGGCGGGGGGGGCAAGAAAACATAAAGGAGGGGG AAACAGAGAAGGCAGACCAAAAAAGGAAACAACAAGAAGGGGTTAAAAAA AAAAGGGAGAGACAAAAAGATAAAGGGGAAAGAAAAGGAAAAAAAAAAGG AAGGGGAGAAGGGGAAAAAGGGAGAAAAGGAAAAGGACAGAGAAGGAAGG

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 G G G G G G TAAA G G GAAAAAGGCCAGGAAAGGAAGAGAAAGGGGGGAAAAG GAAAGGAAGGAGAAAAAAAGGAACCAAGGGACCCAGGCCCCGGAAAGAAG GAAGGAGAGAGAGAGGGAGGGAGAGGAAGAAGGGACCAGAAAAGGGAGG TAAAGGGAAGAACCGGGGAAAAGAAGGGAGGAGGGAAAGAAAGGAGAGG GGGAAAGACGAAAGAAAGGAAGACCGGCCAAAAGGAAGGGAAGAAGAAAA GGGAAGGAAAAAAGGAGAGGGGAGGAAGGAAAGCCAGGGAAAAGGCAACA AGAAAGGAACCGGAAGGTTAACCAAAAAGAGAGGAAAGGCCAAAGCCAGA A GAA $\operatorname{GA} A \operatorname{AACAGGAAGGGGAGAAGAGAGAAGGGGGAGGAAGCCAAGAGG}$ A GAGAAGGGGGGAACCGGGGAAGGGAGGAGTAGAGAGGGGGGAAGGCGA CAAGAAAAAGAAGACAAACTTCCAAGGCCCCCCGGAGGGAAGGAAGGGGA AAAGGAGGGCCCCAGGGAAGGAAAGAAGGGGGAAAGACAGAAAAAAAAAA ATTGGCCACAAAAGGAAGGAGGAGGAAAAAAGGGAAACAGGAGGAAAGGG GAACCAGAGGGAAAAGCCGACAGAAAAACAAGGCCAGGGAACCAGGGGGA A G G G G G G G G G G G A G GAA G G G G G G A A CAGGGAAAGAGGGAACCCAGGCAG ATGAGGAAAAAAACGGAAAACCAAAAGGCAAAAACCGGGGTAAGGAAGAG AA $\operatorname{HA} A \operatorname{G} \operatorname{AGGGGGGGGGAAAAGGAGCCAAACGGACAAGGGAAGAAGGGGA}$ AGGTTAGCCAAGGAAGGCCTTACAGACAAGGGGGGGGAAGGGACGGGGGA GAGCAGAAGCCAAGGAAAAAAAGAGGGAGCAGAGAAGAGAAGGCAGGGAA ACAGGACAAGAGGGGAGGAAAAACCGAGACCGGCCAAGGAAGACCAAAAG GAGAAAACCCCAAGGGGGGAAGGAGAAGGGGACAGAAGGAGAAGAGGAAA GAGGAAACCGAGGAAGAAAAAAGGGCAAAAGGGAACAAGGGAGCCGAGGG AAAGAAACCCGCCAGAGAGACGGAAGGGGCCGAAAGGGAGGCCACAAAGG CAACAAAAAAAGACGAAAAGGGGAACCGGGGGGAAAAAGAGAACAGGGGA AGGGGACCCAAGGAACAAAAAAAAAAAAACCGGGGGGAAGGGGAAAAGGC CGAGGGGTAACAGCCAAAAAAGGGGGAGGAAGGGGAAAAGGGGGGCGGA AACAAATTGCGAGAACGAGGAAGGACAAAAGAGGGAGGAGGGGGGGCCGG GGAAGGAACCAAAAAGACGAGACAGGAAAACAAAGAAAGGGGGAGGAATT

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AA A GGGGGCCAAGGGAGGGAGAGGGGGGGAAGGGGGAGGAAACAAGGAC CACCCAGGAAGAAGGAAAAAGGGGGAGAAAAAAAGGGGGTAGAGGAAACG AAAGAGACAAGGGGAAAGGACGAAACAATAGACGGCAGGAAGGAAAAAAG GCGGGGGACAAGAAGGGACAGAGGGAGAAGGCAAGAAAAAAGGGAGGAAA CAAGAGAGGAGGGGAGGCACAGGGAAAGAGAAGGGAGAAAAAAGGGGAAC CCCAACCAAAAAAGAGGCCAAGGGGAGCCAGAAAAAGGGAAAAGGAAACA G G G A GAAAAGGGGAAGGGGAACCGGAAAAGGAAAAAATTAAAGAAGGAAG G GAA G GAA G G GAGGGCCAAGGAAAAGGGGGGAAGGAACCCCAAGACCAAG G G G AACCAAGAGGGACCAAAGAAAGAAGGAAGGAGGGAAAAAAGAAAGAA AA G G G GAAGGAGAGAAAAGGGGGCCAAAGGGAGCAAAGGGAGGGGGGAA AGAGAGGGAAAAAAGGAGGAGAGGGGGAGGGAGAAGCCCCAAGAAAAAAG AAGGACCAAGCCAGGGAAAAGGGAGGGGGGCCGGCACCCCAAAAAGAGGG AAAAGGGGAAAGAAGGAAGGAAGGGGGGAAGGGGGGAGGAAGACCCGGG GGGGGGGGGAAGAGAACTAGAGAAAAGCAGGCAGAGGGGGAGAGGGGAG GAGAAAAAAGCAGGGGGGCAAGAGGGAAGGGGAAAAGGAAGGAAGGGGG GGGGGCCAAGGAGAAAACCAAAGAAGAGGAAGGGGAGAGGGACAAAACCG GAAAAAAAAAGAAAAGGAAAGGAGAACACGAAGGAAAGAGGAGGAGGAAA A GAGGGGGGGGGAACACACGAGGACAGAAGGAAGGAAAACCCAAGAAAGA AA GAAAAAAAAGGGGGGGGGGGAGGAACCAGCAGGAGGAAAACGGAAAAG AGGACAGCACCAAGGAACCGGGAGGGGAAAAAAAGAGACCCAAAAGGGGA AAACCAAACAGACAGAGGGGGAAAAGGCCGAAGAAGGAAAAGGAAACCCG G G GACAA G G G G G GAGAGCCGGAGGGAGGAAGAGAAAAGGGAAGGGAGAG AGACAAGGAGAGGGGGGGAAGAGAACGGTTAAAGGGAAAACAAGGGCCGG G GCCAGGGGGCAGGCAGGACAAAGGGAAGGCCGGAAGGAAGGGGAAAAA AAAGGCCGGGGAAGGAAAAGGACAGGAAAGGAGAGAGAGAGAAGGAAAGA GAGAGCACCGGAGAAGAAGGGCCAAAGAACCGCGAAGAAGGAAAGGGGGA ACCAGAAGGAGGGGAGGAGGGAAGGGGAACAGGACGGGGGGGGCCGGGG AAAGGGGGGGCCAGGAAAAGAGCCAGGGGGAAAGGAAAAAAAGAAGGGG GGAAGGGAAGGGGGGGGGGAAGGAAAAAAAAAAGGCCCCCCGGGGAAAA GGGGGGAAAAAAGGGGGGGGGGAACCAAAAACGAGGGAGGAGAAGGAAG GGGGGGGAAGGGAGGGGGAAGCCAAAAAAGATAGGAGAAAACAGGAGGG GGAAAAGGAGGAGGAGAAGGGAAGAAGAAGAGAGGAGGGGGGCAAAGGA CAGGAAGCAAAAGGGGGAGAGCCGGGGAAGGGGGGGGAGGGAAAAGGGG AA GACAGGAGAAAGGGGAAGGAAAGGGGCAAAGGAAAAGGAAGGGACCAG A G GAA G GAGGGGGAAGAAAAAAGGAGCCACGGAGGGAAGGCCGACCAGAA AGAAGGTTAGAAGGGGGGAAGAGGAAGACCGGAAAAAAAAGGAAAAGGAA AAAAGGAAGGCAGAAAGGACAGAAGGCCGGAAAAGGGAAAAGAAAGAGCA AA $\operatorname{l}$ GGCGGGGACGAGGGGGGAGGAAAAACCAGGGAGAGGAGAGGGAGAG GAAAAAAACGACAGGAGCCGGGGGAATAAGAACGAAGAAAAGGCCAGCCG AAGGAAACCGGGGAAAAGGAAAAGGGGAAAGCCGGGACCAAAGAGAGAAG AGAAAGGGAAAGAGAGGCCCCCCGGACAAAGCAGGAAAAGAAGGGAGCCA ACCGGAAGGGGAAGGAACCAAAAGGCCAAAAGGGGCCAAGGAAAACCGGA ACCAAGGGGAAGGAAGGGGGGCCGGAAGGGGCCAAGGAAGGGGGGCCGG AA $\operatorname{A}$ GCCGGGGGGGGGGGGAAAAAAGGAACCGGAAGGCCGGAACCGGAAA A G G G G AAAACCCCAAGGAAAACCAAAAGGGGGGGGAAAAAAAAGGAAGGC CGGGGAAAAGGGGAAAAGGCCGGGGGAGGGAGGAAGGGGGAGGGAAGAC TAGGAGCCAAGGAGAGCAGGAAAACAGGCACAAAAAAACCGGCCAGGGGG GAGAAAAGAGGGAAGGGATAAGGAGAGGGGGAGGAGGAAAGGAAGGAGA CAAAAGGAGGGGGAGAAAACCAAGGCCGGAAGGAAAGACAAGGGAGACAG AGAAAGAGAAGGAGAAGCCGGAAGGAAAAAAAGAGGGGAAGGGCCGGAGA GAAGAGAAAGAGGGGAAAAAAAAGAAGGGGAGGAGAAAAAGCAGGAGGGA AAAA A A GAGGGGGAGGAGAGGGGGAGGAGAAGGGGAGAGGGGGCCACCC AA G G G G G G G GAACCGAGGAAAAGGAAGAGGAAAGAAAAAGGAAAAAAAGA AA GAGGAAAAGGGAGGAAAGCCGGAGGGAAACAAGGCAGAGGAAAGGGAA G GCAGAAAAGAACAAAGGGGGGGAAAGGAAAGGGAGGGGGACAGGACAAA GGAAGGAAAAGGAAAGAGAGAGGGGGGACAGACCGAGAGGAAAGAAAAAG GAAGAGAAAAAGAGAAAAAGAAACGGGGAAAGAGCAGGGGAAGAAGGAGA AACCGAAAAAGAAGAGGGAGGGCAAGAAGAAGGGAAAAAGAAGGGGGGAA GGAACAGGGAGGAGGGGGACAGAGAAAAGGAAGAGAGGGAAGACGAGGA AGGAGAAAGAAGGGGCCAGGAGGGGAAAAGAAAAGGGGGAACCAAAAAAC CGGAAACAGACAGACGGGAAGCAGAGAGAAAGGAGGAACAAAGAGAAGAC

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 GGGAGGGGAAGGAAGGAGAAGGAGAGAGACACGAGAGGAAAGAGGGGGG GAAGAAGGGGAAAGATAGATTAGAGGGAAGGGGAGAGGGAACCACAGAGA G G G GAAA G GAAAGGAAGAAGGGGAAGGCCGGAAGGGGAAAAAAGGGGCC AAAAAACCCCAAACAACCAAAGAAGGGAAAGGAAAAGGGGGGAAGAAAGA AGAAAAGGAAAAAAACCCAGCCGAGACAAAAAAAAGACAGGAGAAGAGAT AGGGAAGGGGAAAAAGGGGGGGAAAAAGAAAACCAAGGGGAAACGGGGAA G GAAAGGGCCCAGGGGGACCAAAAATCAAGAGAGCAAAGGGGCCAGGGAA AA GAGGACGGAGAAGGAGAAAGGACAGAAAGGGAAACCAAAAAACCGGGG AGGGAAAAGGGGAAAGGGAAGGCCAAACGGAAAAAACCGGGAGGAAGGGG AACCAAAGGAAAGGAGGAAAAAGGGGCCGGTTGGGGAAGGGGGGAAAAG GAGGGTTGGGAGAAAAAAGCAAAAACCGGCAAAGGAGGAGGAAGGAGGGG GTTAAAGGAAAAGGGAACGAGGGGGAAAAGAAAGGGGAGCCGGGGGAAAA AGGTTAGAGAGCCAGCCAAAAGGGGGGAAGACCGACAAACAAAAAGGGGG G GAA $\operatorname{l}$ GGGGGAAGGGGAGAAAGGGGGACAAGAGGGAGAGGGGGAGAACA GGGGACGAGGAAGGGAGAGAAGGGGGGGGAAAGGGGCCGGAAGAGAAAG AAGAAGGAAGACCAGAAAAAGGGAAAAGGAAGAGAGAACAAAGAAAGGGA AGCGGGGCAGGGGGGAAGAAGAAAAGGAAAAGGAGGGGGGGGAAAGAAG AA $A$ AGATTGGGGAGGGGGAGGAAAGAAAGAGGTTCCGGAAAAGGGAACAG CAACGGAGGACAGAAGGGAACCAGAAGGAAGGAAAGGAAGAAAAGGACAG AAGGAAAAAAGGAAAAAAGGAAGGAAAAAAAAAAAAGGGAGGGGAAGAAA GAGGATCGAAAAACGAAGAGAGGGCCAGAAGGGAAAGGATGGGGAGAAGA A G C C G G G G GCGGGGGGGGAAAAAGGGGGAGGGACAAGAAGAAACGGAGA GAAACGGCGAAGGAGAGGGGGCAGAGGGGGGAATTGGAACCAAGACCAAG AGAGGAAAAAAAGACACAGGGGGGAAAACGAAGGAAGGGGAGGCCGGAAA G G G GAC G G GCCAAGGCCAGCCGCGGGGGGGAAGGGAAAACCGGGGGGAA G G G GAA G G CCGGGGGGAAAAAGAGAAAACCAACCTACCGAAAGAGGGGCC AA G G GAGGGGGAAAGAACAACCAGGGTAAGACCCCCGAAGGGCACCAGGG AA $\operatorname{l} \mathrm{G}_{\mathrm{G}} \mathrm{GG} \mathrm{GACGGCCCCAAAAACGGAAGGACAAAAAAAGAAGGGGGGAGGA}$ ACAACCAAAATTAAGGGGAAGAAAGAAACCAAAAGGGGGGACACGGGGCC AAAAGGAAGGAGGGAACAAACCGGCCAGGGGGAGGGAAGGAAAAACGGGG G G G G G G G GAAGGAAAAAAAAAAAAGGGGGGAAAAAACCAAGGGGGGAAAA AAGGAAAAGGAACCGGGGAAAAAAGGGGAAAAGGAAAAAAAAAAAACCAA AAAAAATTAAGGGGAAAAAAGGGGAAGGGGGAAAAAGGGGAAAAGGGGAA AAGGGGAAGGCAAACCAAGGAACCACGGGGGGAAAAGGGGCAATAAAGGA CAGAAGAGAAAAGGAGAGAGAACCGAAAGAGAGAACGAAACAGGAGAAGA

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AA G G GAA $A$ AA G G G G GCCCAGGAAGGGGAGGGGAGAAGAAAGGGGAGGAA AACGAGAGGGGGGGAAGGGGCAAGGAGGAAAAAAGGAAAAGGCCGGAAG G G G G G AACCGGGGGGCCAAAACCTTAAGGGGAACCAAGGAAGAGGAGAGT AGGAAAAGGCAAGAGGGAAGGAGGAGAGGAAAAGGAAAAGAAGACGAAGC AAAAGGGAGCCGGGAAGGAAAGGGGGGAAGGGGAAGGGGAGGACCGGAG GAGAGGGGCAGAAAGGGGGGAAGGGGGGAGGGGGAAAGGAAAAGCCAGG G G G G G G G G GAA $\ln$ GAAAAAGGGAGGGAAGGCCGGAGGGGGGAGAAAGGAG CCAAGAGGAGAAGAAAGGGGAATTCCAAAAAGAGAAGGCCGGGGGGGGAA G G G G A G A A A G A A G G GAGGAAGGGGGGAAAAAAGGAAGAAAAAAAGAGGCC AGAAGGGGAAAAGAAACCGGGGAAAAGGAGCAAAAAGAGGGGAAGGGGAA AACCAAGGGAAGAAAAGGAGGGAGGGAAGGAGAAAAAGAGGAGGAGAAGG GAAGGAGGAAAGGAAGCAAAGGAAGGAAGGCCAGCCAAAGAGAAAAGGAA GGGGAAAGAAGGGAAAAGGAGGAGAAGGGGAGGGAAGGAAAAAAGGACA AAAGGGAGGGAGGGGGAGAAACCTTGAGGAAAAAACCGGAGAGAAAAGGA AACAGAAAGAAGGAACCGGACAAAAGGGAGGAAAAGGGGGGAAAAAGCCA GGGGAAAGGGGAAAAAGGAGGCAGGAAGGGGGGAGGAAGAACCCCGCCC ACAAGAACGAAACGAAAAAGAGCCAGAGACAAGGAAGGAGAGAGGGGAAT A G G G GAGGGAGGAGGGGGGGAACCAAAAAAGACCAGGGGACCAGGGAAG GCCAAAGGGAAAGGAAAGGAACCAAAAAAACAGGGATAACCAAGAGGGAG GAAGGGGGGCCGGAAGGAAGGGGACGAAAAATTCAGGAGGGGGAAAGAA
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 A G G G GAGGAAGACCCACCGGACGGCCAAGAGAAGGCCCGGCAGAAAGGGG G GAAAGAGGAAAAAGGGCGAGGAAAACCGGAGAGAGAAGGGGCCAGGGCC G GCCGGGGAAGGGGGGGGAAAAGGAAAAAAAAACGGGGAGGAAAAGAACC AGAAGGAGAAAAGGGGAGAAAAAAAAGGAAAAAAATAGAAAAAGAAAAGA GAAAGGGGAAAAGAGAAAAGGGCAGGAAGGAAGAAGGGGGGGGGGAGGG
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AGGAAGACAGGCCAAGGAGGGGGAAGGAAGGGGAACCCCCCCCGGAACAA ACAGGAAAAAAGGGGGGTTGGACAACCAGCCAAAAGGGGGGAAAAAGGGA A GAGGAAAAGGAAAGAGGAGGGGGGAAAAAAGGGGAGGGGAGGGAAAGG AGAGGGGGTTAAACGACAAAGGCCAAAGAAAGAGGGAAGGAAGGACGGCC AA G GCCAGAGGGGGGGGGGGAAAAAAGGAAAACCTAAGAAGAGGAGGAAG
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 GAAGGAGGAGAAAAGGAAGGGGAACCAAGGGAAAAGGGAACCGGAGCAAC AGGGAAGGAAAGAAACAAGAAGAAGGGAACGAGAAGAAGGAAGGGGAAAG CCAACCGGACAAAGGGAGAGACGGAGGAAAGACAGAGGGGGGGGGGGGA A G G G GAGGGGGGGCAGGGGGGAGGGGGAAAACCGAAGGAGGAGAACAGG CAAGGACCGGGGGGAGGAACGACAGGGGCCGGAAACGAGAAGCCGGGGA GGGGGGGGAAGAACCGGGGCCGGGGTAGAAGCCGGGGGGGGGAGGCCAA GAGGCCGGGGAACCCAGAGGGGGGAAAAAGAAAAGGGGGGAAGAGACAG AAAGGGAGGGAAACACCGAAAAGCCAAAAAAGAAGGGCCGGCCGAGGGAC AGAAAAAGAAAGAGGGGCCGGGGAAAAGAGGGGGGAAGGGGGGGGGAGG AGAACCAAGGGACCAAGGAGAATTAGGGGGAGGGAAAAGAGGACGGAGAA G GAAAACACAGAAGGGGGAAGGGGGGAACCGGGGCCAAGGGAAGAAGATA CACCGAGGGGAGGGGAGGGAGGGGCAGGCCGAAGAGAAGGAAAAAAAACA AACCGAGAAAAAAGAAAAAGAGGGGGCAAGAGAAACAAGGAGGGACAAGG AA G GAACCGGGGAGAAACGAGAACAGGAAGGGGAAAAAGGGGGGCAAGG GAAGGCCAACCGAGGGGGGGGGGGGACGGAAAAAAAGGAGAAGAAGGGG GGACATCAGGAAAAAAAGGGAGGGAAAAAAAAGGAAGGGGAACCAGAAAA G G G G G GAA G GAAAACCAAGGGGAGAGAGGGAAAAAAAAAGGAAGAGAAAG AGAAAAAAGGCCCCAAAGGAACGAGAGAAGAGGGAAAAGACCAAGGGGAA AAAAGGGGGGGGGGACGAACGGAAAGACAGGAAAGGAGAACCAGGGGGA AACGGAGGAGGGGAAGGCCAAAGAAGGGGCCAAGAGGGACCAGGGGGCC GAGGGGCAAGAGGGGGAACCGGAAAGAAGAGGGAAGGAGACCGAGGGGA GGAGGGAGAAAAAAAGGGGGAACAAGGGGAGAAAGAGGAGAAAGGAAAAA AAAAAGAGAAAAAAGACGAAAGGGGGGGGGACAAGAGAGGGGAAGGGAAC CAGCAGAAGGGAGGGACGGAGGAGGAAGGGGAAAGGAGAGAAGCAAAAA GGAAGAGGAGGGCCGGAAAAAAGGAAAAGAGGAGAGAGCAAGAGAAGGAA GGAAGGAAGGAGAAGAAGGAGGAGAAAAGGAAGAGGGGCCGGGGGAGGG A G G G G GAAAAAGGAGAAAGGGGAAAAAGGAAAACCAGGAGGACGGGGGG GAAAGGAAGAGGCCAAGGCAGGCCGGCAAAAAAAAGAAAAGGGGGAGAAA A G G GCCGGAGAAGGGGAGAGAGGAAGGAAAGGGGAAGGAAGAAGCAAAA AA GAAAAGAGGAAAAAGGGCCGGAAGGAAAAAAAGAGGGAAGGAAGGAAG GAAGGCAGGAGGAGGAAAAGAGAAGAAAGGAAAAGAAAGAGGAGGGAAAG GCAGAAAGGACCAAAGGAAAAGAAGGGCCAAGAGGAAAAGACCAGAAGGC CGGAGAAAAAACCAAGGAAAAGGAAGGGAAGAAGGAAGGAAGAAAGGGAA AA $\operatorname{GAG} \operatorname{AGGGGGAGGGGAGAAGGGAACAGCCAAAAGAGAGGGAAACAAGGAA}$ G G GCAACAAAGGGGGGGGGGGCCAAGGAAAAAAAAGACCAAGGAGAAACA GAACCGGGGAAGGCCGAAGAAGAAAGGGGGGGAAGAAGGGGAAGGCCAA AAAGCAGGCGGGGGAAAAAGAAGAGGAAAAGAGAATGAGGAAGGAAAAAA AGAAGAGAGAAAGAAGACAAGGAAGGAAACGGAGCCGAAAGAGGAAAGGG AGGGAAAAAGAGGAGGACGAACGGAGACGGCCGGGGCCGGAAAAGGAAAG GGAGAGTTGGGGCCGGGGGACCGACACCAGAAACAGAGGGCAGGAAGGAA

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 G G G GAAAAAAAAAAGGGGGGAAAAAAGGCCGGAAAAAAGGCCGGGGGGAA G G A A A A G G G G G G G G G G G G G GAAAAGACCGGGACAAGACGGAGAAAAGGA GCCAA G G G GAAGGGGCCGAGAAGGGGGAGAAGGAAGACCAAGGGAAGGA GAAGAAAAAGGAAAAAGGGGAAACCGGAAGAAAAGGACCCGGGGAAGGAG CCAGGAAGAGAAAGGGGAAAAAGGACAGAAACGGAGGAAAAAAAAGGGAG AGAGAAGGGGAAAAACCCAGAGAGAAAAAGCAGGCCAAAAAAAAGGGGAA CAAGCAAACCGGAAAGGGAAAAAGGGAGGGACGGACAGGGGGAGGGAAAG AGAGAAGGAAAGGGAAGGACGGCCAAAAGGCAGAGGAACCCAGGACGAGA G G G A G G G G G G G G G G G GCCAAAACCGGGGAGAGCCCAAAACAGCAACCAAG AAGGAACCGGGGGGAAAAGGGAACAGGAAAGGACGGGCACCCGGCAGGAG GGAAGAAAAACAAAAAGAGAGAAAAGAAAACCAACCAAGGAAGGGGAAGG GGAAAAGGAAAAAAAAAAGGGGAAAAGGAAGGAAGGGGGGAAGGAAAAAA AAGGAAGGGGAAGGGGAAAAGGAAAAGGAAAAAAGGAAGGAAGGAAAAAA GGAAAAGGAAGGAAGGCCTTAAGGGGCCCCAAGGAAAAAAGGAACCCCGG GGAAAAAAAAGGGGAAGGAAAAAAAAGGGGAACCAAAAGGGGAAAAAAAA CCGGAACCAAAAAAGGGGGGGGAAAAAAGGGGGGGGGGAAAAGGAAGGG GAACCCCAAAAAACCAAGGAACCGGGGAAAAGGGGGGCCGGGGGGGGGGA ACCAAGGAAGAAAAAAGAGAGAAAAGGCCAGAACCAAGGAAGAAAGGAGG GAAAGGGTTAAAGGGGGGAAAAGCCGGAAGGAGGGGGAAAAGGGGAGAC G GA GCCAAGGTTAGGAGGAGAAAACAAAGGAGGAAACAAGGGACAAAACA GGAGCCAGAACCCAGGAAAGGGAAGAAGAAAAAGGGGGGGGACAAAAGGG A G G G G G G G G A G G G G A A A A A A A G G G A G G G G G G G G G G A A A A G G G G G A G G A G A GAAGAAGAGAAGGCCAGAGCCGGAGAAAAAAAAGGAAGGAGGGGGGAAAA AA G GAAAAGAGAAGAGGGGGACCGGGAGAAGAAAGGGGGGGGGAAGGAG G GAACCCCAAGGAAAAGGGAGGGGAAGGGGAGGGAAAAAAAGGAGGAAAA AACCGGTTGGCCCCAGCGGAAGGAAAGAACGAAAAAGGGAGAAGGCAAAA A GCAAGGGGGAAGACAGGAGGGAAGAGAGGAGGGGGAAGGAAAAAGAGA GAGAGGAAGCCGGAAGGCCGGAAGAGAAGAGCAGGAAGAGAGGGAACAAC CCCCCGGAAAGAAGGAAAAACCAGGAAAAGGGAAAGGATAAAACCTTAAA GAAAGAAAAACACGGGGAAGGCCGGATAAAAAACCGGAAAAAAAAGGACG GGACACCAAACAAACAGAGGGAAGAGGGGAAGAAAGGGGAGGAGAAAGGA

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$28126000-9$ G G G G G GCCAGGGAAAGAAGGGGGGAAGAAGAGAAAAAGAACC CCCCGAGGGGAGCAAGGAAGGGGGCCGGCAAGAACCGAGAGGGGGAGGG GGGCCGGGGAAAGACGGGGCCAGGGAAAGCCAAAGGAGGAGGAGAAGGG AGGGCCGGAGAAGGGAGGAACCGAGAAAAGGAGGCCGGGGCCGGGGGGG GAAAAGGGAAAAACCAAACGGCCAAGGGAAAGGAGGAAAGGGGGGACGGA CAGGAA GAGGAGGGGGGAGGGGGGGGAAAGGGGGCGAATAGGAAGGAGG GAGAGGGACCAAAAAAAAAGAACCGGGGGGCAAGAAAAAAAAAAGAGAGG A G G A G G G G A A G GAAGGAAGGCCGGGGAGAGGGCAGAGGGACCGGGGGAG AAAAGAAGGAAACGAGCAGGAAAGGAAGGAACCGGCCACCCAGGGAAGGG GTAGGAAAAAGTTAAAGAAGGGGAAGGAACCGAGGAAAAAACATTCCGGA GACGGAGCAGAGGAAGGGAAGGAAAAAGAAAGAAAAGAACAGAACGGAAA AGGAAGGAAAGGAAGGGCAAAGGGGCCGGAGGGAAAACCGGAAAAAACCA ACCGGCCGGCCGGAAAACAGGGAAAAAGGGGGGGGGGAAAAGAGAAACCA AAAGGAGGAAGCCGGGAGGAAAAAAGGAGGGGACAAGAAGAGGAGAGGAC CCAAGCAGAGGAAAAAAAAAAAAGGGGAACCCCGGAAGGGGGGAAGGAAG GCCGGAAAAAAAAAAGACCGGAAGGGGCCAAGGGGGGGGCCGGTTGGGG AAGGGGAAAACCGAGAAACAAAGAAGGAAATAAGCCGAAAGGGGGGCCAA

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G GAAGGAAAAGGCCGGAAAACCAAAGACGGAAGGAAGGAGAAAAGAGAAA AGAACCAAAAAAGGAACCGAGGCCGGCCAAAAGGGGGAGAGAAAAGACAG G GAA $\ln A \operatorname{GA} A G G G G G G G A A A C A A C A A A A A G G G G G A G G A G A C T A G A G A A G G$ GGAAAGGGAAAAACAAGGGAAGGAAGAAACCAACCGGAAAAGGAACGAAG AAACACCCCAAGGGGGGAGAAAAAAAAGGCAAGGGAACCCCAGAGGGAAA
 G GAA $\ln \operatorname{GA} A \operatorname{G} \operatorname{GAT} \mathrm{G}$ GAGGGCAGAGAAAGGGGAAGGGGGGAACCAAAACCG AGGAAGAAGAAACAGACAAAGAAAAGGAGAACCAAGGAAGGAGAGGGGAG AAACCGGAAAGGAGGAAAAAAAGGGCAGAGAAGAAAAGAAGACAACCAGC GGGGGCACAGGGGAGAAAAAAGGGGAAAAAAGAGAATTTCCAACCAGACG AAGAGAGAACCGGAAGAGAAAAAGGGAGGGGGGGAGGAAGGCCATAAGAA AGGAAAAAAAGAAGGAAAAGGGGAAAACCAAAGGAAGAGGGCCAGAAAAG GAGGGCCGGGGGGGAAGGGAAGGGAAGGAGAAAGAAGGGAAGGAAGGAG AA $\operatorname{l}$ GCAGGGGAAAAGGGAGGGGGGGAGAAAAAAGGGGGGAAGAAAGAAG GGGAAGGGGCCGACCGAAGAAACGAGGAGAAGGGGGGGGAAGAAAAAAA G G G A G A G G G GAAGGGGGGCCAAAACCGGGAGGAACCGGAGAAAAGAGGG ACCGGCCAAAAAAAAGAGGAAGGAAGGGGGGGAAAGGGGGGGGGGAAAA AAAAGGGGAAAAGGCCAAGGCCGGAAAAGGCCAAAAGAGGGAAGAGGGGG GAAGGAAGAAAGCCGGAGAGGGGGAAGGGGAGATAGGGAAGAGGGGCAA ACCAAAAAGGGAACAACGGGGGGGGAAAAAACCGGGAAGAGGGAGAGAGG GAGGAGGAGAAGGGGAAGAAAAAAAAACCGGGGAAAAAAAAGGGGGGAAA AGAAAGGAAGGACGAAAGAGAAAAAAGGGGGCCAAAACAAAGAACCAAGG AAAGAGGGGGGAGAGAGGAAAACCCGGAGAAGGAGAAGAGAGGGGGACC AGGAAACGCAGGGAGGAAAGAGAAAAAAGAAGAAGAAGAACCGGAAAAAG AGGAGGAGGAGAGAGAGGAGAGAAACGAGAAAAAGAGGCCAAAGGGAAGA GATAAAAAAAAAGGAAGGAAGGGGGAAGCAGAAGGAAAGAAGGGGATAAA GAGGGGGGGGCAGGGAAGGGAGGGAAGAAACCAAGAGGAAAAAGAAATCC ACAGGGCACAAACCAACCGGGGGGGAAAGGAAGGGGAAAACCCGGAGGAG AACCACGGAACCGGAAGAGGAAGGAAAGGAGGGGGGAGAGGAGGGGAAG GGGAAAAGGGGGGAAGGGGCCAGGGGGGGGGCCGAGGGAAGAAGAAAGG G G G GAGGGGCTTCCGGGAGGGAAGCAAACCCCGGAAAGGAGGGGCCAACC GAGGGGGGGGGGAGTAAGAAGGAGAAGAAAAAAAGGAGGGAAAAAGAGG GAAAGTTGAAACAGAAAAGAAGAAGAAGGAAGGACAGGGGGAGACGGGGA AAAAGCCCAAAGGGAAGAACCGGCCGAAAGGCCAACCGGGGAAGGGGCCG AA $\operatorname{l}$ GAGGGGGGGACCGGGGGGGAGGAGCAAAGGAGAAGAAAGACCGGGG CA $\operatorname{l}$ G G G G G G G A A C G CAAAAGGGAAGGCCAGGGAAAAGAGGGAAGAGAGA G G GA GAA G GAGGGGGGGAGGATTAAGGAACCGGAAGGCCGGGGCCGGGA G G G A A GAGAGGAGAGGAAGGGAAAGGCCGGCAAGAAAAGACCAAAGAAAC AA $\operatorname{GAA} A \operatorname{AA} \operatorname{Ag} \operatorname{AgAAGGGGGAAGCCGGAAGGAAGGAGAGAAAAGGAAGGAA}$ CCCAAACCGGAGAGGGGGCCAAGGGGGGGAGGGGAGGAGAAAAGGGGAC G G G A A G G G G G G A G A G G G G G A A G G G A G G G G G G G G A A A A A A GAAAAA G G GA AAAGCGGACAAAGGAAGGGAAAGGAACGAGGGATACAAAAGGAGGAAAGG GGGGGGGAGAAGGGGGAAAAGGAGCCAAAAAAGGGGAAAGGGGCCAAAA AGGGGAGAAAGGAGGAAAAGGCCAAGGAAGGGAGAGGGAAAGGAGGGAA AAAAAGCCGGAAAGCATTCCAACCAAAAAAGGGGAAAAGGGAAGAAACAA TTAGGGGGAAGGGGAAGAACGAGGGGAACAGGGAGGAAAAGGAAGGGGG GGGAAAAAAAGGGGAAGGGGAAAAACAGGGGGGAGGAAAAAAGACAAAGG GAATAAAGGAAGAGAAGCCAGAGAAGGAAAAGGGGAGGGAGGGGGCAAAG GCCAAAGGGGGGGAAAAAGGAAAAGGGACGGCCGAGGAAAGCCGAGCAGG
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AA G G GAA $\operatorname{Ax}$ AAAGGGGAGGAGAGCGGGAAAGAGGAGGGAGGGAAAAGGG GGGAAAAGGAGGGAAGGGAGGGGAAGGAGGGGGAACCAAGGGGGGGGGG AAAAAAAAAAAAGGAACCGGGGCCTTGGGGGGGGGGAAGGGGAAAAAAAA GGAAGGAAAAAAAACCAAAAAAGGAAGGGGAAGGGGGGAAGGGGAAGGG GGGGGAAGGAAAAGGGGGGAAGGCCGGAAGGGGCCGGGGAAGGGGGGGG AAGGCCAAGGGGCCGGAAAAGAGAAAAAGGAAGGGGAAAATTAAGGAGGA CCAAGGGGGGGGAGAAGGGGAGGGAACCAAAAAGAAAAGGAGCCAAGGAA AAAACCAACCGAGAGGAAGGCCTTGGAAATGGCCAACCGGGGGGAAAAGG GAAGGAAAAGAAAAAAAAGGGGGGGGAAAGAAAGAAGGAGGGGGCAGGAA CAGGCCAAGGAAAACCGGAAGGAAGGGGAAGGGAAAAGAGAGAAGGGAAA GGAGAAAAACGGGAAATTGGGGAAGGGGAAGGAGAAGGAGGGAAGGGGA AGGAGGGACAAGGAAGGGGAAGGAAAAGGCCGGGGGACAGAGGGGGGGG GGGGGCGGAAAGGGGACCGCCCGGAAAAAAAACCCACAAGAGAGCCAAAA AACCAAGGGAGAGAAAGGAGGGGGAAGGGGAAGGGGCCAAGGAAAAAAG GGAGGGGAAAAATGGGAGAAAAGAAGAGAAAAGAAGGGGGAGGAGAAATA AAAGGGGGGAAAAGGGAACCAAGAAGGAAAAAACCACAACCGGAAGAAGA AGGGAGAAGAGGGAAAGCCAACCGAGGGAAAAAGGGGGGGGGGGGCCAA GGCACCGGGAGGGAAAGAACCAGGACGGAGGGGAAACCGAAACCGGGGG GGGGAGGAGGAGGGGGGAAAAAAAAAAAAGGAAAACCAAGAGGGAACGGA GGGTTGGAAGAGAGGCCAAGGAAAAGGGGAAACGAGAGGGGAAGGAAAG GAAGAAGAAAAAGGGGGAGGACAAAAAAAAGGAAAAAGGAGAAGGAGAAA GAAGAAGGAAAGCCAGGGCCAACAGATAGAAAAAGGGAAGAGCCGGGGGG AACCGGAAGAGAGAGGGAATTAGAGGGGAAAACAGAGGCCGGGGAAGGG GAGAAGGGGAAAGAGCCAGGACACCGGGGACTAAAGAAAGAAAGGAAGGA AGAAAGGAAGGAAGAAAAACCAAGGAAGGCCAAGGAAGGCCACGGAGGAA GGGAAGGGGGAAAGGGAGAGAAAACGAGGAAGGGGGGGAAGCCACAGGA AACCGGTTGAGAAAAGGAGGGGAACCGGGGAGGGCCGGAAAAAAGGGGA GGAGGGAGAAGCCAAGGGGAAGCGAACAAACCCGGAACCAAGGGGGAGGG AGAGGAAGGAGAATTAAAAGGAGAGAAAAGGGGGGCCGGGAGGAAAAGGA GGGAAGGCCGGGGGGAAGGAAGAGAGAGGGGGGAAGGGAGAAACCGGAC AAAAGGGGAGGGGAATAAACAGAAAACCGGAAGGGGCAGGGGAAAGCCAA AGAAGGAAGAAAAAAAAATTGGAGGGGAAGCCGGAAAAAAGGAAAACCGG AAAAAAGGGGAAGGAAAAGGGGGGCCAAAAGGAAGGGGGGAAGGGGAAG GAAAAAACCGGGGAAGGAAGGAAGGAACCAAGGAACCCCGGGGAAAAGGA AAAGGAAGGAACCGGAAAAAAAAGGCCAAGGGGAAAAAACCAACCGGCAG AA G GAAGAGAAGGGAGAGGAGGGGGGAACGGGGGGGAAAGGACGGGGGA ACAGGGGGGGACGAGGAGGGGGGGAAAAGGGAGGGGAAAGGGAGAAAGG A G GCCCAACGGAGGAAGGGAAAGGAGAAAGGGAAGGAGAAAGGAGAGGG GGGGAAGGAGAGCCAGGAGAGGGGGGGGGCGGAGGGAGAGACGGCCAGA AGGGGCCGGTTAAGGAAAAAGGAAAAAGGAGACAGGGAAAGGGGGCCAAG GAAGGAAGGAAAGGAGGAAAAAAGGCCACAGAGAAGGAAGGGGAAAAAAG GCCGGAAGGGGGACGGGGAGGAGGCGGAAACAAGGGGGGCCAAGCGAGG AGGGGGGGAGGGGGGGGGACAGAAAGGAGGGGAGAAAGGAACGGAAAGG GAAAGGGACGGAAGGGGAAAAAGTTGGAGGACCGAGGAGAGGGAACCGG GGGGCCCCAAACGAAAAAGGGGAACCGGGGGGAGGGAAACTTCCAACCCC AAAGGACGGAAAGGCCGGGAAAGGGGAGGACAAAGAAAGGAAACGGAAAG GAGGGAAAGGGAAACCCCAAGAAGGGGCAGACAAGGACAAGAGGGAAAAA AAAAAAACAGCCAAGACCGGGGGGGGCACACAGACCAGGGAAGGAAGGGA GGGGCGGGAAACAACAGGAAAAAAGGGGAAGAAGAAAGCAAAGGAGCCAG CCCCAAGGGGAGGGGGAAGGAAAGAGGGGACCAACCAGGAAAGGAAAAAA AA G GAACCGGTTAAAAGGGGGGGGAAAAGGAAAAGGAAGGGGGGGGAAC CAAGGAAGGAAAAGGAAAAGGGGGGGGAACCAAAAAAGGAAAAAAAAGGG GGGGGAAAAGGGGAAAAAAGGCCAAGGCCGGAAAAGGAAGGCCCCGGGG GGGGGGAAAAGGGGAAGGAACCAAAAGGAAGGAAGGCCGGGGGGAAGGC CGGAAAAGGGGCCACAAAGAAAAGAGACGGGGGGAGGGGGGAAGGGGAA AGGAGAGGGGGAAGGAAAAAAAAGAAGAGAGGGCGGCCAAGAAGAAAGAG AGAAAGAAGGAAGGGGGGGGCAAGGGACGGGAAACACAAGGAAAGAGGAA AAAAGAGGAGAGCAAAAAGGCCAGTATTCCGGGAACAGGGAAGAAGGAGG AAATGGGGGGAAAGAAAAGGGGGGAAGGGGGGGGCCGGGAGAAAGACCG AAAAAGGAAGGAAGGGGGGGGGGGAGGGGGGAAAAGGCCGAAGAAGGAA GGAAAAGGAAAAAACCGGGGAGGGAAAGGGGGAGAGAAAAGGGGAAACG

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 A G G G G G G A A G G CCAAA GAGCACAAAAAAAGGAGGGAAGGGAGGGAAGCCG AAGAGAGGGAACCCCGAGGGGAAGGGGAACCGGGGAAAAGGGAAAAGAGA AAAAAGGAGAAAGGACCAGGGAGCCACAAACGCCCAAGGAAAAGGAAGGC A GAAAAAGGAGGAAGAGGGCCAAGAGGCAAGGGAACCCCAGGGAAACGGA GGGAGGAAACCAAACAGGGAAAAAAGGGGAAAGAGAAAGGAGGTTAAGAA G G G A G G G A G A C G A G G G G ACGGAGGGACGGGGGGGAAGAAAAGGGGGGGG AA $\operatorname{A} A \mathrm{~A} G \mathrm{G} G \mathrm{G}$ GAAGGACGGCCAAGGGGGGAAGGAAGAAGAGAGAGAAGGG

GAGGAGAGAAAGAGGAAGGAAGGGGGAGAAAGAGAGAAAAGGGGGAAGG AAAAAACCGGGAGAGGAGGGGGAAAAGCAGGGGGAAGGAAAGAGCCAAAA AGAGGAAAAGGGAGGACCGGAAGAAAAACGAGAAGGAAGGAGAGGCAAGG AAAGAGGAGGAGAAAAAAAGAACCGAAGAGGGGGACGGCGGACCAAACCA AAGAAAACGAGAGGGGAGACCCGGCAAAAAGGCCAAGGAGAGGAAAAGGG GAGGGAGAGGGGAAAAAAGGAAGGAAGGGGGGAAGAAGGGAAGGAAAAA AGGAAAAGGGGGGAAAAAAAAAAAAGGAAAAAAGGGGAAGGCCGGAAAAG GCCAAGGAAGGAAGGAAGGAAGGAAGGGGAAGGGGCCAAGGGGGGGGGG AAAAAAAAAAGGGGGGAATTGGAACCGGAAAAAAGGGGAAAAGGAAGGGG GGAAGGAAAAAAGGGGAAGGAAGGGGAAGGAAGGAAGGGGGGAACCGGC CGGGGGGGGGGGGAAGGGGGGCCAAAAGGGGGACCAAAAGGAAGGCCAA AGGAGAAGGAGGGGGAGGGGAGAAGGAGAAAAGGCAACAAGGGGGGGGG GGAGGGGCCAAAAGAGAGGATGGGGGACCAAAGGGAAAGCAGAAGGAGG AAGGAACCAGGAAAAGAGGCAGGGAGGAGAGAAGAAACGAGGGGGGGAG GTTAAATGGGGGGGGAAGGGAAGGGGGGGGGGAGGAGAAGAAAAAAAGG GAGCAGGGGAAAGGGGGAGGAGGGAGAGAGCAAGGGGAAAGGGGAAAAG AGGAAGGGGGAGGGGGGGACAAAGCAAAGATGAACCAACGGAAAGGGGAA AAAAACCAGGGAAACGAGGGGAGAGAAGGAACCAACCACGAGAGGGGAGC CCCAAGAGGGGAACAGAGCGAGGGGGAACAGGGAAAAAGGGCCACGGGAA AAAAGAAAGCCCCGAAAAAAGAACCAAAAAAAAGAGGGGAGAAAACCGGG GAAAAGGGGAAGGAGGACCGGCCAAGGACGAAAAGAGGGGGGGGAAGGG ACGAGGGGAGAAAAGGAAAAGGAGGAGGGAGAAAAAAGGGAAAGGAGAG GGGCCACAACCGAAAAAAAAGAGAAACGGAGGGAGGGGGGGCCCAAGGGG GAGAGAAGAAGAAGAGAAAGAGAGAAAGGAAAGACAAAGAAAAGGGAGGG GACCCAAAGCCAGAAAAGGCCAGAACAGAGGGAAGAAGAGGAAAACAGGG GGAAGCCGAAAGGGGCCGAACCCAAAAGAAAAAAACCGGGAAAACGAAGA CGGGGCAGGATGGGGAGGGAGGAGGGAGGAAGGGAAACCGAGGAAAAAC ACCCGAGGAGGGGGGGCCAAGAACAAGGGAAAGGAGAGAAGAAGGGTTG GGGAAGAGAGAGAAAACAAGAACAGCAGGAAGGGGGGAGGGAAAGGACAA CGAGGCCAACCAAAAAAGGGGCCCCCCAGCAAAAAGGGGCCAAGGGGAAC CGGGAAAGGAGGAAGGGAAAACCGGAGAGGGAGGGCCTAAGAGAGGGGG GGCCGGGGGGAAGGGGAAGGGGGGAAGGGGGGCCGGAAGGGGAAGGGGC CAAGGAAGGGGGGAAAAGGAAGGCCCCGGAAGGGGAAGGGGGGAAGGGG AAGGCCGGAAGGAAAAGGAACCCCAAAAGGAAGGAAGGAAGGCCGGGGGG GGCCAAAAGGAAAATTCCGGAAAAGGAATTGGAAGGCCGGGGTTAAGGCC GGAAAAGGAAAAAAAAAAAAAAAACCGGGGCCAAAAGGAAAAGGAAGGAA GGAAGGGGAAAAGGAAAAGGAAAAAAGGGGAAGGGGGGAAAATTAAGGG GAAGGGGGGAAGGGGGGAAAACCGGAAAAGGGGAAAAGGAAGGCCAAAAC CAAGGAAAAAAGGAAGGAAGGTTCCGGCCCCAAGGGGGGCCCCGGAAAAA ACCAACCCCGGAAGGGGGGAAGGAAAAGGGGCCGGGGGGGGGGGGGGGG AGGAAGAACCAAAAGGGAAGAAGGGGGGAAACAAAAGGGGGGAAGGGACC GAGGACTTGGGAAACCGGAAAGGGGGAGAGGAAAGGAAAGAAAAGGCCGG GGGGAAAAAAGGAAGGAAGAAGACGGAGGGAGAGGAGAACACGAAGAACC GGCAAGAAGGAAGGAAAAAAAAAAAAGGGGGAAGGAACGGAAGGGGAAGG ACGGAAAAAAGAAGCCAAAAGGCCAAAGGGAGAAAGAAAGGGAGGGGGGG ACGGAAAAAGAAAAGACAAAAAAAAGAAGGGGAAGAAGAGGGGGGGGGAG AAGGAAGGAGAACGAAGAACAAGGGGAAAAAGGAAGCAGGGAGAGGGGG GAAAGAAGGGGGGCCAAAACCAAAAGGAAAAGGAAGGGGAGGGGGGAGG AAGGAAAAGAAGGGACGAAACCAAACAGACGGACGAGAAAGGGGGAGGAG CAGGGAAGCCGAAAACGGAGGGAGAAGATTGGAACCGGGGGGAACCGGAA GGGGGGGGAAGGCCCCCCAAAAGGAAACACAGCCGAAAGGCCGGAAAAGG GGAAAACAGGGGGAAGGGAAAGGAGGAGAAGAAGAGGAAACCGAAAGGGA GGAAAAGGGGAGAAGGGGCAAAAAGGGGGGGGAAAGAAGGGGAAAAGGG AGGAGGGCAGCAGAGCCCAACAAAGCGTAAAGGAAAAAACGGAAGAGAAG GAAGGCCAAACAAGGGGAAGGGGAACCGAGGAGGGAAAAGGCACCAAAAA A G GAATAGGGGGGGGAGGAAGGGGGGGAAGGGAAAGAGAGGAAAAGAGA AGGAAAGGGGAATTGGGGGAAAAAGAAGCCAAAAAACCGAAAGGAAGAAA AAGGACAGGAAAAAAAGAGACAAAAAGGGGAAGAGGCAAAAGAAACGGAA GGGACGTTGGGGAAGGCAGGGAAAGGAAGGGGAACAGAAGGAGGGAGGG AAGGGGGGGGGCCAAAAATGAAAGAGGACGGAAAGGGCCAAGACCAAAAA GTTAAAAGGAAGGAAAAAAGGGAGACCAGGGAGAAAAGGAGCAAAGAGAG

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 A G G ACAGAAGAGGGGGGCCGGGGGGGAGGACGGGGGGAGAAAAAAGAAG GGAGCACAGGAAGGGAAAGGGGAAAAGGAAAGCCCAGAAAGAAAGGGGGG GGGAAAGAAGGGGGAGGGAAGAAAGGGGGGCCAGGGCCAGCCAAAGGGA AAGCCAAAAGAGGTAAGAAAACCACAACCGACCAACCAAGGGGAATAAACC

G G A GAGTAAAAAAAGAGGGGAAGGAAGGGAAACCGGGGAACCGAGGAAAA G G GAGAGACCGAGGACGAAAAAGGACGACCAAGGAAGGAAGAGAGAAAGG AAAAGAAGGAGAGAAAGAAGGGAAGGAAAAGGGGACAAGGGAAAGAGAGA GAAAAAAGGACCGGGAGAAGCCAGAAACGAGGAGAAGGAAGGAGGAGGAA G GAAGGGAAAAGGAGAAAGAACAGAAAAGAGGAAAGACAAGAAAAGGAGA GAAGAAAAAAGGGGGGAAGGAAAAAAGGAAGAGGAACGAGGAGAGGAAGA AAAAAAAGGAGACGAAGGGGGGGGGGAAGGAAAGGGCCGAGAAGAAAACC AAAAAGAAAAAGAAGGGGGGGGGGCACAGAGGGGCAGAGAGGAACAAAAG AAAGAGGGGAGAGGGGAAAAGGGAGAGACAACGAGACCAGACCAAAAAAA GAGGAGAGGGCCAAGGCAGGGGGGGGAAAGGGAAGGAGGGAGAAGGGAC CCCAGGGAAGAAGAGAAGGGGGGCCAAAGGGGAAAGGGGGGAACCGGGG AGGGGGAAGGCCGGAAAAAAAAAAGAGGGGGGCCGGGGCAGGGAGACAG G G G AA G G G G G GAAAGGAAACCAACACAAGAGAGCGAAAAGGGGAAAAGGG GAAAAAAGGTAAGGGGGGAAGAAAGGAAGGAGAACGACCGGGGGAAGAAA AGGGGAAGGGAGGGGAAAAAAGGAGCAGAGCAAGGGGAAAAGGGGAAGA GGGGGACCAAGGGGGGAAGGGAAGGGGAAGGGAGAAAAGGACAAGAGGA GAGCCGGGGGGGGGAGGAAAAGAACACACAGAGGGAAAGAAGGGGCCAG
 G G A G A G GAAAA $\operatorname{A}$ G GAGGGGGGGGGGAAAACCCCGAGGGGGGGAACAACC A G G G G G G ACCCCAAAAAAGGGACAGGACAAGAGGGGGAAAGGAGAGCCGA G G G GAAAACCGGAAAACCGGAGCCAAAAAAGGGGTTGGGGGGAGACGGG GCCACGGAAAAAGCCAAGAAAAAACAGGGGGGGCCAAAAAGGAGGGAAGA AGGAAAACCGAAAGAAGAAGGGGAAGAAGACGAGAGGGAGGGGGGAGAAA C G GAAACAAAGAGGGAGGAAGACGAGGAAGGGGAAGGGGGACCGAGGGG G GAGGAGGGGAACCCCGGGGAACCGGGGGGGGAAAAAAAAAAGGGGAAA AAAAAAACCGGAAAAGGGGAAGGGGGGCCGGCCAAAAGGGGCCAACCAAA AGGAAAACCGGGGCCAAGGAACCGGAAAAAAAGCAACAGAGGAGAGGAGG AAAAGCAGGAAAAGAAAGGGGGAGGAAGGAAAAGGAAGGGGAATTGGGG GGAAGAAAAAGAAGCAAAGGGGAGAAGGGGCCGAAGACGAGGAACCAACC
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 GAAA $\operatorname{HAGAGGGGGAAAAGGAGGGGAGAGGGGGACAAACACAAGGAAAGG}$ AA $\operatorname{l}$ G GAGGGGCCGAGGGGGGAGAGGAAGCCAGGGCAGAGGAAGGCCAGG A G G G A G G G A G GAGAGGAAAGAAAAGAAGGGAAGAGGAGATACCCAGAGAG AGAAGGGAGGAAGGGGGGGAAAACCCCACAAAAAAGAAAGGCCGACCGAG AAAAGAAGGAAAGCCGAAGGGAAGGGGGGAGAGAAAAGGGGAAGGCCGCA AGAATAGCAGGCACAAAAAAGAGGAGAGAGAAAGAAGGGGGAAGGGGCCG CAGAACCGGAACAAAGGAAGGAAGGAAAAGGGGCCGGAAGGCCGGCCGGA AAAAAGGGAAAAAGGCCAAAGGGAAAGACAGAAAAGGCCAAGAGGGGGGG G G A A G G G G G A A A G G GCCGGAA G GAGGGGGGGGGGAGGCCAAGGAGCCAG G G A G G G G G A G G GCCGGCCGGGAAGGGCCAGGGGGGGCCCCACACAAAAC CACACGAGAGAGGAAAAAAAAAAGGGGAAAAAGGGGGCCGAACGGAAAAG AGGGAGGCCGGAAGGAAGGCCAGGAGGACTAGGAAAAGGACGGCCGGCAA

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G G G A A A A A G G G A A G G G G G G G G G G G GAAGAAAGGAAGAAGACCAAAAGGG TTGGACAAGGAAAACCCCAAGGAAGGCCGGAAAAAAGGCCCCAGAGCACC A GCCCCGGGGAAGGGAAAGAAGGGGGGAGGGGGGAGAAAAAAAAAACCAA
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$28127000-9$ AA G G G G A CGGAGGGGGAAGGGGAAAAAAGGGGCAAAAGAACC CCCCAAGGGGGGCCGGAAGGAAGGCCAAAAGGAACCAAAAGGGGAAAAGG AACCGGGGGAAGACGGGGCCGGGGGGGGCCAAGGAAAGAGAAGGAAAGA GAGACAGAGCAAGGGAGGACCGAGAAAGGAAGGACAGAGCCGGGGGAGAA AAAGGGGGAAACCAACCGGCCAAGGAAAAGGAGAAAAGGGGGGCCGGCCG G GAA $\ln$ A G GAGGGGGGGGGGGGGGAAAAGGGGCCAAAAAAGGAAGGGGAA AAAGGGCCAAAAAAAAAGAACCAGGGGGCAAGCAAAAAGAAAGGAAAGAG GAAGAGGAGGAAGGAAGGCCAGGGGGAAGGCAGAGGAAACGGGGGAAAG AGGGAAGAAACGACCAAAAAAGGGAGGAACCGGCACCCCGGAGAAGGGGA AGGCAAAAGTTAAAGAAAGGGGAAGAACCGAGGAAAAAACATTCCGGAGA CGGGGAAGAAGAAGGGGAGAAAAAAAAAAGAAAGGAGAAGAACGGAAGAG GAAGGAAGGAAAAGGCAGAGGGGCCGGAGGGAAAACCAGAAGAGAACGAA CAGACGGCAGGAAAAAAGGAAAAAAGGGGGGGGGGAAGAGAAAAACCAAA A G G G G G G G GCCGGGAGGAAAAAAAGGGAGGACAGGAAAAGGGGGGGACC AA G GAAAAAAGGGGCAGAGAAAAAGGCCCCCCGGAAGGGGGGGGGGGGA AAAAAAAGGAAAAAAAACCGGAAGGGGCCAAGGAAAAGGCCGGATAGAGG AAGGGAAAAACAAAAAAAAAAGAAGGACATTAACCAAAAGGAGGGGCGAG AGGAAAACCCCGAAGAAGGAAACGGGGAAGGGGCCAGACAAGGCCGGAAC AAAGGAAAAAGAAACGGGGAAAAAAAAAAGGAAGGGAAAGGGGCCAAAAG GAGAAGGAAGAGGGGAAAACCAAGGAAAAAAGGGGCCAAGAGGCACCAAA AAACCAGGACGGAGCAAAAAAGGGGGAGGGGAGACGGGGAAGGAAAGAAA AGAACGAGGTAAGTTCAAAGGGGGGAAAACCGAAAAAAAACAAGAGGGAA GAAAGGAGACCGGGAAAGGAGCCAGAAAACCAAGGGAAGGAAAGGAGGAA CGAAAAAAACCGGCCAGAGAAAGGAGGGGGAAGAGAGAGGAGGGGGAACG GCACCCAAGAGAAAAGGGAGGCAAACCCCAACAAAAAGGGAAGGAGGAAC CAA GAACAGGGAGGGAAGAAAGGAAGACCGAGGGGGAGGGAAAGGAAGG AGGGAGCAAAAGAAAAAGCCGAGAAAAGGAAGGGGGAAAAGGCCAAAGGG AAGAGACCGGGAGGGGGATAACGGGGGGCCAAAGGAAAGGAAGGGAAAG GGGAAAGGGAAGGGGGGCAATGGAAAAAGAAGACAAAAGGGAAAAAAGAA

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 AA $\operatorname{GAAA} \operatorname{Ag} \operatorname{GGGGAGAAAAAAGGAGAACCAAAAAGGGAGAAAAAAGGAGAG}$ A G G GAGAGAAGGAATTGGGGCCGGAAGGGACCAAGAGGGGCAGACCAAG GAAAGGGGGAAGGAACAGAGGAGAGAAAGAGAAAAGGGGAGAGGGGCAA GGAGAGGGCCGGAAGGAGGGAAGGGACCCCGGAAGGGGGGACGGAAAGG AAGGGAAGGAGAGGAGGGAAGAGGGTAGGAAAAGGAAAAAAAAGGGGAA G GAAGGAAGAGAGAAAGGTTGGCAGAAGAGGAGGAAAAGGGGGGGAAGG GGGAAGACCAACCGGGGGGAAAAGAAGAGAGACAAGGCCAAGAGGAAAGA AAAGAGACCGGAAGGGGAAAGAAAAAAAAAAAAAAAAAAGGCCGGATACG GAAAAGGGGGAGAAAAAGAGGGGAAGGGGCACCGGGGAGGGAGAAAAAA GGACGAGAGGGAAACCGGCCGGGAAAAGTAACGGAGAAGGAAAAGAGACC

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G G G AA G G AAAAAAGAGGAAGGAACCAGAAAAAGGGGCAGGGGGAAAAAAG GAACCAAGGGGAAAAGGTTGGTTAAGGAGGGAAGGGAGGGGAGAGGGAA AGGGTAGAAAGGAAAGGACCGGGGGACCAGAGGAGGAGAGAAAAAAAAAG GAAAAAAGGGAAAAAAGGAAGGGGGAGGGGGGGACAGAGCGAGGATAAAA AACCGGGAGGGGGAAAAAAACCGGGGGACCAAAGGGGGGGGAAGAGACAA CCCCAAGAAGGGAGCCCCACAAGGCCCCAAGAGGGGGGGGGAACAGAGAA AAAGGGCCACGGAACAGAAGAAAGCCCCGAGAAAAGGAACGGGGAAAAGG GGAGAGAAAACCGGGGAAAAGGGGAAGGGGAAACGGACTAGGACAACAGG AGAAGGGGGAAGGGACGAAGGGAAGAAAGGAAAAAGGGGGAGAAGAAAAA AAAACAAGGGGAGGGGCCCCAACCGACCGAAAGGGGGAACGGGGGGAGAG GGGGCCCAAGAAGGGGGGGAGAAGAAGAAAAAAAAAAAGGGGAAAGACAA AGGAAAGGAAGAGGACCCAAAGACAGGACAGGCCAAAACAGGGGAAGGAA AAGGAAGACAAGAGGAGGACGACAGGGGCCGAACCCAAAAGAAAGAAAAC GGGAAACCAAAGCCGGGGCAGGAAGGGGAGGGAAGAGGGAGGGGGGGAA ACCGAGAAAAACCCCCCGAAGGGAGGGGGCCAAAACCAAGGGAAAGGAGA GAAAAGGGGTTGGGGAAGGGAGAAAAAACGAGAACAGCAGGGAAGGGGG AGGGAAAAGGCCACGAGGCAAACCAAGAAAGGGGACCCCCAACAAAAAGA GACCAAGAGAAAGCGGGAAAGGGGGAAGGGGAAACCGGGGGGGGGGGGC CAAGGAAAAGAGGGGCCGGGGGGAAGAGAAGGGAGGAAAAGGGGGACGG AA $\operatorname{A} G \mathrm{G}$ GAGGGGGCAAGGGAAGGGGGGAAAAGGGAGGCCCCAGGAGGGGA A G G G G G GCAGGCGAAGAACGGAAGGAAAAGGAACCAAAAAAGGAAAGAAG GAA G GAAAAGGGGGGCCAAAAAGAAAATACCGGAAAAGGCATTGGAAGGC CGGGGTAAAGAAAGGGAGGGGAAAAGACAAAGGAAAAACAAAACCGGGGA AAACCGAAAAGGGGGAAAGGGAAAGGGAAAAAGGGGAGAGGGGGGGGAA AAAAAGTTAGGGAGGAAGCGGGAGGAGAGGAAGGAAGCGAGAAGAACCGA GGAAAGGCCCAACCGGAAAAAAAAGGCAGAAAGGATCCAACCCCAAAGCG AGCCCCGGGAAGAACCAGCACAGGAAGGGAAGGAAGGAAGGGGGACAGAG A G G G G G G G G GAGAGGAAGAACCAACAGGGAAGGGAGGGGGCAACGAAAA GGGGGGAGAGACCGAGGCCTTGGGAAACCGGAAGGGGAGAGAGGAAACG AAGGAAAAGGCCGGGGAAAAGAGAAGGAGGGAGAGGCCGGAGAGGGAGG AGAACACAAGGAACCGGCAAGAAAGGAGGGACAGACACAAAGGGGAAGGA AACGGAAAGGGAAGGACGGAAAGAAGAAGCCAAAAGGCCAAAGGGAGAAA GAAAGGGGGAAAGGGACGGAAGAGGAAAAGGCAAGGAGGAGAAGGGGAA AAAAAAGGAAAGAGGGGGGGGGAGAGAAGGAAGAAAAAGGGGGGGAGGG AGGAAAAAAAAAGAAGGAAAGAAAGAGAGACCAGAACGACAGGAAAGAGA AAAAAGGGGGGAAGGAAGGAAACAAGGAGACAAACCCAAACAGACGGAAG G GAGAGGAGGAAGAGCAGGGAAGACGAGAACGGGGGGAGACAAATAGGG CCAAGGAGGAACGGGGAAGGAAGGCAAGCCACACCAGGAGCCCCCCGGAC AAAA $\operatorname{A}$ G G CGGGAGGGGGGGAAAAAGGGGAAGGAGAAGGAAGGGGAAAAG GAGAAGACCGAAAGGGAAGGAAAGGGGAGAAGGGGCAGAGAAGAGAGAG AAAGAAAAAGAAAAAGGAAGAGGGCCGGAAGGCCAACCGAGGGGTAAAGA AGAGGACGGAGGGGAAGGGAGGACAGCCAAGGAGAGAGGGGGAAAAGGG GAAAAAAGGCACCGGAAAAGGAAAAGGAGGAGCGGAAGGAAAAGGAAGGA AAAGAAAGGAAAAAAAAGGAAAAGGAGGGTTGGGGAACCAAGAGGCCAAA AGAACAAAAAGAAAAAAGAGGCCGGGACCGGACAAGACAAAAAGGGGAAG AGGAACCAGGACCAGGAAGAAGGTTAAAGGAAGCAGGGAACAGAGGGAGG ACAGAGGGAGGGAGGAAGGGGGGAGGGCCTAGATTGAAAAAGGCCGGGG GGAACCGGGGCCAAGGGGTTAAAAAAGGAAAAAATTGGAAAACCAAGGGG AAAAGGGGAAAAGGGGAAAAAAGGAAGGGGAAGGGGGGAAGGCCGGAAC CAAAAAAGGAAGGGGGGAAGGTTGGGGGGAAGGAAGGAAGGAACCGGCC G GAA G GAAGGAAAAGGGGGGAAAAGGAAGGGGAAGGCCAAGGCCAAAAAA
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 GGGCCAAGGGGCCGGCCGGAAAAAAGGAAGGCCGGAAGGAAGGGGAAAAA AAAGGCCGGGGAAGGAAAAGGCCAAAAAAGGGGAAGGGGAAAAGGAAGGA

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 AA G GAACCAAGGAAGGAAAAGGGGGGCCAAAAAGGGGAGAAAAACCAAGA AAAAGAGGGGTTGGCGGAAGAAAAAAGGAGAAAGCAGACCCCAACAGGGG G GAACAGAGGAGGGGACAGAGACAGAGACAAGAAAAAGGAAGGGGGAAAG GAAGAAACGGGGGGAGAAGGAGGAGGAAAAGGGGGGGGGGGGAAAAAAA AAAAAAAGGAAAAGGGGAAGGAAGGACAGAAAAGGCCGGAGAAAGGGGAC AAACCGGGGAAGAGAGAGGGAGGGAGGAAAGTAGGGGAAGGAAGGGGGG AGAGGAAAAAAAGGAAAACCAAGGGGGGAAAAAAACAACCAAAGAGAGAG AGCCGGAGCCAGAGGGGAGGAAGAGGGGAAGGACGAAGGACCGGGGGGG GCCGGAAGAAAAGAACACCGGAACCACAGAAACAAGGGGAAGGAAGGTTA GAAGGAAGGAAGGAGGAGAGGGAGGAGGGGGAAGGGGAAAAGGCCGGAA G GAAAAGAAGGGGGAGAGGAAAGGGGAGGAGGAAAAGGGGGAGGGAAAA AAAGAAGGGGACCACACGACCGGGGGAAAGGAGCCAATTAGAGAAGGGGA ACAGAGAAGGGGGAACCAGAAGGAGAAGGGGAGAGGGGGAGACGAAAGG CCAAGGAAAAGGAAAAAAGGAAACAAGGAAGGGGAAAAGGAAAAAAAAGG AAAAAAAACCACACCCAAAAAAAAGGAGAGGGGAGGCAAGAGAAAGGGAC GGGAGAGGTAACAGAAGGCCAAGGGGGACCCCGGGGGGCAGAGGAGAGT TAGGACAAGGAAAGGGGCCACGGGGGAGGAAAAGAAAGGACAAGGGGAAG GGGAGAGAGCCGCGGACGGACAGAAGAGAAGGAGGAAGAGGCCAGGGAA GGAAGGAAGAGGCAAAGGAAAAGGAAGGAAGGAAGAACAAAAAAGAACGG G G G G G G G G G GAA G GCCGGAAGGGAAGAGAGGAAAGGAAAGGGGGCAAAA GGGGGAAGAAAGGAAACAAGGGGGGGAAAGGGAAGAAGGAACAAAGAGG GAAGGCGGAAGGCACAAGGGCAGAGGCAAAAAAAGGGGAAAGGAAACCAG

G G G G G G G G G G A A A A A GAA G G G G G G AA G G G G A A A A G G G GGGGGGGCCAAA AGGGGAAGGGGAAGGCCGGGGGGGGAAGGGGCCCCAAGGAAAAGGAAGG G G G G A A G A A G A GAAGAGAAAAATAAAGGGGACAGGGAGAGGGGACCCCGG AAGGAGGAAAGGAAGGGAAGGAGGGGGAGGACGGAAGGAGAGGAAAGGA GCCAAAAAGCCACAACCAAACAAGGGAAGGAAAGAAAAAAGGGGGAAAAA AAAGGAAAAGGGGAAAAAACCGGCCGGAAAAAAAAAAGGCCGGAAAAAAA AAAAAAAGGAAAACCAAGGAAGGGGAAAAGGAAAACCAAGGGGAAAAGGG GAAAAAAGGGGAAAAGGGGAAAAAAAATTAAGGGGAACCAAGGAACCAAG GAA G G G G G GCCGGGGAAGGGGAAGGAAAAAAAAGGAAGGCCCCGGGGCC AA G G G GAAGGAAGGGGAAGGAACCAACCAACCGGGGCCCCCCGGAAAAAA GGGGAACCAAAAGGGGGGGGGGAAAAAAGGCCGGTTAAGGAAAAAAGGG GCCGGGGGGTTAAAAAAGGGGAAAAAAAACCGGAAGGGGGGAAAAAAGGG GGGGGAAGGGGAAAAAAAAGGGGGGGGGGAAAAAAAAAGGGAACCGGGG AAAAAAAATTGGGGGGCCGGCCGGCCAAGGGGAAAACCAAAAAAAAAAAA GGGGAAAAGGAAGGAAGGAAAAAAAAGGGGAAAAGGGGGGGGGGGGAAG GGGAAAAGGCCAAGGGGAAAAAAGGAAGGAAAAAAGGAAGGCCGGGGAAG GAAAAGGGGAAGGAAAAGGAAGGGGAAAAAAGGAAGGGGAAAAAAAAAAG GGGAACCGGAAAAGGGGAAAAGGAAGGAAGGAACCAAAAGGGGGGGGAA GGAAAAGGGGAAAAGGGGGGGGGGAAAAGGGGGGGGTTAAGGAAGGGGA ACCGGAACCGGAAAAAAAAGGGGAACCGGAAGGGGGGAAGGAAGGAAAAG GCCGGAAGGCCGGAAGGCCGGAAGGAAGGAAAATTGGGGAAGGGGGGAA G G G GAAAAAATTCCAAGGCCAAGGGGGGGGCCAAAAAAAAAAGGTTGGGG G G A G GAGGCCGGGGCCGGGGGGGGAAAAGGGGGGAAGGCCAAGGAAAAC CGGGGGGAAAAGGGGAAGGAAAAGGGGAAAAGGGGGGAATTGGAACCAA AACCAAAAAAGGGGGGAAGGAACCGGGGGGAAAAACAAGGAAAGAGAAGG CCAGAAGGGGAACGGGCCGAGGCCGGCCCCGGGGGGGAAGAGAAAACCGA GGGAAGAGGGAAGGCCGGGAGAAAGAAGAGCAAACCAACCTTCCGGAAGA GAAGCCAAGGAACGAGGAAGGAACAACCGGGGAAAGACCCCAGAGGGAAA ACGGGGAAGGGGGGACGGCCCCAAAACCGGAAAGACAAAAGAGGAAGGGG GGAGGAACAACCAAAAATAAAGAGAAGAAAAAACCAAGGAGAAGGGACAC AGGGCCCAAAGGAAGGGGGGAACAAACCGGCAGGGGGGAGGGAAGGGAA ACCAGGGGGAGGGAGGAAGAAAAAAAAAAGAAGAAGGAAAAAACCGAAGG AGGAAAACAGGTAAAGGAACCGGGAAGAAAGGGGGCAAAGGAAAAAAAAA AAACAAAGAAAAATTCCAGAAAAGAAAGAGGAAGGAGGAAATAGGGGGAA AAGGGGAAAAAGGAAAACAAACCAGCCAAACACAAGGGGAAGAAGGGCAT TGAAGGACAGAAGAGACCAAGAGAGGGCAACAAGAAAAAAACCAAAAAAA GAGAAGAGGAAAACGAAGGGGAAAAAAGGCCAAGGAAACAAAACCCCAAG GAAAAGGGGGAAAAAGGGGGAAGAAGGGAAAGGCAGCAAAAAAAAGGGGG GAGGGGACCGGGGAACAGGGGAAAAAGAAAAGGAAAACCGACCAAGGGGG GAGAGCCGGAGAGGGCCGGAGGAGGAAGGAAGAAGAACCGGAATAACGGA CGAAGAGAGAAGGACGGGGGAGGAAAACCGGAAAAGGACAAGGGGGGAG AAAAAAAAGAAGCCCCAAAGAGAAAAGGGGGGAACCGAGAAAAAGGGAGG GAAAGGCCCAGAAGGAGGAAAAAAGAGGCAAAAAAACCGGGGGGGGAGAG GGAAAAGAGAGGGGGGAAAGAGAAAAGGAGGGGAGGGGAAAACCAAGGG GAAGGAAAACCGGAAGGGGGGACGGGGGGAAAGGAGGGGGGGGGGAAGA GGAGACAGGGAGAAGAGGAAAACCAAGGGGGAAAAGAAAGAGGAGGGAG GGGGAGAAGAAAAAAAGCCCCGAGAAAAGAAGGCCCCGGAGACAGAAAAA AAAGAGAAAACGAACGACGAAGAGGAAAAAGGAGGGGGGCCGGACAACCA GGGAAAAAAGGAAGGAAGGCCAAGGTTGGGGAAAGGCAAGGGAGGCAAAG AAAAAAAGGGAGAGGCCGAGAGGAGAGCACCGGACGGGGAAAAAAAGAAA AAGGAAAAAAAAGCCGGGGGGCCAAGGAAAGCCAAGGAGGCAGGGAAAGA AGGGAAAGAAAGGGGACAAGAAGAACCAGAGGACAGGGGAAGGAAGAGCG G G G GACGGACCCCAAGAAAGAAGGGCCGGAAGGAAGGGGACAGGCAGAGA G GAAAAAAGGGAGAGAGGGAAGGAAAAAGAGAAGGAACCAGGACAGGGAA CAAGAGAAAAAGGCCAGTTGACCGGAAAAACCCAAACGGGAAGGACCGGG GCGGGGAAAAAAGACAGAGAAAAAAAAAAGGGGCCGGAAGGAGAGAAAAG G G G G A G G GAGGACAAGAGGAAAAGGAGAAAACCAAGGGGAAAAGGAAAAG AGGAAGGAAAAAGGAAGGGAAAAGGGGAAAGGGGAAAGGAGGGAAGAAG AGGAGAGGAAGGGGGAGGGGGAGGCCGGAAGGAAGGCCCCGAAGAAGGC CAAAAAAAAGGCCGAGAAAAAAAGAGGACGAAGCCAGAAAAGAAGCCAAG GCCACAGGGAGAAGGAAGGAGGGAAGGCCCCGAAGGGGGGGGAGGAGAG

GAGGAAAGCCGAAAGACCAAAAAGAGGGGGAAGAACGACCAAAAGGAGGA TAAAGGGAAGAAGACAAGAAAGGAACGAAAGGAAAGGAAAAAGAAAAAGG GGAGACGGCCGGAAAAGGAAGGAGAAAAAGAGGGGGGAAGAGAAGGAAAA AAGGAAAAAAAGGAGGGGAAAGAACCAAGCAAGAAAGAACAGGAAAGAAG A GA GCCGAAAAGGAGAGAAGGAGGGGGGAGAGCCGGAAAGGGGGACGAC CA $\operatorname{G}$ GACCAAGAAGGGGGGGGGGGGGAAAACCCCCCGGGGCCGGGGGGAA G GAACCAAGGGGCCCCGGGGGGAACCAAAAGGGGAAGGAAGGAAAACCCC AA $\operatorname{l}$ GGGGGGGGGAAGGGGGGAAAAGGCCGGAAGGGGGGAAGGGGAAAAA AAA $\operatorname{G} \operatorname{GGGAAGGGGAAAAAAGGGGGGAACCAACCGGCCCCGGGGAAAAGGG}$ GAAGGGGCCGGCCGGAAGGAAAAAAAAAAAAAAAAAAAAGGAACCAAAAA AGGCCAAGGAAAAAAAAAAGGGGGGAAGGGGGGGGGGGGCCGGAAAAAA CCCCGGCCGGGGGGAAAAGGCCAATTAAAAAAGGCCAAGGGGGGGGCCAA G GAAAAAAAAAAGGAAGGGGAAGGAAAAGGCCAAAACCGGCCAAGGAAGG G GAA G GAAAAGGAAAAGGAAAAGGGGGGAACCGGAACCCCGGGGCCAAGG GGAAGGCCGGAAGGAAGGAAAAGGAAGGAAAAAAAAGGGGAAGGCCAAAA GGAAAAGGCCGGAAAAAAAACCCCAAGGGGAACCCCAAAAGGAAAAAAAA AA G G G GAA G G G GAAGGGGAAAAGGGGGGAAGGGGCCAAAAAAAAGGGGC CAACCGGAACCAAGGGGGGGGGGAAGGGGGGGGGGAAGGGGCCGGGGAA AAAAAAAAGGGGGGAACCGGAAGGGGCCAAAAGGGGAAGGAAGGAAGGAA AACCAACCAAAAGGCCGGGGAAAAAAAACCAAAAAAAAGGGGCCAAGGGG CCCCAACCGGGGGGAAGGAACCGGAAGGAAAAAAGGAAAAGGAACCGGAA G GAAAAAAAAGAGGGGGAAAAAGGCCCCGGAAAAGGCCAGAAAACCGAGA ATAAAAACAGAGGAAAGGAAGGAAGGCCGGGGAATACAAAGGGGGGCAAG AGAAACGGAAACAAGAGGGAGAAAGGAGGGGGGGAGAAAAAAGGCCAGAG ACCCAGGAGGCAGAAAAGGGAAATAGGGCAGAGGGAGGGGGAAAGGAGG G GAAACAAGAAAGGGAGACGGGGAAAAAAGGGGGAGGGAAGAGGGGGCC AA G G G GAAAGGGAAGGAAAAAACCGGAAGGAGGAGAAGATGGGGGGAGA AGAAAAGAAGGAAGGGGGGAAGAAGAGGGCCCCCAGGAAGAGAAAAATAC CGAAACCGGGGGGAGGGAAAGACAGGGGGAACCGGAACCCCCCGGAAGAG AACAGAAGAAAGGAAGGGGAGAGAAAGGGCAGGACAACCAGAAGGAAGGA AGAGAGGAAAAGACCAGACGGGAGGAAAAGGAGCCAGAAAACACAGGGAG GAAGGAAGGCCAAAAGGAAGGGGGGAAGGGAGAGAAGAAGGAACCGGGA AGAAACAAAGAGTAAAAGAAAGCCGGAAGAAGCCAGCCGGAGGGGGAAGG G G G GAACCAGGGAGGGGGAGGGAAGAAAAATTAAACGGAAAGAAGGGAG GACGGAAGGGGGGGAAAAAGGAAAAGGCCAAAAGGGGGGGGGGGGGAGG AAGGACAAAAAACGGGAGACAGAAGGGGCCGGGGAAAGACGGCAGGAAAG GAACGAAGGAAAAAGAAGACAGGGGGCCAGAGAGAAAAGAGGAAAAAAGG GGGGAGAACCGGAAAAGGAACAAGGGAAGGGGAACCAAGGAAAAGGGGAA G G AA $\operatorname{GAG}$ GAGGGAGAGGAGAAGGGAGAACAGGAAGGGAGGAGAAGAGAG AGAGGGGGGGAGGAAAAAAGGAGAGGGGGGGACCAGGAAGGGAACCCAA G G A A G G G G G G G G G A G G A A A A A A G GTTA GAAGGAAGGGGCCAGAGGGCCA GAAAAGGAAAAAGAGAGGGGGGAAAAACCCCGGAGGGAGAAAACCCAAAG GAAGGGAAGGGGGAAAAAAAAAAGGCCAGAAGAGAACCCGGAAGAACAGC CGGAAGGAAGGAAAAAGGACAGAAAGGGGAGACGAAGAAGGAAGGAGGG G GAGGAACAAGGCCGGGGGGACAGGAACAGAGGAGGAGGGCCGGGGGGG GGGACGGGGGGGGAAAAAAAAAGGGAACACAGAAGGGGATTGGAAAAAGA AGGGGCCAAAAAAAAAAGGGGAGGGGAAAAAAGAGGGGGAGAAGAAAGGA AAAAAGGGGACAGCCAAAGAGGAAGCCAAGAAAGGAAGGAAAACCACAAG CGAGCAACCAAAAGGGGAAAACCGGGGGGAAAAAAGGAAGGAACAGGAAA AAAGGACGGGGAACCAAGGAAAAGGAAAAGGACAAGGACGAAGAAGGCCG ACCCAGGGAGGGAGAGAAAAAGGAAAAAAGGAAAAAAAAAAGGGGAAAAG AAA $\operatorname{A} G \mathrm{G}$ GCCCAGGGAAAGGGGGGGGAAAAGGAACCGGGAGAGGACAGCA ACAAGGAAAAAGAAGGGGGAGGAAGGGAGGAAAAAAAAAAAAAAACAGAA AA $\operatorname{GAGGGAGGCCAAGGGAGGAAAAGAGGAAAAGAAGGGAAAAGGCAAAAA~}$ G GAA $\operatorname{GAAAAAGGGGAAGAGGGAAAAAAAAAAAGAGACCAAGGGGGGAGAG}$ GAGGGGAAGGACAAAAAGAAAACCAAAAGGAATAAGAAAGGGGGGGAAAA AAAAGGGGCCAAAAGGAAAAAAGGAAAGAGGGGGGGGGGGAAGAAGGAG AGACACCAAGGACGGCCAAAAGAAAAAGGGGAGAGACGAAGCAGGGGGGG GAAGGGGGAGGAGGGGGAAGGAACCCCAGAAGAGAGGAGAAGGGGGGCC AAAGGGGAAAAGAGGGAACCGGAGAGGGAGAAGGCCGGAAGAGAAAAAAA AGGGGACCGGGGAAGGAAGGAAGGGGGAGGAGGGAAGGAAAACCAACAC

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 A G AA $\operatorname{GAG} \ln A A A A A G G G G G G A G C A G G A G G A A A A A G G A A G G A A G G G G A A G A$ AGGAGGAAGAAAGGAAAAAGGGACGAGGGAAGGGGGGGGGAAAAGGGGG AAAGGGAAAAAGAGAGACCAGGGGGAAGAGGGGGAAAGGGAGGGGCCAA GGAAGGCCGGCAAAAAGAGGAAAAGGGGGAGAAAAGGGCCGGAGAAGGG GAGAGAAGAAGAAAAGGGGAAGGAAAAGGAAAAAAAGAAGAAAGGAACAG GGGCCGGAAGGGAGAAAAGGGGGAAAGAAGGGAGGAAGGCCGGAGGGAG AAAAAAAAAGAAAGGACAAGAAAAAGGAAGGACAGGCAGAAAGGACCAAA GGACAAAAAGAGCCAAGAAGGAAAGACCGGGAAAAAGGGGAGGAAAACAA AGAACAAAAAGGAAAGGGAAGGAGAAAAGAGGAAAAGGGGGGGGGAAGAG AGGAAGGACCGGACCAGAAAGAGGAAAGCAGGAAAGAGCACCCAGGAAGG AGGGAGAAGAGGGGGGAAGAGACCAAGGAGAGACAAAACCGGGGAAGGCC AAAAAGAAAAGGGGGGGAGGAAGAGGAAGGCAAAAAGGAAAGCGGGAGAA GGGGAAAAGGAAGAGAAAATGAAGGAGGAAAAGGAGAAGAGAAAACAAAA CCAAGGAAGGGACCAGAGCCAAGAAAGGAAAGGGAGGGAAAAGGGGGAAG ACGAACAGAGCCGGAAGAAGACGGAAAAGGGAGGGGGGAGTTGGGGCCA GGGGACCGACAACGGAAACAGGGGGAAGGAGAAGGGGAAGGAGACGAAA GGAAGAAGCAAGAGACAGAGGAAGGACCAAAGAGAAAGGAACGGAAAACC CAGAGGAAAAGGGGGGGAAGACAGAAAGAAAAGGAGAAGGAGAGAAGAAA GGAAGAGGGGGGAGGAGGCCGGGGAAGGGAAGCCGGAAAACCGGGGAAG AA $\operatorname{l}$ GAGAGGAAGGGGGACAGGAAAAAGAGGGGGGGGGGAGAAGAAGGAG ACGGGAAGGAAAGAGGGGGGAACCGAGAGGCCGAAGCCGGAGAAGGCCG G G GCCACGGGGAAGGGGAGAGGGGAGGAACCGGACGAGAAGAGGAAAAG GGGAAAGAACCCAAAACAAGGGAGGGAGGGGGGGGGAAGGGGGACCAAA A GACAAGGGCACCGGAAAGAGGGGGCCAAGGCCGGGGAAAAAAGAGGGGA GACAAAAAAAAGGGGGGGGAAAAAAAACCAAGGGGAAAAAAAAAAAAAAG GGGAAAAGGAAGGGGAGGAACGGGACCGGCCAAGGGGAAAAAGAAAAGAA GAGACGGGAAGAAACGGAAGGGGAGGGACAAGGAGAGGGAAAGGGAAGG G G G A G G G A G G A A A A G G GAGGAACCGGGGAGGGGGAAGGGGGGAAGAGGG G G G G G G G AACCAAGGAAAAAAGGAGTTAAGGAAAGAAAAAAGAAGGGAGG G G G A G G G G G G GAA G G G GAAGGGGGGAAGGAGAAAAAGCACAGAAAAACC ACAAAAGGAAACAGAAAAGGCCAGGGAAAAGGAAAGGAAAAAAAGAAAGG AAAGCCGAAAAAAGAAAAAAAGGACCAACCGAACAAGGAAAAGGGGAGAA GAAAGGCAGGAGAGAGGGAATAGACCGAAACACCAAAAGGGGGGGAGGAA CCAGGGGGAGAAGAAGGAAAGGGAGGGAGGGGGGGGAAAAGGGAAGAGC CGGGGCCGGAAAGGGAGAGAAGGCCGGAGAGGGAGGAGGAAAAGAAGAA GAGAAAAGAAGACAAAAAAAACACGAGAGAAGGAAAGGAAAGAAGGAAAA GGCAGGAAAGGACAGGGAGAAAAACAGGCCAGGGAGATGGAAAAGGGGAA AAAGGAAGGGGGCGAGGGGAAAAGCCGGGGAAGGAAAAAAGGGGGGGGA AAAAAGGGAAACCAGGGAAACACAAGGCAACGGGACAAGGGGAAGGAAGG G G G G G G G G GA $\ln A \mathrm{~A}$ G GAGGGGGAAGGAAAAAGGGAGGGAGAGAAGGGGAA

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$28128000-9$ G G G G G G CCGGGGGGGGAAGGAAAAAAAAGGGGAAAAGGAACC CCCCAAGGAAAAAAGGAAGGAAAACCAAAAGGAACCGGGGAAGGGGGGGG AACCAAAAGGGGCCGGGGCCGGGGAAGGCCAAGGAAGGGGAAAAGGGGA AAAAAGGGGAAAAAAGGAAAAAAGGAAGGAAAACCGGGGCCGGAAGGGGA AAAGGAAAAAAACGACCAGACAAGGGAAAGGAGAAGGAGGGGGACAGCCA GAA $\operatorname{l}$ GAGGAGGGGAGGGGGGGGGGAAAGGGGCCGAATAGGAAGGAGGGA GAAGAACCAGGAAAAAGGAACCGGGGGGCAGGAAGGAAAAAAAAAAAAAA AAAAGGAAAGGAGGCCAACCAGGGGGGGAACAGAGGGACCGAGAAAAAAA AGGAAGAAAAGAGCAGGAAAGGAAGGAACCGGAAAACCGGAGAAGGAGAA GGAAAAGGTTGAAGAAAGGGAAGGAACCGGGGAAAAAAAAATCCGGGGCC GGAGCAGAAACCAGGAAGGAAACAAAGAGAAAGGGGAAGACCAGAAGAGG AAGGAAAGGAAGGGAAGAAGAGACGGGGGGAACACCAGAAGAGAAAGAAA A GACGGAAGGAAAAAAGGAAAAAAGGGGGGGGAGGAGAAAAAAACCGAGA G GAGGAAGCCAGAAGGAAAAAAAGGGAGGAAAGGGAAAGGGGGGAACCAA G GAAAAAAGGGGCAGAAAAGAGGGCACCCCGGAGGGGGGGGGGGGGAAA AAGAAGAAAAAGAAACAGGAAGGGGCCAAGGAAAAGGCCGGTTGGGGAAA GAGGAGACCAAAAAAAAAAGAAGGAAATAAGCCAAAAGGAGGGGCGAAAG GAAAACCCCGAGGAAGGAACCGGGGGAGGAGCCGGAAAAAGCCGGAACAA AGGGAAAAAGAAAAGAGAACAGAAACAAGAAGGGAAAGGGGCGGAAAGGG GAAGGAAAAAGAGAAAACCAAGGAAAAGAGGGGCCAAGAGGAAACGAGAT AACAAAACGGAGCGAGGGAAGAGGAGGGGAGACGGGGAAGGAAGGAAAA GAACGAGGAAAGATAAGAAGGGGGAAAACCGAGACAAAACGAGAGGAAGG GAAGGAAACCGGAAAAGGGGCCGGAAAACCAAGGAAGGGGAAGGGGAACC AAAAAAAACCGGCCAAGGAAGGAAGGGGAAGGGGGGGGAAGGGGAACCG GAACCCCGGGGAAAAGGAAGGCCAACCGCCACAAAAAAGAAGGGAGGAAC CAAAAAAAGGGGGAGCAAAAAGGAAGAACGGAGGGGAGGAAAAGGGAAGG GAGGGAAGGGGGAAAAGCCAAGAAAAGAAAGGGAGAAAAGGCCGAAGGGA AGGAACCGGAAAGGGGAAACCGGGGGGCCAAAGGAAAGAAAGGGGAAGG G G AA G GA GCAAGGGGGCAATGGCAAAAGAAGACAAAAGGGCAAAAAGAGA G G G GAA G GAAAAGGAAGGGGGGAAGAAAAAGGGGCCGAGGGGAGCAGAA ACCAGAGAAGAACGGGGGGAACGGGCCAACCAAGGGGCCGGGGAAGGAAG GCCGGACGAAAGACCACAGCAAAGAAGGGAAGGAAAAGGAAGGGGGGAAA AGGAAAGGGTTAAGGGGGGAAGAGGGAGGGAAAAGAAGACCAAGGAATAA A G G GAA $\operatorname{l}$ G G G G G G A A G G G G A G G GCCGGGGGGGGGGAAAAGGGGAAGGAA AAAAGGCAAAAAGGGAACGGGCAGAAGAGGGGGAGGAGGGGGGGGGACA GAGGGGAAGGAGAAAAAAACCCCGGGAGGAGAGCCGGGGCCGAAAAAAGG GAGGGGGAAAGGGCAGGCCCAAGAAGGAACCAAGGGGAGGGCCGAAAGG AGGGGAAAAAACAGAGGGGGAAGAAGGAAACCAAGGGGCCCCAAAAAAGA AAAAAGATCAGAAGAGCCGGGGGACCAAAAGAGGCCAGAAGAAGAAGGAG GGAGGAGAGGAGAACAACGGGGAAGAAACCAAGGAAGGGGCGGGGAGAG GAGAAAAAAGGAAAAACGAACCACAAAAAAAAAAAAAGGAAAAAAAAAAGG

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G G G G G G A A G G GAAGGAGTTCCAGGGCCAGTACCAGGAAAGGAGGGAAGG CAGAGGGAACGGAAGACCAAAAGACCAAGGGGAGGGGGAACCAGCAAACC AGGGCCAAGAAAAAGGGGAGGGGGCCCCAGGGGGGAGAAGGGCCAAGGG GAAGGGGAACAAAGGGGAAGGGGAAGGGGAAAAAAAGAAGGAACCGAAGA GCACAAGTTCCGGCCGACCGAAAGGAAAAGGGAAAGGGGAAAACAAAACG G G G A G A G A A G G G G G G G GAAAAGGAAAAAAAGAAGGGGAAAAAATTGACCA GCCAAAGAAAAGAAGAAGGGAAAAGAAAAGGAAAAGGAAAGACGAAGAAG GGGGGGCCAAGAAGACCGGGGGGCACCGGGGGGAACCGGAAAGGAAAAG G G G G G A A A G G G A G G G G G A G GAGGGAGAGAGGGGAGGAAAAAGAAGGAGC AA GCCAAGGGGCCGGTTAAGGGGCCGGGGGACCGAACCAGAGGCACAACC CAAGGTATTGAAAAAGGAAAAAAAGAAGGGGGGCACAAAAAAAGGGGGGA GAGAGAAAGGAGGAAAAAAACGAAAGGGAAAAAGGACGGAAGAGGAGAAA AAAGGCAAACCAACGGGGGAAGGGAGGGGGGGGAAGGGGCCAAGGTTGG GAGAAAAACCAGAGAGGGCAGGAAAACCAAAACAGGGGGGGGAAGAAGGA AACCAACCGGTTGGAAGGAAGGAAAAAAGGAACCAAAAAGGGGGAAAAAA AGAGAAGGAGAAAGGAAGAACCGGAAAAAAGAGAACCCACGGCATTGGGA A GAAGAAGCAGAAGCAGGGGAACCAGAGGGAGAGGGCAAGAGAAAGAGCA CAGGAAGGGGAGGAGGGCAAAGAAAAAGGGAGGACCAAAAAAAGCCAAAA AAAACCGGAACCGGGGCCAGCCAAGAAAAGAGCCGGGGGGAAAGCCGAAG CCGGGGGGGGGGAGAAGGAAGGCGAAGGGGGACGGGACAGAAAACCGGT AGACCAGCCGGGAGAGGAAGAAAAGGGAGAGAGACAGAGCAAAGAAAGAA AAA G G G GCAAAGAAGCCGGAGGAAGAAAAGGGGAAGGCCGGAGCGCAAAG AA GCCAAAAGAGGACAAAGCCAGGACGGGAGAGAGGAGGGAGGGGAGAG GCAGAGAAAAAAAAGAGACCAAAAGGGGCCGGAGGAGGAAAAATGAAAAA CCGGAAAAAAGGGGGGCAAAAAGAAAAAGAAAACCCGACCAAGGGGAGGA AAGGGACCCCGGAGGGCAAGCCAAAGAACCAAAAAAAGCCGGAAAAGAGG CCAAAAGGCCGGAAAAAAGGCCGGCCAAAAGGCCGGAAGGAGAAGAAGAG GAAGAGGAAGCATAAGAGGAGAAAAAAAGAACGAAGCAAGACGGAGACGG GGGGAAAAGAAACCGGAAAAGGAACCAACCAACCGGGGAAGAGAAGGGGG CCGGCCAACAGGAAGGGGGGATGGAAAACCCCGGCCAGGAGAGGACAAGA GGGAAAAGAAAAAAAAGGAAAGAGATAAGAAAGGGAGAGGAGGAAAGGGG CAGGCCGGAAAAGGGGGGAGGACCGGGAACAGCCGGTAGGGAGGCCAGA A G G A A A A G G G G GAGGAAGGAGGGGAAAGGAAAGAGGAGGAAAAAAGAAAA A G G G GATCAGAAAAAGAGGAGAGAAAAACTTGAAAACGGAAGAAAAAAAG G G G A GACCCGGTTGGAAAAAAAAGGGGGCAGGGAAAAGGAACGCCGGGGA A G G G G G GAAGAGGAAACGAAATTGAGGGGGAGAGGAAGGAAGAGGGGAA AGGATTGGAAAAAAGGGAGACCGGAGGAAAAAAAGGGGGAACAGAAAACC AA GGCCAAAACCAACCAAGGGGCAGGAGAACACAGAGGGGGAGGGGAAGG GAGAACAGAGGAGGGGAAGGAAAATAAGAAAAAAGGGGACCAAGAAAAAA GGCCAAAGCCAAAAAGCCGGGAAATTGGAGGGAAGGAAGAGGCCGACAAC AAGGAGAAGGAGAACCAATTAAAAACAGAAGGAAAAAGAACAAAAAGAGG A $\operatorname{A} A \mathrm{G}$ G G G G CAGGGGAAGGGGGGAAAACCGGAAAAGAAGGGGGAAGAGAA AGGGAGGCCCAAGAGGGAAAAACGGAGCCAGAAAGAGGAGGGGAGGAAAA AGGAAAAGGAAAGCAAGGAGGACGGGGAGTTCAAGAAGGGGGGCGAAGG GAGGGAAACGCCAAAGGGAGGGAAGGGAAGAAGGGGGCGGCAAGAAGGA GAGCCAAGGAGGGAAAAGGGGAGAGAAGGGACCAGGGAAAAGGAGAAAAA ACCGGAAAAGGGGAAGGAAGGAGCCGGGGCCAAGGAAAAGGGGGAAGGA AAAAGAAGAGGGAAAGCACAAGGGGCAGAGCAGGAGGAAGGGAGGAGACC CCAAGGGGAAAGGGACAAAGAAGAGGAGGGAAAGTTCCAGCCGGGGGGAA G GAC G GAAGGGGGAAGGGGAAAGGGGAAGAGGAGACGGAAGGAGTAAAG AA GAAAAAAGGGGACCAGAAAATGGGGAAAAGGAAAGAAGGGGAAAAAGA A G G G G G GCGAGCCTTGAGGGGGGAGAGAAGGAAGGCCGGAAGGCCGGAA CCGGGGAAGGAAAAAAGGGGCCGGGGAAAAAAAAAAGGAATTCCAAGGAA CCAAAAGGAAGGAACCAAAAGGGGCCAAGGAAGGGGAAGGAAAAAACCTT AA G GAA G GAA G G G G G G G G G G G G AA G GAACCAAAAGGAAAAAACCCCAAAA GGGGAAAAAAAAAACCAAAAAAGGGGCCAAGGAAAAGGAAAAGGGGAACC AA G G A A G G G G G G G GAAAAGGGGGGAAAAAAGGAAAAGGAACCAAGGAAAC GGAAAGCCAGACAGGGGAGGAGCCGGCCGAACGAAAAAAGCCAGGGGGAG AACCAAGGCCAAGGGCGAAAGGGAGAGGACAAGAGGGAAACCGGGGGGAA AA $\operatorname{l}$ GAAAGGGAAGGAAAAGGAAGGGGGAGAGGGGAGGGGGAGGAGGAAG GCCAACCAGGGGGGGAGAAACGAAGGGGAGAGGGCAGGGCAAGAGAACA

GGAAGAAAAGAGAGAAGGACACCCGGAACAAAAAAGGGAAGAGGGGGAGG CAAGAGAGGAGGGACCAGGAACAGGGAGGAAAGGGGAAAAGGAAAAGGG GAAAAAAGGGGGGGGCCAAGGAAGGGGGGAAAAGGGGGGAAGGAAAAGG AAAAAAAAGGGGAAAAAAAAAACCCCAAGGGGAAGGGGGGAAAAGGCCAA GGGGAAGGGGAAAAAAGGGGGGAAGGAAGGAAAAGGAAAACCAAAAAAAA AAGGCCGGAAAAAAGGCCGGGGAAAAAAAAGGAAAACCGGGGGGGAGAAA GGAGACAAGAGGACGAGAAGAGGAAAGAGAGGCCAGAGCGGAGGGGAGG GAGCCAGGAAGAGGAGGGGAGAGGGGGGAAAGGGGACGAAAGAGAAAAA GGAAAAACGAAAAAAAGGGAAGCGGAACCCAGGAGAAGAAAGACGGGACC AAGGGGAACCAGCCAGGGAAAAGGCCGGGAAGACAGGAGGAAAACCGGAG GGGGAAGGAAAGTTGGAAGAAGGAGAGGACGAGGAAAAGGGGCCCCAGG AAAAGAAAGAAGGCAAGGACCGAAAAAGGAAAGGGAGAAGGGGGAGGGGA AAGAGGGCAGGAGAGAGAAGGAAAAGAGAGGAAAAAGAGAGGGGAAGAAC CGGGCGGAGGGGGGGGGAGAGGGGGACAGGGAGGGGGAAGGCCGGTTGG AAACAAAAAAGAGGGAAAGGAAGGAAGGAAAAGGAAGAAAAAAAAAGGGG GGGGAGAAAAAAAAAAGGGGAAGGGGGGAGAGCCGGCCCCAAAAAAGGAG AAGGAAAGGGAGAAAAAAAAAGGGGGGACCAGGAAAGGGGAAGAAGCCAA AA G GAAAAAAAAAAAAAAAACCGGAAGGAAGGGGGGGGAGGGGGGAGGG GGGCAAGCGGGGGCCAAAACCAAGGAAGGAAAAGGGAAAAGAACCAAGGC CAAAAAAAAAAAAAGAACAAAAAGGAAGAAGGGGGGAGAGGGAAAGAAGG GGAAACCAGACGAAGCCGGCCGGGAAGAAGGAGAAGAAAAGGAAGGGGAC CAAAGAGAAGAAACCAAGAGAGGGGAAAAAGAGCCGAGAAAGGAAAAAGT AGGAGGGACCCGGGGGAGGAGAGAAGGAGGGCCAGGAAAAAAGAGGGGA AGGAAAGGAAGGGGGGAAAAGGGGAAAAAAAGGGAAAAAAAAAAAGAAAG AAGAAAGGGGACGGAGGGCCGGAAGGCACCGGAAGGGAACGAAAAAAGGG GGAAGGAGGGAAAACCCCGGGAAGGGGGGAGAAACCTTAAAGCCAAGGGG GGACAAGGAAAAAAGGGGGGAAGGGGAAGAAAAGAAGGGAAAGGGGGAA GGACCGGAACAGGGGGGAGGGGGAAGGAGGGAATAGGGGAGAAAACCAA AGGGAAACGAGAGAACAGAGAAGGAAAAAAAAGGAAAAGAAGAGGAACGA GAAAAGAAGGAAGAAAAGAGAGGGAGGAGGGAAAAAAAAGCGAAGGAGGA GAGAGAAAGGGGTTGGAAAAGAAGGAAAAGGGGGAATTAACCAACCCCCC GAAAGGAAAGGGGGAGGGCCAAGGAGGAGGGAGGCCCCGAAAAAAAAAGG GGAAGGAAAAGGAAGGGGGGGGAAGGGGAAAAGGGGAAGGAACCGGAAA AGGAAAACCAAAAAAAAAAGGGGCCAAAAAAAAAAAAAAGGGGCCGGCCA AAAAAGGGGGGGGAAAAAAAACCGGAAGGGGAACCGGGGAAAAAAAAGGA AGGAAAAGGGGAAAAGGGGAAAAAAAAAAAAAAAAGGCCCCAAGGGGGGG GAAGGGGAAGGGGGGCCAAAAAAAAGGCCAAAAGGAACCAAGGGGAAGGA AAAAAGGAAGGAAGGAAAAGGAAAAAACCAAAAAAAAAAAAAAGGGGGGG GGGGGAAGGGGAAAAAAAAAACCAAGGAAGGAAAAAAGGAAGGAAGGGGG GAAGGGGAAAAAAAAGGAAAAAAGGGGGGCCGGGGGGGGGGCCAAGGAA GGGGAAGGCCAAGGGGAAAAGGGGGGGGGGAAAAAATTAAGGCCAAGGG GGGGGGGAACCAAAAGGAACCGGGGCCGGCCAAGGGGAAGGGGAAGGAA AA GGAAAAAACCGGAAAAGGAAGGAAAAGGAACCGGAAGGAAGGAAAAGG AA G GGGAAAAGGAAGGAAGGGGGGGGCCCCAAAAAACCGGGGGGGGAAG GGGGGAGAGGGGAAGGGACGAGGAAAAAGCCAGGGGGGGGGAAGGGAGG AGGGGGGGAACCGGAAGGAAAAGGAAGGGGGGGGGGGGGGTTAAGGAAA ACCAAGAAAGGGGGAAGGGAAGGAAAGCAGACAAGGAAAGGAAAGAAGGA ACCTTAATTAGAAGGAAAAAAGGAAGAAAAAGGGGGGGGAGGGGAGAAAG GGGGGGGGGAACAAAGAAGAAGGGGCCAGAACCGGGGTTCAGGGGAAAA CCAAAACCGGGGGGAAAAAAGGAAAGGAGACAAGAAAGAAAGAGAAGGCC ACAAACGAAAAGAAGGAAAAGGAAGAAAAGAAGGGAAGCACCAGGGGATT AACCAAAAGGGACCAGGAGAAGGGGGAAGGGGCCAAGGAACCGGGGGGG GAAAAAGCCGGGGAGAGCAGGAAAAGGGGGGGGAAGGAAAATTGGGGAG AAGGGAAAAAGGGGAAAAGGGAAAGGAAAAAGGGGCCCAAACAAGAAGGG AAAGAGGGAAAGGAAAAAAAAAGGAACCGGAAAACCCCAACCAAGGAAAA AAAACAGGGAGAGCAGAGAGAAGAAGGCAGCCGGAAAACCAGAGGGAAAA GGGAAAAAGGAGAAAAGGAGAAGGGAAAGGAAGGAGGGGGCCAAGGAAAA AAGGAAGGCCGGAAGGGAAGGAAAGCAGAAGAAAGGTTAAAAGGGGCCAG GGAGCAGGGGGAAAAAGAAGCCAGGAAAGGGGAAGGCGGGAAAACCCCCA GCGGGGAAAAGGGGAAGGAGAGAGCCAAAAAAGGAAGGAGAGAAAGAAAA GAAAGGCCGGGGAACCGGGGAGCAGGAGGGGACCGCAAAGGGAAGGGGA

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 A GAA $\operatorname{ACCCCGGAAGGGGAACCCCGGGGGGCAAGAAGGGGAAGGAAGGAG}$ A GAGGGGGAAAACCGGAGAGGGGACCGGCCAGCCAAGGAAAAACGGAGAG G GAACCGGGGGGCCAGGGAAGGGACCAAGGCCGGGGGGGGGGAAAGAGG GCCAGGAGGCAACGGGGGGGGAGAAGGGGGGGAGGGGAAGGAAGGAAAA AAAAAAGGGGAAGGCCAAAAAAGGGGAAGGCCGGGGAACCAAAAGGAACC G GAAAAGGAAGGGGAACCGGGAAAGGAACCAAGAAGGGGGAAAAAAAGAG G G G GA $\operatorname{GAG}$ GGAGAGAGTTGGAACCAAGAGGGACCAAAAGGGGCAGACAG GGGAAGGGGAGAAGACCCAAAAGGGGGAAGGAGTAAAGGGGAGAGGGCC GGGGAGGGGGCCAGAAGGGGAGAAAGAACCCCGGAGAGGGAACCAGAAG G G A A G G G G G G G G G G G G A G G G A G G A G G G TA $\operatorname{AGAAGAGGCAAAAAGAGGGG~}$ AAGGAAAGGAGAAAGAAAGGAAGGAAGGGGAGGAGGGAACAGGGAGAAG GGGGGGAAAAAGGGGAGAGGGAAAAAAGGAGAAACAAGGCCAAAAGAAAA AAAAAAAGACCAAGGAAGGAAAGGGCAGACAGAAAGGGGAAAGAAAAATA CAGGGCAAAGGGAAAGAGGGAAGAGAACGAAAACCGGGGAAAAGGAAAAA AGGAAAAAAGGAAAGGCGGCAGGAAGAAGTAACAGAGAAAGCAAGAAGAA CAGGGAAAAGGCCCCAACCAAGGACGAGAGGCCCAAGGGGGGGGGAAGGA ACCGGAAAAAAGGGGGGCCAACACAGGGGTAGAGAGGAGAGCCAAAAGGG GGGGAGGAAAAAAGAAACAAAGGCCAAAAAAGGAAAAACAAAAAAGGGGA G GAGGCAGACCGAAACCAAAAACAACCAAAGGAGGGGGGAAAGGGAGAGC ACCAAAAGGAAAAGAGGAAAAGGGGGGGGAGCCCCGGACGGAAAAAGGAA AGGAAAACCGGGGAAAAAAGAAAAACCAAGGAAAGGAGGGGAACCGGGAG GGGAAGGAAGGAACCGGGGAAGAGGGAGACCACGAACGGGAAAGGAAGG CCCCAAGGGAAAGAGAAACAAGGAAAGGAAACCAAAGAGGAGGGGGAAAA AA G GAGGAGGGGGGAGAGAAGAAAGGGGGGAAGAAAGAGGCAAACCGAA AGAGGGGGGAAATAAAACAAGAAAACCAGGGCCAACCAAAAAGGAAGAAG AAGAGAAAGAGCGGGGGCATAAAAAAAACGGGACAAAAGGGAAGGAGAAG G G G G G G G G GACGGAAAAGGAAGGGGAAAAGGAAAGGGAGGGGGAAAACC

GGGGCCGGAACCAAAAACGAGGCCACAGGGAACCAAGGAGGGAAGGGCAG GGGAAGAGAAGGAAGGGGAGGGAGAGGGAAGAGGGACCAAGGAGCCGGG GGGCAGACAAAGGGGCCAAGGAGAATAAACCAGAAAAGGCAGGAAAAGGC CAAGGGAAACAAAAAGAAAGGAGAGGAAAAACCCCCCAACCAAGGAAAAG GGAAGGGAAAAGGAAAGGAGAACAACCAAAGACGGGAGACCAGAGAAAAG GAAGGCCGGGAGGAAAAGGAAGGCCAGAACCGGGGAAAACCGGGGAGCCA AAAGGACTAAAAAAAAAGGGGAGAGAAAAGGGGGGGGGGGAAAAGTTCCA AGAGGGGCCAAACGGGGGGAAAGGAGGAGAAAAAGGGGAAAGGCCAGAAA AAGAAGAAAAACAACAGAAGGGGAATTAAAAAAGGACGGGAGGAGCCCAA GAGCCGAAAGGGAGACCAAAAGGCCAGAGGAAAAACCAGAAAAGGGGGAA AAAGGGGCCAGAGGGGGACGGAAAAAAGAGGGGGGGGGGAAAAAAAAGG AAGGGGGGGAAAAAGGGGAAGGCCAAAACCAAACAAACCCGGCCAAGGAA AAAAGGGGAAGAGGGACCACAAAGAAGGGGGGAAAAGGAAAAAAGGGGGG AATTGGAACCGGGGGGGGAAGGGGAAGGGGCCAAGGAAAAAAAAAACCGG GGGGAAGAAGAGCCGGGGGACAAGGAACAAGGAAAGGGGAAGGGGGGGC AGAAAGGAAAAGGGGAGAAAGGGAACACCAGAGGACAGAAAAGCAAGTAG ACACCGGGGAAGGCCGGAAAGCCAACCGGAAAGAGGGAGAGGAAAGAAAC AGAGAATAGAGAAGAGGGGAGAAGGAAGAGAAGCAAAGGGAGAGAAAACG GAGAGAATTAGAGGAGGGGCCAACCCCGGAGACGGAAAGTAGGGGGAAAA GGGGCAGGGGGAAAAGGGGGGGAAAGGAAAAGGAAGGGGGAACAAAGGA GAAAAAGGAAGGGGAAAAGGAAAGGGGAAAGAAGAAGATAAGAACAAAGA GACCGAAGAGGAGGAAGAAGGAAAGGGGGGGGGGCCGGAAAAGGAAGGG GGGGGAACCGGGGGGAAAAGGGGAAAAAAAAAAGGGGAGAAAAAAAAGGT TAAGGGGAAAAGGGGGGGGAAAGAGAAACCAACAGGGGGGGCCCCGGGG GGAGGAGAACGGAGGGGGAAGGGGCCAGGAGAAGGGGAAAAAGAGAAAA GGAGGAAGGGGGGAAGGAGCAGAAAAGGAAAGGAGAAGGGGAAGGAAAA AGGGAGGAGAGAAAGAAAAGAAACGAGGAAAATTAAGGAAGGAAGGGACA AGGACAAGGGGGTTAGAATAGGGGGGGGAACCAAAAGGCCGAGGGAAAGA GGGGAACCGGGGGGAGGGGAAAGGAAGGGAAACCAACCGAAAAAGAAAAC ACCCAGCAGGAGAAGGGGATGAAAAACAGGAGCCGGGGCCGGGGGGGAC GGAAGGGGGAGAACCGAAAAAGGAGACAAAGAAGGAAAAAAAAAAGGAAC CGAAGAAGGCAAGAGAAAAAAGGGGAAGGGGAGGCAGGGAACCAAGGGG GGAAGGAACCGGGGAAAGAAAAGGGGAAAGCCCGAAGAGGAGGGCCCCAA AACCCAGGGGAAAGAACCGGGACCGGCCCCGGGGGGAAGGGGACCCCCGG GGAAGGAAGGAACCAAAAGGAAGAGGAAGGGGGGCAGAGGAGGAGGAGG AGAGATTGGAGCGGAGAAGGACGGACAAGAGCAGAAGGAAGAAAAGGAAA AGGAGGGAACGAGGGGGGAGGAAGAAGAGAAGGAAGGAAAAAACCAAAAA A G G G G G GCCGGAAGGAGGAGAGGGGGGGGGAAGGAAAAACCGGGGAAAA GGGGGGGGAGGAAAAGAAGGAAGGCCAAGGGGCACAAAGGAGGGAAGGA AAGAGGGAAAAAGAGAGACGGAAAGGAGGAAGAAGGGGGGGCCGGGAGG ACGGGAAAAAAAAGCCAGGGAAAAGGTTAGGGGGGGAAGGCCAGGGAAAA A GCCAGGGGGCCCCGGAACCGGGGAAAAGGGGAAGGAAGGGGCCGGAAA AGGGGGGGAGGGGCCAAAAAAAAAAAAGAGAAACAAAGGGGGGGGCAAAG GGGGGGGAAAAAAAGCCAAAACCTTAGGGAAGAGAGAAGCCGGACCAAAG GCCAAAACCGGGGCCGGGGAGGACCGGAAAGAAAGAAAGAAAACCAAAGA CAAGGGAGGGGACAGAGGGGGGGAGGGAACAGACCAAGGAGAGAGGAAG ACGAAGAACAGGGGAAGGAAAAGAAAAGGGCAAAAAAAGAAACCGGGGAA GGAAAACCGGGAGGAAAGAAGGAAAAGAAAAGAAAAAGAGGAGGGGGAAA AAGAAAGGGACAGAGGAAAACAGGAAAAGGAAAAAAAAAGGGAGGAGGCC AAAACAAAAAAGAGAAGGCCGGCAAAACAAAGGAGAAGAAAGAGAGAATT GGGGAAAAAAAACCAAGACAGAAAAAAAAAAAAACCGAAGAGGAAGAAAA AAAACCAAGGAAAAGGAGAGGGGGACCCGGCCGGAAAAAACAAAGACCAA CCAAAAAAGGGGCCCCAAGGCAGGAACCGGAGGAAGAGGGCCAAAAAAAA GGGGGAGGAGGGAAAAGGAAAGGGGAGGGGAGAAGGGGCCGGCCAGAGG GGAAGGAAGAAAAGGACCACAGAGAGGGGGGACCAGGAGCCAGAGAGGGA AGGCAGGAAAAAGAAGAGCGGAAAGAGAGACAAAGAGAAGGAAAACCCCA AAAAAGGAAGGGGGGGGGAGGGGGGCCGGGGAGAAAAGGAACCAGGGCC GGGGAAAAAAGGGGACGGGAGGGGGGCAGGGAGGAAGGGGAAGGCAAAG AAAGGCCGGAACCAGGGAAAGGACACCAACCAAGGCAGAGAAAGAGGAGG GAGGGAGAGGAAAGACAACACGAGGAGCCGGCCAAGGCCGGGAAAGAGAC CAAAGGAGGAGGAGGACAAAACGAAGGAAGAGAGGAAAGCGAAAAGGAGA

AAATTGGAAGGGAGATTCCTTAAGAAGCAGAAGGGGGAAGAAAAGGAACA GGGGGAAAAGGGAGGGAGAAGAACCATAACCAAAACCAAGGAGGAGGGGA GAGGGAGAGAACAAGAGGAAAGGAAAAAAGGAGGGACGGAAACAAAGGGG AGAAAGGGGGAAGGGAGGAAAGAGGCCAGGGAAAAAAAGAGGGAAAACAA GCCCAAAAAAAAACCGCACGGAGGAGGGGGGAAACAGAGGGACGAGAGAG
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GAAACGAGAAAAAGGGACCAAGGGGAAAAAATAAGACACAAGGAGGAACG AGGAAGGCCGGAAGGGAGGAGGGAATAGAGGGGGGGAGAAAGAGGAAAG AAGGAAAAAACAAAGAAGGAGAGGGATTCCACAGGGCACAACCCAGCCGG GGGGAAACGGAAGAGAAGAGCACGGAGGAGAACCACGGAACAGGAAGAGG AA $\operatorname{l}$ GAGAGGAGGGGGGGGAAGGGGGAAGGGGGAAAAGGAGAGAAGGGGC
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 GAGACAAGGGAGAGGAAAAAAGCCGAGGGGGAAAAAAGAAAAAAGGACAG AGGACGAAAGGAGAGGAGAGGGGGCAAGGGCGGAAGGGGGGGAAGAGGA AAAAGAGAAGGCCGAAGGAGGCCGAGCAGGGAGGGGAGGGGGAGGGGAA AAAAAAGGGGAAAAAAAAGGAAGGAGGGGGAGCCGGAAGGAAGGAGAGG GCACCGGGGGGGGAAGGAAAAAAGGAAAACCGGGAAACCGGAGGCGGGG CAGAAGAGGAAGAAGGGGGGAAGGACACACGAGAGAAAAAACAAGGAGGA ACGGGACGAAAAGGGGGGAAAAAGACAACCGGGGCAAAAAGGGGGAGGAG GAACAGGAAGGGGGGGGGCCAAAAAAGGAAGGCCAAAAAAAAGGGGAAAA G GCCGGGGAAGGGGGGGGGGGGGGGGGGAAGGGGGGGGCCGGGGAAGG
 GGGAAAAAAGGAAGGAAGGCCAACCCCAAAAAAGGGGAAAAAAAAGGAAA AAAGGGGCCGGGGAAGGGGAAAAAAAAGGGGAACCGGCCCCAAAAAAAAA AGGAAGGAACCGGCCGGAAGGAAGGGGGGGGAAAAAAGGGGAAAAGGAA G G G GAACCGGAAGGCCGGAAGGAAAAGGGGAACCAAAAAAAAGGGGGGG GAAAAAAAAAAGGGGGGGGTTGGGGAAAAGGCCAAAAGGAAGGGGAAAAG GAAAACCGGCCAAGGGGAAAACCAAAAAAGGGGGGGGAAGGGGGGGGGGG G G G GAAAAGGGGCCAAAAAAGGAAAACCCCGGGGGGAAAAAACCAAAAAA ACAAGGGGAAAAGGAACCGGCCGGAAAGAGAGAGAAGGGGCCGAGGAAAA AATTAAAAGGAAGGTTAAGGAGCCGGGGGGGCAGGAAAAGAGGAAGGGGG GGAAAAAAGGAAAAAGGAAAACAGGGGGAGGAAGAGCGAAAAAGAAAGAA GGAAGGAAGGAAAACCAAACGGAAACAAGGGGGGAGAGCCAAAAGAAAAA G G G GCCGGGGAGGAGAGAAGAAGAGGAGGGCAAGGGGGGGAGCAAGTTA C G G G G G GA GAGAGGAAAAAAAAAAGGGGGGAGGGGAGAAGGAAGGACGG CCAAAAGAAGGAGGAAGGAGCAAAGGGGATAAAAAAAGGGAGAGGAAAAA CCAGAAGGAAGAAAGGGGAGAACACAAAAGGAAAAGGAAAGGAACAAGGA GGAACACCGGGGAACACAAAGAAAAACCGGAAAAAAAAAAGGGGGGAGAA GATAGGCCAGGGAAGGGGGAGGGGAAGGAAGGCCACAATTAGGAGGAAG GAGAAAAAAGAAAGGAACCGGAAGGAAAATAGGCCAAGGAAAAAAACACA AAAAAGGGGGGGGAAGGGGAAAGGAGAGGAAAAAAGGGGAAAAAGAACCG GGGGGAGGGGGAAAAGGGACAAAGGAGCCAAGAGGGAGGGGAAGGAAAA G G G G G A A A G G G GCCAGAAGGAAAAGAAAAGGAGGCAGAGGAAGGCCAAG GCGCCGGGGGACCGGCCAAAGGGGGGGGGAAAAGGGGGGCGGGCCGGAG A $\operatorname{G} \operatorname{G} \operatorname{GA} \mathrm{A}$ GGGGGAGGGGAAAAAGAGAGGAAAAGAAGGAGGGCAAGGGGAA AGGAAGGAAAAAAAGCAGGAAAAGAAAGGAAGGAAAAGGGGGAAAAAAAA A G GAAGACCAAACAGGGGGAAAAGAGAAAAAAAGGGGGAGACAGGAGCAA CAAAAAGGGAAGGAAAGGGAAAGGAGGGGAGCAGGGGGGGGAAAACCGG GAGGCCCAAAAGGGAAAGGAAAGGAAGAGAAAGACCAGGGAAAAGACAGA AGAGGAAACCGGGGGACCAAAAAAGGAGAAGGGGCCGGAGGAGAGGAACA AGGAGGAAGGGGAGAGGGAAAAAAAAGAGGCCAGGAAGGGAGGGAAAAAC

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AA $\operatorname{A} G \mathrm{GGGGGGAGGGCAAGAACCGGAAGGGGGGGGCCGGAAAAAAAAGGG}$ GAGAAGAACAGAAAAAAAAGGGGCAGGAGGGAAGAAACCACCCAGACCAC CAAAGAACAAGGAAGATAGGGAGGGGGAAAGGAAAAAGACCGGAAAAATG AGGGAAGGGAGAGAGAGGAGGAAAGCCAAGAGGGACCGGGGGGGAAACC AAGGAGGGAAAGACAAAGGAGGAAGGACGGAGCCAAGAGGAAAGCACAAA AACCCCCCCCAAAACACCGGGGAGAAAAAAGAGGGGAAAAAGGGCCAGGG AACCGGAGGGAAGGGGGGAGGGGGCCGAGACCGAAAGGAACCCCAGAAAA AAAAGAGCAAACAAGGAAAAGGAAAGGGAAGGGAAGCCGGCAAAGGGGGA GAAAAAGGGGCCGGAAGGAAGGAGGGGAAGGGCCAAACGGGGGGCAAA GGACAAGCCGGAAGACCAGGGAGGGAAGGGGGGAAAAAAGGGGGGCCGG AAAAAAAAAGAGGGAGGGGAGGGGGAAGCCGAAAGAAGGGGGGAAAGGA CGGGAAGAAAAGGAAGGAAAAAAAAAAGGAGGGGGGGGGGGAAAAAGAGA AGAACGGAAAAAGGGCCGGCCAAAGAACCGGGGTTGGAAAACAGAAAGGG AGGGGACAGCCAAAAAGGGGGAAGGAAAGAGGAAAGGGGGAAAGGGGCC AACAGAAGGAGAGGGGAGAGAAGGGGAGGGGGAGGGGAGGGGGGGGAAG GAGGGGAAGGGGGAAAGAAAGAAGGGGGAGGAAGGGAAGAAGGAAAAGG GAAGAAAAAGGAGGCCGGAGCCAGCCGGGGGAAGACAGGGGAAAGAAAAA AA G GAGAGCAGAACACAAAAAAAAGGGGAAGGGAAACCAGAGGGGGAACC CCGAGGGGGGGGAGCAAGAGCAAGGGAGAGGAGGCCAAAAAGAGACGAA GGAGAGAGGAAGGAAAAGGGAGGAGGAGAGGGAAAGGGACCGGGGGAGG AAAAGGCCAAAAAGAGGGAAGGGGAAAAAACAAGGGAAAAAGAAAAAACC A G G G G G GAAAGGGGAAGAAAACAAGGAGAGCCGGGGGGGGGAAAGGGAG AAAAACCAGAAGGAAAGACAGAACCAAGGACGGGAGGACAAAAAAAGGGA A G G G G G GAA $A$ A G G G G GA $\operatorname{AAACGAAAGGGGGGAAGGGGAAAGGGAAGGAA~}$ AA G GAAAAGGAAGGAGACGAAAAAGGGGGGAAGAAACCGGAAAAAAGGCC GGAAGGGGACAGGAGGAACAAAGGGAAAGGAAGGGGAAGGGGGGAGAAA AAAGGAACGGGCCGGGGAAAAGGGGAAAAGGGGCCAAGGAAGGGGAAAAA AAAGAAGGGAGAAGGAAAAAAGAAAAAGGAAGGAAAAGGAAAAAGGGAAG GGGGGAAATGGAAGGAAAAGGCCACGGGGAAGGTTAACAGGAAAGAAAAA AAACCAAAAGGGGGAAAGGAAGGAGCAGGCCGGAGGGGGGGAGAGACGA AAGGCCAACCAGAAGGGAAGGAGAGGGGAAAACACAAGGGGGAAAAACCA G GTAACGAAAGGCAGGGGGGACAACCGGGGCAGGGGGACAGAAAAAAAGG AAAAAAGGAGAAGGGAAGAGGGACGAGGTTAAAAGAAGGGAAAGAGAAGG GAGGGGCCAGCAGGACAAAAAAAAGGAAAGAGAAAGAAAAAAAAGGGGGG AAAAGGCCCCAGGAGGAAAAAGGAAACCAAGGGGGGGGAATTAAGGGGAA TTGGCCAACAGGGAAAGAGGGGCCAAGGGAAAGGGGCCGAAAGGGGGAA G G G A A G G GAGGGGAGGGAAGAGGAAACGAGAAGAGAACGATACGAAGGG AAAAAAAGGAGGAAGGGGAACCAGGGGGAAAGGGCCGGAAAAGGCAGGAA G GCCAAA GAGGAAGAAAGGGGAAAGACCTTGGAAAGACAAAAGGGGCCGG AAAGAAGGAAGGAACCAAAAGGAAAGGACCAGGGGGAAAGAAGGCCAAGA AAA G GAGAAAAAAGGGGAGGCCCAAGGAAAAAGGGGGGAAAAGGAACCGG AGGGCAAGAAAGGGAGCAGGAAGGAAGGAAGAAGGGGAGAGGGGGGAGA AGGAGAGGAAAAGGGAAAAGGCCAAGGAAGGAAGGAACCAAAAGGAAGGA AAACCCCAAGGGGGGGGGGAAAAAAGGAAGGGGAAAAGGGGAACCGGAAG GGGGGGGAAGGGGAAAAAAGGGGAAAAGGGGGGCCGGAAAAGGAAGGCC AAGGGAAAAGAAGGGAGGACAAGGAAGGAAGGACGAGGAAACAAACGGGG AAAAGGAAAAGCCAACCACCGGAGAGGAGAAAAAAAGGGGAAACAAGAGG AGAAGGAGGGAAGAAAAGAAAAGGCCGGGAAAGGGGCCAAGGACGGAAAG G G G GAA G G G G G GCCGACAAGGGAGGAAGCCGAGGAAGAGGGGAGAGGAA GAACCGGAAAAGGCCAGAGCAGAGGAAAAGGGGGGAGAGGGAAGAAGGA GGAAGGAAAAGAGAGGGGGAGAGAAGGAAGGACAAGCCGGAAAAAAAAGG TTAGAAGAAGGGGAAGATCAACAAGAGGACAGGGCAGGAAAAGGCAGGCC AACCCAAAGGAGGGAAGGGGGAGAGGCCGGGGGGAAAAGGAAGGAAAAG GAAAAGGAAGGGGGGCCGGAAGGAAGGGGCCAAAAGGAAGGGGGGAAGG
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ACAAGGAACAGGAAGGAAGGGAGGGAAACGGAAGGAAAGAAGATTGGGGA A G G G G G G GA G G GAA $\operatorname{A}$ GGAGGACCAA GAGGGGCCGGGGGGGAAAGGAGCC G G G GCCGGGGACCCAAAAGGGGGGGGAAAAGGAGAAAAAGAAGGGGAAA AGGAAGGAAAGGGGGGAAAATACAAAAAAGGCCGGCCAAGAGAAAAGAAA GAAGGAGAGAGGGGCGGGGAGAAAGCAAAGGAACCAAGAGGGGGGCAAA AGAAGGAAAAGGGGAGAGAAGGAAGACCAAGGAACCAAACAAGGAACCGG G G G G G G A GCCGAGAAGGGGGAGAGGGGGCCGAAGAGAAAGGAAGAAGGC AA G G GAAGGAAAAGAGAGAAAGGCCAGGGGGCCAGGAGGAAAAGGGGTTA AAACAGGAAAAAGAAAGGGAGGGAGGGGGAAGGAGACAGGGAAGACAGG GGGAAGAAAAGGAGAAAAGGCCGGTTAAAAAAAAGGAAGGAAAAAAGGGG AAAGAAAAGGGAAGGGAGGAGAGGCCGAAAGGAGAAAAGGCCGGCCCAAA GAGGAGCCAAGGAAAAAAAAGGGGGGAGAAAAAAAGCCGGGGGAGGGGA GAAGGAAGGGGGGCAGGACAGGGAGGGGAAAAAGAGGCAGACCGGGGGG GGAGAGCCAAAACCACGAAGAGGAGAGGCCGGGGGGGAAGGAAAGACAGG CAAGCCAAAGAAGAAGGGAGAGAAGGGAGGAGGAAGAAGGAACGAAAAAA GAAGACGGAAAAGAACGAGGCCACCCACAGACAGGGGAAGAAGGGGGGGA GAACGGGGAAGAAAAGAAGGAAGGCCGGGGAAGGGGGGGGAAAAAAGGA GAAAAGGAGGACACAGACAAGCCAACCAAAGGAGAAGGAGGGGAAAAAAG GAAAAGGACCCGGGAAAGAGGAGACAAGGAAGGGGACGGCAGGCACCGGA AGGAAGAAGAGAAGAGGCCGAGAGGGGGCATGGAAGGAATAGAGGGGGG GAAGAAAAAGGGGGTTAAGGGGGGAGAAACGAAGAGGAGAAAGGAAAGGA G G G G A G G A G A A A G G G G ATAAAAAAAGAAGGGGGAGGGATTCCAACCAAAG AGGGGGGGAAGGAAGGAAAAAAAAAAGGAAAAGGGGAAAAAAAAGGGGAA ACAAAAAAAAGAAAAGAAAGGAGAACAAAAAAAAAAAAAGGAGAAACCGA G GAGAAGGGAAACCGACCGGCCAAAGAGAAGAGAGAAAGGAAGGGGAAGG CAACAAAAAAGGGGAAGAAGGGCCGGCCGGGGGGAAAACAGGGAGGAGAG AAGGAAGGCCAAGGAAAAAAAAAAGGAAGGGACCAGAGAAAAAAAAGGAA GGGGAACAAAGAGAAAGGGGGGAAAGAAAAGAGGGAGGAAAGAAGGGACA AAAAGAGGAAGGAACCCCGAGAGGAAAGAGGAAGGGAGAAAAAAAGAGAA GGCAGGGGGAGGAACAAAAAGAAGAGGACAGAAAAAGGGGGGGGGGAAG GGGAAGGAAGGCCAAAAAACCGGAAAAGGCCAAAACCAAAAGGGGGGGGA ACCAACCGGGGGGGGAAAACCAAAAAAAACCGGAAGGGGCCGGGGAAAAG G G G G G A A G G T T G G G G G G A A G G G G G G G GCCAAAAAA G G G GCCGGAA G G G G
 GAAGGAAGAAGAAGGAGGAGAAAAAGGGGAAAAGGAACCAACACCGGGGC AA G G AA GAGCCAAACGGAAAGGCGGTTGGAAGAGGAGCAAGAGAAGGACC CGGGAGAAAAGAAAGCCGGAAAAGGAGAGGGGGAGGGAGCCGGGAAGGA AGAACAAGACGAAGGAGAGGCCGAAAAAAAGGAGCCAACACCGGAAGGGG GAAACACCGAGGAAGGAAGGGGAAAAAAAAAAAAGGGAAAGAAAAAAAGG AGAGCCAGCAGGGGAAAAACAAGGGGAGGGGGAAGAAGAACCAACGGGGG A G G A A A A A A G A G G GCAA GAAGAGGAAGGGGAAGGGGAGAAAAGGGGAGG AGGTTAAAAGGGGAAAAGAAGAAAGGAAGCCAAAAAAAACCAAGGAGAGC C G A A A G G G GAGGGCAGGGGAGCCAGAAAGGGAGAGGAAACAACAAAAGGC CAACAAAGGAAAAACAAAAGGCCCAGGGGGGGGAAGGAATTAGAGAACAA AACGGAAGGAAACGGGGGGCCGAGACCAAGAGGAGAAAAAAGGAGGGAAG CGGGGGGAAAAGAGAGGGGGAAGGGAAGAAAAAAAAAGACCGAGGAACCG GAACCAGCCGGTTAAGGGAAGGGGAGGAAGGAAGAGGGGAAGAAGAAAAA AAGAAGGAAGGGAAGGGAACGCGAAAGGGGGGAAGAGAGAAAAGGCCACG AAAAAAAAAGGAGGGGAAGAGATAAAAAACCAGGGGGAAAAAGGGAACCA G G G G G G G G G G G G GAAAAAA G GAACAA AACGAGGGGGGAAGGAAAAGGAA G GCCGGCCAAGGGGAACCGGAAAAGGAAGAAAGGAACCAGTTGGAAGGAA GGAAAAAAAGAAAAAAGGAAAAGGGGAAGGAGGAAAAAAAGGGAGGAACA G G G G G G G ACCAAAAAGTAAAAGAAAGAGAGAGCCGGAAGGGAGGAAAAAA CCACGGGGCAAGGGCAAAAGTTGAACCCAAAAGGGAAGGGAGAAGACCGA G GAAAAAAAAGAGGAAGGCCAGACAAAGGGGGAAAAGGAAAACAGAGAAA G GAAAAGGCAAAAAAAGGCCCGAAAGGAGAGGGGGGGGGGAAGGGACCAA G GAAGGCGGGGGGAGGAGAAAGCACAACGGACAGACGACCAAGGAAAAGG AA G G AA G GAAAAGGAAGGGGGGGGGGCCAAAAGGGGAAAAGGGGCCAAA AAAAAGGGGAAAACCGGGGAAGGAAGGAAGGGGAAAAGGGGAAAAAAGGG G G G AA $\operatorname{l}$ GGGAAAAAAGGGGGGAAGGAAGGCCCCAATTAACCGGTTCCGGG GGGAAAAAAAAGGAAAAGGAAAAACAAGGGGAAGAGGAGAGCACCAGCCG

GTTCCAGGAGAGGCCCAGAAACCGGGGAGGAGGAGCCAAAAGGGGACGGA AGGAGAGGAAGAAAGAAAGAGGGCCGGAAGGAAGGCCGAAAAAAGAGCCC CAAGGGAAGAGGAGAGCAAAGCATAAGGGGGCAAAGGGGAAAAAAGGGGG GGAAGGGGGGGGAAAAAAAAAAAGGAGAGACGGGGGCAGGGAGGAAAGG G GAA $\operatorname{A}$ GAGGGAAGGGGAAGAAGAGAAGGGGAGGGCCGGCCGGAAGACCA A G G GAGGAAGAAAAAGGGGACGGAAGGGGGGAAGGAAGGAGAAGAAACC G GAA $\operatorname{l}$ GGGGGAGAAGGAGCAGGGGCCTTGGAGAAGGCAACGAGAAGAAT A GAA G G ACCGAAAAAGGCCGGAGGGAAGAGAGAGGAAAGAACCAAACCCG A G G G A G G A A A A A A GAGGAAGAAAAAGGAAGGGGAAAAGGAAAAGGAAAAA AA $\operatorname{A}$ GGGGGAGGGGGAGAAAGGAAAAGGCCGGGGAAGAAGGGGGCCAGAA GGGAGAAAGACCAAGAAAGGGGAGGAACGACAAGAGAAGGGGAGAAGGAA AAATGGCCGGGGCCAAGGAAGGAAAGAATTGAGGCAGAAGGACAAGGAAA AGAAAAAGAACCGAAAGGAAAGCCCCAAAAGAGGAAGGGGAAAAGGGGAA AA G GAAGGGGCAGGACGGAAAAAAGGGGAAAAGGGGAAAAAAAAGGCCGG AGGGGGAAAAAAAAAAAACCGGGAGGGGGGAAAGAGAGGAAAAAAAAAGG GGAAAAAAGAAGAGAGGGGAGAAGACATAGAGAAGGCCAAGGGGGAGGAA AA $\operatorname{A} A A \operatorname{A} G \mathrm{GACGGGAGGAGAAGAGGAGGAGAGGGGGGGGGAGGCACGCCA}$ AA GACACAAGGAAAAAAAAAACCGGGGCCGGCCGGGGTTGGAGAAGGCCG G G G G G G G TAAACAGGAGAGAACCGAACGGCCGGGGGGGGAAGGGGAAAA AA $\operatorname{A}$ GGAGGGAGGGGCAGGAGGAGGGAAGAGAGAAACGGGGGGGGAAGGG GCCCAGAGAGGAAGGAAAAGGGGGGGGAAGGGGAAAAGGAACCGGGGGG G G CC G GAA G G G GAA G GAACCGGGGGGAAGGAAGGCAAGAAGGCAGGGGG GGGGACCGGAAAGGAAGGAGAGGAAAAAGGAACAGACGGAAGGGGACAG G GCCGGGGAAAACCGGGGAAAAGGAAGGGGAAAAAGGGAAGACCGGAGG GAACAAGGACCGGGGGGCAAGGGGGCCGGAACCAAGGAAAAAAAAAACCG GAAGGGGCCCCGGCAACCAACAAGGGGAGAGAAAGAAACAAAAGAGGAAA G G G G GCCGGCCGGGGGGCCGGGGGGGGGGGGGGGGGGAAAACCAAGGAA GGCCAAGGGGGGGAAAGGCGAGGGGACGCACCAAGGAAGGGGGGCCGGA AGGAGGGAAGAAGGGAAAAAGGGGGAGAAAAAAGGAGCACAAGAAAAAAG AAGGAGAAAGGGGGGAAGACCAGGGTAGAAAGGAAGAAAGGGGAAGAAAG GACGAGGGGAAGGAGGGGGGGAGGAGACCAGAAAGAGGGAAGGCCACGG AGAAAGCAAAAGGGGAGAAGGAAGAGAGGGAGAAAGAAGGAAGACAGGCC CCGACCACGGGGGGGGGGAAGGGGAAAAGGGGCCGGGGAAGGCCCCGGA AAAAAACGACAGGGAAAGGCAGGGGGGAAGAGGAGGAAAGGAAAGGGAAA GAGGGGGGGAACCGGAAGAGAAAGGGGCAAAGGAAAAGGAAAAGGAGAG GAGGGGGAACGAGGACGGGGAAAACAAAAGAAGGGGAAGGAAGGAAAGG GAAAGAACCAAGAAGAAGGAAAAAAAAGGAAGGGAGAAGGGAGGAGGGAG GAAGACAAGACGGGAGGAAGGAGAAGGGGGGGAGAAGCCAAAAAGAGGG AA G GAAAAGGGGGGGACAGAGGAAAAGAGGAAGAAAAAAGAGCCGACAAA AGAGGAAGGGACCCAACCAAAGCCGGCCGGTTAGGGGGGGGGGAGAGGA A G G G A G G A A G G G GAGAGGGGAGAAAGACAGAGAAGAAGGGGGAGGAAGG G G GAGAGAAGAAGGGGGGACCCCCGGGGGAGGAAAAGAAGAAGGAAGGG GAAAAGAAAAAAGAGGGAAAAAGAACCGGGGAAGGAGGGCCAGGGGGAGG GGAAGGAAGGAGACCAGAATAAGACAGGGGGGAGGACGGCAGAGGATGAA GGAGGGAGAGAAAACAGAAACAGAGGGGGAGAAAACCAAGGGGAGCACCA GCAGAAAGAAGGAGAAGAAAAACAAGAAGCCGAAAAAAACAAAAAGAGGA AGGAACCAAAAGGGGGGAAAACCAAAAAACCAAGAGGAAAAGAGAGGAAG GAAGGAGAAAAGGAAGGGGGGGGGGGGGGGGGAACGGAAGGGGGAGGGG G GAAGGGGGAAAACAAGGGGAACAGGAAGAAAAAAACAAAAAAAAGAAAG AA GAAAAGGAGGAAGGGGAGAGGAAGAAGAGAGGGGAACCAAAAGGGAGA ACGGGAAGGAAGAGACGAAAGGGGCCAAGGGAAAGGAAGGAAGAAAAGGA AAAAGGAGGGAAAGGGAAAAGGAAGGGAAGGAGAAAGGCCAGGGAGGGA AGAAGAACCAACCGGAAAGAGAAAAAAAGCGAAAGAAGAAGGGAAAAAAG GAAAAGGGGAAAGAAAAAGAGAGAGCCACAAGGAACAAGGGAAGGACAGA AGGAAGAAAGGCAAGAGGAAAAGAGGAGAAAAAAGGGAAGGAGGAGAACG GAAGGGGGGGAGGAGGGGGGGAGCGGGAACACAGGAGGGAACAAAAAGG G G A A C C G G G G G GAGAAGGGGGGAAAAGGAAAGGGGGAGGCAGACCGAAG GCAAAGGGAAGAAGGAAAAAAGGAAAACCGGACCAGGAGAGGGATAGAGG AAAAAGGAAGGGGGGCCAAGGAAGGAAAACCAAGGCCGGAGGGAAAAAAA AAGAACCCAGAGGGAAAAGGGACAGCCGAAAGGAAAGAAAAGGGAGAGGG AGAGGGGAGAAAACCGGGGAACCACAACAAGTAAAACGACCGAGGAGGGA

AAGGCAAAAGAAGAACGAAGGCCAAAGGGGGAGAGGGAAGGAAGAGGAAG GAGGGAGCAGGAGGAAGAGAGCCGAAGGGCAAAGACCGGAAAAGGAAAAG G G G GAAA G GCACCAGAAGGCCAAAACCAAGGGGGGGGGGGGGGAAAACCC GCCAAAGGGGGGAGAGAGAAAGAGGAAAAGGGGAACCAAGAGAAGACATA GAACACCAAGAGGTTAAATGAGAGAGAGAAAAAAAGGGGAAGGAAAAGGG GCAGAGGAAAGAAAAAAAGGGGAAACCGGCCAAAAAAGGCCACGGGGGGA AAAGGAAGAAGAGCGAAAGTTGAGGAAAAAAAAGGCCCCCCGACAGGAGA AGAAGAACCCAGAAGGGATACCCCAAAAGCCCCAAAGAAGGACAGCCGGG G GAGGGACCGGAAGGAACCGGGAAAAGAACCAAAAAAAGAGAAAGGAAAG GAAGGAAAACCGGGGCCGGGAAAAGAAAGAAGGAAAGAGGGAAGGAAGGG GAAGGGAGGCCGGAAAAGGAAGAGCGGGAAAGGACGGGGTTGGACGGAG GCGGAAGGACAACCAAAAAAAAGGGGAAAAAGAGAGGAAAAAGAGGGGAA TTAAGGAGAAGGAAAAGGCGAGAAGGGAAGGAAGAAAAGGAAAGAAAGAG GAAGGGAGACAGGGGAGCAGAAGGGGAAAAAGGGAAAAAAGAGAAGAAAA CCAAGGAAGGAAGGAAAAGGAAAAGAGGATAGGAAAGAACGGAGCCCAGA G GAGGGGGGGGGAAGGAAAAGGGGGGGGGAGAAGAAGGGGGAAAAAGGG G G G G G AAAAAAAAAAGGGGGGAAGGGGAGAAAAAAGAAAAGCCAAGGCCG GAGAGGGGGAAAAGGAAGGAACCAAAGGGAACCAAACAAAAAAGAAGAAT TAAATAAAAAAGAGGGAAAAGAAGGCGAAAGAATTAAAAAAGAGGGGGGG GGGCCGGGGGGAAAAGGAAGGGGGGGGAAAAAACCAAGGGGGAGACCCA A G G G G G G GAAAAAAAAGGGGACAACCAAAAAAGGCCAAGGCCCCGGGGAA AAGGAACCGGAAAAAAAAGGGCAAGGGAAAGGAGAGGAAGAGAGAGAAAG AA $\operatorname{GAAACAGGAGGGAAACGAGGGGAGAACCAGCACAAGCAGACCGGAAGG}$ GGCCAGAGGGGGGGAAAAGGAAAGGGCAAGAAAAGGAAGAGAGGGGCCG AGGGAGGGGCCCCCCAAAAGAAAAAGGGGCAGAGGGGACCCAAAGCCGGA AGGAACCAACCCCAACCGGAAGGAAAAAAAAAAGACCGGGGAGAAAACAA AA GCAGAAAGGGGGAATAAAAGGGAGGGAAAAGGGGGGGGGAAAAGACCA AAAGGAAAGAGAGGGAAAGAGGGGGAAAAAAAAGGGGAAAAAGAACAAAA GAAAAGGAGAAGAATAGAACCGGGAAGCCGACCACAGAACCCCAAAAAAA ACCGAGAAGAAAAGGAAGGAAGGAAAAGAGGAACAGAGGGAGGGGAAAGG GAAGGAAACGAGGATGGGGAGAAGAGGAAAAAGAGCCAAAGGCAGAGGAG AGGAAGGAAGGAAGAAGGAAGCCAAGGGGGGAAGAAGCCAGAAGAGGAAA CCCGGGGAGAAAAACGGCCGGAAAAGAAAAAAACCAAGGGGAGACAGAGA AAA $\operatorname{l}$ GGAGGAAAAAAAAGGAGAAAGGAAGGGGGGGGGCAAAAAAAGGCCA
 G G G GAA G G G G AA G G G GAA G GAAGGCCAGGGGGCCTTGGGGCCCCAAGGC CAAGGGGAAGGAAAAGGGGCCGGCCGGAAGGGGTTAAGGAAGGAAAACCC
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GAAAAAATAGCCAGCCGGAAAAGAAAAGAGAAAAGGAAAGAAAAGGAAAA AAAAGACCAGTAAGAAGGGGGGGGAGGGGGAAAGGGGAAGAAAAAGAGG GAGAAAAGGAAGAAGGGAGAAGAAAAGAACCAACCGGGGAAAGGGGGGGG AGGGAAGGGGGAACCGGATGAAGCCGGAAGGAAGGGGAGAAGAAAGGGG GAGCGGGGAGAAAAAACCCCGGACGGGGGAGAAAAGGGAGGACCGGGGG A G G GAAA G G G A A G G GAGGGGGGGGAGAGGGAGAGGGACCGGAGGGGCC CCGGGGAAAACCGGCCAAAAGGCCGGAAGGAAGGGGGGAAAAGGAAAAGG GGGGGGAACCGGGGAAGGAAGGAAAAGGGGGGAAAAAAGGGGGGAAAAA AAAAAGGGGGGAAAAAAAAGGGGGGGGCCAAAAGGGGAAAAAAAAGGGGA ACCGGAAAACCAAGGGGAAAAAAAACCGGAAGGGGGGGGCCAAAACCGGA AAAAAAAGGGGGGAAGGAAAAGGGGGGAAAAGGAAGGGGAAAAAAGGCCT TGGAAAAAGAAGAGGAAAAGGAAGGGGGGAGGGAACCAAAGGGAAGGACC CAACCAACGCCGGGGGGAAAAAAGGGGACAGGGCAAAGGGGAAGGAAAAC CAGAAGGGGGGGGGAGGAAAGAAGGGAGAAAGGAAAAGGAAGGAAAACAC AA GAAGGCCAAGGGGGGGGAGCCAAAAGAAAAAAAGGAAAGGAAGGAGGA GACGGAGAAGGAAAAAAAAAAAGGAGGGAAGAAGGCCAGAGAAAACCGAG GGGAAACAAGGGGGGCCAGGACCGAGGGAAGGAGGGAGGGGGAGAGGGA GAGGGGAGGAGGGGAGAGAGGAGGGGGGAAGAAACAAGAAGAGAAAGGA GGGGGCCAAAGAACCCCCCGAAGGGCCGGGGCACAGGAAAAAAAAAAGGC CGGAGGAGGGACACGAAAGCAAGACAGAGAGAGAAAAGGGAAAAACCAGA GCAGGGAAGAAAGACAGAAAAGGGGGGCGAAAACCGAAAGGAAGACAGAA GGAGACCAGGGAAAACCAAAAGAAGAACCGGGAAAGGGCTTCCGAAAAAG AGGGGGGCCAAGAAAAAGACCGGCAGACGACCCGGAAGGAGGACCGAAGA AAGGAAGCCGGAAAAGAACGGAGAGGAAAGAGAAAGGGGGGCCTAAGGAA GGAAAGGAGGGAAGGGGGGGGGAAACAAGGACCCCGCGGAAGGACGGGA AAAAGGGGAAAAAAGAAGGGAGTAAAGGAAACGAAAAAAAAAGGGGGAAA AGCCAAAAAATTGGCCAGCAAGAAGGAAAAAAGGGGGGGAACGAGAGGGG ACAGAGGGAGGAGGCAAGAAAAAAGGAAGGAACCAAAAAAGGGGGGAAGG AAAAGGAAAAGGGGGGGGAAAAAAAAGGGGAACCCCAACCAAAAAAAAGG CCAAGGGGGGCCAAAAAAAAGGAAAAGGAACCGGGGAAAAAAGGGGAAGG GGAACCGGAAAAGGAAAAAATTACAGGGGGAAAGAAGGGAAGGAGGAGCC GAAGGACAAGGGGGGAAGAAGGCCGAAAAAGAAGAGAAGCGAGAAGGACC GAAGAAGGGAGGGAAGGGAAAAAAAAGGAAAAAAGGAAAAGGGGAAAAGG GGGGGGCCAAGGAAGGCCCCAAAAGGGGGGGGGGAAAAGGAAAAGGGGA AGGAAGGCCAAGGAAAAGGAAAAAAAAAAAAGGAAGGCCCCAAAAGGGGA AAAAAAAGGCCGGAAGGAACCCCAAAAGGGGGGAAAAGGGGAAGGTTGGA AGGAAGGGGGGGGAAAAAAGGAAGGCCCCGGAAGGGGGGAAAAAAAACCA AAAAAGGGGAAGGAAAAGGGGGGGGGGGGAAAAGGAAAAAAAAAGGGGG CCGGGGGGAAGGGGAAAAGGAAGGAAGGGGGGGGGGCCAAGGAAAACCA AGGAAAAGGGGAAAAAAAAGGGGCCAAAACCGGAAAAAAAAAAAAAAGGA AGGGGGGCCCCGGGGAAAAGGGGGGAAGGAAAAGGGGGGGGGGAAAACC CCAAGGAAAAAAGGAAGGAAAACCCCGGAAAGAAAGAAGAGACAGGAGGG GGGGAAGGAACCAAAAGGAAAAAAACGGAAAAAAGGACAGCACCAAGGAA CCGGGAGGGGAAAAAAAGAGACCCAAAAGGAGGGTTCCGACCAGCCGGAG AGGGAAAAGGCCAAAGGAAGCCGACGGACCCCAGGGCCGAGGAGGGGGG GCCGGAGGGAGGAAGAGGAAAGGAAGGGGAGAGGGCCAAGGGGGGGGGG GGAAAAAACCGGTTAAGGGGAAAAAAGGGGCCGGGGACAGGGAGCAAGCA AGACCAAGGGAAGGCCAGGAGGAAGGGGAAGACACAAGCAGAGGAAGAAG ACAGCCAGGAGAGGGGGGGGGGGGGAGGAAGGGGGGAACCCCAAAGAAG GAGGGCCAAAAAAACGCGAAGAAAGAAAGAGGGAACCAGAAAGGGAGGAG GAAGGAAGGGGGACAGGCCGGGGAGGGCCAAAAGGGGGGGGGGAAGGAA AAGGGGCCAAGGAAGGAAAAAAAAAAAAGGGGGGGGGGGGAAGGGGAAG GGGAAAAAAAAAAGGGGGGCCCCCCGGGGCCGGGGGGAAGGGGGGGGGG AA G G GGAACCAACCCCGGGGAAGGGGAAGGAAGGGGGGGGAAGGGGGGG GAAGGCCAAAAGAGATAGGAGAAAACAGGAGGGGGAAAAGGAGGGGAGGA AGGAAGGAAGAAGAAGGGAAGAGGGCAAAGGAAGGAAGGAAGAGGGGGG A GA GCCGGGGAGGGAGAGGGAGGGGAAAGGAGAAGAAAGGGGGAAGGGG AA G GAGAGGGGCAAAGGAAAAGGAAGGGAGCGGAGGAAGGGGGGGGAAG AAAGAAGGAGCCACGGGGGGAAGGCCGACCAGAAAGGAGATTAGGAGGGG GGGAGAGGGAGACCGGAGACAAAAGGGAGAGGAAAAAAGGAAGGCAGAAA GGACAGAAGGCCGGAAAAGGGAAAAGAAAGAGCAAAGGGCGGGGACGAGG

G G G G G G G G A A A A C CAAGGAAGGAAAAGGAAAAGGAGGAGAACAACAGGGG CCGGGGGAATAAAAACAAGGGAGAGGACGGCCGAAGAAAACCGGGGGGGA G G G AAA G G G GAAGGCCAAGACCAAGGGGAGGAGAGACAAGGAAAAAGAAG GCACCCAACCCAAGCAGGGAAAAAGGGGGGCCCCCCAAGGAAGGAAGGGA GCGGAAAGCAGAGGGGAGCCAAGGAAAGACAGGAACGGGGGGAAGGGGG GAAGGCCGGAAAAAAACAAAGCCAGAGGGCCGGGGAACAGGGGGGGGAG GGGAAGAGAGAGCCAGAAGGACAGGGGCGAAACCAAGGGAAAAAACAGGG GGGGCCGGAAAAAAGGAGGGGAGGAAGGGAGGCCAAGGGGGGAGGAAAG AAAGCAAGGAAGGAAAAGAAAGGGAGGGGAGACAAGGAGCCAAGGAGGGA AGGAAGAAAGGAAAAGGAAGACCAGACAGAAAAAAAAGAAGAGGGAAGGG ATAAGGAAAAGGGAAGGGGAAAAGGGAGGGGCCAAAAGGAGGGGGGGGA ACCAAAGGCAGGAAGGGGGGAAAAGGAAAAAAAAGGGGGGAAGGAAGGAA AAAAAAAAGGGGGGGGGGAGGAAGAGACGGAGGGAAAAAAAAAAGGGGAA AAAGAAAAGGAGGAGGGGAAAAAGAAAGGGAGGAGAAGAGAGAGGGAGG AGAGGGGGAAGAGAAAGGGGGGGGGGGACACACAAGGGAGGGGAACCAA AGAGAGAAGAAAAGAAGGAAAGAGGAAAAGAAGAAAAAAGCAAAGGAAGG AGGGCAGAGGAGCAACAAAAAAAAGAAAGGAGCCAAAAGAGAGGAAAAAG A G G G A G GAAAGGGAAGAAAGAGGAACGGAAAAAAGGGGAGGGGAAAAAAG AGAGGGAGAGAACAAAAAAAGAGAGGGGCCGGGGAAGGGGAAAAGGGGA ACAGGAACCGGGGAAAGGGCAGGGGAAGAGGAAAAGACCAAAAAAGAAGA GAGAGGGCAAGGAGAAGAGAAAAAGAAGGAGGGAGAGACAAGGAAAGAGG A G GACGGAGGAAAGGGAGAGAAGAAGGACGAGGCAGGAGGAGGAAAGAG CCAGGAGGGGAAAAGAAAAGAGGGAACCGAGAGAACAGGACCGGCCGGCC AGGAAGCAGAGAGAAAGGAGGAACAAAGAGAAGACAACGGAGCCAGAAAA AA G GACGGAAAGAGCAGGGGGAACAGGGGGGGGGAACCAGAGGGGACCC CCGGGAGAAACGGAGAAAAAAAAAAGGACGAGACAGGAAGGGGGGAAAGG AA GAGAAAGAGGGAAAGAGAGGGAAAGCCCAGGGAGGAACCAAGGAAGGA AAGAGGAGGCAAAAAGGGGAAAAAAAACCAAAAAAAAAAGGGGTTGGGGA AGGAAAAAAGGAGAAAGCAGACCCCAACAGGGGGGAACAGAGGAGGGGAC AGAGACAGAGACAAGAGAGGGAAGGGGAGAAGGGAAGAACCGGAGGGAG GAAGAGGAGGGAAAAGGGGGGGAGGGAAAAAAAAAAAAAAAGAAAAAGGG AAAGGAGGACAGAAAAGGCCGGAGAAGGGGAACAAAACGGGGAAAAAAAA G G A A G G G G G G A A G GAA G G G GAAGGAAGGGGGGGGGGAAAAAAAAGGAAG ACCGAAGAGGGAAAGGAACAACCAAGGGGGGGGAACAGGAGCCAGAGGAG AGGGAGAAGGGGAAGCCAAGGAAACCGAGGGGGCCGGAAAAGAGGGACAA CAGGAACACAGGAACAAAGGAAGAGAAAGATAGAAGGAAGGAAGGAGGAG A G G GAGGAAAGGGAAGGGGAAGAAGCCGGAAGGAAAAGAAGGGGGGGAG GAAAGGGGGGAAGGAAGAAGAGAAAGAAAGGAAAAAGGGGGAACACCCAA CCAGGGGAAAGGAGACAATTAGAGGAGGGGAACAGAAAGGGGAGAACCAG GAGGAGAAGGGGGGAGGGGGGGCCAACAAGACGAAGAAGAGGGAGAAAG GAACCAAGGAAAAGGAAGAAGGAGAAAAAGGGAGACAAACCCCCCCCAAC CAAAAAGGGGGAAAAAGAAGGGGGAGGAGACGGAAGAGGTAACGGGAGG CCAAGGGGGACCCCGGGGGGAAAAGGGGAGTTAGGACAAGGAAAGGGGC CCCGGGGAAGGAAAAGACAGGCCAAAGGGAAGGGGGGGGAGCCGCGGAC GGACAGAAAAAAAGGAAGGAGAGGCCAGGGAAGGAAAGAAGAGGAAAAGA AGAGGGAAGGAAGGAAGAAAAAAAAAGAACGGGGGGGGGGGGTAAGACA GAAGGAAGGGGGGAAAAGGAAGGGGGGAAAAGGAGGGAAAAGAAGGAAC AA $\operatorname{l}$ GGGGGAAAAGGGGGGCAGGGACAAAAAGGGAAGCCGCGAGGAAAAA G G G CA GAA GAA GAAAAAGGGGAAAGAAAAAAAGAGGGGGAGGGAAAAGGA A G G G GAA $\ln$ AGGAGAAAAGGAGGGGGGGCCAGAAAGGGGAGGGGAAGGAA G G G GAA G GAGAGAGACACGAAAAAGAAGGGAGGGGGGAAAAGGGGAAAG ATTGATAGGAGAGCCAGGGGGAGGGAACCACAGAGGGAGGAGAGGAAGG GAGGAAAGAAGAAGACGGAAGGAGAGAACAGGGGCCCAGAGGCCCCAACC AAACAAGGAAGGGAAAGAGAAAGGCGAGCAGAGAAAGGAAAAGGGACAGA CCACAGCCGAGACACACAAAGGCCGGAAAAAAAAAAAAAAGGGGAACAGA GGGGAGGGAACAGGGAGAACGAAGAAGGCCAAGGGAGGAAAGGGAACAG G G G AACCAAAAATCAAGGGAGAAAAGGGGCCGGGGAAAGAAGGCCAGGGC AGGAGAAAAAACAAAAAGGAAGGCCCAAGGAACGAAGAAGGAAAAGGGGG GGGGGCCGGACAAACAGGGCCCCACAAAAGGGAAGAGAACCAAAGGAAAG GAGAAGGGGGGGGCCGGTTGGAGAAGGGGGGGGACAGAGAGAAGGGAGA AAGGGGCCAAAACCAGCAGGGGGGAAAGAAGGGGGGAGTTAGGGAAAAAG

G G G A G G G G G G G G G G A A A A CAAGAAGGCCGGAGGAAAAAAGTTGGAAAGC C G GCCGGAAGGGGGGAAAACCAAAAAAAAAAAAAA GGGGGAAGGGGGGGGA A G G G G G GAAAGGGGGAAGGGGGGAGAGGGGGAAAAAAAAAGACGAAGGA AGGAAAGAAGGGGGGGGAAGGGAAAAGGGGAAGGCAAAGGAAGAAAGAA CAGGAGAGGAGAAAAGGCAGAAAAACCAAGGAAAGGGGACCGGGGCCGGG GAGGAGAGGGAAAGGGAAAGGAGGGGGAAAAATGAAGGAAAAATTAGGGA G G G G G G G G A A A A A G GAAGGTTCCGGAAAAGGAACCGGCAACGGGGGGCA GAAGGGGACCAACAGGGAAGAAGGAAAGAAAAGGACGGAAGGAAAAAAGG AAAAAACGCAGGAAAAAAAAAGAAAGAAGGGGAAAAAAAAGGAACGAAAG ACGAGGGGGGGGCCAGGAGAGAAAGATTAGGGAGAGGAGGACGGGGGCG GGAAGGGAAAAGGGGGGAGGGACAAGGAGAACCGGGGGGAAACGGGGAG GGAAAGGGGGCAGAGGGGGGAATTCGAAACGAAAACGAGGGAGGAGAGG AAACCACAGAAGGGAGAACAAAGGAGGAGAAGGCCGGAAGGAGGAGGGGC CAAGGACAGCCCCGGGGAGGAAGGGAAGACCGAAGAAGGGGGGGAAGCC GGAAAACCAAGGAACAAAACAAGCTACCAAAAGAGAAGACAAGGAAGGGG AAAGGGCCAACCAGAAAAAAACCCCCGAGGGAAAACGGGGGAGGAGGGAC G GCCACAAAAAAAGAAGGCCAAAAAAGGAAGGGGGGGGGGACAACCAAAA ATAAAGAGAAAAAAGAACAAGGGAGAAAGGCCAAAAGGCCCCAAGGAAGG A G G GAACAAACCGGAAGGGGAGGGAGGAGGGGAACCAAGGGGAGGGAGA AGGAAGAGAAAAAGAAAAGGGGAGAGGACGAAGAAGAGAAACAGGTAAAA GAACCGGAAGGAAGGAACCAAGAAGGGGGAAAAAAAACAAAGAGGAATTC AA G GAGAGACAGAAGGAGGGGAAAATAGGGGGAAAGGGGAAAAAGAGGAA ACAAACCAAGCAAACCCAAGGAGAAGAAGAGCATTGAGGGACAGAAGAGC CCAAGAGAGGGCAACAAGAAAAAAACCAAAAAAAGAGAAGAGGAAAACGA AGGGGAAAAAAGGCCAAGGAAACAAAACCCCAAGGAAAAGGGGGAAAGAG GGGAAAGAAGAGAAAAGCAGCAAAAAAACGAGGGGAGGGGAACAGGGAGA AGGGGAAAAAGGAGAAGAAAAACGACCAAGGGGGGAGAGCCGGAGAGGGC CAGAGGAGAGAGGAAAAGGAACCGGAAAAACGGCCAAAAGGGGAAGGACG GGGGAGGAAAACCAGGAAGGGCCGGAGGGAGAGAAGAGGGAGGGGCCCC AAGGAAGAAAGGGGGGTACCGAGAAATTGGAAGAGACCAAAAAAGAAGGA GAGAGGAAGGGGAAAGGAAACCGGGGGGGGGGGGGGAAAAGAGAGGGGG GAAGGAGGGAAGGGGGGGAGGAGGAGACCAAAAAGGAGAAAGAAAGGCC G GA G G GCCGGAGGAGGGGAAGGGGAGGGGAAAAAGGAAACAGGGAGAAG A G G G A G A C CAA $\operatorname{A}$ GGGGAAAGGGAGGAGAAGGAAGGGGGGAAGGAAAAAA GGACACAAGAAAAGGAGGCACCGGAGACGGAAAAGAGAGAAAAAACGAAC AAGGCAAAGGAAAAAAAAGGGGGGCCGGCCGACAAGGAAAAAAAGGAAGA AA GAACAGGGATAGAGAAGGGCAGGGAAGGCCAAAAAAAAAGGGGGGAGG CCGAGAGGAGAGCACCGGACGGGGAAAGAAAGAAAAGGAAAGAAAAAGCC G G G G G GCCAAGGAAAACCAAGGAAGGAAGGAGAAAGGAAAGAAAGAAGAG ACAAGAAGAACCAGAGGAAAGGAGAGGGAAGACCAGGGGACGGACCCCAA GAAAGAAGGGCCGGGAAGCAGGAGACAAGCGGGGAGGAAAAAAGGGAGAA A G G GAAGGAAAAGGGGAGGGAACCAGAACAGGAAACAAAAAAAAAAGGCC AGATAAACAAAAGAAAACAACCGGAAGGAACCGGAGCGAGAAGAGGAGAC AGAGGAGAAGGAAAAGGGCCGGGAAGAAAGAACCGGGGGGGGGAGGACA GAAGGAAAAGGGGAAAACCAAGGGGAAGGGGGAAAGAGGAAAGGACAGG GAGGGGGAGAAGAGAAGGGGAAAAGGGGAAAAAAGGGGGAGAGGAAGGG GAAAAGGAAAAAAGGAAGGAAGGCCCCAAAAGGGGCCAAGAAAGAGGCCG AAAGGAAAAAAGGCCGAGGACGGAAAAGAAGACGAAGAACCAGGGGGCCG GAAAGGGGGGGAAACACGAGGGGAGGGAAAGAGGGAAGGAAGGCCAAAA AAAAAAGAGGAGGGAACAGAACGACCGAAAGGAGAATAGAAGGAAGAAGA CCGGAGGGGACCAAGGAGCAGGGAGAGAAACACAGGAGAGCCCCCCGGAA AAGGAAGGAGAACAAGAGGGAGAAGGGGAAAAGAGGAAAAAACAGAGGAA G G G G G GAAAAACAACCGGAAGAGACCGGAAAAAAGGAGGGACGGAAGGAA AAAAGGGAGGGGGGGGAACCAGAAAGGGAGACGAACGGGACCAAGAGGG GAAGGGGGGGAAACCCCAACAGAGGACGGAGAGAAAGAACAAAAGGACGA A GAGGGGAACCGGGGGGGGAAGGAAGGCCGACCACGGAGGGGGAGGGGA A G G GAGGGGAAGCCAGGGAGAGAACCAAGGGGAAAACCAAAAAAAAAAAA GAAAGAAAAAAACAAACCGGCAAAGGGGAAGGAGGGAAGAAGCCAAACGG GAAGGAGAAACAAAAACAGAGAAAGGAAACAAAGAAGGGGGAGGAAAGAG ACGAAGGGGGGGGGAAGGGGGGGGCAGGGAGAGACCCCGGCCAGGGGGC CAAGGCCGGATGGAAGAGGAAGAGGAAAGAACCAACGGGCAGGGGAAGGG

GGGGGGGGGGAAAAGCCAAAACCGGACAAGGACGAAGAAGGAAAAGGAAA AAGAAAAAGAGAGAGCAGGAACCCCGGAACCAAGGGGGGGGCCGGAAGGA AGGAAAAAGACAGAAGGCCGAAGAAAGAGACAGGGAAGAGAGAAAAAAAA AAAAACCACAGGGAGAGCCCCAGGAGATAAGGAGAGAGGGGAAGGGGAAG GAAAAGAGGGAGGAAGGGGCCCAAAAAGAAGGGCCAACCAGCAGGAAGGA
 CAATTAAAACCCCAAAGGGGAGGACGGAAAAAAAAGGGACCGGAAAACCG GGGCAAACCAAACAAGGAAGAGGGGCCGGGAGGCCCCCCCCAAGAAAGGG GAACCGGGAAAGGGAAAAAGGAAGGAACCAGGGGGAAAAGAAAGAAGAGG ACAAAAACCCCAAGGGAAGACAGAAGAACAAAATTGAAACCGGAGGAAAA AGAGGAAGGCCGGGGAAAAAAAAAGGGGGCAGGGGGACCGGTACCAAGAA GAAAAGGAGGGAGAGAGGGGGAAGAGGCCGGAGACCCAAGAAGCAAAAAA GAGCATTGGAAAAAAAAGAGGAGAAGGAAAGAGAAAAAAGGAAGGGGAAA C G G G GAA G GAAGGAAAAAGGAAGGGGGAAGCGAAGGGGAGGGGCCGGGA AAGACCGGAAGGAGAAGAGGTTGGAGAGGGCAAAAAGGAAAAAAGGGGAG ACAAGGGGGGCCCCAAGGAAGAGAAAAATTCCGAAAACAGGAGGAGGGAA A GCCAAAGGGAACCGGAACCCCCCAGAAGAGAACAGAAGAAAGGAAGGGG A GAGAAAGGGCAGGACAACCGGAAGGAAAGAAAAGAAGAAGAGAACGGAC G G G A G G G A AAAGGGCCGGGGAAAACAGGAAAAGGAAAAGGCCAAAAGGAA AGAGGGAGGGAAGAGAAGGAAGAACCGGGAGGAAAAGGAAAATAAAGGGG G GACGGAAAAAGCCAGCCAGAGAGAAGGGGGGGGAACCAGGGAGGGAGA GAGGAGAGAGATTAACCGGAAGGAAGGAAGGCCGGAAGGGGAGGAAAGA G GAAAAGGCCAAAAGAAGGGGGGGAGAAAGAAGGAAAACAAAGGGGAGAC AGAAGGGGCAGGGGAAAGACAGCAGGGAAGGAACGAGGAAAAAAAAAGAC AGGAAGACAGAGAGAAAAGAGGAAAAGAAGGGGGAGAACCGGCAAAGGAA AA $\operatorname{l}$ GGGAAGGGGAAACGAGGAAAAGGGGAAGGAAGAGGAGGGAGAGGAG AAGGGAAAACCGGAAGGAAGGAGAAGAGAGAAAGGAGGGAAGGAAGAGAG GGGAAGGGGGGACCAGGAAGGAAACCCAAGGACGGGGGAGGGAGGAAAA AAGGTTAGAAGGAAGGGGCCGGAGGGCCAGGAAAGGCAAAAGAGGGAGG GAAAAAACCCCAGGGGGGGCAAACCAAAAGGAAGGGAGGAGGGAAAGGGG GAAGGCCAGAAGGGGCCCCGGGAGGCCGGCCGGAAAGGAAGGAAAGGAAA A GAGGGGGGGGCCGAGGGAAGAAGGGGGGGGAGGGACGAAAAAGGGGAG CCAGGACCAGAGAAAGGGGGACGGGGGGAAAGACGGGGGGAGAAAAAAG AA G G G G GCACAGAAGGGGGATAGGAAAAGGAAGAGCCAAAAAAGAAAGGG GAGGGGACAAAAGGGGGAGAGAAGGCAGGGAGGCAAGGGACAACCAAAGA GGAAGCCAAGAGAGGTAAGAAAACCACAACCGACCAACCAAGGGGAATAA ACCGGAGAGTAAAAAAAGAGGGGAAGGAAGGGAAACCGGGGAACCGAGGA ACAAGGAGAGACCGAAGACGAAGAAGGCCAACCCAGGAAGGAAGGGGGAA AGGGAAAGGAAGGGGGGCAGAAGGGAAGGGAAAGGGGCCAAAGAAAAGA GAGAGAAAAAAGGACCGGAAGAAGCCAGAAACGGGGGGGAAGAAGGAGGA AGAAGGAAGGGGAAAAAAGAAAGACCGGAAAAGGGGAAGGCCAAGGAAAA GGGAGAAGAAAAGAGGGGAGAAGGAAAAAAGGAAAAGGAACGAGGAGAGG AAAAAAAAAGGGAAAAGGAAGGGGGGAGAGGAGGGAAAGGCCGAGAGGAA GACCAAAAGGAAAAAGAAAGAGAGGGGGCACAAAGGAGCAGAAAGGGACC AAAGAAAGAGGGGGGGGGGGAAAAAGGAGAGACACCGGAACCAAAACCAA AAAAGAGGAGAGGGCCAAGGAAAGGGAGGGAAAGAGGAGGAAGGAGAAA GGGACCCAGAGGAAAAAGGAAAGGGGGCCAAGGGGAAAAGGGGGGAACC G G A G G G G GAGAAGGCCGGAAGAGAAAAAAAGGAGGAGCAGGGCAGGGAG ACAGGGGAAAGAGAGAAAGGAAACCAAAAAAGGGGGGGGTAGAGGGGAAA A G G G G G A A A A A G GAAGGGGAGGAAGGAAGGAAGGAGAACGACCGGGGGA AGACAGGAGAAGGAAAGGGGAAAAGAAGGGAAAACCAAGGGGAAAAGGGG AAAAGGGGAACCAAGGGGGGAGGGGAAGGGAAGGAGGGAAAAGGCCAAG AGGGGAGACAGGGAGAGGAGGAAAAAAACACAAAAGGAGAGAGAGGAGGC
 G G G GAAAAAGAGGAAGAAAGAGGGGGGGAAAACCCCGAGGGGGGAAACG AACAGGGGGGACCCCAAAAAAGGGAAAGGCCGAAAAGGGAAAAGGGGAGC CGAGGAGAGAACCGGCAGAACGAGGACAAAAAAAGGGTTGGGGGAGGCCG GAGCCACGGAAAAGGACAAAAGAGACCAGGGGGGGCCAAGAAGGAAGGAG GAAGAGAAAACGAGAAAAGGAGGGGAAGAAGACGAAAGGGAGGGGGGAG AAACGGAAACAAGGGGGGAGGAAGCCAAGGAAGGGGAAGGGGGGCCAAG G G G G G A G GAGGGGGACCCCAGGGAACCGGGGGGGGAAGAACGAACAGGA

AAAAGAAACACCGGACACGGGGAAGGGGGGCCGGCCAAAAGGGGCCAACC AAGAGGGAAACCGGGGACGAGAAACCGGAAGAACAGCAACAGAGGAAAGG G G AA G G G G CAA GAAGGGAAAAAGGAAGGGAAGGAGGAGGAGGAGGAATG GGGGGAAGAAAGGGAGGCAAAGGGGGGAAAAGGACAAGGCCGAGGAACC AACCAGGGAGGAAAGACAAAGGGAAAGGAGAAGGAAGAAGGGGAGGAACA GAAAAAGGAACAGAAGAGCCAGGGAAAGGGTTAGACAGAACCGAGGGGAG AGAGGAAAGGGGGGAAAGAGGAGGGAAAAGAAAAGGGGACGAAGAGGGG GAAGGCACCAAAAAAGCCAAGGGCCAGCCGAGGGCAAAGACGGCCAAAAC CGAGGCACAGGAGAAGGAGAAGAGGAGCCTTGGAAGGAAGACCAAAAAGG GACAAGGCAGGACAAAAGGAACCGGGGAAAAAAAAGGAAAAGAGAAGGAG GGGGGCAAGAGAAAAAGAAAAAAGGAAGGGGAACCGAGGGAAAAAAAGGG GAAGGAACCCCCCGGAAAACCGGAAGGAAGGGGGGGGGGAAAAAACCGGA AGGAAAAGGAAAAAACCGGAAGGAAGGCCAAGGGGGGGGGGAAGGGGAA GGGGCCGGAAGGGGAAAAAAGGGGGGAAGGGGAAGGGGAAAAAAGGAAG GGGGGAAGGGGGGGGCCAAGGCCAAGGAAGGGGAACCGGAAAAGGAGAG GAGGAAAACCGGAAGAGAAGAAGGGGAAGGCCAGAAAGAGGGGAGGGAG AA $\operatorname{GAA} \mathrm{A}$ GGGAAGGAAGGAGGACCAAAAAGAAGGGAAAGGGGGGGGAGGG GGGGAAGGCAAGAAAAGAGAGGAGGAAGAACAAGAGGAGAAAGGAAGGG G G G G G G G G CAA $\ln A \operatorname{GAGGGAAGAGGACAGAAAGGGGCGGGAAAAAAGGAA}$ AA $\operatorname{G} \operatorname{GGGGG} \operatorname{GAGCCAGAGAAGGAACCGGAGAACCAAGGGACAGAGAGGGGG}$ GAAGGAGGGAGGAGAGAGACAAAGGGGGGGGCCGGAAAAGAGGGAGAGG GAGAGGGGGGACAAAAAGGGAAAAAAGAGGGAGGGGAAAAACAAGAGGG GGAAAAACAGGGGGGGGAACCCCAGCCGGAAAAGAGAAGCCAGACGGGGG GGGCCAACCGGAGGAGGGGAAGGAAAAAGGGGGAAGGGAGAAAAAGGGG A G G GAGAGAAGGAGAGGGAGAAAGAAAGAGAAGAGGGGGACAGGAACCG GAAGGAGGAGGAAGGAGAAGAGGGGGGGGGGAAAGCCAAGGCAGAGGAA GGACGGGAAGGAAGGAAGGGGGGGCAGAAAAGAGGGGAAGAGAAAAAAC CAAAAAAAAGAAGGGGGAAGGGGAGGGAAAAACACCCAAAAAAGAAAGGC CAACCAAGGAAAAAAGGAAGGCCGAAGAGCCGGGGGGGGGGAAGAAGAGG AAGCCGCGAGAAAAGAAAACAAAGGAAGGAGGAGAGAGAAAGAGGAAAGC AGGGGACGGAGAAACGGAAAAAAGGTAGGAAGGAAAAGGAGACAGGAGGA CAGCCAGAAAAGGAAGAAAAAGGCCAAAGGGAAGGCCGGAAAAGGCCAAG A G G G G G G G G A A A G G G G G A A A G G G ACGGGAGGGGAGAGAGGGGAGGGCAA
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 A G G G G GAGGAAGAAGGGGGGGAACGCCGGGGGGGGAAAAAAGGGGCCAA AAGGAGAAGAGAGGGGAAATCCAAAAAGAGAAGGCCGGGGGGGGAAGGA GAGAAAGAAGGGAGGAAGGGGGAAGACAAGGGAGAAAAAAAAAGGACGGA AGGGGAAAAGAAACCGGGGAAAAGGGGAAAAAAGAAGGGAAGGGGAACAC C GAGGGAAGAAAGGGGGAGAGAGAAAGAGGAAAAGGGGGAGAAAAGGGA AGAAGGAAGGAAGGCAGGAAAAGGTAAGCCGGCCAAGGGGGAAAAGAAAG AGGAAGGAAGGACCGGGAGCAGAAGGAAAGAAAAAGAAAAGAAGCCGAGA GGAAAGGAGAAGAAGAAACCTTGGAGGAAAGACCAGAAGGAAAAGAACAC AGAGGGAAAGGAGCAGACAAAAGGGAAAAGAGAGGGGGAAAAAACCGGGG G GAAGGAGAAAAAGGAGGCCAGGAAGGGGGAAGAAAAACCGCGCACAACA GACCAAAACCAAAAGGGGCCAGAGACAAGGAAGGAGAGAGGGGAATAGGG GAGGGAAGAGGGGGGGAAACAAAAAAGACCAGGGGGCCAAGGGAGGCCAA G G G GAAA G G G AAAGAAACGAAAGAACAGAGTTGACCAAGGGGAAGGGAGG AGGACCGGAAGGAAGGGGCCAAAAAATTCAGGAGAGGAAAAGAAAAAAGA AGGAGCGAGAGAGAAGAAGGAGGAGAAAGGCCGAGGCCAAGAACAAAACC A GAA $A$ GGGGAGGGGAAGGGGGAAAGGGAGGAAAACCAGAGGAGGAATAC A GAAA $A$ GGGGGGGGGGGAAGGGAGGAGAGAAGGGGGGCCGAACGGGGCA G G G GAAAA $A$ AA $\operatorname{AAGGGGGGGGGAAAGACGGGGGGAGAAGAGGGAGGGGC}$ AACAGAGGGGGAGGGGGAAAGCCGGAGAGAGAAAAAAAGGGGGGGGACC AGAAGGAAAAGGCAAAGGAACCAAAAAAGAGAAACAGACAGAGAGAAAGG AGCAGACAAAGGAAAACCGAGGAACCGGGGACGGGGGGGCAACGGGACGA G G G GAA G GAGGGAAAAGGGGGGAAAAACCCGGCAAAAAAGGGAGAGGGA A G A G G G GAAGGGGAAAAGGCCAGGGAAAGGGAGAAAGGAAGAGGGGGGG GAAAGAAAAGCAAGGGCCGGGGGAACAAAAAAAGAAGGAAGGAAGGACGG ACAAAGGAGGCCAACCAAAAAAAACCGGCCCCGGAAGAGGGGGGCAGAGG AGGGGGGGGGAAAAGGAAACCCAGGGGAAAGAAGCAGGAGCAAAGGCCAA G G G G G A G A A A G G G G AAAACAAGAGGAAAGAAAGGATAGAAGGGAGGGGG GAGGGAGAGGAAGAAGGAAGGGGGGAGAGGAAGAAGAGAGAGGGGGGAA GGAAGGCCAAACGGCCAGCCAAGGAAGGGCCCGGCAGAAAGGGGGGAAGG AA $A$ AAAAAGGGCGAGGGAAACCGGGGGGAGGAAGAGGCGGAGCCGGACG A G G A G G G G G G G GAAGAGGGAAAAAAAACCGGGGAGGAGAAAGACCAGGA

AGGGAGAAGGGGAGGAGAAAAAAAGGGAAAAAGGAAAAAGAAGGGAGAAA GGGGAAGAAAAAGGGGAAAAGGGAGGGAGGAAAGAAGGGGAAGGAAAGA AGGAAGGCCGGGAAAGGGGAAGAGGAGGAAGCAAAAAAAAACCGAAAAGG G GAAGAGGGGGGGAAAGAAGACCAACCAACCGGACGGGAAGGAAAGGGAG G GAAAAAGGAAACAACCCCAGAGAAAACCGGGGAAGGCAGGGGAAGGAGA GAAGAGAGGAAGGCCGGGCCAAATAGGAACGGGAACCGGCAAGGGAAAAA GAACCGGAAACGGACAAGGAGAGGGAAGGGGCCACCCAAGGGGAGGAGG GAGGCCAAGGGGAAGGGAAAAAGGAAGGCAGGGGGGCAGGGGAGGGAAG AAAGGAAGGGGGGGGCCAGAGCCAGGGAAAAAGCAGGGGGGAAGAGGGG AGAACCGGAAAAAAAAAGGAAAAAAAAGAGAAAAAGGGCCGAGGGAGAGG AGGAAGAGAGGAGGAAGAAAAAAAAAGGGAGGCCCCAGAGAGGGGAAACC AGAAAGAAGGGGAGAAACGAACGGAGAAGGGGAGACGGAAGAACCAAAGG G GAGGAGAGGGAGAAGGGGGGGGGGGGAGGGGGGGGGAGGAGAGGAGG AAGAGAAAAAAGAGGAGGGGGAGAGGAAGAACAGAAGACCGGAGGAGGAA AA G GAGGGGGGGAGCAGGGAAGAACCGGAGGAAGGGACAAAAAGCCCACC AGAAGAGGAAGGCCGAAGGGGGAAAAGGGGAGAGGAAGGAGGACGGAGG AGAGGGCAGAAAGAGGAGGAAGAGAGGAAACAGCCGGAAAAAAAAAGGGG GCCGGAAAGAGTTGGACGGAGGGGGAAGAGGAAACCAGAAAAGAGGGGG AAAAGGAGGAGGCCGGCAACGGGACAGAGGACAGACAAAAAACAAAGGAG AAGGAGAAAAGGGAAGGAGGAACAGGGAGGAAAGAAGGGAAAGGGGGGA AGAGGCCAAGAGAAAGAGGAAAAGGCCAAAGGGAAAAAAAAGGAAAAGGA AAAAAGGAAGGAAGGGGCCGGGGAAGGCCAAAAAAAAAAAAAACCAAGGA AAAGGAAAAAAGGGGGGGGAAAAGGGGGGAAGGGGCCCCGGGGAAAAAA AAAAAAAAGGAAAAGGGGAAGGAAAAAAAAAACCGGAAGGGGAAGGGGAA AAAAGGAAGGCCAAGGGGGGGGAAGGAAGGGGAACCCCCCCCAAAACCAA AA G GAAAAAAGGGGGGTTGGCCAACCGGCCAAAAAAGGGGAAGGGGGGG GAAGGAAAAAAAAAAGGGGGGGGGGAAAACCGGAAGGGGGAGGGAAAGG AGAGGGGGTTAAACGACAAAAGCCGAGGAAAGAGGGAAGGAGGGCCGGCC AAAGACAGAGGGGGGGGGGGAAAAAAGGCAAACATAGGGAGAGGGGGAG GAAAAGGAAAAGGAAGGCCGGCCGGAAAAGGGGGGAACAGGACAAGGGGA GAAGACAGAGGCCAGGGGAAGGGAACCAGGGCCGAAACCGGATAGCAGGG GGACCAAGGGGCCACAACCAGGGAGGGGGGAGGGGAAAGGGAAGGAAAA GAAATTCCGGGAGGAACAGAGGAAGGAGGGCACAGAGGAAGGAGCAAAGG AGGAAACCCCAAAAGACCAAGGGGAAGGCAAAAAGAAAACGGAGGGGAAA AAAGAGAGGGGAGGAGAGGAAAAAAACAAGGGAAGGCAGAGGGGGGGGG GGGGAGGGGAACCAAGGCAAAAAACAAGGGGAACGAGAAGAAGGAGGGGA AAAAGGGAAGGGGGGGGGGGGAAGAAAGGAAGAAGACCAAAAGGGTTGG ACAAGGAAAACCCCAAGGAAGGCCGGAAAAAAGGCCCCAGAGCACCAGCC CCGGGGAAGGGAAAGAAGGGGGGAGGGGGGAGAAAAAAAAAACCAAAAGG GGAAAGAACAAAAAAGGGAAGGGAGAGGGGGGGAGGGAAGGAAGCAGGG GAAAAAGGGAGGGAAAAAAAAAAAGGAGGCAGAGGGGGACCGGCCGGAAA ACACCCCGGGGGGAAGCGGGGGGAACAAGGGGGGGGGGGGGAAAAAACA GAGGGGAGAAAGAGGAGGAAGGAAAAAGCCGGAAGGGGAAGAGAAGAGG GAAACGGAAAGAGGAGGAAAGCCGGGAAATTGAAGGAGGAAGGAGGGAAA AGGAAGGAAAGAGACAGAAAGGGAAGGGGAAGGAAGAGGGGGGGGGAGG AAGGGGAGAGGAAAGGAAGGGAAGCCAAGGGAAAGGGGAACCAGAGCACC GGGGAAAGACAGAACCAAGAAGAAGAAAACAAGAAGGAAGAAGGGGAAGG CCAGACGGCCAAGGAGAGGGACAGGGGAAAAAAAAAAGAGGGAGGGGGAA A G G G A A G G G G G G A A G G G G G G A G G G G G GAGAACAAAGGGGGAAAACCGGC CAA $A$ AACGGGGGGAGGAACGACAGGGGCCGGAAACGAGAAGCCGGGGAG G G G GAGGAAGAACCGGGGCCGGGGTAAAAGACGGGGGAGGAAGGCCAAG A G G CCGGAGAAACCAGAAGAAGAAGAAGGCAAAGGAAGGGAAAAAAAGAA A G G GAGGAAAGCACAGAAAGGCCGAGGGGGAGGGGCCGAACAAGGAACAG AAAAAGAGAGAGGGACCGGGGAAAAGGGGAGGGAGAGGCGGGGGAGGGG AACCCAGGGGCCGAGAAGAATTGGGGGGGGGGAAGAAAGGAAGGAGAAG GAAAAAAAAGAAGGGGGAAGAGGGGAACCGGGGCCAAGGGAAGAAAATAC ACCGAGGAGGGAGAAGGGAGGGGCAAGACGAAGAGGAAGGAAAAAAAAAA AAAGGGAAAAAGGAACCGGGGGGGGAAGGAAGACCAAAAGGAGCCAGGGG A G G GAAAGGAGGGGGACGAGACCGGGGAGGGGGAAGACGGGGGAAGGGG AAGGCCAACCGAAAAGGGAAAGAGACAACAGAAAGGGAGAGGAAAGGGAG ACATCAGAGAAAAAGGAGGGGGAAAAAAGGAGGAAGGGGGCCGGGGGGG

G G G G G G A G G G A A A ACAAGGGGGGGGGGGGAAAAAAAAAAGGGGAAAAAA AAAAAAAAGGCCCCAAAAAAAAAAAAAAAAGGGGAAAAGGCCAAGGGGAA AAAAGGGGGGGGGGAAGGAAGGAAAAAAAAAAAAGGAAAACCAAGGGGAA AA $\operatorname{A}$ GAAGGGGGGAAGGCCAAGGAAGGGGCCAAAAGGGGCCAAGGGGCCG G G G G GCAAGAGGAGGAACAGGGAAGAGGAGGGAGGGAGAACGAAGAGAG GAAGGAAAAAGAGAGGGGAACCAAGGGGGGAAAGAGGAGAGAAGGAAGAA AAAAGAAAAAAAAGACAACAAGGGGGGGGACAGGGGGGGGGAAGGGAACC G GAAAAAAGGGGGGCCGGAGAAGAAGGGGGAAGGAAAAAAGGAAGAAAG GAAAAGGAGGGCCGGAAAAAGGGAAAAAAGGGGGGGGAAGGAGGGAAAA GGGAGGAAGGGGAAGAAGGAGGAGAAAAAGAAAAAGGGACGAGGGAGGG AA $\operatorname{GAGGAAAAAGGGGGAGGGGGAAAAAAAGAGAACAGGAGGACGGGGGG}$ GAGAAGAAAAGACAAAGGCAGGCAGGCAAAAAAAAAAAGAGGGGGAGAAA AGGGCCGGAGAAGAGGAAGGGGAAGGGGAAGGGGGAAGAAAAGGAAAAA AGGGAGAGAGGAACAAGGGACGGAAGGAAAAAAGGGGAGGAGGAAGGAA AGAAAGCAGGAGGGAGAAAAAAAAAGAAAGGACAAGGAAGGGGAGGGAAA GGAAAAAAGGACCACCAGACAAAAGGAGCCAAGAAGGAAAGAACGGAAAG CAAGAAAGAACACCAAGGAAAAGGAAGGGAGGAAGGAAAGAAGGAAGGAA AAAAAGGGGGAAAGGGAGGAAGGGAAAGCCAAAAGGAAGGAAAGCAAGGA AGGGCAACAAAGGAGGAGGGGGCAGAGGGAGAAAAAGACCAAGGAGAGCC A GAACCGGGGAAGGCCGAAGAAAAAAGGGGGGGAGGAAAAAGAAGGCAAA AAGGAAGGCGAGGGAAAGAGAAAAGGAAGAAAAAATAAGGGAGGAAGAAG AGAAAAGAAACCAAAACCAAGGGAGGGACCAGGGCCGAGGAAGGAAAGGG AGGGCAAAGGGGGGAGCCAACCAAGGCCGGACGAGGACGGAAAAAGAAGG G G G G G G ATGGAGCCAGGGGACCGGCAACAGGAACAGGGGGAAGGAGAAG GGGAAGGAGACGAAAGGAAGAAGCAAGAGACAGAGGAAGGACCAAAGAGA AA G G AACGGAAAACCCAGAGGAAAAGGGGGGGAAGACAGAAAGAAAAGGA GAAGGAGAGAAGAAAGGAAGAGGGGGGAGGAGGCCGGGGAAGGGAAGCC GGAAAACCAGGGAAAAGGAAGGGGAAGGGGAACCGGAAAAGGAAAGGGG G G G A A GAGGAAGGAGACGGGAAAAAAAGGGGGGGGAACCAAGGGGCCAA AGACAGAGGAGGCCGAGGCCCCGGGGAAGGGGAGAGAGAAGGAACCGGC CGAGAGGGGAAAGGGAGAAAAGGAACCAAAACCGGGGAAAGGGGGGGGG G GAAGGAGGGCCAAAAAAAAGGGGAAACAGGAGGAGGGGGACGAAGAAAA G GAAAAAAGAGGGGAGCCGAAAGACAAGAAAGAGGGAGAAGGAAGGAGAG G G G A GAGAGAAAGAGGAGCACCAGGAAGAGAGAACCAGAAAAGGCCAAGG AGGAGAGGCAACGAAGAAACGGAAAGGAACAGAAAGGGGGAAACAAAGAG G GAGGAAGAGGGAAAAAAAGGAAGAAAAGGAAGGCACAGGGGGGAGGGG
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 GGAGAGAGCAGAAAGGAGGGAAAAAAAGCCAGGAGGAAAGCCGGAGAGGG AA $\operatorname{GAAA} \operatorname{A} \operatorname{GAA} \mathrm{A}$ GAGAGGGGGGAACAACCGGAACAGGCCGGGGCCTTAGGG AA G G G G G G GAAGAAACAAGAGGCGAGAGGAGGGAGACCGAAGGAGGAAG AAGAAGAAAAAAAAAGAAAGACCGGGAGGAAAAGGACCCAGAGAAAGGGA CGGAAGGAGAAGGGGGGAAAAAGAAAGAAACGGAGGAAAAAAAAGGGAGA GGGCCGGGGGGGGCCCCGGAGGGAAAAAACCGGCGAAAAAAAAGGGGGA AAAGCCGAACGGAAAGGGGGAAAGAGGGGGCCAGACGGGGGGAGGGGAG

G G G G GAAGAGAGGGGAAGGCCGGCCAAAAGGCAGAGGAAACCAAGAAGGA A G G AAA $\operatorname{A}$ GAGGGGGGGACCAGAACCGGGAAGAGCCAAAAACGGAAAACCA GAAGGAAAAAGGGGGACAAGGAAACAGAACAGGCCGGCCCCCCAGCAGGG GGGAAGAGAAAAAAAAAAAAAAAAAGGGGCCAAGGCCAAGGAAAAAAGGA AGGAAAAGGAACCAAAAAAAAGGAAAAGGAAGGAAGGGGGGAAAAAAAAA AAAGGAAGGAAAAGGAAGGGGGGAAGGGGAAAAGGGGAAAAAAAACCTTG GAAAAGGGGAAGGGGGGCCAAAAGGAACCCCGGAAGGAAAAGGAACCCCG G G G G GAAAAAAGGGGAAAAGGAAAGGGGGGGCCCCCAGAAAGGGGCAGA GACCAGGAACAAAGGAGGGGAAGGAAAAAAGGGGGGAGGGAAAAAGCCGG GGCAAACAAAGAAAACGAGGAAACAAAAAGCAGGAAAGCCGGAGAGGGGG GACCGAGGAAAAGAAAGGGGAGAAAAGGCCAGAAACGAAGGAGAAAGGGG GGGAAGGGTTAAAGGGGGAAAAAGACGGCCAGAGGGAGGGAAAGAAGGC CAAGGAAAAGGTTGGAAGGGGGAGACAGAGGGGGAGAAAGGAGAAGGGA AAGGGGCCAGAACCAAGAAAAAGGAAAAGGAAAAAGAGGGGAGACAAAGG GGAGGGGGAGGAAGGGAAAAAAGGAAGAGCGGGGGGAGAAAAGGAAAAG GGGAAGAGGGGGGAGACGGGGCCGGAAAATTAAAAGGGAGGGGGGAGAA AAAAAGAAAAAAAAAAGAGGGGAACCAGGGAAAAAAAGGGGGGGGGAAGG AAAAGGCCAAAAGGGAGGAGAAGGGGAAGGGAAGGGGGGAAAAGAAGGG GAAAACCGGTTGGACCAGGGGGAGGGAAAAACCAAAAAAGGAAAAAACCA AAAGGAAGGGGGGAAAACAGGGGGGAAAAGAAAGGGGAGGAGGAAGAGG G GAGAGGGGAAGACGGAAGACCGGAGGAAAAGAGAAGGAGAAAAGGGAAA GAACACACAGAGGGAAAGGAAAACAAGGAAAAGGGAAAGGTTAAAACCAT AAGGAAAAAAAACCCCGGAGAAAGCCAGATAAAACACCGGAAAGAAAAGG ACGGGACACCCACCAACCAGAAGGAAAAGGGGAAGAAAGGGGAGGAGAAA G GAAGGAAAAGGAACCGAAGGGCAAGCCGGGAGGGAGGAAAAGGAGAAAA AGAAAGGAACACGAGGGGCCGGAGCCAAGACCGACCAGGGGAGGAGAACC GAGGGGGGACGGAGCAGGGAAACCAGAGGAGAGAGGAAGAAGAAAGGGG GGGAAAACCAGGGAGACTTGGGGCCAAGGCCGACAGGGAGAGAGGAAAGA GCAGAAAAGAAGGAACCGGAAGGGGATGGGAAGGGGGGGAACCAAAAAAG GGGAGCCCCAAGGCAGGGGAGAAGGGGAAGGGAAACAGAGGAAAGAGGG TTAAGAGAGAGCCCGAACAAAAAAACAAAGAAGGGGACGAGGGGAGGGCC AAACCAGAGACCGCAAAAACGGAACCGGCCAAAGGGAAAGGAAGGAGAGG G G G GCGGACCGGAGGACAAAAAAAGGAACCGGAAAAGAAAAAAAGGAACC CCAAAAAAGACCCGGGAGGACAGGCCCCGGGAAGAAAGAAACGAAGGGAA A GAAGGAAGGGGAAAAAGAAAAGGAGAAACCCGACGTTAAAGCCGGAGGA A G G GAGGGAGGAGGAAAGAGGGAGGGGGAGAAAACAGGGAGGGAAAAGG A G A G G G G G G G GAAGGAACCGAAAAGCAAGGGAAAAGAGGGGGGAAGGAA A G G A G G G G A A G GAAAAAGGAGGGGGGGGGGAAGGAAGGTTAGGGCCGGG GAAAAGAGGGGGAGGATAAGGAAGGAAAGGGAGACAAGGGGGAAAAAGG GAGAGAAAGAAAAAAGAAAAAGAGAAGGAAAAAGAGAAGAGAAGAGACGA AGAAGGAAAGGAAAAAGGAGCCAGAGGGCCAACGGAGGAAGGAAGGAAAA CAAAAAGAAACCAAGGGGGGGGGGAAAGAGAGGGAAAGCCGACCGGGGGA GGAGGACCGAGGAGACGGGGCAGAGGGAAAAACCGGGGAAGGGGCAAGC CGAGGCAAACCAGGAACAAGGAAGAACAAGCAGAAAAGGAAAACCCCCCA AGGAAAACAAAGGGGAGGGAAGAACGAGAAGCCGGAAAGGGGAAGACAAG
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A G G ACCGGGCGGAGGGGGGGAGAGAGGGAGAAGGGGGGGGGGAAGGCCG GTTGGAAACGAAAAAGAAGGAAAGGGAAGAAAGAAGAGGGAGACACCAAA AGGAAGGGGAGAACAAAGGAAGGGGGAGGGGGGAAAACCAACCGGAAAAA AAAGGAAAGAAGGAAGGGAGAAAAAAGGGGGGACCGGGGAAGGGGGAGA AGCCAAAAGGAAGAGAAACAGACAGAAAAGGAAGAAAGAAGGGGAGGGAG AA $\operatorname{G}$ G G G G GCAGGGGAGGGCCAACAACAAAGAAGGAAGAAGAAAAGGAACC GAAGCCAAGAAAGGACGAGGAACAGAGAGGAAGAAGGGGGGAGAGGGAAA GAAGCGGAGACCGGCCGGAGACAGACGGGGGGAAGGGGAAGAAAAGGAA GAGAACCAAAGAGAAGAAACCAAAAGGGGAGAAAAGGAACCAAAAAAGAA AAAAGAAAGAAGGCCCCGGAAGGGGGGGGAACGGGAGACAGGAAAAAAGG GAGGAGGAACCGGAAGGAGGGGGGAGGGGAAAAGGAAAAGAGGAAGAAA GGAAAGAAGAGGGGGGACGGAGGGACGGAAAGAACCAAAAGGGACCAAGG AAGGAGAGCAGGGGGAAAAACCCCAGGAAGAGAGGAAAGACCATAAGGCC AA $\operatorname{G} G \mathrm{GGA}$ GCCAAGGAAAAAAAGGGGGAAGGGGAAGAAGAGAAGGAAAAGG G GAA G GAAAAAGGGAAGGGGGGGGGGGGGAGGGGGGAATAAGAGGGGAA ACCGAAGGGAACCAAAAGAACAGAGAAGAAAAAAAAAGGAAAAGGAGGGA AACAAGAAAAGCCAGAAGAGGAGAGGGGGGGAAGGAAAAGAAAGGCCAAG GGGAAAAAAAAGGAGAGATAGGGGGAAAGAAAAAGAGAGGATTGACCAAC CCCACGAGAAGAAAGGGGGAAGACAAAGGAGGGAGAAGGCCCCGGAAAAA GAAGGGGAAGGAAAAGGAGGAGGGGGGAAGGAGCACAGGGGAAGGAAGC AGAAAAGGAAAACCAAAAAGACACGCGACCAGAGAAAGGACAAAGGGGCC GACCGAAGCAAGGAGAGGAAAGAAAGCCGGAAGGGGAACCAGGGGAGAAG AA $\ln A A \operatorname{A} G A A A A G G G G A A G A G G G G A G A G G G G A G G A G G G G A G G A C A C G A G ~$ GAAAGGGAAGGGGAAGGGGAGACAGAAAAGGAACGAAAAGGAACCAAGGG GGGGGCAAAAGGGCCAAAAAAAAGAAACAAAGGAAAAGGGAAAAAAAAAA GAGAGAAAAGGAAAAAAAAGAAAGAAGACGAGGAAGGGAAAGGGGGAGGG AGGGGAGAAGGGGGGGGAAGGGGAAAGGAAGGAAGGCAAAGAGAAAAAA AAGGAAGAGAAGGACAAGGGAGGAGAGGAGGGGGGGGGGAGAAAGGAGA CGAGGGGGGGGGGAACCAAGAAGCAGCAGGGACAGCCGAAGAAGGGGGG AAAAAAGGAGCCAACAACGGAAGGGGCAGGAAGAGACACCAAGGGGGGAA AATTGGAAGGAAGGAGGAAGAGGGAAGGGGGGACAAAAGGAGAAGGAGG GGGGAAGAGGGGGGGAGAAAGAGCCGAAGGGCCGGAAAGGGGGAAAGGA
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CCCCGGAAAAGGAAAAAATTAAGGAAAAGGAAAAGGGGGGAAAAGGGGAA AA $\operatorname{l}$ GGGAAAAAACCGGGGGGGGGGGGAAAAGGGGGGAAGGAAGGAAGGG
 AAAAAAGGGGGGGGCCAAGGAAGGAAGGAAGGAAAAGGCCGGGGGGGGC CAAGGAAAAAAGGCCAACCAAAAAATTAAGGAAGGGGAAAAAAAAAACCG G G G G G A A G GAAAAAAAAGGGGGGAAGGGGGGGGCCAAAAGGAAAAGGAA AAAAAAAAAAAAGGAAAAAAAAAAAAAAGGGGGGGGCCAAGGCCAAGGGG CCAAGGAAAAGGGGGGAAGGAAGGCCCCAAGGGGAAAAAACCAAAAGGAA AA $\operatorname{l}$ GGGGGGGAAAAGGGGGGGGGGCCGGAAGGAAGGAAGGAAGGGGAAG GGGAAGGAAAACCCCGGAAGGAAGGAAGGGGAAGGGGGGAAAAGGAAGG GGGGGGAAAAAAGGGGGGAAGGAAAAAAGAGGAAGGAAAAAGAAGGAAAA GGAAAGAGAAGAAAACGGGAAGCAGGAAAGCAAGAGAGAGAACCGGGGGG CCGGAAGGAAAAAAGGAAAAAAGGAAGGAAAAAAGGAAAAGGCCAACCGG GGGGTTGGAAGGGGCCAAAAGGGGGGGGGGGGAAGGGGGGAAGGGGGGG GAAAACCGGAAAACCAAAAAAGGAAAAAAAAGGAAGGAAGGCCGGAAAAA GGGGGGGAGAAAGGGGAAGGGCCCCAAAACCGGAAAGAAAAGGCCAAGGA GCCGGAAGGGGGGAGGGAAGAAAGGAGAGAAAGCCAGGGGGACGGGGGG AA $\operatorname{l}$ GCCGGGGGGGGAAGGAATTAAAAGGGGGGCCGGAAGGAAGGGGAGG GAAAACCCCGAGGGAGGGAGGAGAGAGGGAGCCAAGGGGCCCCGGAAAAC CGGGGGGGGAAGGGGCCGAGGAGGAGAGCCCGGAGGGGGCCAAACAGCA AA G GAGAAACGGAGGGGGGGGGGGCACACGAAGAGAGAGGGAGGGGGGG AGGACAAGAAGACACGGGAAGGAAGACCCAGGGAGCAAGAAGGGGGAGGC AA G G G G G A G G G G G A A A GCCGGAAGGAGGAACGGACAGACAAGGAAAACCG G G G G G G G GAACGGGGAGCCGGGGAAGGAACCAAGGCCGGGGGAGGGGAA AA $\operatorname{l}$ GGGCCAGAAGGCAACAGGGGGGGAGGAGGGGGGGAGGGGAAAAAAA AAAAAAAAAAAAAAAAAAACCGGAAGGGGGGGGAAACAGAAGAACGAAAA AAAACAGAAGAAAGGGGAGAGACAAAAGGGGAACCAAAAGGGGGGAAAAA A G GAA G G G G G GAAGGAAGGAATTGGGGCCGGAAGGAACCAAGGGGAGCA GAAAGGGGAAGGGGGGAAGACACAGAAGGGGGCAGGGGTTAAGGGGAGA G G GCCGAGGAGGGGGCCAGAAGGAGAGCAAGAAACCCGGAGAGGGAAACA GAAGGAAAGGGAAGGGGGGGAGGAAGGAGAGAAAGGAGAGGAAAAAAAA GGGGAAGGGAGGGAAAGAGAAAGGATGGCAAAAGGGGAAGGAACGGGGG GAAAGGGGGGAGACCAACCGGAGGGAAAAGAGGAGAGCCAAGGCCAAAAG AAAGGAAAAGGGAACGGAAGGGGCAGGAGCAAACAAAAAAGAGAAAGACG AATCCAGAGAAGGGGAAAAGAGAAAAGGGAACGGGAACCGGGGGGGGAGC AACAAGACCAAAAGGAAAGCCAGAAGGAAAAAGTAAAGGGGAAGGAAGGA AAAAAGGAAAAAAGGCCCCAACCAAGGCCAAAAGGCCAAAGGGGGGGGGA AGGAGCCGCAAAAAAGGGGGGCCAACACAGAGGAAAAAAGAAGGGCCAAG GAGAGAAGAGGAAAAAAAAAACAGACGGGAAAAAAGGAAGACCAGAAAAG G G G G GAAAGCAGACCAAAACCAAGACCAACCGAAGAAGGGGGGAAAGGGA GGGCCACAAAAGGAAAAGGGGAACCAAGGAAAAAACCCACGACGGCAAAG GGAAAAAAAGGCCGGGGAAAAAAAAAAAAAAAAGGAAAGGACGGGCAACA GAAGGGGAGAGGAGGGACCAGAGACGAGGGGGGCCACGAACCGGAAAAAA GAAAACCAAGGGAAAGAAAAAAAAGGAAAAGACACAAAAAAAGAGAGAGG AAAGAGGGGGAGGGGGGGGAAGAGAATGGGGGACAAAAAAAGGAAAACC GAAAAAAGAGGGAATTAAAAAAGGAACACCAGAGCCACAAAACCGGAAGG AAGAGGAGAAAGGGCGGGGGCAAAAAAAAAACGGAACAAAAGGGGGGGGG GAGGAGAGGGGGACAGAAAAGGAAGGAGAGAGAGGGGGGGAACGGGAAA AGGGGGGCCGGAACCAAAAACGAGGCCACGGGGAAACGAAGAGGGAAGGC C G G G G A A G G A A A A A A CAGGGGGGCCAGAGGGAAGAGGGACCAAGGAGCC G G G G G GAA G GAAAAAGAGACGAAGAGAAAAAACCGGAACAGGCCGGGAAA AGGGAAGGAACAAAACGAGAAAAGGGAAGAGAAAACCCCCAACCAAGGAA G G G GAA G G G GAAAAGGAGGGGAAACCAAACCAGGACGGGAGACCGGAAAA CAGGGAAGACGGAAAAGGAAGGAAGGCCGGAACCAGGGAAAACCGGGGAG CCAGAAGACCAAGAAAAAGAGGAGAAAGGAGGAAAAGGAAGGGGAAAGTT CCAAAAGGGGACAACCAAGAGGAAAGAAGGGGAAAAAAAGAAGAAGCCGG AAAAAGAAGAGAGGAAAAAGCCAGAGGATTAAGAAAGGCCAGGAAGAGCC AA G G G GACAAAAGGGAGGACAAAAGGCCAAAAGGAAAACCAAAAAAAAGG AAAAAAGGGGCCGGGGGGGGCCGGAAAAAAAAGGGGGGGGGGAAAAAAA AGGAAGGGGGGAAAAGAGGGGAAGGCCAAAACCAAACAAAACCGGCCGAA GAAAAGAGGGGGAGAGGGACCACAAGGAAGGAGGACAAAGGGAAAAAGGG

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GAGGAGGGGGGGGGGAAGGGGGAGGCCGAAGGGGAAGAGGGGGGAAGGG A G G GAAAA $\operatorname{A}$ G G G G G G GAAAAGGAACCAAGGGGAAGGTTGAAGACAGGGA AAAGGGGGGCCAAGGAAGAGAAAGGGGAAAAGGGGAACACCGAAAAAGAG GAACAGAGCGGAGCACCGGCCGGGGAAAGGGGGGGACAGAAGGAAGGCC CCAAAACCACAGGGGGAAGGGAGGAAGGAAGAAAAAGGAAGGCCGGACCC G G G G GCA G G G ACCCCGGGGGAAAACGGGGGAAGGGGGGCCAAGGGGAAG GAA G GAACAAAGGAGGGAAGGGAAGACCAGGGGGGGGGGCCGAGGGAGG CCGGAAGGGGCCGGCAGGACGAAGAACAACGGACAAAAAACCGGAATAAA G G CCGAAAAAAAAGAGCGGGGGAGGGGGATAAACGGAGAGGGGGGGAGG G G G A G AA $\operatorname{GAG}$ GATAAAGGGGAGGGGAAAGGGGGAAAAGGCACAAAAGAG AAGACCAAAGAAAAAAAAAGCCGGAAAAAAAAAAGGAAAGAAAAAAAAGG GGAAGGGGCCAAGGGGAAAACCAAAAAGACAGAAGGGGGAGAGAGGAGAG GGAAGGTAGAAGGAAAAGAGAGAAAAGATTGAAAAAGGGGGATTAACCGG CAGGAGAGAACCGGGGGGATACGGAAAAAAAAAAAAGGAAAAGGGAAAGA GGAGCAGATAGAGGAAGGAGAAAGGGGGCCAGAGGGAAGGAAGGGGGGA AGAGACCAAGGCGGGGAGGGCAGAAAGGGAAGGGGAAGGAGAAAAAAGG TTAAAGAGGGAAGGGAGGACGAAGCCCCAGAGAAAAAGAGGAGGGACCAG CAAGAAACAAGGAAACGGGGAGGGAAAGCCGGAAGGGGAAAAGGAGACGC GGGGACAAAGGGGAAGAAAGCAGGAACCACAAGGAAGGGGCCGGGGAGG G G G AA G G G GCAAAAAGGGGGAAAGGAAGGAAAACCAACCGGAGAAGGAAA AGGAAAAAAAAAACCAAAAGGGGAAGGGGGGAAGGGGGGAAGGGGAAAAG GAAAACCAAGGAAGGCCCCGGGGAAAAGGGGAAGGGGAAAACCAAGGAAG GAA G G G G G G A A G G G GAAGGGGGGAAGGGGCCAACCAAAAGGAAAAGGAA AA G G AA G G GGAAAACCAAGGAAGGCCAAGGGGAAGGAAGGGGAAGGGGC CGGAAGGCCAAGGCCGGAAGGAAGGGGAAAAAAAAAAGGAACCAAAAAAA AAACCGGGGCCGGAAGGAAGGGGAAAAAAAAGGAAGGGGAAAAAAGGGGG GGGAACCAAAAAAAAAAGGAAGGGGAATTGGAAGGGGAAAAGGAAAAGGA AGGGGAAGGAAAAAAAAAACCAAGGAAGGAAGGGAAAAACACCCCAAGGG GGGGGAACCAGAAGGAAGGGGGACCCCAGAGAGGAAAGAGGAGAGGGGA AAAAGGCGAAAGAACGCCAAGGGGAGGGAAAAAAAGGAAGGAAAGATTGG AGAAAAAAAAAAGGAAAAGGGGAAGAACAAGGCCGAGAAAGAAGACACAG ACAAGGAAGAGAGGAGCAAAGGGAAGAGAGGGGGGAAACCGGAAAGAAGG G GAAAAAGGACAAAAAGGAAAAAAGGCCAACGGGGGAGGACCCAGGGGGG AAAAAAAGAGTAAAGAGAAAATAAACAACCGGCCAAGGAGGGTACCAGGA AA GAAAGGGGGGCGAGAGAAAGGGAAACTTGAAAGAGGAAGAGAGGTAAG AACAAGGGAAGACCGAAGGAGGGGGGACGGAAGAAGAGGGCCGGGAGGG AA G G GAAAAAAGGAAAAGGAAGGGGCAAGGAGGAGAAAGAAGGGGAAGG G G GA $\operatorname{GAA} \mathrm{A}$ GGGAAAAAGAGGAGAGAAGGGAGGAAGAAAAGGGAGCCAACC GAAGAGCCGAGGAGAAGGGGAGGGAAAAAAAAAAGGGAAAAGGGGAAGAG GGCCAAGGCCGGAAAGGACAGGAGAAGAAAAAAACCGGAATAAAGGGAGA AA G GAAGGGGGGAGAAAAAGGGAGGGAGCAAAGGGGAAAGCCGGAGACA A G GCCGGAAAAGGCCACGGGGGGGAAGAGGGGGAAGGAAAGAAAGACAG AA $\operatorname{l}$ GGGGGGGGGAAGGATGGGGGGGGAGAGCAGACCCAAAGGAAAACAC C G GAGGGGGGAGAAAACAGGAAGGGGAGGAGAGGGAGGAGGAGAAGGGG AGAAGAGGAAAACCGGGGAACAGAGAGGGGCCGGGGAAAAGGAAAGCCAA GAGAGAAAGAAGAGAGACAAGACAGAAACCCAAGGAAAGAGGGGGGAGGG GGAAAAACGCGGAGCAGGAGGAGAGAGGGGGACCAAGAAACGCAAGAAGG AAAGAGAACACAGGGGAAAAAAAAAAGGAAAAGGGGGGGGGGGGGGAAAA G G G G G GAACCAAAAAAAAGGGACCAAGGGGAAAAAAAAGGCCCCAAGGGG AACCAAGGAAGGCCGGAAGGGGGGAAGGAATAGGGAGGGGGAGACAGAG GAAAGAAGGAAAAAAAAAAGAAGGAGAGGGATTCCCCAGGGCACACCACG GACGGGGGGAACCGGAAAAAAGGGGAAGGGAGGAAAACCACGGAAAAGGA A GAA $A$ AA $\ln$ GGGGGAAGGGGGGGGAGGAGGGAAGGGGGAAAAGGAAAAAA
 GAA G GAA G GAA G GCCCCAGAGGGGAGGGGCCAACCAAGGAAAGGGGAGG AA G GCCGGGGAAAAAAGAGAAAGGGGAAAAAGAGGGAAAGTTGACACAGA AA G GAAAAGGCAGAAAGGACAGGAAGGGACAGGGGAGAGGCCAAGAAGAA A GAACCGGACGAAAGGCCAACCGGGGAAGGGGCCGAAGGAGGGGGGGAC CGGGGGGGAGGAGCAAAGGAGAAGAAAGACCGGGGCAGGGGGGGGAAGG AAAGGGGGAAGGACAGGGAAGAGAGGGAAGAGAGGGGGGGGGGGGGGGG GGGGGAATTAAGGAACCGGAAGGCCGGGGACAGGAGGGAGGAGAGGAGA

GGACGGGAAAGGACGGAAGGAAGAAAACAAGGCACCGAAAAGGGAGGGAA GGGGGAGGCCGGCAAGGAAGGGAGAAAAGGAAGGAACAAAAACCGGAAGG AGGGCCAAAGAGGGGGGGAGGGAAGAAAAGGGAAGGAGAAGGAGGGAAA AGGGGAAAGAAGGGAGGGGAAGGGGAAGGGGGGGAAAAGCGGACAGAGG GGAGAAAAGGCACGAGAAATCCGAGAGGAGGAAAAGAGGGAGGAAAAGAG GGAAAAGGAGCCAAAAAAGGGGAAGGGACCAAGGAAAAAGAGAAAGAAGG AGAGGGCAAAGAAAAGGAGAGGAAGAAGAGGGCAGAAAAGACGAGAAGAA TTACAGCCGGCAAAGGAGAAAAGGAAGGAACCGAAAAGGGGGGAGGGAAA GACCAAGGGAAGCAGGGAGGAGAAGGAAGGGGGGGAGGGGAAGGGGAAG GGGAAAAAAAAGGGGGGGGAAAAAAGGCCAAGGAAGGAAAAAGAAGGGAA ACCAGAGAAGGAAAGGAGAGGAGAGAGAGAAGGAAGGAAGGGGGGGGAA GAAGGAAAGGGGCCGGACAAGGGGGGCCGGGCAAGGGGGGGAGGGGGAG GGGAAAAAAAAGGGGAAGAAGAGAGGAGGGGGGGGGGCCAGAGGAGAAG AGGGGGCCCCGGGGGGAGAAGGAAAAAAGGCAAACCGGAAAACCAGGGCC GGGGCAGGAGAGAAGGGAGGGGGAAAGGACACACGAGAGAAAAAACAAGG AGGAACAGAACCAAAGGAGAGGAAAAAGACAACAGGGGAAAAAAGGGGGA GGAGGACCAAGAGGGGAGGGGGCCGACAGAAGGAAGCCAAAAAAAAGGGG GAA $\operatorname{la}$ GCCGGGGAAGGGGGGGGAGGGAGAGGGAAGGGGGGGGCCGGGGA AGGGGGGGGGGGGAGGAAAGGAGAGGAGGAAAGGAAAAGATAAAAAGGG AGGGGAAAAAAGGGAGGGGAGGACAACCCCAAGAAGGGGGAAACAGAGGG GAAAAGGGGACCGGGGAAGGGAGAAAGAAAGGGGAACCGGCACCAGGAGA AGAAGGAAGGAACCGGCCGGGAGGAAGAGAGAGAAGCAAAGGGGGAAAAG GAGGGGAACCGAAAGGACGAAAAGGAAAGGAGAACCAAAAAAAAGGGGGG GGAAGGTTGGGGGGGGGGGGAAAAGGAAAAGGAAGGGGGGAAGGAAAAA AAAAAAACCGGAAAAGGGGAAAACCGGAAGGAAAAAAGGGGGGCCGGGGG GGGGGAAGGGGGGCCAAAAAAGGAAAACCAAGGGGGGGGGGGGAAAAAA AACCAAGGGGAAAAGGAACCGGCCGGAAGGGGAAGGGGAAGGAAGGGGA AAAAAAAAAGGAAAAGGAAGGGGGGCCGGAAGGCCAAAAGGGGGGAAGGG GGGGGAAAAAAGGAAAAAAAAAAAAGGAAGGGGAAGGGGGGGGGAGGAA AAGAAGAAGGAAGGAAAACCAACCGGAAAAAAAAGGAAAGAGCCAAAAGA AAGAAGAGACAGGGAGGAAAGAAGAAAAGGGGGGAAGGAAAAGGGGAAG GATAAGGGGGGGGAGAGGAAACCGAAAGGGGGGGAGGGGAGAAAAAAGG CCGGCCGAAAGAAGAAGGAAGGAAAATAGGGGTTGAAAGGGGGGGGGGA AAAAAAAGGAAAGAAGAGAGGGGGGAAAACAAAAGAAAAGGAAAAGGAAC AAGGGGGGACCCCAGGGAACAAAGAGAAGAACCGGGAGAAAGAGAAGGGA GGGGAGATAGGCCAGAGGAAAGGGAGGGGAAGGAAAGCCCCGAATGGAAA GAAGGAGAAAAGAAAAAGGGAACGGGAAAGGAATAGGCCAAAGAAAAAAA CACGAGAGAAGGGAGGGAAGGGGGAAGGAAAAGAAAAAAGGGGAAAGAGA ACCGGGGGGGGGGGGAAAAGGAAAAAAAGAGCCGAGAGGGAGGGGAAGG AAAAGGAGAAAAGGGGCCGGAAGGAAAAGAAAAGGAGGCAAAGGGAGGCC AA GGGGCCGGAGGGCCGGGCAAAGGGGGGGAGGAAAGGAAAGCGAGCCA AGGAGAAAGAGGGAAGGGGAAAAAGAAGGGGGGAAAAGGGGAGCAAGGG GAAAGGAAGGCCGAGAGGAAGGAAAAAAAAGGAAGGAAGAGGAGAAAAGA GAAAGGGAAAAATTCCGGGGGGAAGGGGGGAAAAAAAAAAAAAAAAGGAA CCAACCAAGGAAAAGGAAGGGGAAGGGGAAGGGGCCGGGGGGGGAAAAC CGGGGGGCCCCAAGGGGAAAAAAAAGGAAAAAAAAGACCAGGGGAGAGAA AAAGGAGAAGACCGGAGGACCAAAAAAGGAGAAAGGGCCGGAGGAAAGGG AAAAAAAGGAAAGGGAAAAAGGAAAGAAAGAGGCCAGGAAGCGAAGGGAG ACCGGGGGGAAGAGGGGGAAAAGGGGGGGAGGGGGGGGGGAAAAATTAC AGAAAACAAAAGAGAAAACAGGCCGGGGGGGGGGCCAAGGGGGGGGAAAA AGGGGGAAGGGGCCGAAGGGGGAGAAGGGGAAAAACGAAAGAAGGAAGA AACCCAAACGAGGAGGAGAGGCAGGGGGAAGAGGGAGAAGGAAAAGGAAA AAACCGGCCAAGGAAGGGGAACCGGAAAAGGAAAAAAAAAAGGGGCCAAA AAAAAAAAAAAAAGGAAAAAAAAAACCGGGGCAGAGGAGACCACACAAAG AAGAGAAAACCGACCAAAGAGACGACCAGAACAAGGGGGGGAAGGGGCCA CAAGGCCGAAGAAAGGGGGGGGGGGAAGGAGAGAGAAAGGAAAGAAAGA GAAAGGGGGGCCAGGGGGGGCCAAGGGAAGAAGGAAAGAGAGGAAAGGG GAGCCAAAGGAGGAGGGGGAAAGAGCACCAAGGAAAAGGGGAAGGGAAGA AAAAAAAAACCGGAAAAAAAAGAATGGAGAACCCCGAAGGAGAAAGAGAG GGAAAAGGGGAGAAAGGGGCCGGAAGAGGGAAACACCGAGGAAAGAGAAG GAAAAAAGGGGAGAAAAGGGGGAGAAATTAAGGAACAGAGGGAGGAGAGA

A GAGGGGGGGGGGACAAAGACGAAAAAAAGAAAAGCCGGGGAAAGGGAAG GAAGGGGAAGATTCACCCCGAAACCAAAAAGAGAAAAGAATCCCCGAGGA AGGAAACTTGGGGAGAAGGAAAAGAAAGGAACCGAAGGAAGGGAAAAAAA AAAAAGGGGAAGGAGAAGGAGAAGGCCAGGGGACCAAGGGGAAACACAAC CGAAAGAAGAAAGAAGGGGGAAAGGAAAAAAAAAACCCACAAGCAGGAAA G G G G G CCAA G G GAGGCCGGAAAGGGAGAGAGGAGAGGGAGGGACCAAAA ACAGGGGACCAGCACAACAAACGGAAACAGAAAAAAGGGAAACCAGGGAG GACCGAAAAAAAGAAGGAAGGGAAAAGGGGCCAGGACAGAGAGGAGAACC A GAAGGCCGAGGGGAGTTGGGGAAGGGGAAAGAGAGAGAAGGAAGGGGC AGGGGACGAAAAGAAGGGGGGGGGAGAAAAAGAGACACACAAAGGAGGAA G G G G GAAGGGGGAAAGAAAGAGGGGCACAAAAGACGAAGCCAAAAGAACC AGGAAGAGAAGAGGGAAGGAACAGGGGAAAAAAGGGGCCGAAAGGGAAAG GAAAAAAGGGGAGAAGAAGAGGAAAGAGGGGCAGAGAAGCAGAAGACCAG AGGGGAGACGACAAAAACAAGAACCACCAAACAGAAGGGGGTAAGGACCG GGGGAAAACGGGAGGAAGGAGGGCAGAGGGAAAGGGGGAAAAAGGGGAG GAGAAGAGGGTTGAGACCGGAAAGGGGGAAGGGGGGAAAAAAAGGGAAA CGACCGGAAGGAGGGCCAAAAGGAAGATTGAGGGAGGAGAACAAAAAAAA AGGGGAACAAGCCAAGGGGGGCAAGAAGGGGCCAAAGCCGGGAAGGGGA AA $\operatorname{G} \operatorname{GGGAAGGGGAAAAAAGGGGAAGACAATCAGAGGGGGAGGGGGAGGA}$ AAGGGAAGGAAACGGGGAAACACAAAAAAAAAAAAGAACAGAGAAAAGGA GAAAAGGAAGGAAAAAGAAAAAGAGACAGAACAAGAGCGAAAAAAGAGGG GAAAAAGGGGGAAAAGGAAAGAGGGAAAGGGAAAAGGCCAAAAAAGGGGA AAATTGGGGGGGGGGAAGGAAAAAAGGAAAAGGGGAAGGGGAACCGGAA AAAAGGCCGGGGGGAAAACCCCTTGGAAGGGGAAAATTAAGGGGAAGGGG AA G GCCGGGGGGGGCCGGAAAAGGAAAACCGGAAGGGGAACCGGGGGGC CGGGGAAAAAACCAAGGGGAAGGCCAACCGGCCGGAAAAAAAAAAGGGGA AAAAAGGGGAAAAGGAAAAAAAAGGGGCCAAGGAAAAGGGGGGGGAAGGA ACCGGAAAAGGAGGGCCGGAAAGGAGGGAGGTAAGAACAGGAAAGGAGG GGGAGAGGCCCCGGAAAGGAAACCAAAACCGGAAAGGGGGAAGAGGAGCC AAGGAAGGAACGGAAAGACCAAGAAAGAGAAACCCCGGAGAAAGAAAAAA AAAGGGAACCCAGGGGGGAGGGGGAAAAGGAAGAGGAAGGGGAAACGGG GGGAAGGGGGGAAAAAGGAAAAGCAGGAAGGAAACGAAAAAGGGGAGGG AGAAAAAAAAAAGGGGAAAAGAGAACCAGGCCGAGGGGGGAAAGAAGGCA G G GAGACAGGAACCAGAAAGAGAACCAGGGCCAAAGGAAACAGGACAGGA ACGAAAAGGGAAGGCCAAAAAAGACCGGGAGGAGAGGGGGGGGAAAAAAG AA G G G GAACCAAAAAGGAGAGGAGGGAGAAGACAGAGGAAAGGGGGAGG GAAGGGGGAAACCCCAACCGGAAGGAAGGCCGAAATAAAGGGAAAAAAAC CGGGGAAGAAACGCAGACACCAGCCAAAAGGGAAGGGAGGAAAAAAGGAG ACCCCGGCCAGGGAAAGGAAGGGAGCCAGGGGGAAACCAAAAGGGAAGAA AAAAAGGAACCCCAGAGAGAAAAGGAACCGGAAGGAAGGGGAAGGAAGGA AAA $A \operatorname{GGG} \operatorname{GGGGGGGGGGAAGGGGAAGGGGAAGGAAAAGGGGGGAAAAGG}$ AA G G G GAAGGAAGGAACCAACCGGCCGGGGAAGGAAAAAAAACCAAGGGG CCGGAGAAAGAACCGGGAAGAACCCCGAGGGAGGAACCGAAAGGAAGGCA GAAAAAAGGAAGGGGGGGGAGGGGAAAAACGGAAGGAAGGGGAGAGGAA AGACACCGGAGGAGGAAGGGGGAAAAGGGAAAGAGAGGAGAGGGGAAAA GAAGGGAGAAGGAAGAAGGAGAAGAAAAAAAAAGACAAGAAGGGGGGAGA GAGGAAAGAGAGAGAGGGAGAGAGGAAGGGAGGGAGGAAGAAGGAAGAG GGGAAAAGGGGGGGGAAAAAAAACCAGGAAGGAAGCCAGGAAACCGGGGC CGGAGGAAGGGCGAGGGGGAAAGAACCGGAAGGGGGGGGCCGGAAAAAA AAGGGGAGAAGAACAGAAGGGGAAGGGGAAAAGGGGAAAAGACCACACAG ACAAACGAGGAACAAGGAAGATGGGGAGGGGGGAAGAAAAAAGGCAAGAA A GTTAAAGAAGGAGGGAGGGGGAAGGCAAGACAAGAGGGACAGGGGGGG AAACCAAGGAGAGAAAGACAGGGGAGGGAAGCCGGGGCCAAGAAGAAAGA ACAAAAACCACACCAAAAACCACAGGAAGAAAAGAGAAGGGAAAAAGGGA CAGAGAACCAAGGGGGAAGGGGGAAAGGGACAAAACCGAGAAGAAACACA GAAGGAAAGAACCAACCAAGGGAAAAGGAAGGGAAGGAAGGCCGGCCAAG GGGGAAAAACAAGGGCCGGCCGGAAGGAGGGAAAGGGGCAACCGGGGAG AAAAGGAAAAAGACAGAAGGCAGGGGGGAAAAGAAGGGAAAACAGGGGAG ACAGAAGAGGAAGGAGGAAAGGAAGGGGAAGGCCAAAAAAGGAGAGAAGA GGACGGAAGGGAGAGGGAGGAAGAAGCAAAGAGGGGAAGGAGAGAACAG GAGAAAACCAAGGCCAGAGAAAAACACAGGAAAGGGGAAGGGAAGCAGAA

AA $\operatorname{AAA}$ AGGGAAGGCCGAGGGGGAAGGAGGAAAGAGGGAGGGAGGAGAGA GGCCGGAAAAGGAAGGGAGGGGGGAGGGGGAGCGGGAGGGAAGGGGGGA GGGGAGGGGAAGGAGGGAGAGAAGGAAGGGAGAGGAAGGAAAGAAAGAG AGGAAAAGAAAAGGAAAGACAGAGCCGGAAGGGGAAAGACAGGGGAAAAA AAGAAAAAAGAGAAAAACCCAGAGAGAGAGGGAAGGAAAACCAGGGGGGG AACCCCGAGGGGAGGGGGCCGGGGCAAGGGAGAGGAGGCCAAAAAGAGA CGAAGGAGAGAGGAAGGAAAGAGGGAGAGGAAAGGAAAAGGAACCGGGG AAAGGGCAGGCCAAAAAGGGGGGAGGAGGAGAAACAAGAACAGAGGAGAA GAACGGGGAGAAAAGAGGCAAAAAACAAGGAGAGCAGGGGAGGGAAAAAA AAAAGGGAACAGAAGGCAGGCCAGGACCAAGGCCAAGAGGAAAAAAAAGG GGGAAGAGGGAAAAGGGGGAAACCGAGAAGAGGGAAGGGGCAGGGGCAG GCCCAAGGACAGGCCGGAGCCAAAAAAGGGGAAAAGAGAGCAGGAGAGAA GAAAGGGGGGGCCAGGAGGAACAGAAGGAGGAGGAAGAGGAAAAGAGGG GACCGAAGGAGGGGCCGGGGGAGAGGGGGAGGAGAGAAGGGGAAGAAGA GGGGGAAAAGGGGGGAAGGAAAAAAAAAAAAGGAAGGAAAAGGAAAGGGG GAACGGGAGGATTGGGAAGGGAAAGACACGGGGAAGATTGACAAATTAGC AGGGGAACCGAGAAAAAAAAAGGAAGGAGCAGGCCAGGGAGGAAGGGGGA CAAAAGACCAACCAACAGGAAGGGAGAGGGGAAAAAACAAGGGGGCACAC CAAGGAACCGAAAGGCCGGGGGGCCAACCGGGGAAGGGGGAAAGAAAAAA AGGAAAAGAAGAGGAGGGAAGAGGGCCGACGTTGAACGAAGAGAAGGAGG AAGGAAGAACCGGCAAGCCGAGAAAAAAGGAAGGGAAGGACAGAAGGGGG GGGAAAAGGCGCCGGGAGGAAAAAGGACACCAAGGAGAGAGGGATAAAGA GAATTGGACAAAAAGAAAAAAGGAAACGAGGGAGAGGAGACGAAAAGGGG AGGGGGAGGAAGGAGAGGGCAGGGGCACCGAAAGGGGAACGTTAAGAGG GGAAAAGAAGGAGGAAGGGGGAACAGAGAGAAAGAGCCAGAAAAGGCAGG AGGACCAAAGAGGAAGAAAGGGAAGAGACCTTGAGAAGACAAAAGGGACC AGAAAGAAGGAAGGAACCAAAAGGAAGGAACCGGGGGGAAAGAAGGCCAA GAAAAGGAAAAACAGGGGAAGGCCAAGGGACAGAGGAGGGAAAGGAAGCC GGGGGGAAAGAGGGGGGGAAAGGAGGAAAGGAAAGGGGAAGAGGGGGGG GAAGGGGAGGAGGGGGGGAAAGGACAAGGGAAGAAGGGACCGACAGGCA GGGAAAACAAGAAGGGAGAGAGTAAAGAGGGAGGGGAGAAAGAGAACCAG GGAGAGAGAGGGAGGGGAGGGAAGAGCCAAAGGGGGCCGGGGAAAGGGA AAAGGAAAAAAAGAGGGGAAGCCCCGGAAGGAAGGCCAAGGAACCAACCG GGGAAAAGGAAAACCAACCAACCAGAGGGGAGACAGACAGGGGAACCAAA AAAGGGGAAGGGGAAGAAAAGCCGGAGCCGGGAAAGGGGACAAGGCCGG AAGGGGGGCAAGAAAAACGAAAGGGGAGGAAGAAAAAAGGGGGGGGGGG GAAGGAAACGGGAGAGGACGGGGAAAAAAGGGGGGAGGGAGAGGGGAGA AGGAGGAAGGAAAAGAGAGGGGAAAAAAAGGAGGAAAAGGCCAGAAAACC GAAGATGGAAGAGGAGAAGGTTCACCCAAAGGACAGAGAAGGGAGAAGCA A GACAAACCAAAGGGGAGAAGGGGGAGGGGCCGGGGAGAAAAGGAAGGA AGGGGAAGAAGAAGGGGAAAAAAAAAGGGAAGGCCGGCCAAGGGGGGGG AAAGGGAGAGGATTACGAAGGGAGAGGGGGGGGGAGGGAACCGAGGGGA GAGGGAAAAAAAGGGGAGGAGCAACAAGGAACCAAAGGAGGCAAACCAAA AAAGGGGGAGAAACGAGACAAAGAAGGACCACCAAGGAAAAGGAAGGACA GGGAGGGCCAAAGGGAGGGAAGAGAGGACAGGGGGGAAGCCGAAAGGGG CCAAGGGGGGAAGGAGGAAGGAGAGAAGGGAGAGAGCCGGGAAGGAGGA AGGGGAAAAAGGGAAAAAGAGGGAAGGGGAGGGCAAGAAGGGGAAGGAC GAGGAGAAGGAGAGAAGGCCAGAAGGGAGAAGGAGAAGAAAAGGAAAAGG GGAAAACAAGGAACAGGAGGAAAAGGAGGGAAAAGGAAGGAAAGAAGATT GGGGAAGGGGGGGGAGAAAGGGGGAAACAAGAGGGGACGGGGGGGAAAG GAGCCGGGGCCGGGAACCCAAAAGGGGGAGGAGAGGGAGAAGAGGAAGA GGAAAAGGAGGGAAAGAAAAAAAATTCCAGAAAAGGCCAGACAAAAAAAA GGGGGGAAGGAGGGGGGGCCGGGGAGTAGGAAAAGGAACCAAGAAGGGA AAAGAAGAAGGAAAAGGAGAGGGAAAGAGGACCAAGGAACCGACCAGGGA ACCAAAGGGAGAGCCGAGAAGGGGGGGAGGGGGCCGAGGGGAAGGGGAG ACGACAAGGGAAGGAAAAGGGGGAAAAGCCAGGGGGACAGGGAACCGAAG GATTAAAACAGGAAGGGGAAGGAGAGGGAAAGGGAAGGAGAAAGGGAAAA AAGGGGGGAAAAAAGAGGAAGAGGGCAGTTAAGGGGAAGACAAGGAAAAA GGGGAAGGAAGAAGGAAGGAAAAAGAAACCAAAAGGAGCAAGAGCCGGAC CAGAAAGGAGCCACAAGGGGAAAAGGAGGGAGAACAAAAGAAGGGGAAAG GAAGAAGGAAGGGGGGAAGGAAAAGGGGGGAAAAAAGGGGCCAACCGGG

G G G G G G G AACCAAAACCAAAAGGAAAAGGGGCCGGGGGGGGGGGGAAAA AAGGAAGGCCAAAAAAGGAAGGAGAGACGGGAGGAAGGAGAAGGAACCAA GAAAAAAGACGGAAGAGAAAGGGGCCCCCCCCAAAAAGGGGAAGAAGGGG GGGAGAACGGGGAAGAAAAGAAGGAAGGCCGGGGAAGGGGGGGGAAAAA AGGAGAAAAGGAGGACACAGACAAGCCAACCAAAGGAGAAGGAGGGGAAA AAAGGAAAAGGACCCGGGAAAGAGGAGACAAGGAAGGGGACGGCAGGCAC CGGAAGGAAGAAGAGAAGAGGCCGAGAGGGGGCATGGAAGAAAAAGAGG G G G G G G A G G A GAA $\ln$ GGGGTTAAGGGGGGAGAAAAAAAGAAAAGGGAAGG AAAAAGGAGAGGAAAAAGGGGTTAAAAAAGGAAAGGGGAGGGAATACAAC CAAGGGGAGGGGGGAGGTAGGGACAAAAAGAGGAACAAGGGAACACAAAG GGGGACCAAAAAAAAAAAAGGAAAGGAGAACAAAAAAAAAAAAGGAAGGA ACCAAGGGGAAGGAAAACCAACCAGCCAAAGAGAAGAGAAAGAGGGAGGG GGAAGAACCGAAACAAGAGAAGAGGGGCCGGCCGGGGGGAAAACAGGGAG GAGAGAAGGAAGGCCAAGGAAAAAAAAAAGGAAGGGACCAGAGAAACGAG AGGAAGGGGAACAAAAAGAAAGGGGGGAAAGAAAAGGGGAAGGAAGGAAG GGGCCAAAAAAGGAAGGAACCCCAAAAGGAAGGAAGGGGGGGGAGAAAAA GAGAAGGCAGGGGAAGGAACAAAAAGAGGAAGACAAAGAAAGGAGAGGGG
 GAAAAGGAAGGAAGGGGGGGGAACCGGAAAAAACCGGAAGGGGCCAAAAG GAAAAGGAACCGGAAAAGGGGGGAAGGGGGGCCGGAAGGGGAACCGGGG G G G GAA G G G GAAGGAACCAAGGCCGGAAGGAAAAAAAAGGCCCCAGGGAG GAAGGGGGGGAAGGAAGGGGGAGAGAAAAGGGAGGGAGAGCCAAAAAAG GGGCAAGGAAGAGCCAAACGGAAAGGCGGTTAGAAAAGGGGCCAGGGAGG GACCCGGAAGAAAAGAAAGCCAGAAAAGGAGGGGGGGAGCGAGCCGGAAA G GAAGAACAGGCCAAGGAAAAGGCCAAAAAAAAGGAAGGAAAACCGGAAG GGGAAAAAACCAAGGAAGGAAGGGGGGAAAAAAGAAAAAGAGGGAGACAG AGGGGAGCCAGAAGGGGAGCACCAAGGGGAGGGGGAAAAAGAACCAACGA GAGGGAAAAGAGGGGGGCAAGGAAAGGAAGGGGAAAGAGGGAAGAAAAA GGAAGGAAACGAAGGAAAAGGAAGAAAGGAAGACAAAAAAAACCAAGGGG GGCCAAAAAGGGAGAGCAAAGAAGCCGGAAAGGGAGAAAAAACCCCAAAA GGCCGGCAAAAGAAGAACAACAGGCCCAGGGGAGAAAAAGGATTAGAACA CACAACGGAAGGAACCAGGGGGACAAAACCAAAAAGAGAAAAAAAGAAGG GAGGGGGGGCAACAGAGAGGGGAAGGGGGGAAGAAAAAGAAACCAAAGAA ACGACAACAGACAGTTAAGGGAAAAGAAGGAAGGGAGAGGGGAAGAAGAA AA GAAGGAAAAAAGGAGGAGAACGGGAAAAAGAGAAAGAGGGGGGGGGCC CCAAAAAAAAAAGGAGGGGAAGAGTTAAAAAACCAGGGGGAAAAAAGGGA C CA $\operatorname{c}$ GGGGGGGGGGGGAAAAAAGGAACAAGAAGAAGGGGGAAGGAAAGG AAAAACCAAAAGAGGGGAACCGGGGAAGGAAAAAAGGAAACGGAAAGAAG GAAGGAAGAAAAGGAAAAAGGGAAAGGAAAGGGAGAAAAGAAAAGGAGGG AAAGGGGAGAAACGAAAAATAAAGGAAAGAGGGAGCCGGAAGGGAGGGAG AGAACACGAAAAAAGGGAAAAAGAAAACCCCAGAAGAAAAGGGAGGGAAC CAAAGAAGAAAAAAAAGAAGGCCGGCCAAGGGGAGAAAAGGAACAAAAAA ACAAGGAGGGGCAAAAAAAGGACGGAAAGGAGAGGGGGGGGAGAAGGAA GCGAGGGAGAGGAGAAAAGGGGGAGGAAAAACGGCCAGACAACCAAGGAA GAGAGGGCGAGGAAAAGGGAGAGGGGGAAGCCGATAAAAGAAGAGGGGC CAAGGAAAAGGGGAAAACCGGGGGGAACAGAGAAGAGAAAGGGGGAAAAA AAGGGAGGAAGAGGAGAAGGGGAGAAAAAGGAAAACCAATTGGCCCCAAC CAGGGGGACGAGACAAGAAGGGGAAAGCCAAGAGGAAAAGGGGGGAAGC GGAAGGTTACGGAAGAAGCCAAGAGAACAGAGAGGAGGAGCCGAAAGGAG CCGGAAGGGGGGAAGGAAGGAAAGGGAGCCGGAAAGAAAGACAAAAAAGG G GACCCTAGGAAGGGGAAAACCGGGGCCTAGGGGGGCAAAGGGGAAAAGA A G G G A G G GAGGGGGAAAAAGAGAAGAAAGGAGAGCCGGGGCCGGGGAGG AAAAGAGAAGGAAGGAAAGAGGAAAAGGGAAGGAGAGAGCAGGACAGAGG ACCACGGGAGGAAAAAAAAAAGGCCGGAAGGGGGACCAACCAGGGGAAAA ACCAACCAAGGGGAGAAAGAGAAGGGGAAATGGGGAAGGCAACGAGAAGA GAAAAGGAACCAACAGAAGACGGAGGGAAAAGAGAGACAAGGACCGAACC AGAGGGAGGAAAAAAAAGGGAAAGGGAAGTACGGGAGAAGGAGAAGGAAG AAA $\operatorname{l}$ GGGGGAAGGGGGAGAAAGGGGAAGAACAGAGGAAAAGGGAACCGG AAGGAAGAAAAACCAAGAAAGGGGGGAAACAAAAGGGGGAAAAAAGCAAA AAAATTGGCCAGGGCCAAAGAAGGGAAGAAATAAGGCAGAAGAACAAGGA AAGGAAAAGGAACCGAAAGGAAGGCCCCAAAAGGGGAAGGGGAGAAAAGG

AAAAAAAAAAGGCCGGCCAAGGCAAAAAGGCAAAGAAGAGGGGAAAAGAC GGAAAGGGAAGGGGGGGAGACCGGAAGGAGGGAAAGAGAAGAAGAAAAG AGGAGAAAAGAAAAGGGGGAGGAAAAGCCATGGGGGGAAACGAAGAGAAA GGAGAAAGGAGCCAGGAAGAGAAAAGGGGAAAAGGGGGGGAAAGGAAGG CCAAGGAACCAAGGAAAAGGAAGGCCAAGGAAGGCCGGAAAAGGGGAAGG CCGGGGGGGGAAAAAAGGAGAGAACCGAACGGCCGGCGGGGGCAGGGGG AAAGAGGGAGGAAGGGGAAGGGGAAGGAAAGAGGGAAACGAGGGAGAAG GAGGCCAAAAAAGGGAGGAAAAGGGGAGGGAAGGGGAAAAGGAACCGGG G G G G GCCGGAAGGGGAAGGAACCGGGGGGAAGGAAGGCAAGAAGGCAGG G G G G G G G ACCGGAAAGGAAGGAGAGGAAAAAGGAACAGACGGAAGGGGA CAGGGCCGGGGAAAACCGGAGGAAAAGAAGAGGAAAAGGAGGAGACCAGG GGGAAAAAGGACCGGAGGGAAGGGGGGCCGGAACCAAGGAAGAGAAAACC CAGGAAGGGCCCCGGCAACCAACAAGGGGGGGGAAGGAAACAAGAGAGGG AA $\operatorname{A}$ GGAGCCGGACAGGGGGACAGGAGGAGGGGGAGGGAGAAGACCATAG AACGCAAAAGAGAGGAAAGGCGGGGGAAGGAACCAAGGAAGGGGGGCCG GAAGGAGGGAAGAGGAGAGGAGGGGGGGGAAAAAGGAAGCAAAAGGAAA AA $\operatorname{l}$ GGGAAGAGAGGGGGGAAAACCGGAGAAAAAAAGAAGAGAAGAGAAGA AA $\operatorname{l}$ GACGAGGGGAAGGAGAGAGAGAGAAAACCGGAAAGGGAGGAGGACAC A G G GCAGGAAAAAAGGGAGGAGAAAGGGAGGGGGAAGGAAGGAAGACAG GCCCCAACCACGGAGGGGGGGAAGGAGAAAAGGGGCCAGGGAAGGACCCG G G ACAAACCGACAGGGAAAGGAAGGGGGGAAAAGGAGGAACGGAAAGGGA AA $\operatorname{GAGGGGGGGAACCGGAAAAAAAAGGGGAAAAAGGAAAGGCAAAAGAGA~}$ GGAAGGGGACCAAAGCCAGGGAAAAAAAAAGGAGGAGAAGGAAGGGAGGG GAAGGAGCCAAGGAGAAGGAAAAAAAAGGCAAGGGGGAAAGAGGGGGGA GGAAGACAAGCCGGGAAGGAGGAAGGGGGGAGGGAAGGCCGGGGAGAGG GAAGGAGAAGGGGGGAACCAAGGGACAAAGGGAAAACAAGGAGCAGGCAG AGGAGGAGGGGACACGAACAAAGACAGCCGGATGGAGGGAAAGGAGAAAG GAAGGGGAAGGGGAGAGGGAAAAAAAAAAAAAAGGAAGGGGAAGGAAAGG GAAGAGAAGCAGGGGGGCCACCCGAGGGAGGAAGAAAGGAAAAAAAAAAA AGGGGAAGAGGAAGGGAAAAGAAACGGGGAAGGGGAGACAGGGGGAGGG AAGGAAGGGAGACAAGAATAAGCCGGGGGGGAAGACAGCAGAAGAAAAGG AAGGAAGAGAGACCGGGACCGGGGAGAGGGAAAACCAAGGAGGGCCCCAG AAAAAAGAGGAAGAAGAGAACCAAGAAGCCGAGGAAGAAAAAAAAAGGAA AA GACCAAAAGGAGGGAAGAACGACAGACCAAGAAGGAAAAAAAGGAAGG AAAAAGAAAAGGCCGGGGAGGGGGGGGGAGGACCGGAAAGAGAAGGGGA GAAGAAGAAAAAAAAGGGGAAAAGGGGAAAAAAAAAAAAGACAAAAAGGG AGAAAAGGAGGAAGGAGAGAAAAAGAAGAGGAAAGAAACAAAAGGGAGAA C G GAA G GAAGGGGCCAAAAGGGGCCAAGAGACAAGAAAAAAAAAAAAGGC A G G G G G GAGAAGGGGAAAAGGAAGGGAAAGAAAGAAGACGGAGGGGGAA GAAGAACCAGCCGGAAAGAGAGGAAAAGGGCAAGAAAAAGGGAAAAAAGG AAAAAGGGAAGGAAAAAGGGAGAGCCACGGGGAACCGGAAAAAGACGGAA GAGGGAAAGGCAAGAGGAGGAGGGGGGAGACAAAAGAAGGGGGAGACCG GAAGGAGAGGAAGGGAGGAGAAAGGGGAACAAAGGGGGGAAAAAAGGGG GGTACCGGGGGGAAAAAGGGGGGAAAGGAAAGGGAGAGGCAGACCCGAA GCAGGGGGAGGAAAGGAAAGGAAGAAACCAGACCAGGAGGGGGATAGAG GAAAAAGGAAGGGGGGCCAAGGAAGGAAAACCAAGGCCGGAGAGCAGAAA AAGGAACCCAGAAGAAAAAGGGACAGACAAAAAGAAAGGACAAGGAAAGG GAGAAGAGAGAAAACCGGAGGAGCCCAGCAGGTAAAACAAACGAGGAGAG GAAGCCCAAAAAGGAAGGAAGGCCAAGGGGGGGGGGAGGAGGAAAAGGA AAAGGGAGGAAGGAGAAAGAGAGCCGAGGGGCAAGAAACGGCAAGAGAAA A G G G G G A A A G GCACCGGAAAGACAAGACCGAGGGGGGGGGGGGGGAAAA CCGGCAAAGGAGAGGGAAAAAAAAAAGGAAAAGGGGCACCAAGGGGAACC ATAGAACCCCAAAAGGTTAAATGAGAGAGAGAAAAAAAGGGGAGGGAAAA G G G GCAGGGGAAGGAAAAAAAGGGGAAAACGGCCAAGAGAGGCCAAGGG GAGAAAAGGAAGGGGGGGGGAGGTTAAGGAGACAGCAGGCCCCCCGGCC GGAGAAGAGGAGGGCAAAGGGAATACACAAAAAGCCCCAAAGAAGGACGG CCGGGGGAGGAAACAGCAGGGACCGGAAAAGGGGCCGGTTAAGGGGAAG G GAAAGGGAGAAAAGAAGGGGCAGGGAAAAGAAAGAAGGAAAGGGGGGA GGGAGGGGGAGGGAGGCCAGAAAAGGAAAAGCAGGGGAGGCCGGAGTTG GCCGGAACCAGAAGAAAAACCAAAAGAAAAGAGGAAAAAAAAAAAGAAAA AGGGGAATTAAGAGGAGGAAGAAGGGGGGAAGGAAGGAAGGAAAAAGAAA

GCAGGGGGGAAAGAGCCGGGGAACCGGAAGGGGAAAAGGGGGGAGTAAA AAAGAATACCAAGGAGAGAAAGGAAAGGGAAAGAGGTTAGGAGGAAAACG G GCCCAGAA G G G G G G G G G G GAAAGGAGAGGGGGGAGGGGGAAAGAGGGG AAAAAGGGGGGAAAAGAAAGGGGAAGGGGAAAGAAGGGAAAGGGAAAAAA CAAGGCCGGGGAGGAGGCAGAGGGAAGAACCGAAGGGAACCGAACAAAAA AAAAGAAATGGTTAACAGAGAGGGAAAAGAAGGGGGAAGAATTAAAAGAG AA $\operatorname{G} \operatorname{GGGGGGGGACGGGGAGAAGAAGAAGGGGGGGGAAAAAACCAAGGGG}$ AA GACCCCAGGGGGAGAAAAGAGGGGAGCCGACCAAGACAAGACCAAAAA ACGGGGAAAAGGAACCGGAAGACAAAGGCCGAGGAAAAGGGGGGGAAGAG AGAGGAAAAAAACCAAGGAGGGAACCGGAAAGAGAACCGGAAAAGGAAAA GGGGAAAGGGCCGGAGAGAGGGAAAAGGAAGGGGAAGGAAAAGGAAGAA AGGGGCCAAGGGGAAGGCCACACAAGAAACAGAGGAGCAGAGGGGCCCAG GGGAAGGAAGGAACCAACCCCAACCGGAAGGAAAAGAAGAAAACCAAGGA GAAAAAAGAGGCAAAGGGGGGGATTGAAAAGAAGGAAGAAGGAAGAGGGA AAAGACCAAAAAGAGAGGGGGGGAGGGAGGGGGAAAAAAAAGGAGAAAAG GAAAAAGGGGACAGGGGGAGGAAGGAGCCGGAAAGACGACCAAAGAACCC CAAAAGAAACCGAGAAGAAAAGGAAGGCAGGAACAGAGGAAAAAAAGGAG GGGGAAGAGAAAAAACCAAGGAAGGGGAGAAGAGGGAAAGGAGCCAAGGC CAGAGGAGAGGAAGGAAGGAAAAGGAAGGCCAAGGGGGGAAGAAACCAAA AGAGGGAACCCGGGGAAGAGAACGGCCGGAAAAGAAAAAAACCAAGGGGA AACAGAGGAAAGGGGAGCACAGAAGGAAGAAAGGGGGGGGGGGGGCAAA AAAAGACCCCAGGGGGAGGGAAAGAAAGGAAAAAAGGGAGCAAGAGAAAA AAAAAAGGGGGGGGAAGGGGAAAACAAGCCGACCAGAAGACCTTGGAACA
 G GA $\ln$ A GCGGGAGAAAGGGGGGGGAACCGGGGGGGGAAGAGGGGGGGAGG GAGGAGGAGGAGGGAACCCCAAGGGGAAAGGAGGGGGGGAGAAAAGAAC CGAGGCCTTCGAGAGAGAGAAGGGGGAAGAGAAGGAAGGGACAGAGGCC GAAAAAGGGAAACGAAGGAGGGAAGGGGAAGGGGGAGGGAAGAAGGAAA GGGAAGGCAAGAAAGGGGGGGAGGAAGAGGGGGAAGGCCGGAAAAGCAA GAAAGAAAAACAGGAAGGAAAAAATTTTAAGGGAAAAAGGGGGGGGGGAA GAAGGGGGAACCAAAAGGAAAAGGAGCCGAGGAAGAGACCAACCGAGAGG AAAGAAATGGAAATGGCCAACCAAAGGGGAAAAGAAAGGAAAAGAACAAA GAGGGAAGAGAAAGGAGGGAGGGGGGGGAAGGAACAAGACAAAGAAGGA AAAAAAAAGAGAGAAAGGAAAAGAGGGAAGGAAAAAAGGAAGACCGGAAG ATTAGAGAAGAGGAGGGGGAAGGAGAGCAGGGGAGGGGGGGCCAAAAGG GGAAGAAGAAGAAGCCCCGGAAAAAAAAGGGGGGAGGGGGAGGAGGGGA ACCCCCCGAAGGAAGAACCCCCAAGAGAGCCAAGAAACCCAGAGAGAGAA AGGAGGGGGTAAGAGGGAAAACCGGAGAAAAAAAGAAAGAGGAGAATAAA AGAGAGGGAGAGAGAAGAAGGGGGAAGGGAAAAAAAAGGGGAAAAAAGGA AACAAAAAAGGAAGAAACCCCGACCAGAAAAGGAAGGGAAAGGAGGGCAG GCCAGCCGAAAAAAAAAGGAGGGGGGGAGCCAAGGCACCGGGAGGAAAAA ACCCCAGACGGGGGGGGAACCAAAACCGGGGGGGGAAGGGGAAGGGGGG TTAAAAGGAAGGGGAAAACCAAGGGGGGCCGGGGGGTTGGGAGGGGGGC CAAGGAAAAGGGGAAAAAAGAAGAGGAAAAAAGGAGGCAAAAAAGGGGGA AGGCCAAGGAAAAAGAAGAAAGAGAAGGAAAGAAAGGAAGGAAAGAAGGG GCAAAAAAATAAAAAAAGGAAGGGGCCAGGGGGAACCGGAAGGAAGGAGG ATTTAAAGGGGAGGGCAAAGGCCGGGGAAGGGGAGAAGGAAAGGGAGCA GGAACAACGGGGCCAAAAGGGAGAAAGGGAGGAAGAAAGGAAGGAAAAAA AACCAAGGAAGGCCAAGGAAGGCCAAGGAGAAAAGGAAGGGGGAGAGGGA GAAAGACCAAAGAAGGGGGGAAGGCCCCAGGAAGCCGGTTAAAAGGGGGG G G G GCACCAGAAAGGGCCAGAGCAAAGGGGGGAAAGAAAAAGGCAAAGGG GAGCAACCAACCAAAGGACCTAAGAGAAGGAAGAAGAAGGGGAAATAAAA GGAAAAGGGAAGAGGGCCAAAAGGAAAAGGGGGGAAGGACGGGGGGAAG GAAAAGAAAGGGGGGAAGGAAAAGAACAGACGAGAAAGGGGGAGATTAAA AGGAAAACCGGAAAGGGCCGGGGAAAGCCAAAGAAGGAAGAAAGAGAGAA TAGGGGGAAGGACGGAAAGGAAGAGGAACGGAAAAAAAGAGACGGAAGGA AGGGGACCAGAGGAAGAGGGGAAGGGGAACGAAAAAAAAGGGGAAAAAAA G GAGGAAAAGAGGAAAACCAAGGGAAAGGGGGGAACCAAGAACGAGAGAG GAAAAAAAAGGGGAAAACAACAAACGGCAAAGGAAAGGGGGAAAAGAGGA GAGAGAACCAGAAGGAAGAAAACAGGGGGCCAAGGGGGGCCAAAGGGGG G G G G G G A G G G A A G G G A GAAA $\operatorname{A}$ GAGAAGGGAGGCCAAAAGGGGGGGGAGG

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 G GAA $\ln$ GAAGGAAAAGGAAGGGGGGGGGGGGACAGAACCAGAAAAAAGGA AGAAAAAGGACAAAAGGAAACCCGACATTACGACCGGGGGAAAAACAGGG GAGAAGGGGGGGAAAGGGGGGGGCCAAAAAAGGAAAAACGAAAAGGGCAA AAAAAAAGGAAAAAAAAAGGGGGGGAAGAAAAAGGACAATTAAAAAAAAC CAAAAGGGGGGGAAGAAAAAAAACCAACCGGAACCGAAAGGACGGAAAAA CAAAAAGGGAAAAAAAAAAGAAAAAAAAAGGAGAAAAGAGGAAGGAAAAG GACAAGGGGCCAAGGGAGAAGGGCCAAAGGGAAGGAGAGGAAGGGGGCC G GAAAAGAGGGGGGGGGAGGAAAAAGACAAAAGGGGAACCAAGGGGAAG G G G CCGAGGAAGGAAAAACGGAAGGAAAAGGGGAAAAGGGGAAGGGGCC AAGGAAAAAACCGGCCGAGGGGAAGGGGGGGGAATTACAAGGAAAGGAAT GGGAGGAACCAAAAAAGAAGGAGAAGAGGGAAGGGGAAGGAAAAGAAAGG AGCCAAGGGGCCGAAAAAAAAAGGGGAAGGCCAAAAGGCCAGGGGGAAAA GGCAAAAAACCAAAAAAAGAGGGGGACCGAGCGGCCCAACCCACGGCAAG ACGAGGAGGGAGAAAACCACGACAGGGGGGCCAAAACAGGGGGAAGAGGC AA $\operatorname{G} \operatorname{GGGATAGGGGGAACAAGAGGGGGAAAGCCGGAAAAGGGGAAGGCAA~}$ GA $\operatorname{G}$ G G G GCCAGCCGGAAGGGAGGGGAGGGGGAATTAGAAAAGGAAGGGG GGCCAAGGGAAGCCAGAGAGAGAGGGGGCCACAAGGAAGGAAGGCCGGCC GGGGACAGAACAAGGAAAGAAGGAGAACGAAAAAGAAGAGCCAAAGGGAG G G G G G GAAAAGGGGGGAACCGGGGCAAAAGAGCCGGAAAAGGAACAGGA AGAGAGGGCGGAAGGAAGAGGAGAGAGGAGGAGAGCCGGAAGGACACGG CCCCGGAGAGAAGGGGAAGGAAGACCGAGAGAGGCGCAGGCCAGAAGGAA GGGGGAAAAGAGGAACGGGGCCAAAAAGGGAAGGACGGGGAAAACCAAGG CCCCAAAAAAGGAAAAAGCCAAGGGGAAAACCGGGAAGGGGAGAGGACGG AAAAAAGGAAGGGGCCGGAAGAAGAACAAGGGGAGGAAGGGGACGAAGG G G GAAAA G GAAAGGAGGAACCGGGGAAAAAAAAAGGGAGAAGGAACCGGG GCCGGGGAAGGGGGAGAGGGGAGAAAAGGAGGGGGGGAAAAAACCGACC G G G G G G G G A G A GAGGGGGGAAAGGGGAAAGGAAAGAAAAGAGCAACAAG A G A G G GA GAAACCTAAAGGGGCCAGGGGAGGAAGGGGAAAAGGGGGGAC G GAA $\operatorname{l}$ GGGGGAGAAAGGGCAGGAGAAGGGGGGAGGGAGAGGAAAGGGGA A G G G G G GAAGGGAACGACCAAAACCAGGGCAGGAAAAGGAAAAAAAAAAA AAAAAGGTTAAGGAAGGAAAAGGAAAACCGGGGGGAAAAGGGGGGAAGGA A G G G GAA G GAAGGGGGGAAAAGGCCAAGGGGAAGGAAAAAAGGCCAAAAA AAAGGAAGGCCAAAAGGGGCCAAAAAAGGAAAAGGAAAAAAAAAAAAGGG GTTGGGGGGAAGGAATTAACCGGGGAAAAAAAAGGGGAAAAGGAACCGGG GGGAAGGGGGAGGCCCCAGAGCAGACACAGAGAAAGGAAGGCAAACCCAG CAGAACAGGCATTAAGGCCAAGGCCAAGGGGAAAAAGGGAAGGGGGGGGA AGGAAAGGGAAAAAAGGAAAGAACCGGAACCGGGAGGAAAGAAGGGGAAA ACCAGGGAAGGGGGGGAAGGGGGGAAGGAGAAAAAAAAAACAAAAGGGGA AGGAAAAGGAAGAGAGAAAGGAGAAAAAGAGAGGGAAGAAAAAGGGGAGT TGAAGAGAGGGGAGGAAGGAAAGAGGAGGAAAAGGAGAAAAGGAAAAGGC CAGAGAAAAAAAGCCACAGGAAAAACAAAAGCAGAAAGAGAGGAAAGAGA AAAGAAGAGGGGGAAAAAAACAAGGAACCGAAGGGGGGGAAGGGGAAGAG GGGAAGGAAAGGAAATAATGGAGCCACCAGGGGAAGGGGAAAGACGGAGA AACAAGAAAAGGGGGACGGGAGCGACCAGGAAGAAGAGAAAAAAAAAGGG GAACCAACCAAGGAAGGAAGGCCAAAAGGGGGGAAAAAAGGGGAAGGGGA AAAGGGGGGAAAAGGGGCCGGGGAAAAAAGGAAAAGGGGGGAAAAAAAAG G G G G G G GAAAAGGGGAAAACCCCAAGGGGAAAACCGGCCCCGGAAAAAAA AAAAAAAAAGGAAAGGGAGAAGGAAGGGGAAGGCCGGAAGGGGAAGGAAG GAAAAAAGGGGCCAAGGAAAAGGGGAAGGGGGGGGAAGGCCGGAAGGGG AAGGAAGGAAAAAAAAAAAAGGCCGGAAAAAAAATTGGGGAAAAGGGGAA GGCCAAAAGGCCGGCCAACCAAGGAAAACCCAAAAAAAAAGGAAGGGGAA GGGGAAGGAAGGAATTAGCCCAAAAAGGACGAAAGAGGGGAAAGCCGGAA

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GGGGGAGGAGGAGAAGAAGCAGGAAAAAAAAAAGGGGAGAAAAGGAAAAA AA $\operatorname{l}$ GAGACCGGAGGGGGAAAAGGAGGGGGGGAGCAGGGAAGAACCGGGG GAAGGACCGAGAAACCCAACGGAAGGGGAAGGCCGAGGGGGGAGAAGGG GAGAGGAAAAAGGACGGGGAAGAGGGCAGAAAGAGGAGGAAAAGAGGAAA CAAACGGAAAAAAAAAGGGGACCAGAAGGGGTTGGCCGGAAAGGGAAGAG GAAACCAGAAAAGAAGGGGAAAAGGAGGAGGCCGGAACCAGAACAGGGGA AAGCCGAGAGAAAAAGGAAGAGGAGAAAAGGGAAGAAAGCCAAGGGAAGG A G G GAAGAAAAAGAGAGCAGAGGCCGAAAAAGAAAGGAAAAGGCCAAAAG GAAGAAAGAAGGAGAAGGGAAAGAGGGAACCAAAGACAGGGGAGGACGGA GAAAAAAAAAGCCAAGGCAAAAGGAAACAGGGGGGGAAAAAAGGAGGATG GAGAACCGGGGGGAAGACAGAGAGGAGAAAGGAAGAAAAGGAAAAAAAAG CAGGAGGAGAAGGAACAGGAAGAAAAGCCAAGGGGGGGGAAGGAAGGGG GGCCCCAACCGGAAAAGGAAAAAAAAAAGGGGGGTTGGCCAAACGGCCAA AAAGGGGGAAAGAGGGGGAAGGAAAAAAAAAGAGGAGGGGGGAAGGAAG GGGAAAGAAGAGGAAAGAAAAAAGGTTAACCGAAAAAGGAAAAAGAAGGG G G G AA G GAGAGCCAGCCAAGGCCGGGGGGAGAGAGAGGAAAAAAGAAAAA AAAAGAAGAAGAGAAGGAAGAGGGGACGGAAGGCCGGACAAGGAAAAAGG GAACAGGACGAAGGGAGGAAAAAAAGGCCGGAGGAGGGGAACCGGAGCCA AGAACAGTTGGAAGGGGAACCAAGGGGCCCCAACCAGGGGGCGGGGAGAA GAAAGGGAACCAAGGAAGATTACGGGAGGAACAGAAGGGGGGGGGCACAG AGGCCAGAGAAAAAAAGGGCACACCAAAAAAACGGAGAGAAAGAAAAAAG AAACCGGGGGGAAAAAAGGGGAGAGGAGAAGAGGACAGAAACAGGGGGG G GAAAAGAGAGAGAAGGAGAGGAGGAAAAAAGCAAAGACCAAGGGGCCGG A G G A G A G GAA G G G GAAAAAGGGAAGGGGAGGGAGGGAAAAAAGGAAGGG GAACCAAAAGGTTGGAAAAGGAAAACCCCAAGGAAGGCCGGAAAAAAGGC CCCAGAGCACCAGCCCCGGGGAAGGAAGAAAGGGGGGAAGGGGGGGGGG TTAAGGGGAAGGAAGGAAAAGGGGAAGGAAGGAGGAGGAAAAAGGGGGG AGGGAGGAAGGCAGGGGAAAAGGAGAGGGAGAAAAAAAGGGAAGGAAGA AGAGAACCGGCCGGAAAAAACCCCGGGGGGTAGCGGGGGGAACAAGGGG G G G A G G G G GAAAAAAAAGAGGAGGGAAAGAGAAGGAAGGAAAAAGCCGGA AGGGGAAGAGAAGGGGGAAACGGCAAGAGGAGGAGAGCCGGGAAAATGA A G G A G GAA $\operatorname{A}$ GGGGGAAGAAGAAGGGAGGGGCCGGAAAGGGAAGGGGAAG G GAGAAGGGAGAGAAGGGAAGGAAGGGGAAAGGAAGGGAAGCCAAGGAA AAAGGGAACCAGAGCACCGGAGGAAGCCAGCAACAAAAAGAAAAGACCAA AA $\operatorname{A}$ GAAGGGAGGGGAAGGCCGGCCGGCCAAGGAGAGGGCCGGGGAAAAA AAAAAAAAAGGAAGGGGAAGGAGAGGGGGGGAAGGGGGGGGGGAAAAAA CCAAGGGAGGGGAACAGGAAAGAACCGGAGGGAGGAACGACAGGGGGCA GCACCAAAAGGCCAAGGGGAGGGAGGAAGGACCAGAACCAGAGTAAAAGA CGGGGAAGGAAGGACAAGAGGCCGGAGAAACAAAAGGAAAAGGAAAAAAA AGGGGGGGAGAAACCAAGAGGAAAGGAGGAAAAAAAAGGACGGAGAGGAA G G GACAAACAACGGAAAAAAAGAGGGGGAAGAACCGGAGAGAAGAGGAGG AGGAACCGGGGGAGGGGGACCCAGGGACCGAGAGGAAATGGGCGGGGGG AAGAAAAGACAGGGAAGGAAAAAAAAAAAGGGGGAAAAGAGGAACCAGGG ACAAGGGAAAAAAATAAACCGAGGAGAGAGAAGGAAGGGGCAAGACGAAG AGGAAGGAAAAAAAAAAACCGAAAAAAAAGAACAGGGGGGGGAAAGAAGA CCAAGGAGGGCCAGGGAAGGGAACAGGGGGGGACAAAACCGGGGAGGGG AAAGACGGGGGAAGGAGAACGCCAAACAAAGAGGGGGGGGGACAACAGAG AAAAAGAAGGAGGAGGGACTTAAAAAAGAAAGGGGGGAGGAAAAAGGGGA AA G G G GAACAGGGGAGGGGGGGAGGAAAAACAAGGGGGGAGAGGGAAAA GAGAAGAAGGGGAAAGGGGAAAAAAGACCCGAGGGGCCGAAAAAAGGGGG AAAAAAAAGGAGGGAAAAAAGGGGGGAGAGACGAACGGAAGGCCGGGAAA AGAGCCCCAAAAAGAAACGGAGGAAAGGAAAGACGAAAAAGGGGCCAGGA AGGAACAGAGAGACAAGGGGAAAGAGGAGGAACAGGGAAGAGGAGGGAG G G A G A AC GAAGAGAGGAAGGAAAAAGAGAGGGGAACCAAGGGGGGAAAGA G G A G A G A A G G A A G A AAAAA $A$ AAAAAAAAAGACAACAAGGGGGGGGACAGGG G G G G G GAA G G GAACCGGAAAAAAGGGGGGCCGGAGAAGAAGGGGGAAGG AAAAAAGGAAGAAAGGAAAAGGAGGGCCGGAAAAAGGGAAAAAAGGGGGG G GAA G GAGGAGAAAGGAAGGAAGGGGAAGAAGAAGGGGGAAAAAAAGAG GGGCCAAGGGAAGAAGGGGGAGAAAGGGGAAGGGGAAAAAAGAGAGACC AGAAGGAAGAAGAGGGGGAAAAGAAACAAGAGCCGGAAAGAAAAAAAAAG GAGAGGAGAAAAGAAGGGCCGGAGAAGAAGAGAGAGGAAGGAAAGGGGG

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AAGGACCAGAAAAGAAGAACCAGAGGGCCGGCCAAGAGAGAGGAAAGGGG AA $\operatorname{GAG}$ GAGGAAGGAAGGCCAAGGGGAAAGCAGAGGAAACGAGAAAAAGAG G G GAGAAACAACCAGGAAAGGAAGGAACCAGAAACCCGGAGAAGGAGAAA GCAAAAGTTGGAAAAAGGGGAAGAACCGAGGAAAAAACAATCCGGGGCCG GGGCAGAAACCAAAAGGAAAACCAAAAAAAAGGGGAAAACCGGAAGGGGA A G GAA G GAAAGGGAAGAGGAGACGGGGGGAAAACCAAAAGGGGAAGAACA GACGGAAGGGAGACAAGGAAAAAGGGGGGGGAGAAGGGAAAGACCAAAAG G G G GAA GCCGGAAGGAAAAGAAGAGAGAAAAGGGAAAGGAGAGAACCAAG GAAAAAAGGGACAGGAAAGAGGGCCACGCCGAGAGAGGGGAGGGGAGAAA AAAGGAAAAAAAACAGGAAGGGGCCAAGGGAAGGGCCGGTTGGGGAAAGG GAAAAACGAGAAAAAAAGAAGGAAATAAGCCAAAAGGGGGGCCAAAAGGA AAACCACAAGGAAGGGACCGGGGAAGGGGCCAGACAAAGCCGGAACAAAG GAAAAGGAACCGGAGAACAGAGAAAGGAAGGAAAAGGAGCGGAGAGGGGA AGGAAGAGGAGGAAAGCAAGGGAAAAAGGGGCCCAAAGGAACCAAAAAAC CGGAACGAAGCAAAAAAGGGGGGGGGGAGACGGGGAAGGAAAGAAAAGAA CGAGGTAAGTTCAAAGGGGGGAAAACCGAAAAAAAACAAGAGGGAAGAAA G GAGACCGGGAAAGGAGCCAGAAAACCAAGGGAAGGAAAGGAGGAACGAA AAAAACCGGCCAGAGAAAGGAGGGGGAAGAGAGAGGAGGGGGAACGGCAC CCAAGAGAAAAGGGAGGCAAACCGCCACCAAAAAGGAAGAAGGAACCAAG AACAAGGAGAGCAGAAAGGAAGGACGAAGGGGAGGAAAAGGGAAGGGAG G GAAGGGGGGAAAACCAAGAAAAGAAAGGGGGGAAAGGCCAAGGGGAAGA AACAGAAAGGGGAAAACCGGGGGGCCAAAGGAAAGAAAGGGAAAAGAGTA A G G GAA $\operatorname{lng} \operatorname{GGGGCCAAGGAAAAAAGAGACAAAAGGGAAAAAAAAAAGGGG}$ AA G GAAAAAGAAGGGGGGAAAAAAAAGAAGACGAGGGGAGCCGGAACCAA A G GAGAACGGGGGGAAGGGGACAGCCAAGGGGCCAGGGAAGGAAGGCCA GAAGAAAGAACCCAGCAGAGAAAGGAAGGAAAAGGAAAGAGGGGAAAGGA AGGGGATAAGGGGGGGAGGGGGAGGGAAAAGGAAACCAAGGAATAAAAG GAAGAGGGGGAAGGGGAGGGCAAGGGGAGGGGAGAGGGAGAAGGAAAAA AGGAAAAAAGGGAACGGGGAGAAGGGGGGAAGGGGGGGGGGGAACAAAA AGGAAGAAGGAAGAAACCCCGGGAGGAGAACCAGGGACAAGAAAGGGGGG G G G GAAAGGGAAAGCCCCAAAAAGAACCAAGGGGAGGGCCAAAGGGAGGG GGAAAACCGGAAGGAGGAGAAAGAAACCAAAGAGCCCCAAAAAAGGAAAA AAAACAGGAAGGCCGGGGAACCAAAAGAGGCCGGGAGAGGAAGGGGGGA G GAAAGGAGAACACCGGAGAAGAGACCAAGGAGAGGGCCGGGAGAGGAGA AAAAAGGACGACCGGAAAAAAAAAAAAAAAAAGGCGAGAGAAGAGGAGGG ACCGAAAAAGAAGGAAGGAGAAGAGGGAGACAAGGAGGGAGGAAGAAAGA CGCAAGGAGGAGAAGAACCGGAAAGAAACGGAAGGCAAAAAGGGGGGAAG GCCGGCCAAGGAAGGGGGAAAAAGAGACAAGGAGAACGGGAAGAGGAAAC CAAAAAACCAGGGAGCCACAAAAGGCCAAGGGGAAGGGAAAAACCAGCCG AGAGAACCCCAAAAGAACCAAAAGGGAAGAAGGAAAAGGGGGACCAAGGG G GAGGAAAAGGGACCGGGGAAAAGAAACCAAGGAACAGGAACCACGGCCA AAGAGAAAGGAGAAAAAAAAAAGCAGGGGCCGGAAAGAAAAAAGGAAGGG GAAAGGGCCCCCCCCCGCAGGGGAAAAAGAAAAAAGGAAGAAGGGAAGAG AGAAGAAGGAAAACCGGCAAGGGGAGGGGCCAAAAGGAACCAGGAGACAG A G G G G G G GAGGGGAGAGCCAGAGCCGGAAGGAAGGGGAAAAAGAAGGGG CCAAGGAAAAAAGCCAGGGGACGAGGAGGGAAGACAGAAAAAAAGGAAGG G G A A G G G G G G G G G A GAGAGGGAGGGAAGGGTTGGAAGGGGAAAAAAAAA ACCAAAAAGGGAAAAGGCCGGGAAAAGAAGAACGAAGGAAAAAGGGGGAA GCAAGGAGGAAGGAGACAAAGGGAGAGCCGGGGAACCGGAAAAGGGGTTA AAAAGCAAAAGGGGGGGAAGGGGGGAGGAAGGGAGAAGGACAAACAAGA GAGAAGAGCCAAGGAAAAGGGGAAGGAATAGAGGGAGAGGCCGGCAGGAA AGGAAAAGAAGGAAAAGGAAAAGGGGGGAAGGAAAGGGGAAGAACCGAAG GAGGGGGGCCAAAAGGAAAGAGCAAAGGCCAAAAAAGGAAGGCCGGGGGA GGGGAAAAAAAAAAAAAAAAAACCAAAAGGGGAGGAGAGGCAGGGAGGAA AAAAAAGGAGGACCAGGGCCAGAAGGCCCCAGGGGGAAGGGGGAAAGGAA GGTAGAGGCCGAAAAAGAGGGAAAGGAAAAAAGGGGAAGGAGGGCCAGG G G GAAA GCCAACCAAGGGGGATTGGGGAAGGGGCCAAAAGAGAGGGGAA G G G G A G G G G G G G G G A A A A A G G AGGAAGGAAGGAAGGCAGAAAAAAGGAG G G G T T G G G G G G G GAA G G GAAAAA G G G GAAAAAAAACGGGGGGAGGAAAGG G G G GAA G G G GCCGGGGGAGGAAAAGGAACCAACCAAGGGGAGAAGGGGG GAAAAAAGGAGAAGGGGGGGGAAAAAAGGGGCCAGGGCCGGAGGAAAGA

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G G G G G ACGAGGAAGGAAAGAAGGGAGGGGAAAAGGGGAAGGGAGAGGGG AAGGAAAAAAGGAAGGGGGGGGGGGGGGAAAAGGAAAAAGGGGGGAAAC CAAAGAGTACCGAAAAAACAGGGAAGGAAAAAAAAGGAAAAGAGGAGAAC CAAGAAAAGCAAGAAAAGAGGAGAGGAGGAAGGAAAAGAGAAGCGCAGGG GAAAAAAGAGAGGAAAAAAGAGAAAAGAAAAGGGGGGGATTGACCAACCG CACAAGAAAAGGGGGGGAAAAAAAAGGGGGAAGAAGGCCCCGAAAACAGA AGGGGAAGGAAAAAGGGAAAGAGAGAGAGAGCACAGGGAAAGAAAGCAGG AACGGAAAACCAAAAGGCCCCCCAACCGGGGAAAGGACAGAGGGGCCAAA CGAGGCAAAAAGAGGGAGGAAAGCCGGAAGGAGGAGCAGGGGAGAAGAA GAAAGGAAAAGGGGAGGAAGGAGGAGGAAAGAAGAAAAAGACACGAAGGG GGGGAAGGGGAAGGGGAGACAGAAAAGGAGGGAAAAGGAACCAAGGAGG GGGAAAAGGGGCCAAAAGGAAGGGACAAAGGAAAAGGGGAAGAGGAAAGG GAGGGGGAGAAGGAGGGGAGAGAGGCCAAGGGAGGGAGAAGAAAAGGGG GGGGGGAAGGGGGAAAAAAAAGAAGGGAAGAAGGGGGGAAGGAAGACAA AGGAAAAAAGGAACAAGGGAAGGGGGGAGGGGGGGAGAAGGATAAGGCC G G A G G G G G G G G G G ACCAAGAAGCAGGAGGGACAGCCGGAAAAAGGGGGA AAAAAGGGGCCAACCCCAGAAGGGGAAGGAAAAGAAACCGAAGGGAGGAA AATGGAAGGGAAGAGGAAGAGAGGGAGGGGGCCAAGAGGGGAAGGGGAG G G G G G G G G G G G G G G G GAAA G G GCCAAGGAAAAAACAGGAAGGGAGGAAG G G A A G G GAGGGAGGACCGGAAGGAAAAGGAGAAAGAGGGGGAGAGATGG G GAAGAACAAGGCAGGGGGAAGAGAAAGAAGGAAGGCAAGGGAAGGAAAG AA G GAAACTTAATTAGAAGGAAAACAAGGAGAGAAAAGGGGGGGGGGGGG G G AAA $\operatorname{G}$ GGGGGGGGGGAAGAAAAGAAGGGGCCGGAACCGGGGTTCAGGG GAAAACCAAAACCGGGGGGAAAAAAAGCAAGGGGGCCAAAAAAAAGGGGG AGGCCACAACCGAAAAGTAAGAAGGAGGAGACAAGAACGGAAGCACAGGG GGATTGACCGAACCGAACCGGAAGAGGGGAACCGGAAAAGGAAGGCCGGG GGGAACCAAGGCCGGGGAAAACCGGAAAAGGGGGGGGAAGGAAAATTGG G G G GAAGGGAAGAGGGAGGAAAAGGAAAAGAAAAGGGGCCCCAACCAAGA AGGGAAGGAAGGAAAAGAGGGAAAAAAGGAACGGAAAACCCCAACCAGGG AAAAAAAACAAGGAGAGCAGAGAGAAAAAGGCGGACGGCAAAACGGGGGG AAAAGGAAAAGAGGAGAAAAGGAAGAGGGAGGGGGAAAAGAGAAACGGCG GGAACAAGGAAGACGGAAGGAAGGAAAGCCGGAAAAAAAAAAAAAAAAAA CCGGAAGGAAGGGGAAGGGGAAAGCCAGAAAAAAGGAAAGGGGGAAAACC CCCCCCAGAAGGGGGGGGAAGGGGGGGGAAAAAA GAAAAA G GAGGGGAG GAAAAGAAAGGAAAGAAGGACGGGGGGAAGGAGGGAACCGCCAAGGGAAA AGGAACAAGAAAAAGGGGGGGCAGGAGAAGGAAGAAAAAGAAGAGGGGGA AAAAAAAACAAGGCAGGGGACGAAAGGCCGGGAAGAAAAGAACAAGGGGG ACAGAAAGGGGTTAGAAAACCGACAACAATAACGAGAGGAGGAAACAGGA G GACCAAAGGGAAGGAAAAATCCCCGAAGGGGGGGAAAGGGGGAACAGAC AAAACGACCGGAGGACCAAGGAAGGAAGGGGGGAAAACCAAAAAAAAGGA AAAAAAAGGGGGGGGAAAAGGGGGGAAAAAAAAAAAACCGGGGAAGGGGG GGGGAAAGGCGGGAAAAAAAAAAAACCCAGGAAAACCAAGGGGCCAGGGC CAAGGACGAGGGACCGAGGGGAAGGCAAAAAAAAAAAAGAAAAGGGAAGA GCCAAAAAACCAAGGAGAAGGGGACGGAGGGAGAAAAATGGAAAAGGGAG AAAGAAGAGAGGAGAAGAACCGAAAGGGAGAGGCCGAAGGGAAGAGGGGA G GAAAGAGGGGAATTGAAAGGAAGGAAAAAAGGGGGAGAAAAGAAACCCG AAACCAAGGAGGGGGAGGGAGGGCCAGAGGGAAGAGAGAAGGAGAGAAC GGCAAGCGAAGGGGAGGGAACCAAGAGGGGAAGAGGCCGAGAACAGCCCC GAAAAAAGGAAGAGTAACGGATAAGGACAAGGGGGGGAGAAGAGAAGAAG GGAAAAAACCGGGGGGAGGAGGAGAAGGGGGGCAGGGAAGGAGGGGAAG
 A G G G G G G G GCCAAAGGAGGAAGGAAGAGAGAAGCAAGGGGGGGCCCAGG AA GAAGGGCCAACCAAAAAATTAAGGAAGGGGAGAAAAAAAGCCGGGGGG CAGGAAAAAAAAGGGGAGAGGGGGAGGGCCAAAGAGAGAAAGAGACAGAA AAAAAAGGAGAAGAAAAGAGAAAGAGGGGGCCGAAGACAAGGAGCCAAGG AACAGGGGGAAAAGAAAGACCCAAGGGGAAAAAACCAAAAAGAAAAAGGG GGGAAGAGGGGAAGGGGGCCGGAAGGAAGGAAAGGAAGGGGAGGGGCAG GAAAAACCCGGAAGGAAGGAAGGAGAGAGGGGGAAGAGGAGGGGGGGGG AAAGAAGGGGGGAAGGAAAAGAAAGGAAGGGAAAAACAGGGAAAGGAAGG AAAAAAAAAAGGGAAGCCAGAAAGCAAGAAAGGGAGCCAGGGGGCCAGAA GGGAAAAAGAGGGGAAAAGGGGAAAAGGAAGGAAAACCCCAAGGAAAATT

G G G G G G A A C CAAAAGGGGGGGGGGGGCCGGGGGGAAGGGGGGGGAAGGC CAAAAAACCAAGGGGAAGGGGAAAAGGAAGGAAGGCCGGAAGGGGAAGGA AGGAAAAAAAAAAGGCCCCGGAACCGGAAAAAAAAGGCCCCAAGGAAGGA AAAAAGGGGGGAAGGAAGGAAGGGGGGCCGGAAGGAAGGGGAAAAGGAA AAAAAAAACCGGAATTGGGGGGGGGGCCGGAAGGAAGGGGAAAAGGAAAA CCGGGGGGGGGGGGGGAAAAGGGGCCAAGGGGAACCGGAAGGCCGGAAG G G GAA $\operatorname{l}$ GGGCCAAGGAAGGGGGGCCGGGGGGGGCCGGAAAAAAAA G G G G G AACCAAAAGGGGGGGGGGCACAGGAGGAGAGGGGGGAGGGGGGAGGACA AGGAACCCCGGGAAGAAGGCCCCGGAAGGAAAAAAGGGGAAGGAAGGGGG GAA G G G GCCGGCCGGGGGGGGAAAAAACCGGCCAAGGGGAACCAAGGGG GGGGAAGGAAGGCCGGGGGGGGAACCGGGGCCGGAAAAGGGGAAGGGGG GCCGGAAGGAACCGGGGGGGGAAAAGGGGGGAAGGGGAAGGAAGGAAAA AAAAAAGGGGAAGGCCAAAAAAGGGGAAGGCCGGGGAACCAAAAGGAACC AGAAGAGAAAAGGGAGCCGAGGAGGGAACCAAGAAGGGGGAAAAGAAGGG GGGGAGGGAGAGGGGGTTGGAACCAGGAAGGACCAAGAAGAGCAGAAAG G G G A A G G G G G G A A G A CACAGAAGGGGGCAGGGGTTAAGGGGAGAGAGGC AA $\operatorname{H} G \mathrm{G}$ GAGGGACGGAAGGAGAGCAGGAAACCCGGGGGGGGAAACAGCAG G G AA G G GAAGGAGAGAAAGAAGGAGAGAAGGGAAAAGAAAAAAAAGGGGA AGGGAAGGAAAGAAAAAGGATGGAAAAGGAGAAGGGGCCAGGGAGAAAGG GAGAAGACCAACCGGGGAAGAGAAAAGAGGGCCAAGGACGAAAAAAGAGA ACAAAAAACGGGGGGGGCAAGAGAAAACAAAAAAGGGAAAGACAAATCCA GAAAAGGGGAAAAGAAAAAGGGGAACGAAAACCGGGGAGGGGGCCCCAAA ACCAAAAGGAAAGCCAGAAGGAAAAGGTTCCAAAAAAAGAAAGAAGAAAG GAAAAAACGCCCCAAGCAAGGACGAGAGGACAAGGGGAGGGAGGGAGAGA CGCAAAAGAGGAGGGCCGGAAAAAAGGAAGGAAGAAGGGCCAAAAGGGGG GAAGGAAAAAAGGAACCAAGGGGGAGACAGGAAGGCCGGAAAAGGGGGGA AAGAAGACCAAAACCAAAACCAACAAAAGGAGGGGGGGAGGGGAGAGCAC CAAAAGGAAAAGGGAGACCAGGGAGAGAGCAAACGACAGAAAAAGGAAAA AAAGGCCAGGGAAAAAAAAAAAAAAAAGGAAAGGGGGGGAACCAGAAGGA GGGAGGAGGGACCAGAGACGAAGAAAACCACGACCCGAAAAGAAGGAAAC CAAAGGAAAGAAAAAAAGGGGGGAGACCCCCGAGAGGGGGGGGAAAAGAA GAGAAGGGGGGGGGGAAAAATGGGGGACAAAAAAAGGAAAACCAAGGGAA GGGGGAATTAAAAAAGGAAAACCAGAGCCCCAAAAACGGAAGGAAAAGGG GAAAGAGCGGGAGCATAGAAAAACCGGGAAAAAGGGGGAGGAGAAGGGGA GAGGGCCGGAAGGGAGGAAGGGGGGGGGGAGAAGGGGGGAAAACCGGGG CCGGAACCAAAAACGAGGCCACGGAAGAACAAGGGGGGAAGGGCGGGGGA AGAGAAAAAAGGGGGGCCAGAAGGAAGAGGGACCAAGGAGCCGGGGAGCA GAAAAAAGAGACGAAGGGAATAAACCAGAAAAGGCCGGGAAAGGCCCCGG GACACAACGAAAAAAGGGAGGAGAAAACCCCCGACAAAGGAAGAGGGAAG GGAAAAGGGGAGGAAACCAAACCAAGCCGGAAGGCCGGAGACAAGGAAGG CCGGAAGAGAAAAGAAGGCCGGAACCAGGGAAAACCGGGGGGCCGGAAAA CCAAAAAAAAAAGGGGAGGGGGGGAAAAGGAAGGGAAAAGTTCCAAAAGG GGACAACCAAGAGGAAAAAAGGAGAAGAAAGGAAGAAGCCAGGAAAAGAA AAGAAGCAACGGCCAGAGAAATAAGAAAAGCCAGGAAGAGCCCAGGGGCC GAAAGGAAGAACAAAAGGCCAGAGGAAAAACCAGAAAAAGGGAAAAAAGG GGACGGGGAGGGACGGAAAAGAGAGGGGGGGGGGGAGAAACAGGAAGGG GGGGAAAGAGGGGAAGGCCAAAACCAAACAAACGCGGCCGAAGAAAAGGA GAGGAAAGGGACCACAAGGAAGGAAAACCAAGGGGAAAAAGGGGGAATTA GAAAAAGGGAGAACCGGGGGGAGAGCCCCGGAAAAAAAAAACCGGGGGGG AGAGGGGCCGGGGGACCAGGAACAAGGAAAAGGAAGGGGAAGGAAAAAAG GAAAAGGGGAGAAGGGGAAAACCAGAGAAAAGAAAAGCAAGAAGAAACCG GGAAAGGCCAACCAGCCAAACGGAAAGGGGGGGGGGGACGAAACAGAGAA TAGAGAAGAGGGGGGAAGAGAGAAAAGCAAAAGGAGAAAAACCAGAGAGC AATGGGGAAGGAGCCAACCCCGGAACCAGAAGGAAGGGGGAAAAGGGGCA
 GGAACGGAAAAAGGAAAAGGAAAAGGGGAAAAAAAAAACCAAGGAACCAA G G G G A A G G A A A A G G GAAA G G G G G G G G G GCCGGAGGAGGAAGGGAGGGGA ACCAGGGGGAGAAGGAGAACAGAAGGAGGGGAGAAACAGAAAGTTAAGGG GAAAAGGGGGGGGAAGGGGAACCAACCGGGAAGGGCCCCAGGGGGAGGA AAACGGAGGGGGAAGGAGACAGGAGAAAAGGAAAAAGAGAGAGGAAGGAG AGAGGGAAGGGGCAAACAAGAAAAGGAGAAAGGGAAGGAAAAGGGGAGGA

AAAAAAGAAAAGAAACGAGGGGAAATGAAAGAAGGACGGACAGGGACAAG GGAGTTGGAATAGGGGGGGGCAACGGAAGGCCGAGGGGAAAAGGGGAAA AGGGGGGGGGGGGAAGGAAGGAAGAGGGACCAAGAAAGAAACCCCCCAGA AGGGGAAGGAGTTGAAACAAAAGGGCCGGGGAAGGAGGGGACGAAGGGG GGGGAACCGAAAAAGGAGACGAAGAAGGAAAAGAAAGAAGAACCGAAGAA GGCAAGGGGAAAAAGGGGGAGGGGAGGCGGGAAAGCGAGGGGAAAAGGA ACCGGAAAAGGGGGGGGAGAAGGAAGGAAGAGAGGAGACACGAAACCAAA AA GAAAGGAACAGGGACGGCCCCGGGGGGGAAAAAACCCCAGGAACCGGA GGGGACCCCAAGGAAAAGGAAGGGGAGCCGGGGGGAAAGGGAAAAAAATA GGGCGAAAAAGAAGGGACAAGAGCAGAAGGAAGCAAACGCCGGAAGGGGA ACGGGGGAGAAGGTAGAAGGGAAGGAAGGAAGAAACCGAAAGAGGGGGG CCGGAAGGAGAAGAGGAGGGAGGAAGGGAAAACCAGAGGGGAAAAAGGAA GGAAAAGGAAAAGGGGACAAGGGGAACAAAAGAGGGAAAAGGGGGGGGA ACAGGGGGGCCGGAAGGAAGGAGGAAGGGGGGGCAGAAAGACCGGGAAA AGCAGGCCGGGGAAAAGGTTGGGGGGGGAAGGCCAGAGGAAAAGCCGGA AAACCCCGGAACCGGGGAAGAGGGGCAAGAAGAGGCCAGAACAAGAGGGA AGGGGCCAAGAGAGAGAAAGGAAAACCAAGGGGGGGGAAAAGGGGGGGG AAAAAAGGCCGAAACCATAGGGCAGGGAAAGGGCGGACAAAAAGCCCAAA ACGGAGCCGGGGGGAACCGGAAAGAAAGAAAAAAAACCGAAGCCAAGGAA AGGGCCGGAGAGGGGGAGGGAACAGACCAAGGAGAGGGAAGGCCAAGGA AAAGGAGGAGGCAAAGAAAGGGGCCAAAAAAGAAAACAGGGAAAGGAGAC CGGGAGGGAAGCACGGAGAGAGAAGAAAAGGGGAAGGGGAAAAAAGAAAG GGACAGAAGAAGAAAGGAAAAGGAAAAAAAAGGGGGGGAGGCCAAAACAA AAAGGGGAAGGCCGGCAGACCGAAGGAAAGGAAGGGGGGAATTGGGGCA AAAAAACCAAGACAGAAAAATAAAAAAACCAAGGGGAAGGAAAAGAGACCA AGGAAAGGGAAAGGGGGCCCCGGCCGGAAAAGAAAGAGAACGAACCACAA AAGGGCCCCAAGGCCGGGAACAGAGAAGGAGAGACCAGAGAAAGGAGGAG GAGGGGACAGGGAGGGGGAGGGGAAAAGGGGCCGGCCAGAGGGGAAGGA AGAAAAGGACAACAGAAAGGGGAGACAAAGAGACAGAGGGGGAAGGCAAG GAGAAGAAGAGCGGAAGGAGAAAAAAGGAAAAGGAAAACCACAAAAGAAG AAAGGGGGGGGAGGGGGGACGGAGGGCAGAAGAACCGGGGACGGGGAAA AAAGGGGACGGAAGGGGGGAAGGGAGGGAGGGGAAGGAAAAGAAAGGGC AGAACCAGGGAAAGGAAACCAACCAAGGCAAAGAAAGGGGAGGGAGGGGG AGGAAAGAAACCCCGAGAAGGCGGCCAGGGCCGGAACAAAGACCAAGGAA GGGGGAGGACGAGAGGAAGGAAAAGAGGGAAGCGGAAAAGGGGGAAAAG GGAGGGAAATTAAAACAAAAACCGAAAAGGGAAAACAAAGACCGGGGAAA ACCGGGAGGGGAAGGGGCCATAACCAAAACCAAGGGGAAAGAGGGGGGGA GAAGACAAGGGAAAAGGAAGGAAGGGGGGCCGGAACCAAGGAAAAGGGG GGGGGAGGGGAGAAAAGGGGGCGGAAGGAAAAAGAGGGAAAACAAGCCC AAAAAAAAAACCCACGGAAAAGGAGGGAACCGGGGAACCAAAAAAGAAGG AA $\operatorname{la} A \operatorname{AG}$ GGGAAGAAGGCCAGCCGGGGAAAGAGGGAGAGGAGGGAAGAA AGGAGGAAGGAAAGAGAGAGGAGGGGAAAGAACCAAGGTTAGGAAAAAGG CACAAAAAAAAGAGGGGGGAGGGGAAGGAAAGGGAAAAAGCAGGGAAAAC GAAAAAAGGAGAAGGGGGAGGAGGAGGGAAGGGAAGGATTAGCAAACGG GAAAAAAAAAAAAGAGGGGACGGAAAAGGGAACGACGAGAAGGCCGGACG AGGAAGGAGAAAGGGGGACCAGGGGGGGGGGAAAACAGAGGGAGGAAGG GGAAGGGGGGGGGGGGGAACAGGGGGGGGGGGAGGGGGGAGGGGAAGA GGGAACAGCCGGGAAGCCGGAAAAGGGGAGCAGAGGAGGGGGAAGGAGA GGGAGGAGGGGGAAGCCAAGGGGGAGGAGGGGGGAGGAGGGAGAAGAGG GGGGGGAAAAGAGACCAAGGGGAAGGTTAAAAAAAGGGAAAAGGGGAGCC GGGGAAAAAAAAGGGGAACAAGGGAACACAGAAAAAGGGAAGAAGAGGAA AACACCGGCCGGGGAAGGGGGGAACCAGAAGGAAGGCCCCAAAACCACAA GGGGGAAGGAGGGAAGGAGAAAAAAGAAGGCCGGCCCCGGAACCAGAGAC ACGGGGGGTTAAGGAGGGAAGGAGGGAAAAAGGGAAGGAGGGGACAAAG GGGGGAAGGGGGGCCAAGGGGAGGGGGCCAAGGGGGGACGGGAAGAGAC GGCAAAACGAGGAAAACCGGCCAACCAAACAGAATAAAGGACAAGAGAGA GGAGCGGGGGAAAGAGATAAACGAAGGGAGGGGGAGAGAGAGGAAAGGT TGGGGGGGAAAGGAAGGGGGGAAGAGGAACAAAAGAGAAGACCGAAAAAG AAAGAGGACAGCAGAAAGAGAGGGAGGGGGAGACCAGGGGAGGGGCCGA GGGGAGAGCAAGACAGACAGAAGGGGGAAAAAGGGGAGGGAAAGAAAAAG GAAAAGAGAGAAAAGATTAAAAAAGGGGAATTAGACGGAAAAAGGGAACC

GGGGGGTTAAGGCAAAAAAAGAAAGGAGAAGGGAAAAAGGAGAAAAAAAA GAAAAGGGAAAGGGGGCCGGGGAGAAGGAGGGGGGGAAGAGAACGAGAG GGGAAAGGCAGAAAGGGCAGGAGAGGGGGAAAAAAAGTTAAGGGGGGAA GGAAGGCCAAAGCCCCAGAGAAAAAGAGGAGGGACCAGCAAGAACCGAAG AACCGGGGAGGGAAGGCCGGAAGGGGAAAAGGGGCCGCGGGGAAAAAGG GAAAGAAAGAAGGGACCCCAAGGAAGGGGCCAGGGGGGGGGAAAGGGAA AGGAAGGGGAAAGAAGGAAGAACCAACCGGAAAAAGAAAAAGAAAAAACA AAAAGGAAGAGGGAAGGGGGAAAAGAAAAAGGAAAAAAGGGAAACAAAGA AGGAACCAAGAAGGAAGAAAGGAGAGAGAGACGAAGAGGGGGAAAGGGAG GGAGGGGGCCGGGGGGAGCCGGACAACCGGAAAAGGGAAAGGAAGGAGG GGGCCGAAGAAGGACGGAAGGACAGGAAAGGAAGAGGACAGGAGACCAGG GCCGGAAGGAAGGGGAAAAGAGAGGGGGAACAAAAGGAAAAACAAAGCCG GCCAAAAGGGGGGGGGGAAAGACGGGGAAGAGAAAGGGGAGGAACGACA AAGAGGGAAAGGAGACAAAAGAGGGGAAAAAGGAAAGACAAGGGAAGGAA GAAACCAACCGAGAGAGGAAGGAAGAAACACCCCGGAGGGAGAGGAACGG AAGGAAGGGGGAACACGGGGGGAAAAGAAGGGGGGGGGAAAAGGCCAAG GAAGGACAAGGGGGGAGCAAAAGGGAAGGAAGAAATTGGGGAAAAAAAAA AGGAGAAGGGGGGAACCAAAACCGAGAAAAAAGACCCAGCCCCAGAAGGA AGGGGAAAAGGGAGGGGGGGGAAAAGAACAGAAAGGAAGAGGAAAGGAA AAGGGAGGAAAAGAAGACAACGGGGGAGAAAACAGGAGAGGAGACCAGAG TAAAAAAAAAATTACCAAACAGCCGAAGAGGGTACCGGGAAAAAAAAGGG GACCGGAGGAAGGGAAAAATAAGAAAGGAAGAGAGGAAGGAACAAGAGCA AACCAAGGAAGGGGGGAAGGAAGGGGGGAGCCGGAAGGGAAGGGGAAGG AA G GAGAAGGAAAGGAAAGGAGGAAGGGGAAGGGGAAGAGGGAAAAGGG GGAAGGAAAGAGGGGAGGAAAAAAGGGGGGAGAGCCAAACAAGGAGCCGA GGGGAAGGGGAGGGAAAAAAAAAAGGGAAAGGGGAAGGAGGGCCAAGGC CGGGAGGGACAGGAAAAGAAAGAAACCGGCATAAAAGAAGAAAGGAAGGG GGGAAAAAAGGGGAGGGGGAAAAGAGAAGAGACAGAGCCAAGGCCAGCAA AGGCCACAGGAGGGGAGAGGGGGAAGGAAAGAAAGCCGGAGGGGGGGAG GGGAGGTTGGGGGGGGAGAGCAAACCCAAAAGAAAAAACCGGAGGGGGG AGGAAACAAAAGGAGAAGGGGGGGGAGGAGGAAAAGAGGGGAAAAAGAAC ACCAGGGAAAAAAAAGGGGGCGGGGAAAAGGAAAGCCAAGAAAGAAAGAA GAGGGCCAAGACAGAAACCCAAGGAAAGAGGGGGGAGGGGGAAAAACGCG GGGAAGGAGAAGAAAGGGGGACCGGGAAACGAAAGGAAGGAAGGGCACAA AAAGGAAGAAGCACAGGGAAAGGGGGAGGGGGAGAGAAAGGAGAGCAAC GAGAAAAAAAGACCGAAGGGAAGAGAAAGGACACATGAAGGAACGAGGGA GGCAGAAGGAGAAAGGGGAAAAGAAAGGAGGAGACAGAGAAGGGAGGGA AAAAAAAGAGAGGAAAAGGAATTCCCCGGGGAACAACCCAGCCAGCGGGG AACAGAAGAGAAGAGCACGAAAGGGGACCCCGGAACAGGAAAAAAAAGGA GGGGAGGGGAGGGAGAAAGGAAGGGGGAAAAGGGGGGAAGGGGCCAAGG GGGGGGCCAAGGAAGGAAGAAAGGGGAAGGAGGCATACGGAAGGAAGGA AGACCACAGAGGGGAGGGGCCAACCAAGGGGGGAGAAGGAAGGCAAGAG GAGGCAAAAAGAAGGGAACAGGGGGGAAGGTTAACACAGAAAGGAAAAGG CAAAGAGGCCAGAAAGAGCCGGGGGGGAAGCCCAGAAGAAAGAACCGGCC AAAAGGCCAAACAGGGAAAGAGCCAAGGGGGGGGGGGGCCGGGGGGAAG GGGCAAAGGGGAAGGAAAACCGGAACAGGGGGGGGAACGCCAGAAAGAAG GCCAGGGAAAAGAGGGAAGGGGGAGGGAGAAGGAGGGGGGGGGGATTAA GGAACCGGGAAGACAGAGACAGGAGGGAAGAGAGGAGAAGACGGGAAAG GACGGCAGGAAGAAACCAAGGAAACAAAAAGGGAGGGAAGGGGGGGGCCG GCAAGGAAGGGGGAAAAAGCAGGAAAACAAACCAGGGGGAAGGCCAAGGG GGGGAGGGGGGAAAAAAAGAGGGCCGGGGGGGGGGAGAGGGGGAAAGGG GGGAGGGGAAAGGGAAAAAAGGAACAAGGGGGCCAAAAGAAAAAGAGGCA CCGGGATTCCAAAAGGGGAAAAGGAGGGAGGGGGGGAGAGGAGAGGAAC CCCGGCCGGGGAAGGAAGCAAAGAAGGAGAGGGGGAAGGAGAGGGCCAA GGAAGGAAGGGGAAAAGGGGGGAAAAAAAGCCGAAAAACATTACGGGCGA AAAAGGGGAAAAGGGAAGGAACAATAGGAGAGAAGAGAGAGAACAAGGGA AGAAGGAAGGAGAAGGAAGGGGGGAAAAAAGAAGAGGAAGGGGAGGAAC AAGGGGGAAGGGAGAGGCCGAAGGGGGAAAAGGAAAAAAGGACAGGGGA CGAAAGGAGAAGGGAGAGAGAAAGGGGGGGGGAGAGGGAAGGGGAAAAA GGGACGGCCAAAGGAGGCCGACCGGGGAGGGAAAGGGAAGGGGAAAAAA AA $\operatorname{A}$ GGGAAGAAGAGAGGGAGGGGGGGGGCCAAGGAAGAAGGGGGGGCAC

CGGAGAGGGGAGGAAAAAAGGCCGACCGGAAAACCAGGGCCGGAGAAGGG G G GAA $\operatorname{A}$ GGGGGGGGAAAGGCCACACGAGAGAAAAAACGAAGGGAACCAGA ACGAAAGGAGAAGGAAAAGACAAAAAGGGCAAAAAGGGGAAGGGGAAACA GAAAGGGAGGGGGCCGACAGAAGGAAGCCAAAAGACAAGGGGAAGAACCG GAGGAA GAGGGGGAGGGAAAAGGAGAGGGGGGGCCGGGGAAGGGGGGGG G G G GAGGAAAGGAGAGGAGGAAAGGAAAGGTTAAGAAGGGGGGGAAAAG
 AACCAGCGGAAAAAAAGGAAAAAAGGGACCGGAACAGGGAGAGGGAGGGA GGGGCCAGAAAGGAGGCAAAAAGAGAAGCAAGAAGGAAAAGGAAGGGGGA ACAACAGGCCGAAAGGGGAGGGGGCACCAAAAAAAAGGGGGGGGAAGGTT G G G G G G G G G G G G A A A A G GAAAAGGAAGGGGGGAAGGAAAAAAAAAAAAC CGGAAAAGGGGAAAACCGGAAGGAAAAAAGGGGGGCCGGGGGGGGGGAA G G G G G GCCAAAAAAGGAAAACCAAGGGGGGGGGGGGAAAAAAAAACAAGG GGAAAAGGAACCGGCCGGAAGGGGAAGGGGAAGGAAGGGGAAAAAAAAAA GGAAAAGGAAGGGGGGCCGGAAGGCCAAAAGGGGGGAAGGGGGGGGAAA AAAGGAAAAAAAAAAAAGGAAGGGGAAGGGGGGGGGGGGAAAAGGGGAA GGAAGGAAAACCAACCGGAAAAAAAAGGAAAAGGCCAAAAGGAAGGGGGG CCGGGGAAGGAAGGAAAAAAGGGGGGAAGGAAAAGGGGAAGGAAAAGGG G G G G G G G G GAAAACCAAAAGGGGGGAAGGGGAAAAAAAAAACCGGAAAAG GAAGGGAGGGAAGAGCATAGGGGTTGGAAAAGGAGAAGGGAAAGACCGG AA $\operatorname{G} \operatorname{GGGGAAAGGGGAGAACACAGAAGGAAAAGGAAAGGAACCAGGGGGG}$ GCCCCGGGGAAAAAAAAGGAGAACCGGGAAAAAGAAAGGAGAGAAAAGGT TGGCCAGAGAAGGGGGAGGAGAAGGAAGGCCACGAATAGGGGGAAGGAG GAAAGAGGAAGGAACCGGGAGAAGAATTGGACAAGGGAAAGAAAACAAAA AA $\operatorname{G}$ GGGGGGGAAAGGGGAAAAAGAGGAAAAAAGGGGAAAAAGAACCGGG G G G A A G G G G G AAA G G GAAAAAGGAGCCAAGAGGAAAGGGAAGGCAAAGG AGAAGAAGGGCCGGAAAGAGGAAAAAGGAAAGCAAAGGAAGGCCAAAGGG ACGGGGGAACGGGCAAGGGGAGGGGGGAAAGGGGGGGGGGCCGGAGAGG
 AA G GACAAGAAGCAGGAAAAGAAAGGAAGGAAGAGGGGGACAGAGAAAGG AAGAACTTCCGGGGGGAAGAGAGAAAAAAAGAGAAAAAAAGGAGCAACCA AA G GAAAAGGGAGGGGAAGGGGGAGGAGCAGAGGAGAGAAAACCGGGAG GCCCAAAAGGGAAAGGAAAGGAAGAGAAAGACCAGGGAAAAGACAGAAGA GGAAACCGGGGAACCAAAAAAGGAAAAGGGGCCGGAGAAAAGGGAAAAGA A G GAAGGGGAGAGGGGAAAGAAAGAGGCCGGAAAGGGAGGGAAAACCGG AGGGAAAAAGAGGGAAGGGGGGGGAAGGGGAGGGGAAAAATTACAGAAA ACAAAAGAGAAAGCAGACAAGAGGGAGGACGAAAGAGAGCGAGAAAGGGA G GAGGAGCCGAAGGAAGAGAAGGGGAAAAACAAGAAAAGGAGGGAACCCG AACGAGGAGGGGGGGCAAGGGAAGGAAAGAGGAAGAAGAGGGGAAGGAA AAAAGGAAGAGGAGGACCCGGAAAGGAAAAGGGGCCGAGAACAAAAAAAC AGAAAAAAGGAAAAAAAAAGCCGGGGCCGGGGGGAACCAAAAGGGGGGGG CAAACCGGCCAAAGGGCCAACCAGAGCCGGAGGGGGAAAGAGCCCCAAGG CCAAGGAAGGAAGGAGAGAGAAAGAGAGAGAAAGAAGAAACCGAGAAAGG A G G GCCGGGGGGGGCCGAAGGAAGGAAGGAGGGGAGGAAAAGAAGGCCA AGGGAGGAGAGAGAAGGGGAACCAAGGAAAAGGGGAAAGGGGGAAAAAG AGAAAAAAGGAAAAGAGATTGGAGCAACCCAAAGGAGAGAAAAAGGAAAA G GAGGAGAAGGGGGCCAAGAGAAGGAAACACCGAAGCAGGGGCAAGAAAA AGGGGGAGAAAAAGGGAAGAAAAACCGGAAAAGAGGGGAGAGGGAAAAGG G G G G G G G G ACAAGGACAAAAGAAAGGGGGGCCGGAACCGGAACCAAAAAA GGGAAATTAACCACGAGACCAAAAGGAGAAAAAAATCCCCGAGGAAAGGG CСTTGGGGGGAAGGAAAAAAAAAAGGCCAAGGAAAGGGGAGAGAGAGGCA GGGAAAGGGGAAGGGGAAGGCCGGGGGAAAGGAAAAAAACACAACCGAAA GAAGAAAGAAAGAGAACAAGGGGAGAGACCCCCACAGGCAGGGAGGGAGA CCAAAGGAGGGGGGCCGGAGGGGGGGAAAAGGAAAGAAACGAGAACAGA GGGCCAGCACACCAACCGAGGCCGGAAAAGAAGAAGAACGGGGAGAAACA AAAGATAAAAGGAGGAGGAAAGGGGCCAGAAAAGAAAGGAGAACCAGAAG GCCGAGGGGGGTTAGAGGAAGGAACGGGGAGAGAAGGAAAGAGAAGGGG CCGAGAGGCAAGAGAGGAAAAAAAAAGAGAAACCCCAAGGGGAAAGGGGG AAGGGGGAAAGAAAGAGGGGCACAAAAGACGAAGCCAGAGGACCCAGGAA GAGAAGGGAGAAGGGAAAGGAGGAGAGAGGGGCCGAAAGGAACAAGAGA AAAAGGGAGGAAAGGAGGAAAGAGGGACCGGGGAGCAGAAGACCCGGGG

GGAAAAGACAAAAACAAGAACCACCAAACAGAAGGGGGTTAAGGCCGGAG GGAAAAGGGAGGAAGGAGGGCAGAGGGAAAGGAGAAGAGAAGAGGGGAG AAGAGAGATGAGAACGGAAAAGGGGAAGAGGGAAAGAAGAGGAAGAAAAC CGGAAGGGGGGAAGAAAGGAGAAATAAAGGAAGAGAAAAGAGAAAAAGGG GAACAAGACAAGGCGGGAAGGGAGGGGCCAAAGACAGGAAGGGGAAAGG G GAAGGGGAAAAAAGGGGAAGACAATCAGAGGAGGAGGGGAAGGAAGGA GAAGGAAAAGGGGAAACACAAAAAAAAAAAAAACCAGAGGAAAGGAGAAA AGGAAGGGACAAGGAAAAAAAACGGAAAAGGGGCGAAAAAAGAGGGGAAA AAGGGGGAAAAGGAAAGAGGGAAAGGGAACAAGCCAAAAAAGGGGAAGAA TGGGGGAGGGGAAGGGAGAGAGGAAGAAGAGGAGGGGAACCGGAAAAGA GGCCGGAGGGGAGAACACATAGAAAGGGAAAATTAAGGAGCAGGGGAAGG ACGGGGGGGGCCGGAGAAAGCAAACCGGAAGAGAAACCGGAGGGACAGAG AAGAAACCAAGGGGAAGGCCAACCAGCCAGAGAAAGGAAAGGAGAAGAAA GGGGAAAAAGGAGAAAGAGGGGCAGAAGAAAAGGGGAGAGAAGGGACCA GAAAAGGAAGGCCAGAAGGGAGGAAGGAAGGGAAAGGAAGGGGAGGGGA GAGGACCCAGAAGGAAAACCAAAAACGGGGGGGGGGAAAAGGAACCAAGG AAGGAACCGAAAAACCAAGAAAGAGAAACCCCGGGGACAGCAAAAAAAAG G GAACCCAGGGGGGAGGGGGAAAAGGAAGAGGAAAGGGAAAAAGAGGGA A G G G G G G A AAAAGGAAAAGCAGGAAGGAAACGAAAAAGGGGAGGGAGAAA AAAAAAAGGGGAAAAGAGAACCAGGCCGAGGGGGGAAAGAAGGCAGGGAG ACAGGAACCAGAAAGAGGACCAGGGCCAAAGGAAACAGGACAGGAACGAA
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AAAGGGACGAGGCAGAGGGGGGGGGGAAGAGGGAAGGGGAAGAGGGGAG AGAAAAGGGGAGAAGGAAAAAAAAAAAAAGGAGGAAAAAGGAGGGGAGAA GGGGAGAAATAAGGAGAAAAGGCCACAGAGAAAATTGACCGAAAGGAAAG AAAACCAAAAGAAGGAGAGGAAGGAACAGGCCAGGGAGGAAGGGGGACAA AAGACCAACCAACAGGAAGGGAGAGGGGAAAAAACAAGGGGGCACACCAA G GAACCGAAAGGCCGGGGGGCCAACCGGGGAAGGGGAAAAAAAAAAAAGG AAAAAAGGGGAAGGAAAGAGGGCCAACGAAAACCGAAGAGAAAGAGGAGG GAGGGACCAGCAGGACAAAAGAAAGGAAAGAGGAGGACAGAAAGGGGGGG CAAAGGCGCCAGGAGGAAAAAGAAAACCAAGGGGGGGGAATTAAGGGGGA ATGGCCAACAGGGAAAGACGGACCAAGGAAAAGGAGCCGAGAGGGGGGGG GGAAAGAAGGGGAGAGAAAAGGAAAAGAGAAGAAAACGAACCGAAAGGAA AAAAGGAAGGAAGGAGGAACAGGGGGAAGGGGCCGGAACAGGAAAGGGA ACCAAAGAGGAAGGAAGGGAAGAGACCTTAAGAAGACAAAAGGGACCAGA AGGAAGGGAGGGAACAACAAGGAGGAACCGGGGGGAAAGAAGGGCGAGA AA G G GAGAGACAAGGGGAGGCCCAAGAACAGAGGAGGGAAGGAAGGCCG GAGGGCAGGGGAGAGGGCAAAGAGGAAAGGAAAGGGGAAGAGGGGGGGG AA $\ln \operatorname{GGGAGAAAGAGGGAAAAGGCCAAGGAAGGAAGGAACCAAAAGGAAGG}$ AAAACCCAGAGGGGGGGGAGTAAAAAGGGAGGGGAGAAAGAGAACCGGAG G G A G G G G G A G A G G G GAA $A$ AA G G G GACAAAGGGGGCCGGAGAAGGAGAGA CAGGAAAGAGGGGGGAAAGCCCCGGAAGGAAGGCCAAGGAACCAACCGGG GAAAAGGAAAACCAACCAACCAGAGGGAAGACAGACAGGGGAACCAAAAA AGGGGAAGGGGAAGAAAAGCCGGAACCGGGAAAGGGGACAAGGCCAGAAG GAGGGAAAGAGGAACAACAAGGGGGAAGGACAAAAGGGAGGGGGGGGAA GGGACCGGAAAAGGCCAGGGAAAAAGGAAGGGGGGGAGAGGGGAAAGGA AGGAAGGAAAAGAAAGGGGGAAAAAAAGGAGAAAAGGCCGGAAGACCGAA GATAGGAGAGGGGAAGGTTAACCCAGAGGACAGAGAAGGAAAAGGCAAGA CAAACCAAAGGGGAGAAGGGGGAGAGGCCGGAGGGAAAAGGGAGGAAGA GGAAAAAGAAGGGGAAAAAAAAAGGGAAGGCCGGCCAGGGGGGGGGAAG G G G G GAGGATTACAAGGGGGGGGGGGAGGGGGGGGAAACAAGGGGAGAG GGAAAAAAGGAGGGGGGGCAACAAGGAACCACGGAAGGCAAACCGAAGAA GGGAGAGAAACGAGCCAGGGGAAGCCAACCAAGGAAAAGGAAAGCCAGGG A G G GCCAA G G G G G G G A A A GAGAGGCCGGGGGGGAAGCCGAAAGGGGCCA A G G G G G G A A G G G G G G A A G G G G A A A G G GAGAGAGACAGGGGGGAGGAAAG G G GAAAAGGGGAACGGGGGGGAAGAGAGGGCAAGCAAGAGGAGGACGAG GAGGAAGGGAGAAGGCCGGAAGGGAGAGGGAGAAGAAGAGGAAAGGGGG AAAAAAAAAAACAGGAGGGAAGAGGGGGAAACGGAAGGAAGGAAAATTGG GGAAAGAGAGGAAGAAAGAGGGAAACAAAAGGGGACGGGGGGAAAAGGG GCCGGGGCCGGGACCCCAAAAGGGGAAGGGGGGGGGGAAGAGGGAGGGG AA GAAGGGAGGAGGGAAGAAAATTCCAGAAAAGGCCAGACAAGAGAAAGG A G G G A A G GA G G G G G G GCCGGGGAAAAGGAAAAGGAACCAAAAGGGGGAA AAAAGAAGGGAAAAGGGAGAGGAAGAGGACCAAAGGAACGGCCAGGGAAC CAAGGAGGGAGCCGGGGAAAGAGAGAGGGGGCCAAAGAGAAAGGAGGCC GGCCAGGGAAGGAAAAGAGGGAGAAGCCAGAGGGCCGGGGAACCGAAGG GTTAAAACAGGAAGAAGAAAGAGAGGGAGGGGGAAAGAGACAGGGAAAAA AGGGGGAAAAAAAAAGGAAGGGGGCAGTTAAGGGGAAAAAAGGGGAAAAG GGGGAAGAAGAAGGAAGGAAAAAGGAGCCAACAGGGGCAGGAGACAGACA AAAGAGAAGACCCAAGGGGGAGAAGGGGGAAAAAAAAAAACGGGGAAAGG AA $A$ AA G GAAGAGAGGAAAGAAAGGGGGGGAAGAAGGAGGCAAACCGGGG GGGGGGAGACAAAACCACGAAGAGGAGAGGCCAGAGGGGGGGGGAAAAA AGGAAGGCCGAAATAGAAGGGAAAGACGGGAGGAGGAAGAAGGAACGAAA AAAGAAGACGGAAAAGAACGAGGCACCCCACAGACGGAGAAGGAAAGGGG G G AAAAAGGGGAAGAGAAGAAGAAAGGCAGGGGAAGGGGGGGAAGAAAA GGAGAAAAAGGGAACACAGAAAGGCCAACCAAGGGAAAAAAAGGGGAGAA AAGAAAAAGGACCCGGGAAAGAGGGGCCAAAGCAAGGGACAAAAAGAACA G GAAGGCAGAGGGGAAGAGGACAAGAAGAGGCATAGAAGAAAAAAAGGGG G G GA A G G G G G G G G G G GTTGAGGGGGGGGAACCGGGGGGGGAAGAGGAAG G G A G G A G G GAAGAAAGGCGTTAAGAGAAGAAAGGGGAGGAATTACAACCA AGGAGGGGGAGAAGGAAGGAAAAAAAAAAGGAAAAGGGGAAAAAAAAGGG GGAACAAAAAAGAAAAAAGAAAGGAGAACAAAAAAAAAAAAAGGAGAAAC CGAGGAGAAGGGAAACCGACCAGCCAAGGGGAAAAAAGAGAGGGAGGGGG AAGCAACGAAACAAGAGAAAAAGGGCCGGCCGGGGGGAAAAAAGGAAGGG

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A A A G G G G GCCGGCCAGGGGGCCGGGAGGAGGGGGGGGGGGAAGACCATA GAA G GCCAAGGGGGGGGAAGGCCAGGGGACGCACCAAGGGAGGGGGGCC G GAA G G G G G GAAGAAGAGAGAAAAGGGGAGAAAAAAGAAGCACCGGAAAA A GAAAGGAGAAAGGAGGGAAGAACAGAGTAGAGAGGAAAAAAGGGGAAAA AA G GCCAAGGAGAAGGGGGGAGAGAGGAGACCAGAAGGAGGGGAAGCCC CGGAGAAAGCAAAGGGGGGGAAGGAAGAGGGGGAGAAAAGAAGGAGACA G GCCACGGACCCGGGGAGGGGGCAGGGGAAAAGGGGCCAGGGAAAGCCC CAGAAAAAAACGACAAGGGGAGGCAGGGGAGCAGGAGGGAAACAGAAGGG GAAAGAGAGAGGGAACCAGAAGAGAAAGGGGCAAAGGAAGAAGAAAAGGA AAAGGGGGGAAAAGGGGAAGGGGAAAAAAAAAGAAAGGGAAGGAGGGGA A G G G G AA GAACCAAGAAAAAGGAAAAAAAAGGCAGGGAGAAGGGAGAAGG AAGGCAAACAGGACGGGGGGAAGGAGGAGGGGAGGGAAGGCCAAAGAGG GGGGAGGAGAAGGAGGGAACAGAGGAACAGAAGAAAAACAAGGGGCAGAA AGAAGAGAAAGAGACCCAACCAAGGACGGCCGGTTGGGGGGGGGGAAAAG GAAGGGAGGGAGGAGGGAGGGGAGAGAAAAAAAGAAGAAGGGGAAGGAA G G G G G A GAGAAGAAGGGGGGACCCCCGGGGGAGGAAAAGAAGAAGGAAG GGGAAAAGAAAAAAGAGGGAAAAAGAACCGGGGAAGGAGGGCCAGGGGGA G G G GAA G GAAGGAGACCAGAATAAGACAGGGGGGGAGCCGGAAGAGGAT AAGGAAGGAAAAAAAAACAGAAACAGAGGGGGAGAAAACCAAGGAGAGAA CCGGAAGAGAGAAGGAAAGGAGAAACAAAAAGCCGAAAAAAACAAAAAGA G GAAGGAACCAAAAGGGGGGAAAACCAAAAAACCAAGAGGAAAAGAGAGG AA G GAAGGAGAAAAGGAAGGGGGGGGGGGGGGGGGAACGGAAGGGGGAG G G G G GAA $\operatorname{G} \operatorname{GGGGAAAACAAGGGGAACAGGAAAAAACAAAAAAAAAAAAAA~}$ AGGGAGACAAGGAGGGAAGAGAAAGAAAGAAGAGAAGGGGACCCAAAGAA AAACCGGGAGGGGGGAGACGGCAGGGGCCAAGGGAAAGGAAGGAAGAAA AGGGAAAAGGAGGGAAAAGGAAAAGGAAGGGGAAAAAAGAAGACAGGGAG GGAAAAAGGAACAGCCGGGAGGAAAAAAAAAGGGAAGGAAGGAAGGAAAA AAGGAAAAGGGGAAAAAAAAAAGGGGAACCCCAAGGAAAAAAGGAAGGCC GGAAGGAAAAAAGGCCAGAGGAAAAAAGGGAAGACAAAAGAAGGAGAAGA CCGGAAGGGGGGAAGGAGGGGGGAAAGGGGAACAAAGGGGGGAACAAAG A G G G GAACCGGGGGGAAAAGGGGGGAAAAGGAAAAGGGGGGCCGGACCG GAAGAAGGGGAAGGAAAAGGGAGGAAGGAACCAGACCCGGAAGGGGATAG AGGAAAAAGGAAGGGGGGCCAAGGAAGGAAAACCAAGGCCGGAGAGCAGA AAAAGGAACCCAGAAGAAAAAGGGACAGACAAAAAGAAAGGACAAGGAAA GGGAGAAGAGAGAAAACCGGAGGAGCCCAGCAGGTAAAACAAACGAGGAG AGGAAGCCCAAAAAGGAAGGAAGGCCAAGGGGGGGGGGAGGAGGAAAAG GAAAAGGGAGGAAGGAGAAAGAGAGCCGAGGGGCAAGAAACGGCAAGAGG AAAGGGGAAAAGGCCACGGAAGGCCAAGACCGAGGGGGGGGGGGGGGCA GACCGGCAAAGGGGGGGAAAAAAAAAAAAGCAAGGGGGCACCAAGAGAAG ACATAGAACAACAAAAGGTTAAATGAAAAAAAGAAAAAAAGGGAAGAGGA GAGGAGCAGAGGAAAGAAAAAAAGGGGAAACCGGCCAAAAGAGGCCACGG G G A GAAAAGGAAAAGGGGGGAAAATTGAGGAGACAGAAGGCCGCCCGGCC GGAGAAGAAAAACGCCAAAAGGTTCCACAAGAAGCCCCAAAAAAGGACGG ACAGAGGGAGGACCAGCAAGGACCGGAAGAAGGACCAGTAAAAGAGAAAG GAAAGGAAGGAAAACAAGGGCAGGAAAAGGAAAGGAGGAAAGAGGGGAGG AAAGGGGAGGGAGGCCAGAAAAGGAAAACCAGGAGAGGCCGGGGTTGGCC GGAACCAGAAGAAAAACCAAAAAAAAGGAGGAAAAGAGAGAAAAAAGAGG GGAATTAAGGAGAGGAAGAAGGGGGGAAGGAAGGAAAGAAAAAGAAAACA G G G G G G A A A GAGCCGGGGAACCGGAAGGGGAAAAGGGGAGAATAGAGAA GAAAACCAAGGAAGGAAGGAAAAGGAAAAGAAGATAGGAAGGACCCGGGC CAAAA G G G G G G G G G G G G A A G G A A A A G G G G G G G G A A A A G GAGGGGGAAAA AA G GAGGGGAAAAAAAAAAGGGGGGGAAGGAGGGGAAAGAAAGAAGCCAA G GCCGGGGAGGAGGAAGAGGGAGGAACCAAAGAGGACCAACCAACAGAGA GGAAATAGTTGAAAGAAAAGAAAAGGAAGGCCAAGGAATTAAAAAAGGGG G G G G G G G G CCGGGGGGAAAAGGAAGGGGGGGGAAAAAAACCAAGGGGGGG GCCCCAAGGGGGGAAAAAAAGGGGGACGACCAAGACAAGACCAAAAAACG GGGAAAAAGAACCGGAAAACCAAGGCCAAGGAAAAAGAGAGGAAGAGAGA GAAAGAAGACAAAGGAGGGAACCGGAGGGAAAACCAGCACAGGAAAAGCG GAAAGGGCCGGAGGGAAGGCAGAGGAAAGGGAAGGAAAAGGAAGAAAGG GGCCAAGGGGAGGGCCACACAAAAAAAAAAGGGGCAGAGGGGCCAAGGGG ACGGGAGGAACCAACCCCCACCGGAAGGAAAAGAAGAAAACCAGGGGGAA

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 AA $\operatorname{la} A A A A \operatorname{A} C C C G G G G G C A G A G A G G G G G G G G G G G G G G A A G G A G A A A C C C ~$ CCGAAGAAAGGACCCACAAGGGAGCCAAAAAACCAAGGGGGGGGAAGGAG GG G GAA $\operatorname{G}$ GGGAAGGGGCCGAGGAAAAAAAGAAGGGGGAGATTGAAAGGA AA GAAGAGAGAGGAAGGGGAAGGAGAAATAAAAAGAGGGAAAAGAGAAAC AAGAAAGAAGAAACCACGACCAGAAAAGGAAGGGAAAGGAGGGAAAAACA GCCAAGAAAAAAAGGGGAGAGGGAGCCAAGGAACCGGGAGGGAAAGAACA AA $\operatorname{A} A C G G G G G G A A A A C C A A A A C C G G G G G G G G G A A G A G G A G G G G G G T A A A$ AAAAAAGAAGGAAACCAAGGGGGGAAGGAAGGATCGAAAAGAGGACAAGG AAAAGGGGAAACAAGGAGAGGAAGAAAGGAAGAAGGGAAGAGAGGGAGCC GAAGAAGAGGAAAAAGGAGAAGGAGAAAAAGGGAAGAAGGCAAGGGCAGA AAAATAGAAAAAAGGAAGAGCCGGAGGGAACCGGAAGGGGGGGGGATTTA AA $\operatorname{l}$ GGGAGAACAGAGGCCAGGGAAAGGGAGAAGGAGAGGGAGCAAGGAC AACGGGGCCAAAAGGAAGAGAAGAAGGAAAAAAGGAAGGGAAAAAAACCC AA GAAGAACAGGGAAGGCCAAGGGGAAAAGGAAGGGGGGAAGGAAAAAAA ACCAAGGAAGGAGAGGAAGCCACGGGAAGACGGTTAAGAAAAGGAGGAGA ACCGGGGGGAGCCAGAGCAAAAGGGGGGAAGGAGAAGGGAAAGGGGGGC AAACCAACACGGAACCTAGGGGGAAGAAAAAGAAAGGGGATTAAAAGGAG AA G G GAA G G GAAAAAGGAGGAACAGGAGAAGGAGAAGGGGGGAAGGAAG GAAAAAGGGGGAAGGAAGAAACCGGACGAGAGGGGGGAAAATTAACCGGA AAACCAGGAGGGGCAGGGGAAAGCCAAGGAAGGAAGAAAGAAAGAATAGA GGGAAGGACGGAAAAGAGGAGAACCGGGAAAAAGGAGACGGAAAAGGGG GGACCCGAAGAAGAAGGGAAAGGGGAGGGGACAGCAAAGGAAGGGGGGA AGGAACAAAGGAACACCAAGGGAAAGGGAGAAGCAAGGAACGAGAAAGAA AAAAAAAGGGGAAAACACCAACCAGAAGAGGGGAGAGAAGGGAAAGGGGG GGGGACCGGGAAGAAAAGGACAGGGAAACGGAGAGGGACGAGGGGAGGA GGAGAGAGAAAGAAGAAGGGGGAAAGAAGGCCAACCGGAAAAGGAAGGGG AAAAAAGGGGGGAAAAAAGGGGAAGGGGGGAAGGAAGGCCGGAAAAGGA A G G G GCCGGGGAAGGGGAAGGCCGGGGGGGGAAAAAAGGAACCAAGGAA G GAA $\ln \operatorname{G} \operatorname{GCCCGGGGAAGGGGGGCCAAAGAAAGAGGGAAGGAAAGAAAAA}$ AAAACCCAGAGACGGGAAGAGGAGAAAGGCCAGAAGAGAAACGAGGAGGG G GCAA G GACAAGGGGGGCCGAGCAAAAGGAGAGGGAGAGGGAGGGCCGG AAAGGAGGAGGGAAGGAACCAAAAAGGGAGAAAGCCAGAAGGGGAAAAAG ATGGGGAACCAAGGAGAGAGGAACCGGGAGACACAAACAACAAAGGGGAA CAGGAGAGGGGGAAAATACAAAACCCAAAAGAGGAACAAGCCGGAAAAGG AGAAGAAAAAGAAAGGAAACGGAAAGGAGGGAGAGGAAGACCCCAAGGAG GGGGGGACAAAGACAAGAAGGAGAGAAGGAAAACGGCCAAGGCCGGGGG GGGAACACAAAACGGGGAAAGGAAGAAAGGGCGGGAAACAACAGAAGAAA A G G GAAAAAGGAAGGAAGAGGAGCCGGAACCGAAGAGGGAGGGGAGGAA AGGGGGAACCGGACAGGAGAGGAAAGGAAAGGAAACGGTTAAAAAAGGAG

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A GACGGGGGGGGGGGGCAAGAACCGGAAGGAAAGGGAGAAAAAGGGGAA AGAGGAACCAGAGAAAGAAAAGGGGAAAAGGAAAAGGAAAAGGAAGGGGA AAGGAACGGCCCGAGGGAGAGAAAGAAGGGGAAGGAAAGAAAAGGGGGA GGCCGGAAAAAGGGGGGGGGAGGGGGGAGGACAAGGAGAAAAAAAACAA GAGAGAAGGAAAGAAGGCCAAGGGGGGAAAAAACCAAGGAAAAGGGGCCC CAAGGAAAAGGGAGAAGGGGAGAAAGGGGAAAGGACCGGGGGGACCCAAA CGCCCAAGGAAAAGGAAGGAAAAAAAAAGGGAAGGGGGGCCAAAAGGAAA GGGAACCCCAGGGAACCGGAGGGGGGAAAACGAACAGGGAAAAAAAGGGG AAGAGGAAGAAAGTTCAGAGGAGAGGAAGACGAAGGGCCGGAGAGCCAGG GGGAAGGAAAAGGAGAGGGAAGAGGGGGGAAGGACAGCCGAGGAGAGAA GGAAAAAGGGAGAGAAAGAGAGAAAAGAAAGAGGAAGGAAGGGGAAGAAA AAGAGAAAAAGGGGGAGGAGAAAACCGGAAGGGGAGGGGGGAAAGCGGG GGGAAGGGAAGAGACGAGAAGGGGAAAAGAGAGGAACGGAAGAAAACCGG GAAGGAAGGGGAGCCGGCCGAAGAGGAAGAGAAAAGAGGAACCGAGGAG GGGGACGACGGACCAACCAAGAGGCCACGAAAAAGGGGCCCCGGCAGGGA GGCCAAAGGGAGAAGAAGAGGAGGGAAAGGGGAACAGAGGAAAGAAGGA GAGCCAAGGAGAAAAGGGGAAGGAAGGGGGGAAGGAAAAAAAAGGAACCG GAAGGGGGGGGAAGGCCGGGGAAAAAAAAGGAAAAAAGGAAGACCGGGAA AGGAGCCGAGGAGGGAAGGGGGGAAAAAAGGAAGGCCTTGGCCCCGGCC GGAAGGGGAAAAGGGGGGGGAAGGGGAACCGGGGAAAAGGAAGGAAAAG GGGAACCGGGGGGAAAAGGCCGGGGAAGGAAAAAAGGGGGGCCCCAAAG GGGAACGAAAGGGAGGACGAGGGGGAGGGAAGGGAAAGGGGGAAGGGGA AAAAGAAACAAAGGGGGGGGAGGGGGGACACAAAAAAAAATAGAGGACCA AGGGGAAGGAAAAAAGAGGAAGGAACCAGAAAAAGGGGCAGGGGGAAAAA A G GAACCAAGGGGAAAAGGTTGGTTAAGGAGGGAAGGGAGGGGAGAGGG AAAGGGTAGAAAGGAAAGGACCGGGGGACCAGAGGAGGAGAGAAAAAAAA AGGAAAAAAGGGAAAAAAGGAAGGGGGAGGGGGGGACAGAGCGAGGATA AAAAACCGGGAGGGGGAAAAAAACCGGGGGACCAAAGGGGGGGGAAGAGA CAACCCCAAGAAGGGAGCCCCACAAGGCCCCAAGAGGGGGGGGGAACAGA GAAAAAGGGCCACGGAACAGAAGAAAGCCCCGAGAAAGGAACCAGAGAAA AGGGGGGAGAAAACCGGGGAAAAGGGGAAGGAGGAACGGACAAGGACGA AA G G G GGAGGGGGAGGGGACGAGGGGAGGAAAGGAAAAAGAGGGAGAAG AAAAAAAAGCAAGGAGAGGGGCCACAACCGACAGAAAGGGGAACCGGAGG GGGAGGGGGCCCAAGAGGGGGGGAAAAGGAAAAGAAAAAAAAAAGGGAAA ACCAAGGAAAAGGGAGAGGCCCCAAGGACGGGACAGGCCAGAAAAGAGGG AAGAAGAGGAAGAAAAGAGGGAGACGGCAGGGGCCAAAACCAAAAAAAAG AAAACGGGGAAACGAAAACGGGGCCGGATAGGGAGGGAGAAGGAAAGGAA GGAAACCAAAAAAAACCCCCCAAAAGGAGGGGGCCAAGACCAAGGGGAAG GAGAGAAAAGGGGTTGGGGAAGAGAGAAAAAACGAGAACAGCAGAGAAGG GGGGGAGAAAGGACACCGAGGCAAACCAAGAAAGGGGAACCCCAGAAAAA AAAAAACAAAAGAAAGCGGAAGAAGAGGAAGAGGAAACCAGAGAGGGGGG GACTAAGAGAGGAGGGGCCGAGGAGAGAAAAGGAGAGAAAGAAGGGGAC GGAAGGGGGGGGGGAAGGGGAAGGGGGGGAAAAGGAGGCCCCAGGAGGA GAAGGAGGGCAGGCGAAGAACAGAAAGGAGAGGGACCAAAAAAGGAAAGA AGGAAGGAAGGGGAAGGCCGAAAAGAAAATACCGGCAGAAGCCATAGAAA GCCGGGGTAAAAACAGGGAGGAGGAGAAACAAAGGAAAACCAAAACCGGG GAAAACCGGAAAAGAGGAAGGGGAAAGGGAAAAGGGGAAAAGGGGGGGG AAAAAAAGTTGGGGAAGAAGCGGGAGGAGAGGAAGGAAGGAAAAGGAACC AAGGAAGGGCACAACCAGAGAAGAAAGGCAAAAAGGTTCCAACCCCGAGG GGGGCCACAGGAAGGACCAGCAAAGGAAGGAAAGGAGGAAGGAGGGCCAG AGAGGGGGGGGGAGAGGAGGAACCAAAAGGGAAGAAGGAGGAAACCAAAA GGCGGGGAGGGACCGGGGCCTTGGGAAACCGGAAAGGGAGAAGGAAAAG GAAAGAAAAGGCCGGGGGGAAAAAAGGAAGGAAAAAGACGGAGGGAGAGG AGAACACGAAGAACCGGCAAGAAGGAAGGGACAAAAAAAAAGGGGGAAGG AACGGAAGGGGAAGGACGGAAAAAAGAGGCCAAGAGGCCCAAGGGAGAAG GCAGGGGGGGAAGGGCCAGAAAAGGAAGAGAAAAGAAAAAGAAGGGGAAG AGGGGGGGGGGGGGGGAGGAAGGGGAAGGAGAACCGAGGGGAAAAGGGA AGCAGAGAGAGGGGGGGAAGGAGGGGGGCCAAAACCGACAAGAAAAGGAA GAGAGGGGGGAAGGAAGGAGACGAGGGGACGAACCCAACCAGACGGACGA GAAAGGAGGGAGGGAAGGAAGGACAAAAACGGGGGGAGAAGATTGGGAC CAGGGGGGACCGGGAAGGGGAGGCAGGCCCCCCAAAGGGACACCCGGCCG

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 G G G G G AAA $A$ AAA GCCAAGGGGAAGGCCGGAAGGAAGGGGGAGACACAGG CAGAGGAAGAAGACGGACGGGGAAGGAGAGAGAGGGAAGGGAAAGGGGA ACAACGGAGAAGAAGGGACCAGGAACCGCGAAGAAGGGAAGGGGGCACCG GAAAGGGAGAAGGGGAGCAAGGGGAAAGGACGGGGGGGGCCAGAGGAAG GGGGGGACGGGAAAGGGGCCAAGGAGGAAGAAAAAAAAGAAGGGGGGAA GGGAAGGAGGGGGGGAAGAGACAAAAGGAGGCCCCCCGGGGAAAAAGGG G G AAAAAAGGGGGGGGGGAACCAAAAAAAAGGAAAGGGCAGGAAAGGGAG AGGAGGAAGGGGGAAGCCAAGAAAAATAGGAGAAAAAAGGGGGGGGAAAA AGGGGAGAAAAAGGGGAGAAGAGGGGAAAAGGAGGGAAAAGACCAAGGAA CCAAAGGGGGAGAGGCAGAGAAGGGGGGGGGGGGAAGAGGGGAAGACCG GAGAAAAGGGGGGAAAAGGGGAAGAGGGAAAAGGAGGAAGCAGGGGAGG AAGGGGAAGGAAAGAAAGAGCCCCCGAGAGAGAGCCGACCAGGAAGGAGA ATGGAAGGGGGGAAAAGGGAAACCGGAGACAAGAGGAAAAGCAAAAAGGG GAGGCAGAGAAGCCAGAGGGCCGGAAAAGGGGAAAAAAGGGGCCAAGGG G G G G G CCGGGGGGGGGGGGAAAACCAAGGAAGGAAAAGGAAAAGGAAAA AACCAAAAGGGGCCGGGGAAAAAAAACCAAGGGAGAGGACGGCCAAAGAA CAACGGGGAGGAGGGAAAGGAGAAGGACAAAACCAAGGGGGGGAAAAACA AGGAAAAAAAGGCCCCCCAACCAAAGAAGGGAAAAAGGGGGGCCCCCCGA AGAAAGGAAGAAGCGGAAAACCGAGGGGAGCCAAGGAAAGCCGGAAACGG GGGGAAGGGGGGAGGGCCGGGAAGAAACAAAGACGGGGGGCCGGGGAAC AA $\operatorname{G} G \mathrm{G} G \mathrm{G} A \mathrm{GA} \mathrm{GGGGAA} \operatorname{GAAAAAGCCAGAAGGACGGAGCCGGAAACGAGGA}$ AAACACCAGGGAGGACCGAAAAGGAGGAGAGGAAGAAGGAAGGCCGAGGA GAGAGGGAAAAGGCCGGGGGGGGAAGAGAAGGGAAGGGAAAACTAGGGG CCAAGGAGGGAAGGAAAAAAGGAACAAAAAGACCGGCCAGGGGAAAGAAA AGAGGGAAGGAATAAGGAAAAGGGAAAGAGGAGAGGAAGGGGCCAAAAGG AGAGGGAGAAACCAGAGGCAGGGAAGAAAACCAAGGGGGGCCGGGGAAG GGGGGAAAAGGCCGGAAGGAAAAAAGGGGGGAAGGGGCCGGAAGGAAAA AAAAAAGGGGAAAAAAAAAAAGGGAAAAGGAAGAGGCCGGAAAGAAAAGG

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G G G A A G GCCAAGGGGGGGGGGGGGGGGGGAAAAAAAAGGGGAAAAGGGG AATTCCAAAAAAAAGGAAGGAAGGGGGGAAAAGGAACCCCAAAAAAAAAA AAGGCCAACCAAAAAAGGAAGGAAAACCAAAAAACCGGGGGGAAGGAAAA GGGGAAAAAAGGAAGGTTAAAAAAAACCAAAAGGAAGGGGGGGGAAGGGG G G G GAAGGGGCCCCGGAAAAGGGGCCAAGGTTAAAAAAGGGGAAAACCGG AAGGCCGGCCGGAAAAAAAAAAAAAAAAAAGGAAAAAAGGCCGGAAAAAA
 GCCGGAAGGCCGGGGGGGGGGAAGGCCGGCCGGAAGGAACCAAGGGGGG CCCCCCCCGGAACCCCAAGGGGGGCCCCAAAAGGAAAAGGAAAAGGGGGG AAAACCGGAAAAAAGGAAGGACGGAAGGGAGGGCAGAAGGAAAAGGGAGG GAACGGCCAAAAGAAAAAGAGGAAGGAAAAAGAGAAAAAACAACGGAGCC AGGAAAAAAAGGGGAGGGGGGGAGAGAGGGGAGGAGAACAGAGAGGAAA A G GAGGGTAGAAGAAGGGAAGGGAAGACAAGGGGGGAGGGAGGGGAGAA ACGAAACCGATACCGGAGAAGAGGGAAAGAGGGGGGGGAAAATAGAAAGA AGAGGGAATTCCAGAAAGAAAAGACCCCAAAGGGGGAGGGAAAACCGGGA AAACGACCAAGGAGAAGGGGTTCCGGGGAAGGAAGGGGAAAAAACCGGGG A GACGGAGAAAACCGGAGGGAGAGGGAGAAGAACGGACAAGGAGGGCCAA G GAA G GCAAAGGAAAAGGAAGGGGAACCGGAAGGGGAAGGCCCCAAGGGA AAAAGAGGAAGAGAAAGGGGAGAGGGAAGGAAAAGGGAAGGAAAACAAAA GGGGAAGGGAGAAAGGGGGGATGGCCAGGGGGAAAAAAGGAGAGACCAG GAAGGAAAAGGAGAGGACAAGAAGGGAAAAAAGAGGGAGACGGAAGAAGA A GAA G GAGGGGCGGGGAGATTAGGGAACCAAAAGGAAAAAAAAGGAACCA AAA A A G G AA G GGGAAAACCGGGGCCGGGGGGTTAAAAAAGGAGCCGACCA AGGCAAAAAGGACAAGAATAAAGGGGAATAACCGGCCAAAAAGGGGGAGG GAGAAAAAAAAGGGGGGGGAAAAAAAAGGAAAACCCAGGGAGGAGGGGAG GAAAAGGGGCCAGGGGGAAGAGGAAGCGGGAAGAGAAGGAACCGGAAGG AGGAGAAGGGGGAAGGCCGGGGGGGGGGAAGGAAAAAAAAAGGGGGGCCG GAAAAAACCGGAACCGGGGAAAAGGGGAAAAGGAAGGAAGGGGGGAAGG G GAAGGGGAAGGAAAAGGGGGGGGAAGGCCAAAAAAAAGGGGAAGGCCA AAAAACCGGAAGGGGGGAAGGGGGGAACCGGGGGGGGGGGGGGCCAACC AAAAAAGGAAGGCCAAAACCCGGGGGAGGGGGCCAAGGCCGGGGAGAGAG AGGGGAGGAGAGGGGACCACAACAAGGGGGAAGGAAAAGAACGACCAACC G G AA G GA GA GACAGGGAAGGAAAAAAGGAAAAGGAGGGGGGCAGGAGGG GAAGGAAGGAAGGAAAAGAAAAAAGGGAAGGAAAACCGGAAAAAGGAGAG GAGAAGGAAGAGGAGAAAGGGGGCAGAGGGAAAAGAAACCCAAGGAAGAG AAGGAGAAGGGAACCGGAAACGAAAGGAAACACGAGAGAGGGGAGCAGAA AGGAAGGGAAAGGGAAAGGGGGAGGGAGGAAGAAGAAAAACAAAAGGCCG AAAGGGGAAAGAAGAGGGGAAAAGAGGCCAAGACCAACCGGAACCAAAAG GAAGGAAGGGGGGCCGGGGAAGGGGAGCCGGGAACGGGGAGAGGAAAGG AA $\operatorname{l}$ GAAGGGAACGGACGAAGGGGGGAGAAAGAGGGGGGAGGGCCGGGGC CGGAAGGGGAAAGGGAAGGAAGGAGAAAAAAAAGGGGGAGGAGGAACAG AGGAGGACGGCAGGGAAGAAGAGGAAGAAAAAGAGACAGGGAAGACCGGG CCGACAAAGGAGGGGGAGAAGGAGAAAGCAAGCCAGAGAAAGAAAAGGAG GAAAAAGAAAAAACAGCCAGCCAAAAGGACGGCCAGGAAAAAGGGGCGAA GGGAAGGGAGGGGGAAAAAAGGGGGGAAAAGAGGGGAACCAAAGTAAGG G G GA $\operatorname{l}$ GGGGGGGGGGAAGGAGGGGAAAAAGGGAGACAAAGGGACAACAG G G G G G A G G G A G G A G G G G A G G G G A A G G G G G G A A G G G A GAGGGGAGAAAAA GGACCAAGGAGAGGGAGGGGGACAAAAGAACGGACAGGGGGCAAAAGGAA ACAAAAAAAAAAGGAAGAGCCAACCGGAAGGAACCCCGAAGGGAAAAGGA AAAGGAAAAAACAGGAAAAGGGGGGGGAAGGCCGGAAGGGAAGGGGGGG G G G GAAAAAAGGGGGGGAAAGGGGAAGAAAGGCCGGAAAAAAGGGGAAG GGGAAAAAGCAAGAAGGAGCCCCACAAGGAAAAAGGAAGACAGAAAGAAA AAGAAGGACGGAGAAACAAAGAGAGAGAAACGGAGGGGAAAACGGAGGGG GAAA $\operatorname{la} A \operatorname{CGGGAAAGAGGGAGAGGAAAGGGGGGAGGACCAAGAAGGGAC}$ A G GAA $A$ A GAGACGGGGGAAAGGTTGGGGAGGAGGGAGGGGAACCGGAAA GGGAGAAGAAGAAAAAGAAAAGGAGGACCAAGCAAAAGGGGAGGGACGGG GCCCCGGAAGGAAGGCAGGGGAAGGGGGAAGATGAGGAGGGAAAGGGGA GGGGGGTTAAGGGACCGGGGAAGGGGGGAAGAAGAGGAAAGGGGGGAGA GACGGAAAGCAAAAAGGGGAGAAAAGGAAACCCGAGGAAAGAAGGCCGGA GGGGGAGCCGGACAGAGAAAGGAAGAAAAGGGGAAACGGAACAGAAGAAG GACAAGCAGGGAAAAGGGGGAAGAAGGAAGGGGAACCGGGGGGGAAGAA

AAAGAGAGAAGGAAAAACAGAGAAGGAAGGGAGGGGAAAGAGAAAAAGAG GAGGGGAATAAAGGAGCAGGAAGGCCGAGGAAGGGGAAAACCAGGGAAAG GGAGGGAGCAAGGAAAAAAAAAGGGGAAAACCAAGGGGAGCAGACCGGAA AGGGACAAGGGGGAAGGAGAGGAAACGAGGAAAGGAAGGGACCAAGAGA GGGGGAGGAAGGGGGAAAAAGGGGGGGAAAAAAAAAAAAGGGGGGAAGG AAAGAGGGGAACGGAGGAGACCAAAAGGAAGGGGAAAGAAAGAGGGGGG AA G G G GGAGAAAAGGGGGGCAAGAGAGGGGGAAAAAAGGAAGAAGACAA GGCCAAAGGGGGAAGGCAGGAACCGGAAAAGGAAAGGGACGGCAGAGGG GGGGGGGCCGGCCAGAGAAGGAAGGAGGGAACAAAGGCCGAATCCGGAA GGGGAAAAAAAAAACAGAGATTAAGGGGAGGGGGGACCTTCCAAAAAAGG AAAGAGGAGAAACCGAAAGACAGGAGAAAAAAAACAAAGGCCGGAAGGCC AGGAGGGGGGCCGAAGGGAGAGGGAAAGGAGGCAAAGGAAAAGGGAAAG GAGAAAAAACCCCAACCACAGGGGGGGGGCAAGAAGCGGAAGGAGAAAAG GAAGGGGGGAAGAGGGGGGGGGAAAAAAATAAGCCGGAAGGGGGGAGAA AAGGAACCAAGGCAGGAAAAGGGGAACCGAAAGGCCAACCGACCAAAAGG AAGAAAAAGAGGAGAGAAAAAAGGAAAAAGACGGCCAGGAGGATAAAAGG AAGGAGCCCCGGAGGAAGAGGAAGAGGAAGAAGAGGAGGGGAAAAAAAAA GGGGGGGGCCAAGGGGAAGGGGAACCAAAAGGGGAAAAAAAAGGGGACA GGAAGGGAAGGCCAAAAAGGAACCCGGAAAACCGATAAGAAAAAAACGGG AGGAGGGAGAAAGAGGGGGAAGGAAGAAGACGACCACAAGGGGGGGGGG AAAAAAGAGGGCCAGAGGGAAGGAGGGAAAAGGGGAAAGAAAGACCAACC
 CAGGAGGAAGGAAAAGGAGGAAACCGAGGAACCGAGGAAAACCGGAAAAG AAACGCGGGAAGAAGAAAAAAAAGGCCAAAGAAGGGAAGAGCCGGGAAAA GAAGGAAGGAAGGAAGGGGAAGGGGAGAAGAGGAGAAAGGGAAGGGGGG AGGAAAAACAGGAGGGAAAGAAAACAGACCGGAGGGAAGGAGAAACAAGG AGAAAGAAAGAAGAGAGGCCGGAAGAAAGGGGCAAGAAGGAAGGCCAAAC ACGAGAGGAGGGGAGAGAAGAAGGAGAACAGGCAAGGGGGAAAGAGGGA AGAAGAAGGCCGGAGAAGGGGAAGGGGAAAGGGGAAAGGAGAGGGAGGG GGTTAAAGCCCCAGCCGAGAAGCCAAGGAAAAGGGAGAAGGACAAAGGAA GGGAAGAGAGCGAAAGAAGAAGGGGGAGAAGGGAGGGGACAGCCGGGGA GAGACGAGGACAGAACAGGGAAGGACAAAGGGGGAGAAGGGGGGGGGAC AAAAGGGGAGCAAGGGCAAGCCAGCCCCCGAGAGGGAGAGGGAGAAAAAG GGGAGGAAGGGGCGGAAGGGCGAAAGAACCGGAAAAGGAAAGGATTAAAA GAGGGGGGGGGGAGAGAAGGGGGGAACCAAGGGGAAAAGGAAGGAAAAA AATCCAAAGGGGAACGAACTAGGGAAAGGGGCCGAGACCGAAGCCCCGGA GAAGGAAGGGGGAAAAGACAGAGAGGGGAGAGAAACCAAACAAGAAGGGG GAAAGGGGGGGGGAAAAAAAAGGCCAAGGCAAAGGGGAAGGAAGGAGGG TACGCCAAGGGGAGGGGGCCCCCCACGAAGAGCAGAGAGGCCAACAAAAG GGATAGGGAAGGGGAAAACCAGCCAGAAACAGCACGGGGAGGAGGGAAGG GAAGAGAGGGGGAGCCACGGAACAAGAGGGGGAACCAAAGAGGAGAGGCC GAGAAGAGCCGGAAGAGAACGACCGACCAGGGAACCGAGGCCAGGGAAAG GGCGAGGAGGGGAAAAGGGGAAGGGGAACCAAAAAAAAGGGGAGCAGAAA GGAAAAGGAAAAGGTTCCGGGGCCCCGGAAGGGGAAAAGGGGGGAAAAAA AAAAAAAAGGCGGAGGGAAGGGAAAGGGGGGGGGGGGAAAGAGAAAAAG GGGAAAGAAAAAACGCCGGGAGGGGAGGGGGGAAGGGAGGGGAAGGAGA AAGAAGAAGAAAGGAGAAAAGGAAAAGGAACCAAGGAGCCCCGAGAGGCC AGGGGGGAAAAAGGAGAGCAAAAAAAGGAAGGGGGGGGGGGGGGCCGGG GAAAAGGGGCCAAAAGGAAGGAAGGAAACAAAGAGAAACGGAAGGGGAGG GGGAAGAGGGGAACCCCAAGGGGAACAGAAGAGAAGAGGAGGGAGAAGAA AAGAACAAAAAGGATGAAAAAGGGGAGCCCCAGCAAAAAAGAAAAAAAAG AAGGAGGGGAAGAAGAGGACAGACAGGGAAAGGCCGAGAGGACAAAAAAG AGGCCCCACGGGGAAAGCCAGGAAACCAGAGGGAAACAAGGCCGAAGGAA AAGAAAGGGACGAAAGGGAAACGAGGAGGAAAAACAAGGACGAGGGGAGA AGAAACAAGGGAGAAAAGGCCGGAAGGCCGGGAAGAAAAGAAAAGGACCG GAAGGAAGGAAAGCCAAGGCCAAAGAAAAGGGAGAAGAACCAAAAACGGG GCCAGAAAAGGAAGGAAGGGGAAGGGGAGCAACAAAGGGGAGAAAGGGG AAGGACAGGGAAAACCGGAGGCGAGGCCGACCAAGGAGGGAGAACAGAAG AAGAAAGGGGGGCAGACCCGAGAAAGAGAGAAAAGGGGAAAGGGAACCGA AGAGGGGAAGGGAGAAGGAAGGAGCAGAAAGGAAGAGAGGAGAAGACAG GAGAAAAGGAGAGGGGAAAGGGGGAGGGAAGGGGGAGAGAGGGGGAAAA

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AA G G G G GCCACGACCAAGAAAACGGGAAAGAGGGGGGGGCCAAGGGGAA GGGGCAGGAGGAGAAGAGACACGAGAGGGGAAAGGGACAAAAGAGAGAAA GAGGGAAAAAGGGGGGCCGGAGAGAAGAAGGACAAAGAAAGGGGAAACAG ACGGAGGGAGGGGGAGGAGCACGCAGGAGGAAGGAAAAGAAGGGACCCC CGGCCAAGGGAGGAAAGAGAAGGAGAAAGGAAAAGAATACACCAAAAACA A G G A GAAAA GAAAGGAAGAGGGGGGAAAGGAACCAGGGGGGCCAAAACCA A G GCCGGGGGGAAAAGGAACCAAGGCCAAGGAAAGGGGGAAACAGAAGGA AA $\operatorname{l}$ GAGGGGAGAGAGCCGGAGGGACGAGAAAAAGGGGGAAAGAAGAAAAA TAAGGGGGGAAAAGGATCAGAAAGGACCAAAGGAAGGAACCAACCTAAAG GAGGGCAAGAAAAAGGAACGGGGGGCCTTGGAAGAAGAAGCACAAGGAAA GAAAAAAGGGGTTAACCAACCAAAACAGGAGAGAAAGGGGGCAGGAGGGA AGGAAAAAAAGGGAAGAAGGGACAGGAAGGGAGGAGGAAAGCCAGCCAAG GGGAAGGGGGGCCAGGAACAGGAAAAAGCAAGGAGAAAAGGTAAAGAGAC ACATAAAAAGAAGGAGAAAAAACAAGGAGAAAGTACACAGGCCAACAAACA AGCCGGGAAGGAATAAAAAGGAAAAAGGGGAAGAGGGGGGGGCCCCGGC GAAGGGGCCAACAGGGGAGCCAGAAGGAAAACAGGGGGGAAACACAAAGG ACCGGAGGGAAACCGGGGCAAGGGGAGGAAAGGGGGGAGAGAGAAAGAG AAGAAAAACCAACCGGGGCAGAAGGGTTAAAACAAAGGAGACAGGGGGAC ACAGAGAGGGAAAAAAAGAAAAAGGAAGGAGGAAGGAAAAAGAAGGAAAA G GAAAGGAAAGGGAGAAGAGAAAGGGCCAGGAGGAAGAAGAGGAAGAAGA G GCCCAGGAAGGAAGGGGGAAAAAGGGGAAGGAACCGAGGAGGAGGGAG GAAAGGGGAAAAAGAGAGGGGAACCCCGGAGGGACAGAAGGAGAAGGAAA GGGAAGGCGAAGGACGGGGCCCCCAACGGGGGAAGGAAAGGAACCGAGG CAAGAAACGAAGATAAGGGGGAAAGAGAGGCCGGGGAGAAGAGAAAGGAA CCGGAGCCGGGGAGGAGGAAAAAGGAACAGGGAAAAAAAGAAAAAAAAAA GAGGGAGGGGAAAAAAGGAAAAGGAAACGGGGCCGGAGCCGAAAGGGGC CAAAGCCAGGAGGGACCCAGGAAACAGAAGGAAGGGGAAGGATCCGAGGG AAACAAAAAGATAGGGGAAGAAAGCAAAGAGGAAAGGCCGGGGAGAAGAG GGGGACCAACCAGAGGAGGGGGGGAGAAACCACGAGGAAGGAAGGAAAGA GAGGGGAGGAAAGGAGGAGCCCAAGGAGGGGAGGGCCGAGGGGAAGGCC AAAACGAAAAACGAGACCAGGGGGGAGACCGAAAAACCCCGGAACCAAGG AAAGGGCGGAGAGAAGGAGAAGAGAGCCGGAACAGGAAAAGGCCGGCCGG GAGGGGGGAAGGAAAAAAGGAAAAAAGGGGAAAAAGAAGGGGAGAAAAGA AAAAGAGAGGAAGAAAAAGAGAAAAACCGGGGGGGGAAAAAGAGAGGAAG CAGAAGAGGGAAGGCCAGAAAGAAGGGGAAAAAAAAGAAAGGAGAAACAG GAA GCCAAGGGGCCGGAGGAAAGGAAGGGGGGAAGGAAGAGGGAGAACG AAGAACCAGAAAGCCCCGGGAAAGAGGCAAAGGCCAACCGGGGGAAGGGC C GAGAAAGGGAAGCCAAGGAAAAAAAAAAGGAAGGGGAAGACAGGCAAAA AGGAAAAGGAAGGAAAAAAAAAAGGACAAGGGGACGAGGCACAGGAAAAC CACATACCCCCAAAAAAAAGGAAGGGGAAGGGGAAAAGGGGCAAGAAAAG G G G GAGCGAAGAGAGAAGGACAAGGAAAGCAAAGGCAGGAGCCAAAAAAA A G G AAAAAAGGGAAATTGAGGAGGGAAGGGAGGAGAAAGGAAAAGAAAAA AGGAGACAAAAGGCACCAGGGAAAAGGAAAAAGGGAGAAGAGAGAAAAGG AAAGGAAGGCCGGGGGGGAGGGGAAGGGGGAAGACAAAACCGACCAAAGA GAGCAGGGAGGGAAAAAAGGAGGCCGGGGGGCCCCGGGAGGGAGGGGAA GGCCGGGGGGGGGGGGCAGAAGGGAAAAGAACGAAAAGCCGGAGAGAGG GGGAAGGGGCCAGTTAAAAAAAGGAAAAGAAGAAGAGGAACAGGGGGGAA AAAGGAAAACCGGGGAAAGGGCCAAGGGAAAAAAACAGGAGAAAAGGAAA AAAGGAAGAGAAACACCAGAGGGGGGGAAAAAAGGAAGGGGGGAAAAAAA GGACCAAGGAAAGAAGGAACAAGAAGGCAAACCAAGGGGAGGGAAAGAAC CGGCCAAGGAAAAGAAAAAGGGGGACACAAAGGAGGAGGAGAGCGGGGG G G A G G G G G G G G GAAAAAAAAGGAACCAAGGGGGAGCAGAGAGGCGGAAA AAAGGAAGGAAGGACGAGGAAGATTAAAACCACGGGGGGGGAAGGACACA AGACACCCAAGTTAAAAAAGAGGAAAAAAGGAGAAGGGAGCGAAGAGAAA
 G GACGAAAGAGGGGGGGGAAAGAGGGAAGGGAGAGAAAGAAACAAGAGG G G G GAA $\operatorname{G}$ GGGGAGAGGAGGAGAAAAAAGGAAGGAAGGGGGGGGAAGGAG G G G GAGAAAAGGCACCGGAAAAAAGGGAAAGGAAGGCCCCGGGGGGAACC GGCCTTACGACCGGGGGGAAAACCGGGGGGAAGGGGAGAAAAAGGGGGG GACAAAAAAGGGAAAACGAAAAGGGAAAACCAAAAAGAAGAGAAAGGGGG GGGAAGAAAACGGCCAATTAAAAAAAACCGAGAAGGGAGGGAGAAAAAAA

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AA G GAAAAGGAAAAAAAAGGGGGGAAAACCGGGGGGGGAAAAAAAAGGGG GGGGGGTTAACCAAAAAAGGCCAAAAAAGGGGAAAAGGGGGGCCGGCCAA AAAAGGGGGGGGGGGGGGAAAAAAGGAAAAAAAAAAAAAAGGAAAAGGAA AA $\operatorname{l}$ GGGAAGGAAGGCCGGCCAAGGAAAAGGGGAAAAGGCCGGAAGGGGG GAAAAAAGGCCGGGGAAGGGGAACCGGGGAAAAAACCGGTTGGAAGGGGA AGGAAGGGGCCCCAACCGGGGGGCCAAAAAAGGAAGGAGAAGCAAAAAAA ATTCCGGGAGGAACAGAAGAGAGAGGGCACAAAGGCCAGAGCAAAAAAGG GCACACCAAAAAACCGGAAAAAAGGAAAAAAGGAACCGGGGGGAAAAAAG G G G G G G G AAAAGGGGAACAAAAAAAGGAGGGGGAAAAAAAAAAAAAAAAG GG GAAAAAAGAGGCAGAAACCAAGGGGCCGGAAAAAAGGAAGGGGAAAAA GGGAAGGGGAGAGAGGGAAGGAAGGAAAAAGCCAAAAGGGGTTGGCCAA GGGAAACCCCAGGAAAAGCCAGGACAAAAGACCCAGGGCACCGGCCACGG GGAAGGAAGAGAGGGGGGGAGGGGGGAGAGATAAAGAGAAGGCAGGAGA AGGGGAAAGAAGGAAGGGGAAGAAGGGGGAAGGAAGGGAGGAAGGGGAA AA G G G GAGGGAGAAAAGAAGAGAAGGAAGGAGGGGACCGGCCAGGAAAAA CCCCGGGGGGAAGCGGAGGGCACAAGGGGGGGGGGGGGGAAAAAAAGAG G G G A G G A A GAGGAGGAAGGAAAAAGCCGGAAGGGGAAGAAAGGGGGGAA CCGGCAAGGGGAAGAGAGCCGGGAAATTGAAAGGGGAAGGGGGGAAGAA
 GGGGAAAGGAAAGGAAAGAAGGGCAAAGGAGAGGGGAAGCAAAGCACCGG AGGAAGCCAGCACCAAGAAGAAAAGACCAAGAAGGAAGAAGGGGAAGGCC G GACGGCCAAGGGGAGGGCCGGGGAAAAAAAAAAAGAGGGAGGGGGAAG GAGAGGGGGGGAAGGGGGGAGGGAGAAAACCAAAGGAGGAGAACAGGCA A G G ACCGGAGGGGGGGAAGGCCGGGGCCGGAACCAAAAAGCCGAGGGGA G G GAGAAGGAACCGGAACCAGAGTAAAAGACGGGGGAGGAAGGACAAAAG GCCGGGGAACCCAGAAGAAGAAGAAAGAAAAGGAGGGGGGAAACAGAGAG GGAAGGAAGCACAGAAAGGACGAAGAGAAAGGGACGAACAAGGAACAGAA AAAGAGAAAAGAACCGGGGAGAAGAGGAGGAAGAGCCGGGGAAGGGGGA CCCAGGGACCGGAAGGAATTGGGCGGGGGGAAGAAAGGAAGGGGAAGGA CAAAAAAAAAGGGGGAAAAGGAGAACCGGAGCCAAAGGGAGAAAATTAAC CGAGGAGGGAGAAGGAAGGGGCAAGACGAAGAGGAAGGAAAAAAAAAAAC CGAAAAAAAAGAACAGGGGGGGGAAAGAAGACCAAGGAGGGACGGGGAAG G GAACAGAGGGGGACAAAACCAGGAGGGGAAAAGACGGGGGAAAGAGAAC GCCAACCAAAGAACGGGAGAGCCAACAGAAAAGAAGAGGAAGGAAGGCCT TCAGAAAGAAAAGGGGGAGGAAAAAGAAGAAAGAGAACCAGGGGAAGGGG GAAGGGACAACAAGGGGGGAGAGGGGAAAGGGGGGAAAGGGGAAGGGGA AAAAAGACACAAGGGACCGAGAGAGGAGAGGAGAAAAAGGAGGGAAAAAA G G G G G GAAA GCCAACCAGGAGGCCGGGAAAGGGGCCCCAGAGAGAAACGG AA GAAGGGAAGGCCAAAAAAGGGGCCAGGAAGGAACAGAGAGACGAGGGG AA G G G G A A G G CAAAGGGGAAGGAAGGGGAGAAAAACAAAGAGAAGAAGAA GAGAGAGGAGGGGAACAAGGAGGGAAAGGGAAGAAAAGGAAGAAAAAAGA AAAAAAAGACAACAAGGGGGGGGACAGGAGAGGGGAAGGGAACCGGAAAA AA G G G GAGACGGGGAAGAAGGGAGGAGGAAAAAAGGAAAAGAGGAAAAG GAGGGCCGGAAAAAGGGAAAAAAGGGGGGGGAAGGAAAAGGAAGGAAGG AA G G G GAAAAAGAAGGAGGAAAAGAAGAAGGGACAAGGAAAGAAGGGGAA GAAAAGAAGGGGGGAAGGGGGAAAAACCAGGAGGCCGAGGGGGAGAAGA AAAGACAGGAGCAGGCAAGCAAAAAGGGGGGGAAGAGAAAAGAAGAGCCG GAGAAGAGGAGAAGGGAGGGAAAGGGGGAGGAAGGAACCAAAAAAGAGA GGGGAAAAAGGGCCGGAAGGAAAAGAAAAAGGAAAGAAGGAAGGAAAGAA G G G G GAA $\operatorname{la} A A A G A G A G G A A G G A A C A G G G A G G A G A A G G A A A A G G C A G A A A$ GGAAAACAAGAAAAAAAGAGCCAAGGGGAAAAGGCCAGAAAGCAAGAGAG AACACCAAGGAAAAGGAAGGAAAGAAGGAAAGAAGAAAGGGAAAAGGGGG G G G A A G G GAA GAAGGAACGGCCAAAAGAGAGGGAAGAAGGAAGGGGAACC
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GAAAAAAGGAAGGGGAAGGGGAAGGAAAAGGGGGGAAGGCCGGAAAACC G GAAAAAAAAAAGGGGAAGGAAAAAAAAGGAAGGAAGGGGAAGGAAGGGG G G G G G GCCGGAAGGGGAAAAGGGGGGGGCCGGAAGGCCGGGGCCGGAAG G G G CCAA G GCCCCGGGGGGGGGGGGGGGGAAGGAACCGGCCGGAAGGGG GGGGAAGGAAAAAACCACAAAAAAAGAGGGGGAGGGAGGGGGAAGGAAG GCCCAAAGAAAGGGGCCACGGAAGGAGGGGGCCGAAAAAGAGGGAGAGAA AA $\operatorname{GAAA}$ AACGAAAGACAGGGAGGGGAAAGAAAACAGGGGGGGGAAGAGAG AAAGAGGGGAACCGGAAGGGGAGGACCAGGAAAAGACAAGGAGAAGAGGC ACCAAGGGGCCAAGGAAGGACGGAAGGGGGGGGACAAGGAAAGAGGAAG A G G GAAAAAAAGAAGGAAGAAAGAGGAACAGGAGGGGGAGAAGGGGGGA AAAGGGGGGGGGGAACCAAGGAAAAAAGGGGTTAAGGAAGGAAAAAAGGG G G G G G G G G G G G G G G G G G A A G G G G AA G G G G G GAAGGGGAAAAAAAAAAAA AAAACCAAGGAAGGAAAAGGAAAAAACCGGGGAAAAAAAAGGGGAAAAAA AAGGAACCGGCCAAAAAAGGGGAAAAGGAACCAAGGGGCCAAGGAAGGGG GGAAGAGAAAAGAAGGAGGGGGGGCCAAGACCGACACAACGAAGGGAGAG GAGGAACCGGGGGGGGCAAAAGGAAAGGGAGGAAAAAAGAGGGAAAAAGA GGGGCCGGAGCCGGGAAGGGGGGGAAAGCCGGGGAGAGAGAAGAGAAAA AGGCAGAAAGGGGGAAACAAAAAAAACACGAAAAAGGGACAGGAAAGAAG ACAAAGGAAGGGAAGAACAGGGAGAAAAAAAGGACAGAGGGTTGGCAAAG GGGAAAAAGAAGGGGGAGGGGGGAACAAGCCGGGGAAGGAAAAAAGGGG G GAGAAAAAAGGGAACCAAGGGAACCCCAAGGCAACGGGACAAAGGGGAG
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G G GCCAGGGCAAGGAAGCAGGAGAAAAAAGGGAGAGGAAAAGGGGGGCC AA GCGGAGGGCCTTGGAAAACACGCCAAAAGGGAGAAAAGGAAGAGCAAA AA G GAAGGCACCAGAAGGGGATGGAAGGGGGGGGAAAAGGAAAAGGGGA GCCCCAAGGCCGGGGAGCAGAGGAGGGAAGAAAAAGGAAGGAAGGTAAAG GGAAAGCCCGGCCAAAAAAAAGAAAGAGGAACCAAAGGGAGGGACAGAAC AGAAACAGCGACACCAAAGGCAACCAAGGGGAAAGGGGGAAAAGGGGGGC G G GCAGGAGGACAGACAGGAAGGACCCCAAAGGAAAAAAGGAAACACGAA AAAGGCCGGGGGGAAAAGGAAAAAAAAGGCAGGAAACGAAGGGGAGGGAG GCAGGGGGAAAAGAAGAGGGGGAACCCGACGAAAAAGCCGGGGGAAGAGA GGGGGAAGGCAGGGGGGAGGGGGAAAAAAAAGGAAGGAAAAAGGAGGGG GGGGGGAAGGAACCAACCGGCAAGAGGAGAAAGGGGGGAAGGAAAGGAG GGGAAGGAAAAGGAAGGGGGGGGGGGAAGCAGGTTGGAGCCGGGGAAGA GAGGGGGAGGATAAGGAAAGGAGGGGAGCCAAAGGGAACAAAAGGAGAAA AA $\operatorname{A} A A A G A G G G A G G G G G G A A A G G A A A A G G G A A G A A A G G G G C C G G G G A C G ~$ GAAGGAAGAAAGGGGCCGGAGGGCCCAGGAAGGCAAGAAAGCAAACAAAA AAAGACCAAGGGGGGGGGGAAGGGGAGGGGAGGACAACCGGAGAAGGGG G G CAAAAGGGACCGGGAAAAAGGAAAAACCGGGGAAGGGGAAGGCCGGAG CCGACCGGGACCAAGGAAGAACAAGCAGAAAAGGAAAACCCCACGAAGAA AACAAAGGGGGGGAAGAACCGAAAAGACAGAAAGGGGAAGCCGAAGGGGG AAAGGAGGGGAGAGAAGGGAAGGGAAAAGGGAGGAAGAGGAGGGAGGAG G G G CAGGGAGAGGGGAAAGGGGACCGGGGAAAAGGCCAAGGCAAGAAGA A G G G G GCCGGGGGGGAGGAGGAAACCAACCAAAAAAAGAGCAAAGGGGAG TACCAAAAAAGGAAGGGGGAAGAAGGAAAAGGAAGGGAAAGGAACCAAGG GGAAGGGGGGAAAAGGGGAAGGGGGGCCCCGGAAAAGGAAAAGGCCGGC CAAAACCGGGGGGAAAAGGCCAAGGGGAAAAAAAAAAGGAAAAGGGGAAA ACCGGAAGGCCGGAAAAAAGGCCAAAAAAAAGGAAGGAAGGAAGGAAGGA AAAGGGGGGGGAAGGAAGGGGGGGGCCAAAACCGGAGAGAAAAAACCAAG G G G G G G G A A G G G G A A A A C CGGCCGGGGGAGGGGGGAGGGAGCCAGGGAA CAGGGAAAGAAAAAGGGGGGGGGGAAAAAAAAAAGGAAAACCAAAGCCGG G G G G G GACAGGAAAGGAGGGGGGAAGAAAGAGGGGGGGGGGGGGGGAAG GAAAAGGAAAGGGAAAAGAAATAGGGGAAAGAAGGGGGGGGGGAGGAAG GAAAAGAAAAAGGAAAAAGGGGGAAGAAGGGAGGGGGGAGAAAGAAAAGG GGGAGACCGGAAGGGGAACCGGAAGGCCAAAAGGGGCCAGCCAGAGAGCA AAAGCCGGAAAAGGAAACAGGGGGAGAAGAAAAACAGGGAAAAAAACAGA GAAGGGGGAAAAAAAACCGAAAGGGGGAAAAAAAACGAAAAAGAAGGGAA GGAAAGGGAAAAGGGGGGGGAAAAGACCAAAGGGAACCGGAGGGCCAAG GAAATGCAAAAAGAGGACGCAAGACGGAAGGAGAAAAAGAAAAGGTTAAA A G G G G G A G G G G A G G A CAAAAGGGGGGAGGAGAGAAGGGGAAAACCAAGG AGAAGGGGAGGGAGGGGAGGGGAAAAAACCAGAAAAAGAAAGAGAGGGCC AAAAAGAGAGGGCCCCGGGAGGAGAAGAGAGGAAAGCCAAGGACACCAAA AA G GAAA GAAGGCCCCAGAAAAGGGGAACGAGAAAGAGGGGAAAAACCAG CCCCGGGGAAGAGAGAGGGAGGGGAGGGGAGGGAAAGGAAAAGGAAAAG AAGCAGGAACAAAGGGGCCGGAAGGAAAAGGAGAAAAAACCAAAAGGAAG GAGGGAAAACCACAGTTTTAGAAGAAGGGGAAAGGAAGAGGGGAAAACCG GAAGACCGGAAGAACAAGGAGAAGGAAAAAACCGGGACCAAAAAAAAAAG GGGAAAGAAAAAAAGAGGGCAGAAGGGCACCGGAAGAGAGAGGAAAAGGA AAAAAGGGGAAGGGGGGAAAAACGGAAGAAAAAGGGAGACCAAGGGGCCA ATAAAGGGGGGCCAAAGAGGAAGAGGGAAAAAGTAGGGGAAGGAAGAAAG G G AA $\operatorname{l}$ GGAAAAGGAAGGGGGGAGGGGGACAGGGAAGGGGAAAAAAGAAA ACGGGGGAGGAAGGAACCACAGAAGGGAAAGGGGGGGGAGGGAAAAAAA GAACCAAAGGGGACCGGGGAGCACAAGAAAGAAAGAACCAAAAGGGGGGG GGGAGAAGAGGAGGAACAAAAGGAAGGCCGAGAAGGAACGAACAAAAGAG GAAGAGGAGGGAAGGGGAAGGGGAAGGAAGGGGGGGGAAGAAAGAAGGA AGGAGAAAACGGGAGAGGGGAGACGGAAGGAGAGAAGGTTAACCAGGGAC GAAGCCGGGGAAGAAAAAAAGGGAGGGGGGAAAAAGGGGGGACCGGCCA AGGAAGGAGAAAAAAAGAAGGAAAGGGGGAAGAAGGGGGGAGAAAAGAGA AA G G GAGACGAGAGAAGAACAAGAGGGGAGGAAGGGAGGGGGGAGAGAA CAAAGGAAAGAGGGAGGGGAGGAAAACCACGAGAAAAAAAAAACACGGAA AAAACCAAGGAAAAGAGGGGGGCCAAAAGGGGAGGAGGCCAAAACAGACC GGAACAGGACGGGGGACCAACCGGGGAAGGACAAAAGAGGAAAGAAAAAG ACAAGGGGAGGGGAGGAGGGAGCAGGGAAGAAAGGGAGGAGGAAAAAGG

GGAGGGAGAGGAAAAAAGGGGACGGGGGGGAAAAGGAAGCAGGAGGAAA CCGAGAGGAGGGAAAACGAAGGCAAGATAGGGAAGGAGACAGAACCAAAG ACGGCCAAAAGAGAAGGGGAGAAGGGAGAAAAAAAAAGGGAAAAGAGGGA GGGGCCAGGAAAAGGAGGGGGGAAAAGGGGAAAGATGGAGGGGGGGAAA AGGCACAGGAAGAAAGGAGCAAAGGAAGGAGCAGGGGAACAAAGAAAAAG GAAGAAGCAAGGGGGGGAAGGAAAACAGAAACCAAGGAGAAAAAAGGGGA AGGGGAAAAGGAAGGGGCCAAGGGGGGAGAAGAAACAGGAAAAGGAAAAA AGGCCAGAAGGAAAAGGGGCCAAAGGGAAAGAGAGGAAGGGCCACGAGGG AAGCCGAACGGCCGGGGAAAAAGGACCAAAGGGGGGGTTAACCAAGGCAA AGACCGAAGAGGGGGAAAAGGGGAAAAGGGGAAAAAAGGGAAAAAACAAA AGGCAGGAAGGGGGGAGAAAAGAGGAACAAGAAGAGCGGGGGGCCCCAG AGGGGGCCGGGGAAGGAAGGGGGAGGAACAGACCAGCCGGGGACAGGGA GAAAAAGGGCAAAAGAAAGAAGGGATTAAAAAAGGCCGAAGGGCCAGAGG GCCGGCAAGAAAAAGAAACGGAAGAAAGGGGAAGAAGAGGGGGAAGCGGG AGAGGGGAAAGAAGGGGAAAAAAAAAGAAGCAAGGCCCACAAGAGGGAAA AGAAGGGGAGAGGGGCCGGAATTAAAAAAAAGAAGGACCAGAAAAAAAAA AAAAGAGGGCCGGGGGAAAGGCCAAAAAAAAAGCCCCGGAAAACCGGGGC CAAAAGGAACCCCAAAGCAGGCCCCGGAGAGGGAAAGACAAGGAAGGGGC CAAGGAAGGAGAAAGAAAAGGCCAAAGGGACCAGACCGGGAAAGGGAGAG GACGGGGGGCCAAGGCCGGGAAAGGGGAAGAGGCCAGGAGACCAAAGGG AGAGGGAAGCAAGGGGACCCAAACGGAAGAGAGGGGAGAAGGGGAAAGG GGAGACAGAGGGGAGAAGGCCGAAAAAGGAGAATAGGGGAAGGAAAAGG GAGAAACCAAAAGGGGGGGAAAGAAGGAAAGGGGCCGGAGAGGCGGAGA GGAGGGGAATTAAGGGGAGGGAAAACCCGAGGAAGGAAGAGGAACGGGG GGAGGGCAAACCAAGGAAAAGAAGCAAGGGGGGGAAGGGAAAGAAGGAAA AA $\log \operatorname{GGA} \mathrm{G}$ GAAGATAAGGAAGGAAGGAGGGGGGAAAAGAAGGGGACAAA AGAGGGAGGAGAAAAGAGGAAGAGGAGGAAAAGGAAGGAGGGAGAGAAA AAACACAAAGAGAGAAAAACCCAAGGCCGAAATTAAGAGAGAGACCAAGA GGGAAAAAAAAAGAAAAGAAGGGGGAAGGGAAAGAGACAAGGCCCAGAAA AAAAGGAACCGGGAAGGAGGAAAAGGGGGGGGGGGGCCGGGGAAAAAAA AGGGGAAAAAAGGAAGGAAGGAAGGGGGGGGAAAAGGCCGGAAGGAACA CCGGAAAGAGGAGAGAAAAAAAAAGGCAAGACAAAAGGGAGAAGGAGGGG GGACAGAAAAACGGGGGGGAAAGGAGCCGGGGGAAGGGAAGGGGAGGGA GACGGGGAGGAGGAGGGCAAGAGGAGAAAGGGAAGGGGGGGGGGGAAAC GGAAGGAAGGAGAGAGCCAAGGAAAAGGGGGGAAGGAGCCGGGGAGGGA GACGAAGGGGGAAAGAAAAAAAAAAGGGGGAAAACACAAAAAAAGAGGAC CGAACGGAGGAAGAAAAGGGGAAGGGGCAAAAAACGAACGGGAGAAGGGG GGGGGGGAAAAGGAAAAAGAAAGGGGGGGAGGGCAGGAATTGAAAAACCA GAGGGAAGGAAGAGGAACCAAGAAGAAGGAGAGAGGGCCGGACGAAAACG AAAGGGAGGAAAAGGAGAGAAGAGGCAGGGAAAAGGGCCAAGGGGGGAA GGGGGAGGAGACAAGGCCGAGAAAAGAAGGAGGACCGAGGAGGACCGGA GAGGAGAAAAG
$28131000-9$ GGGGGGCCGGGGGGGGAAGGAAAAAAAAGGGGAAAAGGAACC CCCCAAGGAAAAAAGGAAGGAAAACCAAAAGGAACCGGGGAAGGGGGGGG AACCAAAAGGGGCCGGGGCCGGGGAAAGCCAAGGAAAGAGAAAAGGAGAG AGACGGGGAAAGAAGGAAAAAAGAAAGGAAAGCCGGGGCCGGAGGAGAAA AAGGAAAAAACCAAACGGACAAAGGAGAAGGGGAAAAGAGAGAAGGCCGG AA G G G G GAGGAGGGGGGGGGGGGAGAAGAGGCGAATAGGAAGGAAGAAA AGGAACCAGAAAAGAAGAACCGGAGGGCAGGCAAGGAAAGAGAAAAGGGG AGGAGGAGGAAGGAAGGCCAGAGGGAGAAAAAAGGAACCAAAAGAGAGAG GGAGGGGCCGAGCGGGAAAGGAAGGAACCAGCAACCCAGGGAAGGAGTAA GCAAAAGATGGAAAAGGGGGGAAAACCAAGGAAAAAACCTTCCAGGGCCG GGGCAGAAGCAAGAAAGGAAACAAAGAGAAAGGGGAAAACCGGAAGAAGA AGGAAGGAAAGGGCAAAGGAGACGGGGGGGAAAACAGAAGAGAAAAACCG GCCGGCAGGGAGACCAGGGAAAAGGGGGGGGAGAAGAGGGAGAGCGAGA AGGGGAAGCCGGGAGGAAAAGAGGAGGGGACAAGGAGAGGAAAAGACCCA GGAAAAGAAGAACAGAAAAGGGGGCAACGCCGAGAGAGGGAAGGAGGGCA AGAAGAAAAAAAGACAGGAAGGGGCCAAGGGGGGGGCCGGTTGGGGAAA GGGAAAAACGAGAAAAAAAGAAGGAAATAAGCCAAAAGGGGGGCCAAAAG GAAAACCACAAGGAAGGGACCGGGGAAGGGGCCGGAAAAAGCCGGAACAA AGGAAAAAGAAACAGAGAACAGAAACAAGAAGGGAAAGGGGCCAAAAGGG

GAAGGAAAAAGAGAAAACCAAGGAAAAAAGGGGCCAAAAGGAAACGAGAT AACAGAAGGAAGGAAGAGAAGAGAAGGGGGGACAGGGAAGGAAGGAAAAG AACGAGGTAAGTTCAAAGGGGGGAAAACCAAAAAAAACCAAGGGGAAAGA AAGGAGACCGGAAAAGGAGACGGAAGAACGAGGAAGGGAAAGGAGGAACG AAAGAAAACGGACAGGGAAGGAAGGGGAAAGGGGGGGAAAGAGAACCAGA AACCAGGGGGAGAAGGAGGCAAACCGCCACAAACAAAGAAGAAAGGACCA AAAACAGGGAGAGCCGATAGGTAGGACGAAGAGGAGGGAAAAGGAAGGGA GGGAAGGGGGAAAAGCCAAGAGAAGGAAGAGAGAAAAGGCCAAGGGGAAG AGACAGAGAGGGGAAAACCGGAGGGCCGAAGGAAAGAAAAGGAAAAGAGT AAGGGCAAGGGGGCAATGGAAAAAGAAGACAAAAGGGAAAAAAAAAAGGG GAAGGAAGAGGAAGGGGGGGAGAAAAAGGGGCCGAGGGGAGCAGAAACC AAAAAAGAACAGGGGGAACGGGACAGACAAAGCGACGGAGCAAGAAGGCC AGACGGAAGGCCCCAGCAAAGAAGAGAAAGAACAAGAAGGGGGGAAAAAG AGGGGGTTAAGGGGGGGAGAGGGAGGGAGAAGAAAACCAAGGAAAAAAG GAAGGGGGGGGAAGGAGAGAGCCGGGGGGGGGGAGAGGGGGAAGGAAGA AAGGAAAAAAAGAAACGGGCAAGAGAAGGGGGGGAGAGGGGGGAACAGA GGGGAAGAAGAAAGAGACCCCGGGAGGAGAGCCGGGGCCGAAAAAAGGGA GGGGGTAAGGGCAGGCCCAAAAAGGAACCAAGGGGAGGGCCAAAGGGAAG GGAAAAACCAGAGGGAGGAAAAAGAGACCAAGGGGCCCCAAAAAAGGAAA AAAAAAAGGAAGGCCGGGGAACCAAAAGGGGCCAGAAAAGGGAGGGGGGA GGAGAGGAGTACACCGGGGAAGAAACCAGGGAAGGGGCGGGGAAAAGAG AAAAAAGGACGACCGGACAACAAAAAGAAAAAAGGCAAAAAAAAAAGGGG GACCAAAAAAAAAGAAGGAAAAGGAGGGAACCAAGGGGAGAGAAGGAAGG CCCCAGGAAGGAGAGGAACCGGAAAAAAACGGAAAGAAAAACGGGGGGAG GGCAAGCCAAAGGAGAGGGAAAAAGAAAAAGGGAGAACGGGAAGAGGAAA CAAAAAGACCAGGGGGCCAAAAGAAGCCAAGGGGAAGGAAAAAACCGGCC GGGGGACCCAAAGAAGAACCGAAAGGGAGGAAGGAAGAAGAAAAACGAAG GGAAGGAAAAGGAAACGGGGAACCGAGACCAAGGAACAGAGACCCCGGCC GAGGGGGGAGGAGAAAAAAAAAGGAAAGGGACGGGAAAGGAAGAGGGAG GGGAAAGGGCCAACCCCGGCAGGAGGAAAAGGAAGGAGAAGAAAGGGAAA AGAGAGGAAGGAAAACCGGCAGGAGGAGAGGCCGGGAGGAACCGGAAAAA AAAGGAGGGAAGGGGGGAGCCAGGGACGGAAAGAAGGGGCAAAAGAAGG GGCCAAGGAAAAAACCCAGGGGACGAGGGGGGGAAAAAAAACAGAGGAAC AGGGAGAGCGGGAGAAAAAAGGAAAGGAAGCGTTGGTTAAAAAAAAAAAA AACCGGGGAGAGGAGAAGCAGAGAAGGGAGGAACAAGGAAAAAAAGGGGA AGCAAAGGGGAAGGAGACCCGGAGGGGGCCGGAGAGCAAGAAAAGGGATT AAAAGGAAAAGGAGAGGGGGAGAAAAAGAAAGGAAGAAGGCCGAACAAAA AAAAGGGGCCGGGGAAAAGGAACCGGAAAAAAAGAAGAAGACAGCAAAGA GGGAGAGGAAGGCCGAGGAAGAAGGGGGAAGGAAAGGGGGGGAACCAAG GGGAGAGAGCCAAAAGGAAAGAGAAAAAACCAAAAAAAGGAAGACAAGGA AGGGGAAGAGAGAAAAAAAAAAACCGAGAGGGGGGGAAAGGAAGGAAGGG AAAAAAAGGAGGACCGGGGCAGGGAGGCCCCAGGGCGGAGAAGGAGAGG GAGGAAGAGGCCGAAAAAGAGGGAAAGGAACAGGGAAGGAGGAGAGCCG GAGGGAAGGCCGACCAAGGGGAATTGGGGAAGGGGCCGAAAAAGAGGGG GAAGGGAGAGAGAGGGCAGAAGAAAGAAGGAAGGAAGGAAAAAAAAGGGA GGGGATAGGGAGAGGAAGAAGAGAGGGGAAAAAAACGGGGAAAGGAAAG GGGGGAAGGGGCCGGGGGAGGGACAGGAAACAACCAAAGGGAGGAGGAG GGGGAAAAAGGGCAAGGGAGAGAAAAAAGGGGCCGGGGCCAGAGAAAAAA GGAGGAGGGAAGGGGAAGAAGGGGGGGGAGGGGGGGCAAAGACCAACCA GGGAAGAAAGGGGAGACAAGAGAAAGGGGAAAAAGGAGAAGGGAAGAGG AAAGAAGGGAAAGAGGAGAGGAGGAGAAAAGGAAAAGGAAAGGGGGGGA AGGAAAGAGCAAGAGAAGGGGACAAGGGAGGAAGAGGGGAAAGGGTTGA AGACGAAGATAAAGCCGGTAGAGGAAGGAAGAAAAAAGAAGGAAAGGGGG AGAAAAAAGGCCAAAAAAAGGAAAGGGAAAAATTAACACCGGGGAATTAA AAGGCCGGGGAAGGGGCCAACCGAGGAGAGAAGATAGGAACCAGAAAAGG AAAAAAGAAAAAGGCCAAACGGGAAAAAGGGAGAAGAAGGAAGGAAGGTT GGGGGGGAAAGAGAGAGGGGAGAAGGGGAAAAAAGGGGAAAAGAAAGAC CAACCGGACGAGGGAGGAACAGAAAGGACAGCCGGAAAATAAGAAGGAGA AGGGGAAGGTTCCAAAGTAGAAACAGGGAAAGGGGAGAAGAAAAAGGAAG GCCACAAGGGGCCGGAATACAGGGGAGGAACAGGGGGAGAGGGGGAGCA CAGGGGGGAGAGCCAAGGAAGGGGAAAAAAGGCAGGCCGAGGAAAAAGAG

AGAAAAAAAGCCAACCAAGGAGGGACCCGGAGAAAAAACAGAGGAGGAAA G GAA GAACCAAGAGAGGAGGATACGAGAGGACCCCAAGCAGGCCGGAGGG ACCCAACCGGAAAGAAAAGAAGCACAGGAAGGGGCGAGAAAAAGAAAGGA ACGGAAGGAAGGGAGAAAAAGGGGAGCAGAGGAAGGGGAAAAAAAAAGGA ACAGAGGGGGGGGAGGAAAACCGGCCAAAGCAGGGGAGAGACAGGCATGA G G G GCCGGAAAAGAAGGAAGGACAGAGGGGGGAGAAAGAGGGGAAGACA ACCCAGAACAAAAGGAGGGCCGGGGGGAACCGGAAAAGGGGAGGGGGCAA G G G GAA GACAGAACAAGAAGAAGACAGACAAAAGGAAAACCGGTAGGCAA GGGAAAAAGGAAAAAAGCCGAACGGAGGAAGAGGGACGAAGAAGGGGGAG
 CCGGACAGGGAAGGGGAAAAGGGAGGAGCCGGACAGCCGAGAGAAACCGA AAAAAGGACCACGGAAGGCAGGAAGGGGAAAAAGGGAGCAACGGGGGGAG AGAAAAAAAGAGAGGGAACCAGGGAAAAAGAAAAGAGGGCAAGAAAAAGG AA G GAAAAGGGGGGAGACATGGGGAAAAGGAGGGGGAACCAAGAGGAACA AAAGGGCCAACCCCCCAAAAGACCGGGGAACCAAGGGGAAAAAAGGGGAG CGAGAGCCGGGGGGGGAACCACGGAAGAGACCAAAAAGGAGAAAAAGGAA ACAAAAGAAGAAAAAAAAGAAAGGAGGAAGGGAGGGGGAACCGGAACCGG GGAGGAAGAGGGGAAGAAGGGGCACCGGGGAAGGAAGGAAGCAAAGAGA AACAGAGCAGGGGAGAGGGAAGGAAGGGGGGGGGGGAGGGGCCCAGAGA GAGAAAAAAGGAACGGAGAAACACGGAAAAAAGGGGGGGGGGAAAAAAAA AA $\operatorname{la} A \operatorname{A} C C G G A G A A A A G G A A C C A G G A C G A C A G G G G G A A G G G G G G A A G G A A$ AACCCGGGCAAGCCGGGGGGGGGGGGAAAAGGCCAGAAGGAGAGGAGAA G G G G G A G AAAA G GCCGGAAAAAAAAGGCCAAAAGGCAAAACGGAGGGGGC G G G G G G G G G A A G G G G ACGGACGGCAACGGGGGGCCAAAGAGGGAAGAGG AAAAGAAGGAAGAGAAGAAAAAAGCCGGGGAAGGAAGGAAAGGGGGAAGG G GAAAGAGAACGGGGGGAAGGGGGCCAAAAGGAACCATAAAATTGGGGTT AAAAGGGAAAAAGGGGGGGGAGGAAGGGAAGGGGAAAAAAAAAGGGGGGC CGGAGGGAAAAGGGGGGCCCCCCAGGAGGAAAAGGAAGGGGGACCAAAGA AAGGGAAACGAGGAAGGCCGGGGAAAAAGAAAAGGGCCAAGGAGAAAGAG AGGGGGGGAAAGGAAAAAAAGGGGAGAGGCCAGAGCCGAGGGGAAAAAA GAGGAGAGAAAAGAGGAGGGGAGAAGAAAAGAGGGGGAGGCCAGCCAGG GACAGGGCCAGAGAAGGAAAGGAGGAAGGAAGGCCGAGGAGAGGGAAGG AAAGGAAAAAAAAAGGCCTTCCCCAAAAGGAAGGAGGACCAAAAGGATAA G G G G GAGGAGGAAAAAAGAAAAGAGGGAAGAAAAGGGGGAAAGGAAAAGA GAGGAAGGAAGGAACCGGGAACGAAAAAAAAAAACCAAAACCCCAAGAAA GACAAAAGGGAAGGGGAGAGGGGGGGGGAAGGAGGGGGAGCCGGAGGGG AAGAGCGAAGGAAAAAAAGAAGAGGAGAAGAAAGGGGAAAAAAGGAAAAA G GAAAAAGGAAAAAGGAGGAAAGAAAAAAGAAGGGGCAAAGAAGGGGGAC AAAAGAGAAAGGGAGAAGACAAAAAGGGGAAGGAACAAGGGGAAACCGGG GGACCGGGGTTAAGGAAAGAAGAAGGGGGAAGGAGAGAAGGAGAGAAAG CGACGACCAAAGAAAAAAAAGGAACCCCGAACAGAAAAGGGGAAGGGGAG GGAAGGAAGAGAAAGGAGGGAAGAGGGAAGGACCGGAGGAAGGGGGAGA GAGCGGAGGACAGGGAAGAGGGACAGGGAAGGATTAGAGAAGAAGGGAA GGAGGGCAAGCCCAGAACAAAAGGAAAAAACCAAGGAAGGAGGGGGAGGG AGGGACAAGGAAGCAAGAAAGAGGGGGAGAGAAGAAGGAAAGAAAAGGAA G GCCAAGGCCCCGGAGGGGGAAAAGGAAAAAAGGAACCAAAAAAGGGGAA AAAAAAGGAAGGGGAAAAAAAAAAAAGGCCAAGGGGGGGAGGAGAAGGGG AGGGGGACGGAAGAAGAGAGAGAAGGAGAAACATGGACCCGGGACCAACA GACAAGAAGAAAGGAAAGAAGAGGGGAAGGGGGGAAAAAAAAGGGGCCGG CGAAGGCCGACCGGGGGGGGGGAAGGAAGGGGCCGGGGAAAAAAAAGGA A G G G G G G A G G GAGAATTGGGGAAAGAGGAAGGAAACCAAAAAAAAAGAAA GAAAAAAGGGGACGCCCGGAAGGAAAAGGGAAGCCGGGGAAATAGGGGAA CAGGAAGCCAAGGAAGGACGAAAGAAGAAAACAAAAGGAAAAAGGGAAGG AAAAAAAGAGAAGGCGAACGGAGCCGACCGAAAAGCCGAGGGGCCAGGGA GAACAGGCCAAGGGAGGAAGGCCGAAAAAGGGGAACCCCGGCCCCCCAGC AGGAAAAAAGGTTAAGGAGCCGGAAGAGGAAAAGAAAAGAGGGCAGAAAA AGGAAAAGGATGGGAGAAGACAAGGAGAAGAGGAAGAGGAAGGAAGGAAA AAAAGAGGGCCGGGGAAAAAGGGGGAAAAGAAAGAAGAGAGGAGACCACA GCAAGGGAAGGAAAAGGAGGAAGGAAAGAAACCGGAAAAAAAAAAAAAAA AAAAAGGAAAAAAGGGGAAGGAAAAAAGGGGAAGGAAGGCCAAGGGGGGA AGGCCAAAAGGAACCCCGGGGAAGGAAAACCAAGGAACCGGGGGGGGGGT

TGGCCGGAAGGGGAAGGAAAAAAGGGGAAAAAAAAAAAAGGCCCCGGAAG GGGCCGGGGAACCGGAAAAGGGGAAAAGGAAGGCCAAGGAAAAGGAAAAA AGGAAAAAAGGAAGGGGAAGGAACCGGGGGGAACCAAGGAAGGAAAAAAG GGGAAAAAAAAAAGGAACCAAGGGGCCGGGGGGGGAAGGGGAAAAGGAAA AGGGGCCGGAAGGGGGGAAAAGGAAGGAAAAAAAAAAAAAAAAGGGGAAA AAA G G G GAAGGGGGGAAAAAAAAGGAAGGGGGGAAGGGGGGGGGGGGAA GGAAGGAAGGAAAAGGAAAAAAGGGGCCAACCGGCCGGAAAAAAAAGGAA AA G G G GAAAAGGAAGGGGGGAAAAGGCCAAGGAAAAGGGGCCGGGGGGG GCCAAGGAATTCCGGAAGGGGAACCGGGGCCAAGGAAAAGGGAAGAAAAA GAAGGGGATGGGGCAGGGGAAGGCAACAGAAAACCGGGAGGGGGGAAAG GGAGACATAAAAGGAACCGGAAAAGGAGAGCAGAAGAGGGAACAAAAGCG GGGGAAAAAAGAAGGACAAAGAAGAAGGGGAAAGACCACCAAGGGGGGAG GGAGCCAGAGGGGAAGGAGGAGGGAGAAGAACGAGACCAAAAGGAAGGAA AAGGGAGACCGGAAGAAAAACAGGAAAAGGACAGAAGAGGGGAAAGAAGA AGGACCGGAGAAAAGGGGTAGGGGAAAGGAAGGGAAGGCCAAAGGGGGA AAACCAGAGAAGGAACCAATACCGGGGAAGGATCAACACAAGGGGCCAAG AAGGGAGGGGAAAAGTTAAGAAGAAAGGGGGGACCAGAAGGAAAAAACCG GCAAAGGAAAAAAGGAAGGAAAAAAGGGGAAGGGGGGAAAAGGGGAAGGC CGGAAGGGGGGGGAAAAGGAAGGAAGAGGGGGGGGAGGAAGAAGGAGAA AAAAGGAAAAAAAGAGAGAAAAAAGGGGGGGGGGGGGAGAAAAGGAAGAA AGGGAGTTGGGGATGGGGGGAAGGCAGGAAAAAAGGCCAATAAGAGCCGA AAAACCACAGAAAAATGAGAGAATTAACAGAAGAAGGGAAGGAGAAGAGG AGAAGGGGTAACAGGGCCAATTACGGGGCAAGAGGGAAGACAAAGGAACC AAAAGACCAAGGGACCAAGGGGAGAGAGAACCGGAAGAAAAAGGCAAAGA AAAAAGGGAGGGAGCCCCAGAGCCAAAAAGAACCAACGGGAGGGAGAACA AAAGGAAAGGAAGAGGGGAAAGAAAGGAGGAACCAAGGGGAAAAGGTTAC AACCGACCGGAAAGAAAAGGGAAAGGGGAAAACCGACCGGGGGGGGAAGG GGGGAAAAGAGGAAAAGAGGAAGGAGCAAAGAATGAACAGCCGAGGAAAA GAAGAAGGAATAGGAAAAGGAAAAGGGAGGACAAGGAAGGGGGGCCCCAA AAGACCAGAGAGCACCGGAGGGGAACAGAAGGAATAAGGGGGAAAAGGGA GGGGAAGGGGGGGGGGGGGGGAGGTAAAAGGAAGAGCCGGACGAGGGGC CGGTTAGAGGGAAAGAGAACCGAACAAAAAGAAAAACCCAAAGTTTTAAAA AAGGCCGGCCGGGGAAGGAAAAAAGGGAGAAGAGGGGGAGAGAAAGGAA GGAAAAACCGACAGGGAGGAAAGACGGGAAAGGGGAAAACCGGCAGACCA AGGAGAGGAAAGGAGGGAGAGAAGGGGCCAAAGATGGGAGACAGACCGG GGGGGGCAGGAAAACAAAAACAGGGGGGGGAAGAAGGAAACCAACCGGTT GGAAGGCAGGGAAAAAGGAACCAAAAAGGGGGAAAAAAAGGGAAAGGGAA GGAAGGAACCGGAGGAAGAAAACCCCACGAAATTGGGAGGAAGAAGCAGA AGCAGGGGAACCGGGGGGAAGGGGCAAGAGAGAGAGCACAAGAAGGAGG GGAAGGCAAAGAAAAAAAGAGGACCAAAAAGAGCCAAAAAGCACCGAAAC CGGGGCCAGCCAAGAAAAAAACCGGGGGGAAAACCGAAGCCGGGGGGGGG GGGAAGGAAGGGGAAGGGGGACGAGCCAGGAAACCAGAAAACCAGCCGGG AGAGGAAGAAAAGGGAGAGAGACAGAGCAAAGAAAGGAACAGGGGAAGAA AAGACAGAAGGGGGAAAGGGGAAGGCCGGGGGGAAAAAAGGCCAAAAGAG GACAAAGCCAGGACGAGGGGGAGAAAGGAGGGGAAGGCCGGGGAGAAAG AAGAGACCAAAAGGGGCCGGAGGAGGAAAATTAAAAAACCGGAAAATAGA GAAGCCAAAAGGAAAAAAAACCCCGACCAAGGGGAGGAAAGGAACCCCGA AGGAAAGGCCAAAGAACAACAGAAAGCCGGCAAAGAGGCCAAGAAGCCGG CAAAAAAGCCGGCCGACAAGCCGGAAAGGGAAGGGGGGAAGGGGAAGGCA AAGGAGGAAAAAAAAAAACCAAGGAAGGCCGGGGCCGGGGGGAGAGGGAA CCGGAAAAGGAACCAACCAACCGGGGAAAAGAAGAGAGCCGGCAAACAGG AAGGGGGGATGGAAAACCCCGGCCGGAAAAGACCAAGGGGAAAAAGGAAA AAAAGAGAAGAGTTAAGGAAGGAAAAGGGGGAGGGGGGAAGGCCGGAAG AA $\operatorname{la}$ GGGGGGACCGGGAACAGACGGTTAGGGGGCCAGAAGGAACCGGAAA AA $\operatorname{l}$ GGAGGGAGGAAAGGCCAGAGGAGGAAAAAAGAAAAAGGAAATCAAAA AAAGAAGGGAGGAAACCATGAAACCGGAAGGAAAAAAGAGGGGCCCCGGT TGGAACACAAAGGGGGGGGGGAAAAGGAGGGCCGGGAAGAGGGGGAAAA GGAAACAAGAATGAAAAGGAGGGGAAGGAAGAGGGGAAGGAATTGGGAAA AAGGGAAACCGGGGAAGAGGAAGGGGAACCGGGGGAGCGGAGACGGGGC CAACCGGAAGGCCGGGGAAAAAAAAGGGGAAGGGGGAGGGAGAACAGGG AAGAGGAAGGAAAAAAAGAAAAAAGGGGCCCAAGGGAAAAAGCCGAGGCC

AAAAGGCCGGGAAATTGGAGCGAAGGCAAAAAACAACACCAAGGGGAACG AGAACCAATTAAAAACAGAAAAAAGGAGAAAAGAGAAAAGGGGGGGGGAA G G G GAA $A$ AGGGAAAGGAAGGAAAAGAAGGGAGGAGGAAAAGGGAAGCCA AGGGGAGGACACCGGGGCCAGAAAGAGGAGGGGGGAAAAAAGGAAAAGG AA G GCAAGGAAGACGGGGGGTTAAGGAAGGAGGGCGAAGGGAGGGAAAG GCCAAA G G G G G G GAA GAGAAGAAGGGGGGGGCCAAAAGGGGGGCCAAAG
 G G G GAA G GAAGGAGACGGGGCCAGGGAAGAAGGGAAAGGAAAAGGAGGG G G GAAAGCACAAGAGGGAAGGAAGGAAGAGGGGGGAAAACCCCAAAAAAA AGGGGACAAGGTTGGAAGGAATTGGTTCCAGACGGGGGGAAGGAAGGAAG G G G G G G G G G A A G G G G A G A A G A G G A GACGGGAGGGGAAAAGAGGGAGAGA AGGGACAAAAAATTAGGGAAAAGGAAAGAAGGAGGAAAAGAAGGGGGGCG AGACTTAAAGAGGGAGAGAAGGAAGACCGGAAGGCCGGAACCGGGGAAGG AAAAAAGGGGCCGGGGAAAAAAAAAAGGAATTCCAAGGAACCAAAAGGAA GGAACCAAAAGGGGCCAAGGAAGGGGAAGGAAAAAACCTTAAGGAAGGAA G G G G G G G G G G G GAAGGAACCAAAAGGAAAAAACCCCAAAAGGGGAAAAAA AAAACCAAAAAAGGGGCCAAGGAAAAGGAAAAGGGGAAGCAAGGAAGGGG A GAGGAGAGGGGGAGAAAAAGGAGGAGGAACCAAAGGAACGGAGGGACA GCCAGAGGAGGAGCCGGCCAACCAAAAAAGGCCAGAGAGGGAACCAAGGC CAAAAGGAAAAGGAAAAAGCCGAGAGGGAGACCGGAGAGAACAAAGGGGG GAAGGGAAAGGCAAGGGGGGAGGGGGGGGGGAGGAAGGAAGACGACCGG A G A G G G G GAACCAAAGAGGAGAGGCCGGGGCAAGAGAAAAAGGAGAAAAG AGGGAAAACCCCCCGGGAAAAAAAGGGGAAAAGGGGAAGGAAGGGGAGGA GGGACCAGAAACAGGGAGGAAAGGGGAAAAAGGAGAGGGGAAAAAAGGG G G G G G CCAAGGAAGGGGAGAAGAGGGGAGGAAGGAGAAGGAAACAAAAG AGAAAAAAAAAACCCCAAGGGGGAAGAGAGAAAAAGCCGAGGGGGAGGGG AAGAAAGGGGGGAAGGAGGGAAAAGGGAGACCAAAAAAAAAAAGCCGGGA GAAGGGACGGAGAAGAAGAAAGGAAACCGGGGGGGGAAAAAGAAACAAGA GGACAAGAAGAAGAGAGAGAGGCCAGAGCGGGGGGGAGGGAGCCAGGAA GAGGAGGGGAGAGGGGGGAAGGGGGACGAGAGAAAAAAAAGAAAACCGG AAGGAAAAAAGGCGAAACACAGGAGAGGAAAGACGGGACCAAAGGGAACC AGCCAGGGGAAAAGCCGGAAGGACAAGAGGAAGACCGGAGAGGGGGGAG A G GTTGGAAAAGGAAGGGGCCGGAGAAAAGGGGCCACAGGAAAAGGAAAA GGGCAAGGACCGAAAAAGGAAAAGGGGAAGAGGAAGGGGAAAGAGGGCC G G G G G G A GAA G GAGAAGAGAGGAAAAAGAGAAGGGAGGGGCAAGGGGGG G G G A G A G A G G G A A G G G G ACAGGGGGGGGGAAGGCCGGTTGGAACCAAAA AA $\ln A \operatorname{GGGAAAGGAAGGAAAGAAGAGGGAAAAACAAAAAGGAGGGGGGGAA}$ CAAAAGAAGGGGAAGGGGGGAAAACCAGCCGCAAAAAAAGGGAAGGAAAG AGGGGAAAAAAAAGGGGGGACCAGGAAAGGGGGAGAGGCCAAAAGGAAGA GAAACAGACAGACAAGGAAGAAGGAGGGGGGGGGAGAAGGAGGGCAAGC GAGGGCCAACACCAAGGAAGGAAAAGGGAAAAGAACCAAAGCCAAGAAAG ACCGAAGAAAAGGGAGGAAAAGGGGAGAAGAGGGAAAGAAGCGGAGGCCG GCCGGGGACAGACGGGGGGAAGGGGAAAAGAGGGAAGAGAACCAAAGAG AAGAAACCAAGAGAAGAGAAAAGGAGCCAAGAAAAAGAAAGGAAGGAGGG ACACGGAAGAGGGGGGAACCGGGGCCAAGAAAAAGGGGGGGAGGGACCG GAAGGAGGGGGAAAGGGCAGAGGAGAGGAGGAAGAAAAGAAAGGAGAGG GGGGAAGGAGGGACAGCCGGAAAAAAGAGGAACCGAGAAAGGGGGGAAA GGGGGAAAACCACGGAAGGAGAGGAAAGACCATAAGGCCAAGGGGGGACA A G GAA $A$ AAAAGGAGGGAGGGGAAGAAGAGAAGGGAGAGGGGAAGGAACA A G A G AA $\ln \operatorname{GGGGGAGGGGGGAAGAAGGAAAAGGGGGGGAAACCAAAAGGA~}$ ACCGAGAAACCGGGGAAGGAAAAAAAAGGAAAAGAAGAGGAACAAAAAAG GAAGGAAGAAAAGAGAGGAAGAAGGGAAAAAGAAAGGCAGGGGAAAAAAG GAAGGAGATAGAAAAGAAGGAAAAGGGGGGATTGACCAACCGCCCAAAAA GAGGGGGGGAAAAAAAAAGAGAAGGAAGGGCCCAAAAACAGAAGGGGAAG GAAGAAGAGAAAGAGAGAGAGAGAAAAGGAAAAAAAACCGGGGCCAGAAA ACCGAAAAGAACCGGGGCCAGGGAAAGGACAGAGGGGACGAACGAAGAAA G GAGAAGGAGGAAAAACAGAAAGGGGAGCGGAGAAAAAGAAAAGAAGAAA AAGGAAGGAGGGAGGAAGAGAGAAGAAGAAGACACGAAGAGAGGGAAGG GGGAGGGGAAAAAAAAAAGGAAGGAACAGGAACCAAAGGGAGGGAAAAAG GGACAAAAAAAAAAAAAAAAGGAAAAGGGAAAAAAAAAAAGGAAAGAGGG AAAGAAAGGAAAGGAGACGAAGGAGGGAAAGGGAGAGGGGGGGGGGAAG

G G G GAGAGAGGGGAAAAAAGGGGAGGCAGAAGGAAAAAAAAGGGAGAGA A G G ACAA $\operatorname{A}$ G GAGGAGAGGGGGGAGGGAGGAGATTGAAACCAAAGAGAGG G G G GACCAAAAGGAAGCAGGGCCAGCCGAAGAAAAGGGGGAAAAAAGGGC CAAAAACGGAAGGGGCAGGGAAAAACACCAAGGGGGGAAAATTGGAAGGA A G G G G G A A GAGAAGGGGGGGGAAAAGAAGGGCCAGGGGGAGAAGGAGAG A G A G G G GAA $\ln$ G GACGAGGAAAAAGCAAGGGAGGAGGAAGGGAGGAAGGG GAGAACCAGCAGGGAAAGGAGGGGGGGGGGGAGAGATAAGGGAGACCAA AACAGGGGAAGGAGGAAGGAAGCAAAAAAGGAAAGGAAAGAAGGAACCTT AATTGGAAGGAAAAAAAGAAGAAAAAGGAGAGGGAGAGAAAAAAGGGGGG GGAGAACCAAGAAGCAGGGGCCAGAACCGGGGTTAAGGGGAAAACCAAAA CCAGGGGGAAAAAAGGCAAGGAGACAAGAAAGAAAGAGAAGGCCACAACC GAAAAGTAGGAAAGAGGAGACAAGAAGGAAAGCACAGGGGAATTGACCGA ACGGGACCAGGAAAAGGGGGCAGGAGCAAGGAAGCCAGAGGGGAAAACAG GCAGGGAGAGAAGGGAAAAGAGGGGGAAAGAAAAATGGAGGGAAGGAAA GAGAGAGAAGAGGAAAAAGAAAAAGGGGCCCAAACAAGAGGGGAAAGGGA GAAGGAAAAAAAATAGGAACCGGGAGAGCCCGACCAGGGAAAAAAAAAAG GAAAACCGGGGAAAAAAAACCGGCCGGAAAACCGGGGGGAAAAGGAAAAA AGGGGAAAAGGGGAAGGAAAAGGAAGGGGGGGGCCAAGGAAAAAAGGAA G GCCGGAAGGAAGGGAAGGCAGAAGAAAGGTTAAAAAGAGACAGGGAGCA GGAGAAAAAAAAGGCCAAGAAGGAGGGAAGGGGGAAAACCCCCAGGGGAA
 GAAGGAAGGAAGGGGGGAAGGGGGGAACCGCAAAGGGAAAAGGAACAAG AAAAGGAGGGAGCAGGGGAAAGGAGAAAGAGAAGGGGGGGAGAAAGAAA AAAGGCCGGGGAAAAAAGGCCGGGGAAAAAAGGACAAGGGGAAAAAAAAG GGGTTGGAAAACCAACCCCAATTCCAAGGGGAAAAAACCGGGGAACCAAA A G G A A G G G G G G T TAACCAAAAGGGGGGGGGGGGGGGGCCGGAACCACAA CCGGAAAACCAAGGGGAGCAGGGGGGAGGACCCCAAGGGAAGCCGGTTGG G GAGAGAGGAGAGGAAGGGGGAGACAGAGACCAAAAAAGGGGAGAAAAAA AGCGGGGGGGGGAAGAAACCAAAGACAACAAAGGGGCCAGGGACGAAGCC G G G GAACCAAGGAGGAAGCAAAGATAGAAAGGAAGAGGAAAAGGCCGAAA ACCGAGAGGGAAAGAGACGGGGGGGGAAAATTAGGAAAAGGAAAGGAAAG AGAGAAAAGGGACCAAAAGGAAGAGGACGAAGGGGGAAGGAGAAGGAAAA AGAGACTTAAGGAAAAAGGAGAGGAAAAAAAAAAGGAACCCCGGGAACCC
 G GA $\operatorname{l}$ G G G G G G GAACCAAAAGGGGCCGGGGCCAAGACCAGCCCCAAAAAAA G GAGGGGTAACGGATACGGACGAAGAGAGAAGGAAGGAAGAAGAGAAAAA ACCGGGGGGGGGGGGAAAAGGGGAACCGGGGAAGAAAAGAACCGGGAGA AGAAGAAGAAAGGGAAAGAAGGAAAAGGAAGGGGAACCAAGGGGAAAAGG A A C C G G G G G G G G G G G GCCGGAAAAGGCCGGGGGGAACCAAGGAAAAGGA ACCAAAAAAGGAATTAAAAGGAAGGGGAAAAAAGGCCAGAGAGAAAGGAA A G A G A A G G G G G G GGGAGAGGGACGAAGGGAGAAGGAGACAGAAATAGAA AGAAAAAAAAAGAGAAGGAGGGGGCCAAAGCCGAAGGGCCAAGGGACAGG AGGACAGGGAGGCCCCAAGGGGAAAAAAACAAGAAGGAAAGGGGAGGAAG A G G G GAGGGGGGCCGGAAGGAAGGAAGGAAGGGGAAGGGGAAGGAAAAC CCCGGAAGGAAAGAAGGAGAGAGAGGGAAAAGAAGGAGGGGGGAAAAAAG GGGGGAAGGAAAAGAAAGGAAAGGAGAAGAAGGAAAAGGACAGAGAAAAA AACGGGAAGCAGGAAAGCAAGAGAGGGAACCGGGGGGCCGGAAGGGAAAA AGAAGAGAAGAAGGGAAAAAAGGAAAAGAACACCCGGGGGGTTGGAAGGG GCAA $\operatorname{CAA}$ A GAGGGGGGGGGACGGGGGGAAGGGGGGGGAAAGCCAGAAAA CCAAAAAGAGAAAAAAAAAGAAGGAAGGCCGGAAAAAGGGGGGGAGAAAG GAGAAAAGCCACAGAAAAGGAAGGGAGAGGACAAGGAGCCAGAAAGAGAG A G G GAA $\operatorname{l}$ GAAGGGGAAAAAGCCAGAGGGAAGGGGGAGAGGCCGGGGGGA ACCGGAATTAAAAGGGGGGCCGGAAGGAAGGAAGGGGAAAACCCCAAGGA A G G A A G G G G G G G G G G G GCCAAGGGGCCCCGGGGAACCGGAAGGAGACAG G G CA $\operatorname{l}$ AGGGGGAGAGCACGGAGGGGGCCAAACGGCCAAGGGGAACCGGG GGGAGGGGGGGCACACGAGAAAAAAGGAAGGGGGGAAGGCCGAGGGGCC CCGGGAGGGAAGCCCCAGGGGGAAAGGAGGGGGAAGCAAAGGGGAAGGG GCCGGCCGGAGAGAGGAACAACCGGCCGAAGAGAACCGGAGAGGGAAACG GGGGGCCAGGGAGGGAACCAGGGCCGGAGGGGGAGGAAGAGAGACAGAA AGAACCAGGGGGGGGGGAAGAGAGGAAGAGAAAAGAAGAAAAAAAAGAGG G GCAGGAAGGGGGGGGAGAAGACCAGAAGACCGAAAGAGAAAAGAAGAGA

A GAGAGGGCCAAGAGGGGAACCGAAAGGAGGGAAAAGGGGGGAGGGGGG GAGGGGGGGATAGAGCCAGGAAGGACCAAGAAAGGAAAACCAGGGAAGGG GAGAAGACCAAAAGGGGGGAAAGAGAAAAGGGGGGAGGGGCGAAGGGAG GGACAGCAGGGGAGCAGGAAACCCGGGGAGGGAACCGGCAAGGGGGGGA AGGAGAAAAAGGAGGAAAGTAGGGAGAAGAAAAGAGAGGGGAAGGGAGG GAAA GAAAAAGGTTGGAAAAGGGGGAGGGGCCAGGGAGAAGGAGAGAAG ACCGAGCGGGGAAGAGAAAAGGGAGCCAAGGCCAAAAAAGGAAAACCAAG AACGGAGGGGGAAAGGGCAGAAAAAAAAAAGAAGGCCAAAACCAGGGCCG GAGAAGAGAGAAAGGGGGAGGGAAACCGGAAAGGGGGCCCCAAGAACAAG AA GAAGGGCGGCCAGGAAAGGTACCAGGGAAAGAAAGGAAAACGGAGAAA ACGCCCCAACCAAAGCCAAAAGGCCAAAGGGGGGGGGAAAGAGCCCCAAA AAAGGGGGGCCAGCACAGAGGAAAAGAAAAGGGACAAGGAAGGAAGAGGA AAAAAGAAACAAAGGGGAAAAAAGGAAGGCCGGAAAAGGGGGGAAAGCAG ACCGAAACCAAAAACAACAAAAGGAGGGGGGAAAGGGAGGGCCACAAAAG GAAAAGAGAAACAAGGGAGAGAGCACAGGCCGGCAAAGGAAGAGAAAGGA CGGGGAAAAAAAAAAAACAAAGGAAAGGACGGGCACCAGAAGGAGGGAAG G G G G GCCAAAGACGAAGAAAACCACGACCCGAAAAGGAGGAAACCAAGGG GAAAAAAAACAGGGAAGGGACCCCAGAGAGGAGGGAGAAAAAAAGAGAAG GGGAGAGGGAAAAAAGGGGGGAAAAAAGAGGAAAAACAAGGGAAGGGGG AAATCAAACAAGAAAACCAGAACCACCAAACCGGAAGGAAAAGGGGAAAG A GCGGGGGAAAAAACAGACCGGGGAAAAAGGGGAAGGGAAGGGGGGAGG GCCAGAAGAGAGGAAGGGGGGGGGGAAAAAGGGGGAAAACCGGGGCCGG AACCAAAAACGAGGACACGGAGGAAAGAGGGGAGGAAGGCGGGGGAAGG GGAAGAAGGAGGGCCAGAGGGAAGAGGAACCAAGGGGCCGGGGAGCCAA CAAAGGGGCCAAGGGGAATTAAACAACAAAAGCAGGGAAAGGCGCCAGGA CCCCCCAAAAAAGGAGAGGGAAAAACACCCAACAAAGGAAGAGGAAGGGG AAAAGGGGGGGAAACCAAAACAGGCCAGAAGAACAGAGACAAGGAAGGCC GGAAAAGAAAAGGAGGCCGGAACCGGGGAAAACCGGGGGGGCGGAAAACC AAAAAAAAAAGGGGAGGGGAGGAAAAGGAAGGGAAAGGATCCAAAAGGGG CCAACCAGGAGGAAAGAAGGGGAAAAAGGGAAGGGGACGGAAAAAAAAAA GAGGAAAAAGCCAGAGGATTAAGGAAGGCCGGGGAAGGCCAAGGGGCCAA AAGGAAGAAAAAAAGGACAAAAGGAAAACCAGAAAAAGGGGAAAAAGGGG ACGGGGAGGGCCGGAAAAAAAAGGAGGGGGGGAAAAAAAAGGAAGGGGA G G A G A GAGGGGAAAGACAAAACCAACCAAACCCGGCCGAAGAAAAGAGGG GGAAAGGAACCCCAAAGAAGGAGAACAAAGGGGGAGAAGGGGGAATTAAA AAAAAGGAAAACCGGGGGAAGAGCCCCGGAAAAAAAAAACCGGGGGGGAG AGGAGCCGGGGAACCAGGAACAAGGAAAAGGAAGGGGAGGGCAGAAAGGA AAAGGGGAGAAGGGGAAAACCGGGGAAAAAAAAGGAAGGAAGAAACCGGA AAAGGCCAACAAGCCAACCGGAAAGGGAGGGAGGGCCGAAACAGAGAATA GGGCAAAGGGGAGAAAAGAGAGAAGCAAAAGAAAAAAGACCAGAGGGCAA TGGAGAAAGAGACAACCCCGGAGCCAGAAGGTAGGGGAAAAGGGGCCAAA GAGAAGAGAGGAGAAAAAGGGGAGGAAGGGGAAAAAAAGGAGAAAAAGGA GCCAAAAAAAGGAAGGGGAAAGAGGAAAAAAAAAACAAAGAAACCGAAGA GGAGGAAGAGGGGAAGGGGAGGGGGCCAGGGGGGGAAAGAAGGGGAACC AAAGGGAGAAGGAGAACAGAAGGAGGGGAAAACCGGAAAGTTAAGGGGAA AAGGGGGGGGAAAGAGAAACCAACAGAAAGGGACCCAGGGGGAGGAAAAC GGGGAGAGGAGGAGACGGAAAAAGAGAAAAGAGAGAGAAGAAGGAGGGG GGGAAGGGGAAGACAGGAAAAGGAGCAGGGGGAGGAAAAGGGGGGAAAA AAAAGAAAAGAAACGAGGGAAATTAAAGAAAGGAGGAAAAGGGGCAGGGG A GTTAGAATAGGGGGGGGAACCAGAAGGCCGAGGAAAAAAGGGGAAACGG G G G GAGGGGAGAGGAAGGAAAACGAACCGAAAGAAAAACCACCCAACAGG AGAAGGGGATGAAAAACAGGAGCCGGAGCCGGGGGGAAGGGAAGGGGGA GAAAAGGAAGAGGAGACAAGGGACGGAAAGAAAGAAGAACCAAGGAAGGA
 G G G G G A G G G G G G G GAAAAGGAAGGAAAAGAGGGGCCAAGGAAACAAGAG GAAGGGGCCAGGGACGGCCCCGGGGGGAAAGAGCCACCAAGGGACAGAGA GAACCAACCGGAAGAGGAAGGAGAACAAAGGGGAAGGGGAAAAAATTGGG GGGAAAAGGAAGGAAAAGGGGCAGAAGGAGGAAGAGGAAAAGGGGGGGA GGAGGGAGGAGGAAAAGGAGGAAGGAGGGAGGGACCAAAAAAGGGGGGC CAGAAGGAGAAGAGGGGGGAGAAGGAAAAAACCAGGGGAGGAAAAGGAAG GAAAAGGCAAGAAGGACAAGGAGAACAAAAGAGGGAAGGAAAGGGAACAC

AA $\operatorname{A} A \mathrm{~A} A \mathrm{~A} A C G G A A A G A A G G G G A A G G G G G G G G C A G A G A G A A C G G A A A A A G$ CAA GCCAGGGAAAAGGTTGGGGGGGGAAGGCCAGGGAAAAAGACGGAAAA CCACAGAACCGGGGAAAAAGAGAAAGAAAAAAAAGGGGCAAGGGGGGGGG G GCCGAGAGAGAGAAAGAAAAAAAAAGGAAGGAGCAAAGGGGGGGGAAAA AAAACCGAAACCTTGGGGCAGAAAAAGGGCGGCCAAAAGGCCAAAACCGA G G CCGGGGGGAAACGGAAGGAAGGGAAGAATACCAAGGCCCAAGGAGGG GCCGGGGGGAGGGAGGGGACAGAACAAGGGGGGAGGAAGACAAGGAAAA CGAAGAAGCACAAAGAAGAAAAAAAAAAGGAACCGGGGAAGGAAAACCGG GAAGAAAGCACGGAGAGAAAGGAAAAGGGGAAGGGGAAAACAGGGAAGGG CCGGAGAAGACAGGAAAAGGAAAAAAAAAGGGAGAAGGCCAAAAAAAAAA AGAGAAGGCCGGCAGACCGAGGAAAAAGAAGGGGGGAATTGGGGCAAACA GACCGAGAAAGAAAAATTAAAAGACCGAAGAGGAGGAAAAGGGGCCAAGG AA G G G GAGAGGGGGCCACGGCCGGAAAAGGAAGGAAACGAACCACAAAAG GGCCACGAAGCAGGGAACAGAGAAGGGGAAAACCGGGGAAGGAAGAGGG G G G G ACAGGGAAGGGGAGGGGAGGAGGGGCCAGACGGAGGGGAAGGAAG AAAAGGACAACAGAAAGGGGAGACAAAGAGACAGAGGGGGAAGGCAAGGA GAAGAAGAGCGGAAGGAGAAAAAAGGAAAAGGAAAACCACAAAAGAAGAA
 A G G G GAA $\operatorname{A}$ GAAGGGGGGAAGGGGGGAAGGGGAAGGAAAAGGAAGGCCGG AACCAAGGAAAAGGAACCAACCAAGGAAAAGGAAGGGGAAGGGGGGGGGG AAAAAAAACCCCGGGGGGCCGGCCAAGGCCGGAAAAAAGGCCAAGGAAGG G G G G G G A A A A A A G GAAGGAAAAGGGGAAAGCGGAAAGGGGGAAATAGGA AGGAAAATTCATAAAGAAGCAGAAGGGGGAAAACAAGGAACGGGGAGAAC AGGGAGGGAAAGGAGCCTTAACCAAAACCAAGGGGAAAGGGGGGGGGGG G G G ACAAGGGAAAAGGAAAAAAAGGGAGACGGAACCAAAGGGGAGAAGGG G G AAAAAGGGAAGAGAGGGCGGGAGAAAGAAGAGGGGAGACAGGCCCAAA AAAAAACCCCCCAGGGGAGGGGGGAAACAGGGGACCAAAAAAAAGGGAGG AAAAAGAAAGCAGGCCGGAAGGGGGGGGAGAGAAAGGAGGGGGGAAAAG AAAAGCGGAAGAGGGAGGAGGGGAAAACACCGAGGATAAGAAAGAGGCCC AAAAAAAAGAGGGGGAAGGGGAAGGGGGGGACAAAAAAAGGAAAAACGGA AGGGGAAAAAGGGGGGGAAGGAGGGAAAAAAAGAATTGGAAGGCGGGAA AAAAAAAAGAGAGGGGCCAAAAGAAAGAACGAGGAGGGGGCCGGAAGGGG AA G GAGGAGGAGAACCCAGGGGGGGGGGAAAACCGAAGAAGGGAGGGGG
 ACAAACAAAAGGCCGGAAAAGGGGGGAAAAGGAGGGGGAAAAGGAAAGAG GAAAAGGAGGACAAGGGGGGAAGGGGGGGGAAAAGGGGAAAAGGGGAGG GAAAAAAAACCAAGGGGAAGGTTGAAGACGGGGGAAAGGGGGGACGAGGA AGGGAAAGGGGCAAAGGGGAAAACAAAAAGAGAGGAACAGAGCAGAGCAG CGGCCGGGGAAGGAGGGAGCCAGAAGGAAGGCCCCAAGACCCCAGAGGGG AGGGAGGGGAAAAGGAAAAGGAAAGCCGGCCCCGGGAGCAAAGACACGGG G G GTAAAGGGGGGAAGGAGGGACAAGGAGAAGGAGGGGACCAAGGGGGG AA G G GAGGCCAAAGAGGGGAAGCCAAGGGGGGAAGGGAAGAGACGGCAA AACGAGGAAAACCGGCCAACCAACCGGAATAAAGGCCAAAAGAGGGGGGC G G G G G A GAGGGATAAACAAGGGGAAGGGGGGGGGGAAAAAAGGTTGGGG G G G GAA G GAAGGGGGGAAGGGGAACCAAAAAAAAGGCCAAAAAAAAAAAA GGCCGGAAAAAAAAAAGGGGGGGGGGAACCGGGGAAGGGGCCGGGGGGG GGGAAGGCCGGCCGGAAGGGGAAAAAAGGGGGGGGAAGGAAAAGGAAAA GGGGGGAAAAAATTAAAAAAGGGGAATTAAAAGGAAAAGGGGAACCGGGG GGTTAAGGCCAAAAAAGGAAGGGGAAGGAAAAAAGGGGAAAAAAAAAAAA
 AAACCGGAAGGGGCCGGAAGGGGAGAAGAGAAGTTAAGGGGAGAAGGAA GGCCAAAGCCCCGGAAAAAAAGAGGGAGGACCAGCAAGAGACGAAGAACC G G G GAGGGAAGGCCGGAGGGGGAAAAGGGGACCCGGGGAAAAAGGGAAA GAAAGAAGGGACCCCAAGGAAGGGGCCAAGGGGGGGGAAAGGGAAGGGA AGGGGAAAAAGGAAGGAACCGACCGGAGAGGGAAAAAGAAAAAACAAAAC G G GAGAGAAAGGCGAGAAAAGAAAAAGGAAAAAAGGGAAACCAAGAAGGA ACCAAGAGGGAAGAAAGGGGGGGGGGACAAAAAAGGGGAAAGGGGGGGA A G GAGGCGGGGAGGGCCGGACAACAGGAAAAAGGGAAGGAAGGAAAGAG CCGAAGAGGGACGGAAGGACAGGAGAGGAAGGGGCCAGGAAACCAGAGCC GGAAGGAAGGAGAAAAGAGAAGGGGAACAAAAGAAAAAACAAAGCCGGCC AAAAGGAGGGGAGGAAAGCCGGAGAAAAAAAGGGCGGGAACCAAAAAAGA

GGAAAAGGAGACAAAAGGGGGGAAAAGGAACAGGCAAGGGAAGGAAGAAA CAAACCAAGAAAGGAAGGGAGAAAAACCCCGAGGGGAGGGGACCGGAAGG AA $\operatorname{l}$ GGGGGCCACGGGGGGAAAAGGAGGGGGGGGAAAAAGGCGAAGGAAG GACAAGGGGGGAGCAAAAGGGAAGGAAGAAATTGGGGAAAAAAAAAAGGA GAAGGGGAGGAACAAAGCCGAAAAAGAGGACACAGACCAGGAAGAGAGGA GCAAAGGGAAGGGGGGGGAGAAACCGGAAAGGAGGAGAAAAGGAAAAGAA AGGAAAAAAGGACAAGGGGGGGGAACACAGGGGGGAAGACAAGAATTAAG A GAAAATAAACAAACAGCCGAAGAGGGTACCGGGAAAAAAAGGGGGACGG G G GAAGGGGAAACATAAGAAAGGAAGAGAGGAAGGAACAAGGGAAGACCG AA $\operatorname{l}$ GA $\operatorname{l}$ GGGGGACGGAAGAAGGGGGCCGGAAGGGGGGGGGAAGGAAGGA GAGGAAAGGGCAAGGAGGAGGAGGAAGGGGAAGAGGAAAAAGGGGAAAG AAAGGAGGGAAGGGAAGAAGAGAAGAGAGCCAAACGAAGAGCCAAGGGGA AGGGGGGGGAAAAAAAAAAGGGGAAAGGGGAAGGGGGCCAAGGCCGGGA AGGGAAGGAGAAAAAAGAAACCGGCAAAAAAGGAGAAAGGAAGGAGAGAG AAAAGGGGAGGGGGAAAAGAGAAGAGACAGAGCCAAGGCCGGCAAAGGCC ACGGGAAGGAAGAGGGGGAAGGGAAGAAGGACAGAGAGGGGGAGGGGAG GTTAGGGGAGAGGGGAAAACCCAAAGGAGAAAACCGGAAGGGGGAGAAAA AAAAAGGGGAAGGAGAGGGAGAAGGAGCAAAGGGGAAAAGGAAAACCGGG GAAAAAAAAGGGGCCGGGGAAAAGGAAAACCAAGGAAGGAAGGAAAAGGC CAAGGAAGGAACCAAGGAAAAGGGGGGGGGGGGGGAAAACCGGGGGGAA G G G GAAAAAAGGGGAACCGGAAAACCAAGGGGAAGGGGGGAAAAAAAAGG AAAAGGCCAAGGAAAAGGGGGGGGGGAAAAGGAAGGAAAACCAAGGGGAA AAAAAACCAAGGGGAAAAAAAAGGCCCCTTAAGGAACCAAGGAAGGAAAA G G AAAAAAGGGGAAAAAAAAGGAAAAAAAAAAAAGGGGGGGGAAAAAAAA G GAAGGAAAAGGAATTCCCCGGGGAAAACCCCGGCCGGGGGGAACCGGAA AAAAGGGGAAGGAAGGGGGGCCCCGGAAAAGGAAAAAAAAGGGGGGAAG GGGAAGGGGAAAAAAGGGGGGAAAAGGGGGGAAGGGGCCAAGGGGGGGG CCAAGGAAGGAAGGAAGGGGAAGGAAGGAACCGGAAGGAAGGAAAACCAA GGAAGGAAGGGGCCAACCAAGGGGGGGGAAGGAAGGAAAAAAGGGGCCA AAAAAGGGGAACCGGGGGGAAGGTTAACCAAAAAAGGAAAAGGCAGAAAG GCCAGAAAGAGCCGGGGGAGAAGCCCAAAGGAAGGAACCAGACAAAAGGC CAAACGGGGGAAAAGCCAAGGGAGGGGGGGACCGGGGGGAAGGGGAAAA GGGGAAGACAAACCGGAGCAGGAGAGGAAACGCCGGAGAGAAGGCCAGGG AA $\operatorname{H} A A A G G A A G G G G G G G G A G G G G A A G A G G G G G G G A G A A T T A A G G A A C C G ~$ GGAAAACAAAAAAAAGAAGAAAGAGGGAAAAAACCAGAAGAGGCCGGCAG GAAAAAACCAAGGAAACAAAAAGGGAGGGAAGGGGGGGGCCGGCAAGGAA G G G A GAAAAAGCAGGAAAAAAAACCAAGGAGAGAGCCAAGGGGGGGGGGG G G GAAAAAAAAGGGGCGGGGAGGAGGGGGGGAGGGAAAGGAGGAAGGGG AA G G G GAAAGAGGGAACAAGGGGGCCGAAAAAAAAAGGGGAACCGGAATT CCAAAAGGGGAAAAGGAAGGAAGGGGGGAAGGGGAAGGAACCCCGGCCG G G G A A G G A A G G A A G G A A G G AAAA G G G GAAGGGGGGGGCCAAGGAAGGAA GGGGAAAAGGGGGGAAAAAAAACCAAAAAACCTTCCGGGCAAAAAAAGGG AAAAGGAAGGAACCGAAAAGGGGGGAGGGAAAGACCAAGGGAAGCAGGGA GGAGAAGGAAGGGGGGGAGAGAGAGGGGAAGGGGAAAAAAAAGGGGGGG GAAAAAAGGCCGAAGGGGATAAAGGGAGAGAAGACGGAGGACGAAGGAAA AGGAGAGAGAGAAGGGGGGGGGGAGAGGGAAGAAGGAAAAGGGACGGCC AAAGAAAGCCGAGCAGGGAGGGAAAGGGAAGGGGAAAAAAAAGGGGAAGA G G A G A G G A A G G G G G G G A GCCAGGGAAGAAGGGGGGGCACCGGAGAGAGG AGGGAGAAAGGCAAACCGGAAAACCAGGGCCGGGGCAGGAGAGAAGGGAG G G G GAAAGGACACACGAGAGAAAAAACAAGGAGGAACAGAACCAAAGGAG AGGAAAAGGCCAAAAGGGGCAAAAAGGGGAAGGGGAAACAAGAGGGGAAG GGGCCGGCCGGAAGGAACCGAAAGACAAGGGGAAGAGCCGGAGAAGGGG G G G GAA $\operatorname{A}$ GAGAGAGAGGGGGGGGGCCGGGGAAGGGGGGAGGGAGAGGAG AGGAGAGGAAGAAGGGAGAAGATTAGAAGGGGGAGGAAAGAGGAGGGAG GAGGCCGACCACAAGAAGGGAGGAACGGGGAGGAAAAAAAAACCGGCGGG A GAAAAGGGAGAAAGGAACCGGCACCAGGAAAAGAAAGGAGGGGCCAAAA AA G G G GCCAAGAGGGGAAAAAGAAGGAAAAGGAAGGGGGAAAAACAGGAC AAAAGGGAAAAGGGCCCCGAAAAACAGGAGAGGGAAAAAAGGGAAGAGGG G GAAGGGGAAAAGGAAGGGGAGGAGGAGGAAAAGAAAAACAGCAGAAGAG AAGAACAGAAAAGAGAAAGGAAAAGCAGGGAGAGAGGAAAAAGGAAAAGA GAAGAAGACCAAGGAGGGAAAAAAACAAGGCCAAGGAAAAGGAAGGGGAA

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GAGGGGCAAAGGGAAAGGGGGGGGAAGGAACCAGAAGAGGAGGGCCAGA AA G GAGGGAGGAAGGAAAAGGAAAGGAGGGGAAGGGGACCCAGAAGGGA AACCAACACCGGAAAGGGGGAAGAGGGGCCGAGGAAAACAGGAAGAAACC AAAAAAGAGAAACCCCGGGGCCGGAAAAAAGAAGGGAACCCAGGGGGGAG GGGGAAGAGGAAGAAGAAAGGGAAACAGAGGGAAGGAGCGGAGAAGGAG AGGAAAGGGGGAAACGAGAGAGGAGGGGGGGAAGGAAGGAAGGGGGAAA GAGAACCAAGACAAGGGGGGAAAGAAAGCAAGAAAAAAGGAACCGGAAGG GGAACCGGGGCCAAGGAAAACAAGCCGGAAACGAAAGGAGAAGGCCAAGA AAGACCAGGAGGAAGGGGGGGGGGAAAAAAAAGGGGGACCAAAAGGAAAA GAAGGGGGAAAACAGGGGGAAGGGGGAGGGAAGGGGGAAACCCCAACCG GAAGGAAGGCCGAAATAAAGGGGAAAAAACCGGGGAAGAAACGAAAAAAC CGGCCAAAAGGAAAAGGGGAAGAGGAGAAAACCCCGGCCAGAGAAGGAAG GGGGGCCGGGGGGAACCCACAGGAGAAAACAAAAAGGGACCCCGGAGAGA AAAAGGACCGGAAGAAGAGGGCCGGAAGGAACCGGAGGGGGAAAAGGGG GGGGGGGGGGCAGACAAAAGAAGGGGGAAGGGAGAGCAGGGAAACCACG GACGGCCGGAGGGGGAAGGGGAAAAAAAGAGACGGAGAAGGAACCGGAAA GAACCCCAAGGGAGGCCCCAAAAAAAAGGAAGAGACCGGAAAAGGGGAGA AGGGGAAAAACGGGAGGGGGGGGGGGGGAAGAAAACAGGAGAAGGAAGG GGGAAAGGGGGGAGAGGGGAGAGAGGGGGGGAAGGAGGGAGGGAGAAGG AAAGGAAGAAAAAGGCCGGGAGGAAAGAAGAGAAGAGAGAGAGAGAGGGA GAGAGGAAGGGAGGGAGGAAGAAGGAAAAAGAGAAGGGGGGGGGGAAAA AAAACCGGAAGGAAGGCCGGGGAACCGGGGCCGGGGAAGGGGGGGGGGG GAAAAAACCGGAAGGGGGGGGCCGGAAAAAAAAGGGGAAAAGGAAGGAAA AAAAAGGGGAAAGGGGGAAGAGACCACCCAGCCCACCAAAAAAAAGGAAA GAAAAAGAAGGGGAAGGAAAAAAAAAAGGGGGGTTAAGGAAGGGGGGGG GGGGAAGGAAGGCCAAAAGGAAAAGGGGGGGGAACCGGAAAAGGGGGGC CGGGGAAGGAAGGAAGGGGCCAAAAGGAAGGAAAAAAAACCCCCCCCAAA ACCCCAGGAAGAAAAAAGAGGGGAAAAAGGGCCAGGGAACCGGAGGGAAG GAGGGAGGGGGCCAAAACCGAAAGGAACCCCAAAAAAAAAAGACCAAACC AGGGAAAGGAAGGGGAAGGAAGGCCGGCAAAGGGGGAGAAAAAGGAGCC GGACGGAAGGAGCGGAAGGGCCAAACGGGGAGCAAAGGAACAAGCCGGGA GACAAGGGAAGGAAGAAGAGAAAACAGGGGGGCCGGAAAAAAAAAGAGGA AGGGGGGGGGAAGGACAAGAGAAGAGGGGGGAGGCCGGAAAGGAAAGGG A G G GAAAAGAAGAGGAGGGGGGGGGGGAAAAGGGGAAGAACGGAGCAAG GGCCGGACACAAAACCGGGGTTGGAAAGAAGAGAAGGAGGGGAAGGCCGA AGGGGAAGGAGGAAAAAGGAAGGGAGAAAAGGAGCCAAAAGAGGGGGGG A G G G G G $\operatorname{la}$ - GGGGAGGGGGAGGGGAGGGGGGGGGGGAGGGGAAAGAGG GAAGGAAGGAAGGGAGAGGGAAGGAAGAAAGAGAGGGAAAGAAGAAGAAA GACAGAGCCGGCAGGGGAAAGACAGAGGAAAAAAAAAAAGAGGGGCAGAC CCCGGGGAGGGAGGGAAGGAAAACCGGGGGGGGAACCCCGAGGGGAGGG GGAAGGGGCAAGAGGGGGAAGGCCAAAAGGGGCCAAGGAAAAAAGGAAAG GAAGGGAAGGGGAAAAGGGGAAGGAACCGGGGAAAGAAAAAGCCAAAAAG AGGGGAAAAGGAGAGAAAAGGAAAGAGGAGGAGAACGGGGGGGAGGGAA GCAGAAACCGAGGAGAGCAGGAGGGGGGAAAGGGAGAAGAACCGGAAGG AAGGACAGGAACAAGGACAGGAGGACAAAAAAAGGGGGAGAGGGGAAAGG GGGGAACCGGGAAGAGGGAAGGGGCAGGGGAAGGCCCAAGGGCCGGACG GAGACAAGAAAGGAGGAAAGAGAGCAGGAGAGAAGAAAGGGGGGGCCAG GAGGAACAGAAGGAGGAGGAAGAGGAAAAGAGGGGACCGAAGGAGGGGC CGGGGGAGAGGGGGAGGAGAGAAGGGGAAGAAGAGGGGGAAAAGGGGGG AAGGAAAAAAAAAAAAGGAAGGAAAAAGAAGGGGAGAACGGGAGGAATAG GGAGAGAAGGCCCCAGAGAAGATTGACAGAATAGCAAGGAAACCAAGAGA AGGAGAGGAAGGAGAAGGCCGGGGGGAAGGGGGGACGAAAAACCGACCA GCAGGAAGGAAGAGGGGAAAACAAAGGGGAGCACACCCAGGAACCGAAAG GCAGGGGGGCCAACCGGGGAAGGGGAAAAAAAAAAAAGGAAAAGAAGAGG AGGGAGGGGGGCCAACGATAACCAAGGGGAAAGAAAAGGAAGGGACCGGC AAGACGAGAAAAAGGAAAGAGAAGGACAGAAAGGGGGGGAAAAAGCCCCA AGAGGAAAAGGAAAACCAAAGAGGGGGAATTAAAAAAAAATAGCCAAAAG GGAAAAAGGGGCCAAGGGAAAAGAGACAAAAGGGGAAAAGGAAGGGGGG GGAGGGAAAAGGAAAAGAGAAGAAAACGAACCGAAAGGAAAAAAGGGAGG AAGGAGAACCAGGGGGAAAGGGCCGGAACAGGAAAGAGGACCAAAGAGGA AGGAAGGGGAAAGACCTTGAAAAGACAAAAGGGGCCGGAAGGAAGGGAGG

GAACAACAAGGAAGGACCAGGGGGAAAGAAGGGCGAGAAAGGGAGGGAAA AA G G GGGGCCCCAAAAAAGAAGGGGGCAAAGGAACCAGAGGGCAGGAGAG GGAGCAGGAAGGAAGGAAGAAGGGGGGAAGAGGGAGAAGGAGAGGGAGG GGGGAAAGGCCAAGGAAAGAAAGGAACGACAAGCAGGGAAAACCAAAAGG
 G GAAA G GAGGGGACAAAGGGGGACGGAGAAGGAGGGCCAGGAGAGAGGA GGGAAGGAAAAGGAAGGAAGGACAAGGAAACAAACGGGGAAGAAGAAAAC CAACCAACCGGAGAGAAGAAAAAAAGGGGAAACAAGAGAAGAGGAAGGGA AAAAAGGACAGGGCCGGAAAAGGGGCCAAGGACGGAAGGGGGGCAGGGG GAACGAAAAGGGAGGAAACCGAGGAAAAGGGGAGGGAAGGAACCGGAAAA GGCCGGAACCGGGGGAAGGGGGGGAGAGGGAAGAAGGAGGAAGGAAAAA AGGGGAGGAGGGGGGAAGGGGCCAACCGGAAAAAAGAGGTTGGAAAAAG G G G GAAATCCCCAAGAGGACAGAGAAGGAAAAGGAAGGCCAACCCAGAGG AGAGAAGGAGGAAAAACCAAAAAAAAAAGGGGAGAAAAGGAAGGGGGAAG GGAGAAAAAAGGGGGAGGACGGCCGGGGAAAGAGGAGGAGAGAGAATTC CGAAAGGAAAGGGGAGGAGAGGGAAACGAGGAGAGGGGGAAGAAAAGAG AAAGAGCACCGGAGGACCCCGGAAAGAAAACCGAGGAAGGAAGAGAGACC GGACAGAAGAGGACCAACAAGGAACAAGAAAGCCAGGGGGAGCCAAAGGG AGAAAAAAAAGGCCGGGGAGAAAGCCAAACGGAGCCAAGGAGGGAAGGGG AAAAGGGGAAAGGGAGAGGGACAGAAGGGAAGAAGGGGAAAAAGGGGAA CAGAGGGAAGGAGAGAGCAAGAAGGGGAAGGCCAAAGAGGAAGGGAGAA G GCCAGAAGGGAGAAGGAGAAGAAAAGGGAGGAGGAGAAACAGGAAACGG AA $\operatorname{G}$ GGAGGAGGGAGGAACGGAAGGAAAGAAGATTGGGGGAAGAGAGGAG GAA G G G G G G A A CCGAGAGGGGACGGGGGGGAAAGGAGCCGGGGCCGGGA ACCCAAAAGGGGGAGGAGAGAGAGGAGAGGAAAAGGGAAAGGAAGGGAA GGAAGAACATTCCAGGAAAGGCCAGCCAAGAGAAAAGAGAGAAGGAGAGA GGGGCGGGGGGTTGGAAAAGGAACCAAGAAGGGGAAAGAGGAAGGGAAA AGAGGGAGAAAGGGAAACAAGGAACCAACCAGGGAACCAGAGGGAGAGCC AAAAGGGGGGGGGGGGGGCCGGGGGGAAAGGAAGAAAACAGGAGGAGAG AGAGGGGGAAAAGCCGGAGGGACAGGGAACCAAGGGATTAAAACAAGGAG GAGAAAGGGAAGGAGAAAGGAGGAGAAAGGGAAGAAAGGGGGAAGAAAA GGGGAAAAGGCCGGTTAAGGGGAAGACAAGGAAAAAGGGGAAGGAAGGAA AAGGAAAAAAGAAACCGACAGGAGAAAAGGCCGGCCCCGGAAGAAGCCAA AA $\operatorname{l}$ GGGAAAAGGAGGGAGAACAAAGGACGGGGAAGGGAAGAAGGGAGGG G G G A A G GAAAGGGGGGGAAGAAGGAGGCAAAACAGAGAGGGGGAACCAA GACCACGAGGAAAAGAGGCCGGGGGGGGGGGGAAAAAAGGAAGGCCGAA ATAGAAAGGAGAGACGGGAAGAAGAAGAAGGAACCAAAAGAAAAGACGGC AAAGAACGAGGCACCCCCCAGACGGAGAAGGAAGGGGGGGAGAACGGGGA AGAGAAGAAGAAAGGCAGGGGAAGGGGGGGAAGAAAAGGAGAAAAAGGG AACACAGAAAGGCCAACCAAAGGGAAAGGAGGGGAAAAGAGAAAAAGGAA CCGGGGAAAAGGAGCCAAAGCAAGGGAAGGCAAGCACAAGAAAGCAGAGG AACAGAGGACAAAAGGGGGCATGGGAGGAATAAAGGGGGGAAGGAAAAGG GGGGTTAAGGGGGGAGAAACAAAGAAAAGGAAGGAAAAAAGGAGAGGAGG AAGGCGATAAGAGAAAAAAGGGAAGGGATTACAACCAAAGAAGGGGAAGA GGTAGGAAAAAAAAGAGGAACAGGGGAACACAGAGGGGGGAAGAAAAAGG GAAAAAAAAAAAGAACAAAAAAAACAAAAGGGAAAACCGAGGAGAAGGGG AACCGGCCAGCCAAGGGGAAAAAAGAGAGGGAGGGGGAAGCAACGAAACA AGAGAAAAAGGGCCGGCCGGGGGGAAAAAAGGAAGGGGGGAAGGAAGGC CAAGGAAAAAAGAAAGGAAGGGACCAGGGAACCGGGGGGAAGGGGAACAG A G AAAAAGGGGGGAAAGAAGAGAGGGAGGAAGGAAGGGACAAAAAGAGGC A G GAACCCCAAGAGGAAAGAGGAGGAGGGGGCAGAGGAAAAGGCCGGGG AAGGAAAAAAAAAAGGAAAAAAAAGGAAGGAAGGGGGGAAAGGGAAAGGG AGACGGGGAACCGGAAAAGGCCACAACCGAGAAGAGAGAGAAGGAACGGA A G G G G G G GAACCGAAAAAAACCGGAAGGGGCCGAGAGGAAGAGGAGCAG GATAGGGGGAAGGGGGGGGGCAGGAAAGGGGCCGGAAGGGGAAGGGGGA GGAGCCGGAGAAAAGGGGGGGGAAAAGGCCCCGGAGGGAAGGGAGGGAA AA $\operatorname{GCA}$ C GAGAAGGGAGAAGGGAGAGGGAGCCAACACCAGGGCAGGGAGG GGCCAAAAGGAAAGGCGGATGGAAGAGGAGCCGGGGAGGACCCCGGGAAA GAGGCAGGCCGGGAGAGGAGAAGGAGAGCGAGACAAGAGGGGAGAAAAA GCCGAGGGAGAGGCCGAAAAAAAGGAGGCAAAACCGGAAGGGGGAAACAC CGAGGAAGGAAGGGGGAAAAAAAGAAAAAGGGGGAGACCGGGGGGGGCC

G GCAAGAGAGCAACGAAAGAAGGGGGCAGAGGGACCAAGGAAGGGGGAAA AAGGGGCGCAGGAAAAGGAAGGAAGGGGGGGGGAAAGGGGAGGAGGTAA CAAGGGAAAAGAAGGAAAGAAAGCCAAACCAAACCAAGGGGGGCCGAAAA AAGAGAGCAGAGAAGCCGGAAAGGGAGAAGAAAAACCAAAAAACCGGCAG AGGAAAAACAAAAGGCACAGGGGGGAGAAAGAAATGGAGAACAAACCAGG A G GAACCGGAGGGCCGGGGCCAAAAAGAAAACAAAGGGGAGGAGCAGGGC CAAAAGAAAGGGGAAGGGGGGGAGAGAAAAAAACCGGAAAACCGGAAACA AAAAGAACAAGGAAAGGGGGGAAGGAAAAGGGGAAGAAGCCAAGAAGGAG AAAGGGAGGAGAACGGGAAAAAGAGGAAGAGGGGAGAGGACCCAAAACAA AA $\operatorname{l}$ GGAGAGAAAGAGTTAATAAAACAGGGAGAAACAGGGAACCAAAGAGG ACGGGGGGAAACAAGGACAAGACGGAGGGGGAAGGAAGGAAAAAACCGGC CAAGGGGAACCGGGGGGAAGGAAAAGGAACCGGTTGGAAGGAAGGAAAAA AAAAAAAAAGGAAAAGGGAAAGGGGGAAAAAAAGGAAGGGGAAGGGGAAA ACCGGCAAATAGAAGGAAGGGAGAGCCGGGAGGAAGGAAAAAACCACGAG AAAAGAGAAAAAGTAAACCCCAGAAGAGAAGGGGGGGAACCAAAAAAAAA ATAAAAGGAGGCCAGACAAAGGGGGGAGAAGAACAAAAAAACAAAGGAGG GCAAACAAAGGACGGAAAAGGGAGGGGGGGGGGAAGGGACCGAGGGAGA GGAGAAAAGGGGAAGGAAAACCGGCCAGACGACCAAGGGAGAGAAGGGAA G GAAAAGGAAGAGGGGGAGGCCAATAAAAGAAAAGGAGCCAAAGGAAAGA GGACAAACGGGGAGGACCAAGGAGAGAAGGGGGGAAAAAAGGGGAGAAG G G G GAAAAGGGGAGAAAAGGGAAAACCAATTGACCCGATCCAGGGGGACG AGAAAGGAAAGGGAAAGCCAAGAGGAAAAGGAGAGAACCAGCAGGTTCCA GAAAAGGCCCAGAGAACAGAGAGGAGGAGCCGAAAGGAGACGGAAGGAGA GGAAGAAAGAAAAAGGGCCGGAAAGAAAGACGAAAAAGGGGACCCTAGGA AA G G G GAGAGCGAAGCATAGGGGGGCCAAGGGGAAAAAAGGGGAGGGAG GGGGGAGAAAAAAAGAAAGGAGAGACGGGGGCAGAGAGGAAAGGGGAAG GAGGGAAGGGGAAGAAGAGAAGGGGAGGGCCGGCCAGAAGACCAAGGGG GGAAGAAAAAAGGGACGGAAGGGGGGACGAACGGAGGAAAAACCGAACGA GGGGAGAAGGAGCAGGGGCAATGGGGAAGGCCCCGAGAAGAGTAGAGGG ACCAAAAAAGGCCGGGGGGAAAAGAGAGACAGGGACCGACCCAAAGGAAG GAAAAAAGAGGGAGAAGAAGGAAGGGGAGAAGGAGAAGGAAGAAAAGGG GGGAGGGGGGGGAAGGAGAAGAACAGAGGAGAAAGGGACCGGAAGGGAG AAAAACCAAAAAAGGGGAGGACCGACAAGAGAAGAGAGGAAGAAAAAATG GCCAGGGCCAAAGAAGGGAAGAAATAAGGCAGAAGAACAAGGAAAGGAAA AGGAACCGAAAGGAAAGCCCCAAAAGGGGAAGGGGAAAAGAGGAAAAGAA AGAGGCAGGACGAGACAAAAGGGCAAAGAGGAGAGAAAAGGCCGGAGAGG GAAGAGAGAGAGACCGGAAGGAGGGGAAGAGAAAAGGAAAAAAAGAAGAA AAAGAGGAGAGGGGGGAGGACTTAGAGAGGACCAAAGGGAAGGAAAAAAG GAGCCAGGGGGGGAAGAGGAGAAAAGGAGGGGGAAGGCACGCCAAGGAA CCAAAGAAGAAGAAAGCCAAGGAAGGCCGGAAAAGGAGAAGGCCGGGGGG G GAAAGAAAGGGAGAACCGACCGGCCGGCGGGGGCAAGGGGAAAGGAGG AGGGAGGAGCAGGAGGAGGAAAGGGGGGAACAAGGAAGAGGAAGGCCCA GAGAGGGGGGAAAAGAAGAGAGGAGGAGAAAAGGAACCGGGGAGGGCCG GGAGGAGGAAGAACCGGGGGGAAGGAAGGCAAGAAAGCAAGAGGGAGGA CCAGAAAGGGAAGAGAAGGAAAAGGACCGGCCAGAGGGGGACAGGGACAG AGGAAACCGGAGGAAAAGAAAAAGAAGAAGAGGAAACCAGGGGGAAAAAG AACCGGAAGGCAAGGGAGCCGGAACCAAGGAAGAGAAAACCCGGAAGGAG ACCCGGCACCCAACAAGGAGGGGGAAAGAACCGAGGAAGGAAGGGGGGCC G G C CA $\operatorname{G}$ GGGGACGGGAGGAGAGGGGGGGAGGAGGCCTTAGGAGGCAAAA GAGGGGAGAAGCGGGGGGACGCAACAAGGGAGGGGGGCCGGCAGGGGGG AAAAAGAGAGAAAGGGGGGGAAAAAGAAAGCACAGGAAAAGGAAGGAAGA GAAGAGAGGAGAACAGAGTAGAGGGGAAAAAAGGGGAAAAAAGGCCAAGG A GAA G G G G G GAGAGAAAAAACCGGAAAGGGGGGAAGCCACGGGGAAGGA AAAAGGGGAGGGGAAAAGGAGGGGGAAAGGAAGGAAAAAGGCCACGAACA CGGGGAGGGGGCAGGGGAAAAGGGGCCAGGGAAAGCCCCAGAAAAAACCA AAAAGGAGAGGAAGGGGAGCAGAAGAGGAACAGAAAGGGAAGGGGAGAG GGAACCAGAAAAAAAAGGGGAAAAAGGAGAAGCAAAAGAGAAGGAGGGAA ACGAGGACGGGGAAAAAAAAAGAAAGGGAAGGAGGGGGAGGGGAAGGGC CAAGAAGAAGGAAAAAAGAGGCAGGGAGAAGGGAGAAGGAAGGCCAAAAG GCCGGGAGGGAGGAGGAGGGGAGGAAAGGGCGAGGGGAGGGGAGGAGAA AGAGGGAAAAGAGGAACCAAAGGAAACCAAGGGGAAAACAGAGGGGGAGG

AGCCCCAACCAAGGACGGCCGGATGGGGAGGGGGAAAAGGAGAGAAGGGA G GA $\operatorname{G} A \operatorname{A} A \mathrm{G}$ GGGAGAGAAAAAAAGAAGAAGGGGAAGGAAGGGGGAGAGAA GAAGGGGGGACCCCCGGGGGAGGAAAAGAAGAAGGAAGGGGAAAAGAAAA AAGAGGGAAAAAGAACCGGGGAAGGAGGGCCAGGGGGAGGGGAAGAAAG AA GACAAGAATAAGACGGGGGGGAAACCAGAAGGGGTTAAAGAAGGAAAA AA GACCAGGAACAGAGAGGGGGAAAACCAAGGAGAGAACCGGAAAAGAGA GGAAGAAGAGGACCAAAAAGCCAAAAAAAACAAAAAGAAGGAGGGACCAA AA G G G G G GAAAACCAACAAAACGAAAGGAAAAAAAAGGAAGGAAGGAGAA AA $\operatorname{A}$ GAAGGGGAGGGGGGGGGGGAACCCGGAAGAGAAGGGGAGAAGAGGA AAAACAAGGGGGAAAGGAAGAAACAAACAAAAAAAAGAAAGGAGACAGGA AGGGAAGAGAGGGAAAGAAAAGAAAGGGACCCCAAAAGAGAACGGGAGGG AGGGGCCGACAGGAGCCAAGAAAAAGGAAAGAAAAAAAGGGCAGAGGAGG GAAAGGGAAAAAGGAAGGAAGAAAAGAAGACAGGGGGGGAAAAGGGAACA GCCGGGAAGAGAGAAAAAGCGAAGGGAGAAGAGAAAACAGGAAAAGGGGA AAAAAAAAAGGGGAGCCCCAAGGAAAAAGGGAAGGACGGGAGAGAGAGAA GCAGGGGGAAAAGGGGAAAGACAAGAGAAAGGGAAGACCAGAAGGGGGG AA $\operatorname{H} \operatorname{GGG} \mathrm{G}$ GGAGAAGGGGGAAAACAGGAGGGAAAAAAGAGGGGAACCGGG GA $\operatorname{G} A \operatorname{GAA} \operatorname{A} G \mathrm{G}$ GGGAAAAGGAAAGGGGGGGCCGGCCCCAAGGAAGAGGGA G GAAAGGAAAGAAGGAAACCGGACAAGGGGAAGGATAGAGGAAAAAGGAA G G G G G GCCAAGGGAAGAAAACCAAGGCCGGAGGGAAAAAAAAGGAACCCA GAAGAAAAAGGGACGGCCGATAAGAAAGAAAAGGAAAAGGGAGAAGGGAA AAAACCGGAGAACCACAAAAAGTAAAACGACCAAGGAGGGGAGGGCCAGA GAAGGACGAAGGACAAGGGGGGAAGGGGAAGGAAGAGGAAGGGGGAAGC A G G G G GAGGAGAGCCAAAGGGCAAGAACCGGAAAAGGGACAAGGGGAAAC GAACCAAAAGGCCAAAACCAAGGGGGGGGGGGGAGCAAACCCCCAAAAGG GAGAAGAGAGAAAGAAGCAAGGGAGAAACAAGAGAAGACTTGGCACACCA AGAGGTTAATTAAGGGAGAGAAAAAAAGGGAAGAGGAGAGGAGAAAAAGA AAGAACAAAAGGGGAAACCGGGCAAGAGAGGGCACGGGGGGAAAAGGAAG AAGAGCGAAAGTTAAGGAGACAGCAGGCCCCCCAAAAAGGGAAAAGGAGC GAAGAGGGGATACACCAAAAGCCCCGAGGAAGGACAGCCAGGGAAGGAAA CGGCAGGAACCGGGAGAGGAAACAGAAAAAGAGAAAGAAAAGGAAGAAAA GCAGGGGCAGGGAAAAGAAGGAAGGAAGGGGGGAAGGAAAGGGGAGGAA GGCCAGGAAAGGAAAAGCGGGAAAGGACGGGGTTGGCCGGGGGCGGCAA AACAAACAAAAAACAAGGGAAAAAGAGAGGGAAAAAAGGGGAATTAAGAA GAGGAAGAAGGCGGGAAGGGGGGGAAGAAAAAGAAGGAAAGAAAAGGGG G G A A A G G G G G GCAGAAGGGGGAGAAAGGGGGGAAGGGGGGAAAAAAAAC CGGGGGAAAGGAAGGAAGAGGAGTTGGAAGGAAACCGGGCCCAGAGGGG
 G GAAAAAAGAGGAGGAGAAGGGGGGAAAAAAGAAAAACCAAGGCCGGGGA AGGGGCAGAGGAAGGAACCAAAGAGGACCAAACAAAAAAGAAGAAATAGT TGAAAGAAAGGAAAAGGGACGCCGAGGAATTAAAAAAGGGGGGGGGGGGC CGGGGGGAAGAGGAAGGGGGGGGAAAAAACCAAGGGGGAGACCCAAGGG GGGGAAAAAAAAGGGGACGACCAAAAAAGGCCAAGGCACCGGGGAAAAGG AACCGGCAAACAAAGGCCAAGGGAAAGGGGAGGAAGAGAGAGAAAGAAGA CACAGGAAGGAAACGAGGGGAGAACCAGCACAAGCAGACCGGAAGGGGCC AGAGGGAGGGCAGAGGAAAGGGCAAGAAAAGGAAGAGAGGGGCCGAGGG AGGAGCCCCCCAAAAGAAAAAGGGGCAGAGGGGCCCAAGAGCCGGGAGGA ACCAACCCCCACCGGAAGGAAAAGAAAAAAACCGGGGGGAAAACAAAAGC A G A G A G G G G G GTTAAAAGGGAAGGAAAGGAAGGGGGGAAAAGAACGAAAA
 AA G GAGGAGAATGGAGCCAGAAGGCCGACCCCGGAACCAAAAAAAAAACC AAAAGGAAAGGGGAGGAAGGAACAAAGGAACAGAGGAAAGGGAAGGAGGA GGAACCGAGGATGGAGAGAAGAAGAAAAAGAGCCAAGGCCAGGGAAAAGA GAGGGAAGAAAAGGAAAGACAAAGAGAGAAGAGGCCGGAAAAGGAACCCC G G G G G GAA $\operatorname{la}$ ACCGGCGGGAGAAAAAAAAAACCAAGGGGAGACAGAGAAAA GGGAAGCACAGAGGAAGGAAGGAAAGGGCGAGGGCCCAAAAAGACCCCGG G G A G G G A G GAAGGAGGGAGAAAAAGGGGCCAAGGGAGGAAACAAGAAGA GAAGGAGAAAGAGAAGGAAGACCAGGGGACCTTGGGACCCAGAGGGCAAG GAGGAAGAAAAGGGGCGGACCAGAGGAGGTTAAAGAGAGAAAACCCCAAG A G A G G G G G G G G A A CCGGGGGGGGCAGGGGGGGGGAGGAAGGGGAAAGGG GGAAAACCAAAGGGGAAGGAGGGGGGGGAAAAGGAACCAAGGCCTTGGG

GGGAGAGAAGGAGAAAGAGAAGGAAAGGACAAAGGCCGAAAAAGGGAGAG GAAGGGGGGGAGGAGAAGGAGAAGGAAAGAAAAGGGGAGAAAGCAGGCA GGAGGCGGGGAAAGAGAGAGAAGGCCGGGGGAGCGAAAAAGAGAAAAAG GAAGGGGAAAATTAAGGAAAACCAAGGGGAGAGGGGAGAAGAGAGAAGCG AAAAGAAAAGGAGCCGGAAAAGAGACCCCCCAAAAAAAAGGCATTAGCCT TGGGCAACCGGGGGGGAGAGGAAAGGAGAAGAAAAGAGGGGAAAGGGAA GGAAAGGAGGGGGGAGAAGGGAAAAAACAAGGAAAGCAAGGAAAGGAAGG AAGGAAAAGGAAAGGAGGAAAAGGAGAAAAACGGGAGATTAGAGAAAAGG GGGGGGAAGGAGGGAAGGGGAAGGGGGGCCGAGGAGGGGGAAAGAAAAA GCCGGGGGACAGAGAGGGGGGGGGGGCGGAAGGAGAAACCCCCGAAGAA AGGAACAAAAAAGGAGCCAAAAGACCCCAAGAGAGAAAGGAGGGGGAAGG GGAAGGGGCCGAGGAAGAGAGGGAGGGGAAAAATAAAAGGAAGGAAGAG AAAGGAAAGAAAAAGGGAAATCAGAAGGGAGAAAAGAAACCCAAGAAAGA AGAAACCCCAACCAGGAGAAGAAGGAAAAAGAGAGAAGGCCAACCGAGAA AAAAAGGGGGGGGAGAGCCAAAGCACCGGGAAGGAGAGAAAAAAGACGGA GGGGAAACCAAGACCGGGGGGGGAAAGGGAAGGGGGGTAAAAAGAAAGA GGAAAAAAAAGAGGAACCAAGGAATTGGGGAAGAGGCCAAAGCAGAAAAG AACCAAGAAGAGGAAGAAAGGAGGCAAAAAGGGGGGAAGGCCAAGGAAGA GGAAGAAGGAGAAGGAAAGAAAGGAAGGAAGGAAAGGGCAAAAAAAAAAA AAAAAGAAGGGGGCGGGGGGAACCAACAGAAAGAGGGGATTAAAAGGGAG GAAAGAAGCCGGGGGAAGAGGGAAGGGGAGGGAGCAAGGACACCGGGGC CAAAAGAAAGAAAAGAAAGGAAACAGGCAGGAAAAAAAACCCAGGGAGAA CAGGGAAGGCCCCAGGGGAAGAGGAAGAGGAGAGGAAAAAAGACCAAAGA AAAGGGGAAGGCCCCAGGAGGCCGGTAAAAAGGGGGGGGGGCACCGGAA AGAGCCAGAGCAAAAGAGAGGAGGAAAAAGCCACGGGGAAGCAAACAAAC CCGGAACCTAGGGGAAGGAAAAAGAAAGGGAATTAAAAGGGGGGAGAAGG GGGGCCGGGAGGAAAAGGAGGGAAGGCCGGGGGGAAGGAAGAGGGAAGG GGGAAGGGAGGAACCGGCCAAGGAGGGAGAAAATTGAACGGAAAACCAGA AGGGGAAGGGGAAGGCCAAAGGAGGAAAAAAGAAAGAATAGGGAGAAAGA CAGAAAGAAAGAGGACCGGGAGAAAAGGGAAGGAAAGAGGGGGACCAGAG GAAGAGGGGAAGGGGAAGGAGAAAACAAGGGAAGGAGAGAAGGAACAAAG GAAAACCGAGGGAAAGGGAGAAGCAAGGAACGAGAAAGAAAAAAAAAGGG GAAAACAACAACCGGCAAAGGGAGGAGAAGGAAGAGGAGGGGGGACCGGG AGGGAAAGGCCAGGGGACCAGAGAGGGACGAGGGGGGGAAGAGAAAGAA AGAAGAGGAGAGAAAGGAGGACAACCAGAAGAGGAGAGGGAAGAAAGGGG GGGAGAAAGGAGAGGGAGGGAAGGAAGGCCGGAAAAGGAAGGGGCCGGG GAGAGGGACGGCCAGGAGGGGACGAATGAAAACTAGGGAGGGAGGGGCC AGAGAAAGGGGGCCGAAGAAAGAGGGAAGGAAGGAAAAAAAGACCCAGAG ACGGAAGGGGAAGAAAGGCCGGAAAAAAAAGGAGGAGGGGGCGAGAACAA GGGGGGCCAAGCAAAGAGAGAGAGAGAGGGAAGGACAGAAAGGAGGGGA GAAGGAAACGAAAAAGGGGAAAACCGGAAGGAGAAAAAATTGGAGAAACA AGGAGAGAAGAACCGAGAGCCACAAACGAAAAAGGGGAAAAAAAAAAGGG GAAACTTCAAAACACGGGGAACGGAAAGGCCGGGAGAGGAGAGGACAAAA AAAAGCACCAGGGGGGGGGGAGAGGGAAAAAAAAAGAAGGGGGGGACAAA GACGGGGAGAAAAGAGGGGAACCGGCCAAAACCGGGGAGGGAACCAAAAC CGGGGAAAGGAAGAAGGAGGGGGAACCAACAAAGGAAGAGGGGAAAAGGA AGGAAAAGGAGCCGGCACCAAGGAGAGGGGGGAGGAAAGAGGGGACCGA ACAGGAAAGGAAAGGAAAGGAAACGGTTAAAAGAGGAGAGAAAAAGAAAA GGAAGGGGGGAGGAACGAGGGAGGAAAAGGAAAAAGAGGCAGGACCAAAA AAGGAGAGAGAAAGGAGGAGGAAAAGAGAAAAAAAGACAAGGCCGGGAGA GGAAGGACCCGGAGGGGGGGAAAAGGGGAAGGAACCAAAAAGAAAGGAAG CCAGGGGGCAGAACGGCAAAAGGGCCACAGAGGAGAGAGACGGGGGGAA GAGGGAAGGAGAGAGGAAAAGGGGAGGAAAAGGAGGGAAAAGAGGCCAA AAGGAAAGAAGGAAGGAAAGAAAGAAGGGAAGAAAAGGGGACGGAAAAAA CCGGAAAAAAGGAAAAAAGGGGGGGGAAGAAAGGCCAGAATTGCAGGACC AGGGAAAAGGAAGGAATTAGGGGGAGGGAGAAGGGGGGAAGGGGAGGGA CGGAAAAAAGACCGAAGAGGGGAGGAAGGGGGGAGAGAAAGGGGGAAAA GGCCGAGGAAGGGAAGAAAAGGAAGAGAACAGGAGGAAAAGGAGGGGGG GAAGAAAAAGGCCGGGGAAGGGGAAGGGGAAGGGGGGGGAAAAGAAGGG AAGGAGAAGGAGGGAAAGGAAGGAAGGAAGAAGGAAGGAAGGAAAAAGAA GGAGGGGACCCCGGAGGAAAGGGAAGACACGGGGAAAGGAGAAGGAGGC

CCAAAAGAAGGCAGGAAAAGAAAAAGGGGACCCGAAGCCAGAAGGGGGGG GGGAACCGGCAAAAAGGACGGAAGGAAAGGGCACCAGAAAAAAGGAAAAG AGGGACCAAGGACACGGCAACAAGAAAGGAAGGAAGAAAGGGAGGGGGAG GGGAAGGAACAGGGAGGCCGGAAAAGGGGGAAGAGAAGAGGGGCAAGAC G GAGAGGGAACCCCGAGAGGAGAGGAGGAAGAACGGACGGCCGGATGAAA GACACCGGGAAAGAAAGGTAGGGGCCATGGGGGGGGGAAGAGGGGGAAG GCCAAAGCCAGGAAAAATTAAAAAAGGAAGGAAAGAGGAAAAAGAAAGGA AAAAAAAGGAACCCCCCAAAACCAAAAGAAGAAGGGGAAGGCAAAGGGGC CAAGGAAAAAGAGAAAAAAAAAAAAAAGGGGAACCAAGGCGAGGGAAAAA AGGAAAAGGGGGAACGGAAAAAAAGAAAGACAAAGGAGGCAAACCGGGAA GAGAGGAGGAGCAGGGGGAGACAAGAAGGAAGGAAAAGGAAAAAGGACCA AAAGGGAGGCAAAAAGAAGAAAACCGGCGAAAACCAAAAGAGAGGCAGAC AAGAGAGAGACAGCCGGAAAGGAGAGACAAGGAGAAAGAAAGGAAAAGGG ACCAAGGGGAGGAATAAAGCGACGGAGAAGACCGGAGGAAAGGGGGGGG AGAAAACCAGAGCACAAAGAAAGGGACGAGGAAAGAGGGAGGAGCAAGGG AGAAGGAAGGGGACAGAAAGACGACAGAAATTGACACCAAAACACCGAAG GAGGGAAAAAAAGGGGAGAAGGAGGGGGGGCCAAGGAGAGAGAGACAAA GGACACCGAGAAGAGGAAAGCGGAGAGCCAAGGAAGGAGAAAACCAGAAA AAAAAGAGGAAAACCAGAGGGAGAAGGAAGGGGGGGAGAGGGAGGGGAA AACCAAAAAGAGAGGGCAAAGGGGAAAAGGAAGGGGAAGGAAGGAAGGAA G GAAAAGGAAAAGGAAGGGGAAGGGGCCGGGGAAAAGGAAAAGGGGAAA AAAAAGGGGAAAAGGGGAACCAAAAGGGGGGTTGGGGAACCAAAAAAAAG G G G G GAAAAGGAAGGCCAAGGAAGGAAGGAAGGGGCCAAGGGGAAAATT GGAAGGAAAAAAGGCCGGCCAAAAAAGGAAGGGGGGAACCAAAAAAAAGG CCAA G GCCGGGGGGAAAAAACCGGGGGGGGGGAAAAGGAAAAAAAAGGG GGGGGCCGGAAGGGGAAGGGGAAGGAAGGAACCGGAAGGAAGGAAGGGG AAGGAAAATTAAAAGGAAAAAAAAGGAAAAGGAAAAAAAAAAGGAAGGTT AACCGGAAGGAACCCCGGAAGGAAAAGGGGAACCAAAACCAAGGAAAAAA GGAAGGGGAAGGAAAAAAGGCCGGAAAAGGAAGGAAGGGGAAGGGGGGA AGGAAGGAAGGGGGGAAAACCCCCCGGAAGGAAAAGGAAGGAAGGAAGGA A G GAAAAGGGGGGGGAACCGGAAGGCCGGGGGGGGGGGGGGAAAAAACC AAGGGGGGAACCAAAAAAGGCCGGAAAAAAAGGAGACCAGTAAAAGAAAA AAAAAAGGGGAAAGGAAAACAGGAAAAACCAACCCAACAAAGAGAAGGAA GGAACCAAGGAAGGAAGGAGAAAGGACAGGGACCAAGGGGCCGATAGAGA G G G GCCAA GAGGAAAAAAAAAAGGAAGGAAGAAGGGGGGGCCGGGGGAA GGGCAACAAAGAAGGAGAAGAGAAAAAGAGGAAAAGGAAAAGGAAAAGGA ACCGGGAAAAAGAAAACGGAAGGAAGGGAAAAAAGGGGAACGGACAAAAA GAGGGAAGGGGAAAGGAGAGAAAAGGGAGGGGGGAGAAGGGAACCGGGA A G A G G G A A A A A A CAAAGGGGGAAAAAAGGGAGAGAAGGGGGGAAAACCGG CCAGGACGGGATGGAGAATAAAAGAGAGGGAAAGGAAGGAGAGAGAAGAC A GAGGGAAAGGGGGGGAGGGAAACGGAAAAGGAAAGGGAAAACCGGCAAA AAAAAAAAAAAAACAAGAAAGAAAGAGGAGGGAGAGAGAGGGAAGCAGCC AGAGCAGGGAAAAAAAAAGGGGGGGGGAACGGAGGAGGCAGACCAAGAGA GGAAACAACAGGAAGGGGTTAAAAAAAAAAGGGAAAGACAAAAAGAAAGA GGAGAAAGAACAGGGACAAAGAAAGGAAGGAGAGAAGGGGAAAAAAGGAG GGAAAACCGGAGACGGGGGAGGAGGGAACGACACAGAGGGAACCAAAAAG AAAAGAACGAAGGAAAGGGAGGAACCAAAGAACCCAAAAGAGGGAGAGGG AAAAAGGGAAGGGGGGAGGGGGAACACAGAGGGGGGGGAAGGACAGAGA GAGAGAGCCAAAACCAGGGGGAAAGGGAGACGGAAGGAAAAAAGACCACG GAGGAAGAAAAGAAAAAAAGGAAAAGGAAAAGGAAGAGGAAAGAAACAGA AC GAGGAAGGGAGGGAAAGGGGAAGAAAGAAAAAGGGAAGGCCGGAAAAA G G G G G G G GAGGGGGGAAGGACAAAGAGCACAAAAAAAGGAGAGAAGGGA G G G A G GCCAA G G G G G G GAGAACCCAAGGGGAAGGAGACCCGGAGAAAAG GAAAAAGGGGAGAAAGGGGAAGGAACCGGAAGGCCAAAACCCCCCAAGGA AAAGGAAGGAAGAAAGAGGGGAAGGGGGGCCAAGAGGCAAGAGAACCCCA GGGAACCGGAAGGGGGAAAACGAACAAGGAAGAAAAGAGGAAGAGGAAGA AA $\operatorname{A}$ ATCAGAGGAGAGGAAGCCGAGGGGCCGGAAGGCCAGGGGGAAGGAA AA G GAGAGAGAAGGGGGGGGAAGGACAGCCAAGGAGAGAAGGAAGAAGG GGGAGGAGGGGAGAAAAGGAAGAGGAAGGAAAGGGAAAAGGAAGAGAAA A G G G G G G A A G G GAAAAGCAAGGGAAGGGGGGGAAAAGCAGGGAGGAAGG A G G A GACAAGAGGAGAAGGAGGGGGGACCAGCAGGAACCGGAGAAGGAA

GGAAAACCAAGCAAGGGGAAGGGGAAAAAAGGAACCAAAGAGAGAGCCGG CGGGACAACCAAGGGACCCCGGAAAAGGGGCCCCGGCCAGAAGGACGAGG AA G GAAAAGGGGAAGGAAGAGGGGAACAGAGGAAAGAAGGGGGGCCAAG GGGAAAGAGAGAAGGAAGGAGGGAGAGAAAAAAGAAGGAACGGAAGGGG AGGGAAAGACAGGGCAAAAAAAGGAAAAAAGGAAGACCGGGAGAAGAACC G G G GA GA GAGAGGGAGGAGAAAGGGGAGCAATAGACACGGACAAAAGGG
 AAAAAAAAAAGGGCGGAGAAGGAAAAGAAGAAAGACAAAAAGGGGAACGA AA G GAAGGCCAAGGGAGAGGGAAGGGGAAAGGGGAAGGGGAAAAAGAAC CAAAAGGGGGGAAGAGGGGCCCCAAAAAAAGTTGGAGGACCAAGGGGAAG GAAAAAAGAGGAAGGAACCAGAAAAAGAGCCAGGGAGGAGGGGAAAAACA A G GAGGGGAAGTTAAAAGGGGGGGGAAGGGAAGGGGGGGGGGGGGAAAA AA GAAAAAGGAACCGGGGAAAAGGGGAAGGAGGGAGAGAGCAAGGGGAG AGGGGAAAAAAAGGAAGGGAAAAAAGGGACAGAGCAAAGTTGAACAACCG GAAGGAGGAAAAAAACCGGGGAAAAGAGGAGAGAGAAGGAACCAACCCCG AAAAGGGGGCCCCCCGAAGGGAACCAACCAAGGGGGGACAGGGGAGAAGG GACCCGGGAAAAAAAGGAACCCCGAAAAAAGGAAAAGAGAAGAGGGGAAG GAAAACCGGGGAAAAGGGGAAGGGGAACCAGCCAAGGACAAAAGGAGAAA G G G G G G G G G A A G G G G A G A G G A A A G GAAAAA G G G GAGGGAAAAACCGGGG AAGGAAGAAAGGCCCCGAAAAAAAAAGGAAAAAAACGGGGGGAGGGGGAG ACCAAGGGGGAGAGAAGAGGGAAAGAAAGAAAGAAGGGAAGGCCAAGGGA AAAGGAAAGGCCCCAAGGCCAGAACAGGCCAAGGAAGAGGAAAGCAGGAG AAAACCAGAGGAGGCCGACAGGGGAAGACCCCAAGAGGGAGAAAAAGGGG AAACGAAGACAGAAAAAAATGGGGGGGGAAGGGGGAGGGGAGGGGGCCG AGGAAAAAAACCCAAGGAGGGGGGGCCAAAACCAAGGAAAAGGGGGGAAA AGGGGATGGGGAGGAAAGAGAAACCAAGGAAAACCAAGGAGGGGGAAGGA AAGGACAACGAGGCAAAACAAAAGAGGGGCCCCCCGGCCGAAAAAAAAAA AGAGGAACCGGGAGGAAAAGGAAAAAAAACCAAAAAAGGGGGGAATTAAG
 GGAGAGAAGGGGAAGGAGGGGAGAAGGAGGCCCCGGAAAGGGGAAGAGG GAAAGGGGAGAACGGCAGGGAAAGGAACCCAGAAAAGGAGGGAGGGAGAC AGGGGAAAGCCGAAAAGGAGATAACGGAAAAGGAATTAGAAGGACGGAGA AAAGACAGGGAAGGGAAAAGACAAAAAAAAAACGAGGCCAGAGGAAAACG AAA $\operatorname{l}$ GGAGGAAAGGGGAAAGGAAAAGGGGAAAAGGGGAAAAAAAAAAGGT TGGGGGGAAGGGGGGAAGGAAGGAAGGCAGCAAAAGGGAACGAGGAAAG GCACAACCGGGGAAAAAAAGCAAAAAGGATCCGACCACGAAGCGAGACCC AGGAGGGACCGGAAAAAGAAGGGAGGAAGGAAAGAGGGCCAGAGAGGGG G G G G G A G G G GAGGAACCAAAAGGGGAGGAAGGGGACCACGAGAAGGGAG AA GAAACCGAGGCCTTGGAAAAACGGAAGGGGGGGGGGAAAAGGAAGGGA AA G GCCAGAGGGGAAAAAGGAAGGAAAAAAAAAGGGAGAGAAGAGAACCC GAGGGACCGGAAAGAAAAGGGGAAAAAACCCCAAGGGGGAAGAACCGGAA GGAGAAGGCCAGGGGGAAGAAGCCGAGAGGCCCAAGAGGGGGAGCAGGG GGGGAGGGGCCGGAAGAGGAAAAGGCAAAGAGAAAAAGGGGAAGAAGAG GGAGAGGGGGGAGGGAGGAGAAGGAAGAAAAAGGGGGGGAGGAAGGAAA AAAAAAGAAGGAAGGAAAAGGGGCCCAAAACAAAAGGAAAGGGAAGAGAG GGGGGGAGGGAAGGGCCGAGGAACCAAAACCAAAAAAACGGCCAAGGGGG GGGAAGGGGCAGGGAAGCCGAGACCGGGGAGGGCCAAAAAAGACCAGGG AGAAACGGGAAGGGGAGGAAAGCCACACCAAGAGACACCCAGCCAAGAGG GCAGAAAGGGGGGAAAAAGGAGAAAAGGAAGGAAAGGGAAAAGGAAAAGA CCGAAAGGGAGGAAAAGGGGGGAAGGGGCAGAGAAGAGAGAGGAAGGAA GGGAAGGGGGAGGGGGGAAGCAGGGCCCAACAAAGGGTAAAGAAGAGGA GGAAGGAGAAGGGAGGACGGACCAGGGGGGGGGGAGAAGAGGAGGAAAA AGGCAACAGGAAAAGAAAAGGGGGAGCAGGAAGAGAAGGAAGGAAAAGAA AGGAAAAAAAAGGAAAAGGAGGGTTCGGGAAAAGAAAGGACAAAAAAACG AAAAGAAAAGAAAGGACAAAAACAGACAAAAAAAAAAAGCGAAGGAGCAC CAAGGAAGGAAGGAAGGTTGGGGAAGGAAGGAACCAAAGGGAGGGAAGAA G GA G G GAA $\operatorname{l}$ GGAAGGGGGGAGACAAGATTAAGGGGGGCCGGAAGGGGCC GGAACCAAAAGGTTAAAAGGAAGGAAAAAAGGAAAACCAAGGAAAAAAGG GGAAAAAAAAAAAAGGAAAAAGGGAAAGGGAGAAAACAGGAGCCAAAAAG AAAAGGGGGGAAGGTTGGCGGGAAGGGGGAGGAACCACAGACAGGAAGG AAGGAGAGGGGAGACGGGGAAAGAAAAGGAACAAGCCGAAAAAGGGGAGA

AACGGGAGAGGCAGAAAAGAAGGAAGGGGAGAAAAAGGGGGGGGAAAGG A G G GAA $\operatorname{AAA}$ AAAAGGGGGGGAGGGCCGGGGGGGGAAAGCAGGAAGGGGG GCCAGAAGGGAAGGGAGGGGGAGAGAAAAGGAAAAGGAAAACCGGGGGG GGACGGGACAGGAGGGACAGGAGAGAAGAGAAAACAGATTGAAAAAGAAG AGAGAGAAGGACGAAAGAGGAAAGACAAGACAGAAGCCAAAAGGAACCGA AGAGAAAGGGGGGGAAGGAACGGGAAAGCCCAGGAAGAAAGGAGGGGGG AAAAAAAAGAGAGGGAAAAAAGGAGGGGGGGGGGGAAGGAAGGGGCCAA AAGGAAGGGGGGCCGGAAAACCAAAAAAAAAAGGAAGGGGGGGGGGGGC CGAAACCGAGAAACCAAGAAAAAACGGGAAGAAAAGGCAAATTGGGGAGG AAGCCGGAAGGGAACAAGGGGAAAGAGCCAACGAAGGAGGAGAAAAGGAG GGACCGGAAAGGACCGGAAAGGAGAGGCACCAACCAGAAGAGGGGAGAAA AAAAAAGGGAAAAAGAAGGCCGGGGCCGAGGAAGGGGACGAAAAGAAAAA AGGAAGGAAAGGAAAGGGGAAGGGGGGAGAAAAAGGAGGGAAAGGGGTA GGAGAAGGAAGGGGGAGAGAGGGACGAAGGGGGGGGGGGAGGGAGAGGG AGGAAGGGGGGAAAAAGAAAGAAGAAGAAGGCCAAGGGAGGCAAGGGAAA AGAGAGGAACCAAAGAGGGAGAAGGGGAACAGAAGGGGAAGAGGGCAAGC CAGCAGGAGGAAGGGAGCAGGGGGAAAGGATGGCCAAGGAAAAAAAAGGA AGGAAAAGGGGAAAACCGGGAGGAAGGAGAAGGCCGGAGAGGGGGCCAG GGGGGGGGGGAGAGGGGAGGAGAAAAAACCCCAAGGGAAGGGGGTTAAG GGAGAAGGGCCGGAAGAGAGAAAAAAAGGGGGGAAAAGGACGGAAAGAAG AAAAAAAGGAACCGAGGGACCCAGGCCCCGGAAAGAGGGAAGGGGGGGGA GGGAGAGGGGGGGGGAGGAGGAACCAGAGGAGGGAGGAAGAGGGAGGGA CCGGGGAAGAAAAGAGAGGAGGGAAAGAAAGGAAAGGGGGAAGGCCGGA AAAAAGGGAAAGCAGGCAAAAAGGAAGGAGGAAGGAAAGAGAGGGAGAGG AGGAGAGGGAAAACCGGGGGGCCAGGGAAAAGACAACAAAAGAAGCCCCG GAAGGTTAAACAGCAAAGGGGAAGAAAACAAAGCCGGAAGAAGAGACCAA GGAAGGGAGAAGAGAGAAGAGAGAGGAAGCCAAGGGGGGGGAAAGGGAG GACCGGGGAAAGAAAGGGAAAAGAGGGGGGAAGGCGAAAAAAAAAAAAGG ACAAACTTGCAGGAACACACAGAGAGCAGGAAGGGGAAGGAGAGAGCCCC AGGGGAGGGAAGGAAAAGGAAAAAAAAACCAAGAGAAATAAGAAACAGAA GGGGGGAGAAAGCAAAAAAGGAAGAAGGAGAATAGGGGCAAAAGAGAAAA AAGCCGCCGGAAGGACAAAGCCAGGAAAAAGGGAGAAAGGGGGGAGGGGA GGAAGGGGGAAACAGGGAAAGAGGGAACCCAGGCAGATGAGGAAAAGAAC AGAAAACCAAAAGGCAGAAGCCGGGGTAGGAAGGAGAAAAAAGGGGGGGG GGAAAAGGGGACAAACGGACGAGGAAGGGAGGGGAAGGATGGCCAAGGG AGGCCTTCCGGCCAAGGGGGGGGGGAAAAGGGGGGAAGGAAAAGGGGCC GGAAAAAAAGAGGGGGCAAAAAGGAGAAGGCAGGAAAAAAAGACAAAAAG AGAGGAAAGACCAAGACAAGCCAAAGGAGACCAACAAGAGAAAACCACAA GGAAAGGAGGAGAGGGGGCCAGAAGGAGAAGAGGAAAGAGAAAACCAAGG AAGACAAAGGAGCAAAAGAGAACCGGGGGGCCAAAGGAGAAAGGCCCGCC AGGGGGACGGGAAGGAACGAAAGGAAGACCACGAAGCCAAAAAAAAGAGA GGAAAAAAGGAACCGGAGAGAAAAGGAGAACAGGGGGGGAAACCCCAAGG AACAAAGAGAAAAAGGAAGGGGGGAAGGGGAAAAGGCCGAAGGGAACCGG ACAAGACAAGGGGAAGAAGGAAGGAAGGGGGGCGGAAACAAATTCCAAGG CCGAAAGAAGACAAAAAAGGAAGGGGGGAGGGACGGGGAAAAGGACGGAA AGCCGAGAAAAAAGAAAAAAAAAAAGAAAAGGAAAAAAGGAACCAATTGG AACCAAAAGGGGGGAAGGGGAAGGCCAGAGGGGGGGAAGAAAAAAACCGG GGAAAAGGAAAAGGAAGGGAAAGGCCAAAAAAGGAAGGGGGAGAGGAAAA GGAACCAAGGGGCCAAAAAAAAGGAAGGGGAACCAACAGACCCCAGGAGG AAAAGGGAAGGAAGAGGGAAGGGGGGGGGAAACACCAAGGAAGGAAAAAC CCAAAAAAAAAAGGGGGAGACCGGGAAAAAGGAAGGAACCACGAGAGAGA AGAAGGAGAAGGAAACAAAGCCGGAAGGACAAGGAGAACGCCAACCCCCC GGCCAGACGGCGGGAGAACCCCAAGGAACCAAAAGGAACCGGGGAACAGA GAGGAGGGAGAGGACAAAAAAACCAGAAAAAAAAAAAAAAAAGGGGGGCC GGGGACCCCCGAAGAGGATAGGGGAGAGAAAAGGAGCAGGTTCCGGGGCC CGGAGGGGAGGGGGAAGAAAGGAGAAAGGAAAAAGGAAGGGGAGGGAAA AGGGGGAGGGGCAAAAGGGAAAAGAGAAAGGGGGGGGGGGGAAAAAAGG AACCGAGGAAGGGGGGCCAAAACCGGAAAAAGGAGAAAGAAAAAAAGAGA AGAACCCCAAGGAAAAGGAAAAAAGGAAAGGAAGGGAAAAGGGAGAACCC GCGGCCGGCCAGGAGGAAGGAGAAGAGAGAAAGGAGAGGAGGAAAGGGG GGGAAAAAAGGGGGAGGGGAACCAAGGGAGACCAGGAGGGAGGGAAAAG

GGGGGGGGACTTGGAAAGCAAGAAAAAAAAAAACGGAGAAGAGAAAAAAG GGAAAGGAAAGGAAGAAAGGCCGAAGGAAAGGAACCGAGGGGACAAGGGG AGAAAACCAGACGGGGAGGAAAAAAACCACGGGGAAAGGAAGGGAAGGAA AAGGACACGGGGCCAGCAGAGGCCAACCAGAAAAGAGGAGAAGACAAAGA AGCCGAAAAAAGAGAAGGAAGGGGAAGGAGCAGAGGAGGGGGACAAGACC GGGAAAGGAAAAGGCCGGAGGAGGAAAATTGAGGAGGGACAGGGAAAAG GGGAAAAGGGGGGAACCGGGGAAAAGGAAGAAAGGGAAGAGCCGGAAAAC CGGAGGAAAGGAGAAGAAGAAAACCAAGGGGAACCGGGGGGAAAAGGAAG GGAAAAAAACACAAGAACAAAAAAAGGGAGGCCGAGGCCAGAATTGGCCG GAAAAAAAAAGGAAACCGGACAGGAGGGAGGGGGGGGAAGAGGAGGGCC AAGGAGCCGAAAACAAGAAACCAAGGGGGAGGAAGGAAGGCCCCAAAAAA AGAAGGGAGGGGAAGGAAACAGAAAGATGAGGACGGGAGGCCGGGAAAG GGAAAGGAAGGGGGAAAGAAAGGGGAAGGAACCCGGACCGGAACCGGTTT TGGATACAGAAAGTTCCCAAAGGAAAAAGCCGGGAAGAAGAAGCCAAAAA AGGGGCCCAAAGGAAGGGGGGAGCAAGAACAGGGGGGGAAGAAAAAACCC GAGAGAAAAAGGAGAAGACACCAAGGAGGAAGGGACCAAAAAGAAACGGG GGAAAAGGGAGAGGAGGAAGACACAAAAGAGGAGAGAGGAAGGGGGGAA AAAAGGGGAACCCCAAAGGAGAACAACCCCAGAAGGGGGGGGCCGGGGGG AAAGAACCCCGGGGGGCCAGAAGACCAGGAAAAAAAGGGGGGAAAGCAAG GAGGCAGAGGAAGAACGGGGAGACAGCCGAAACCGGGAAAGGCAGGGGA GACAGAAGGACAAGGGGAAAAAAGGGAGAGACAAAGGAAAAAAGGCCAAG GAAGGGGGGAATTAAGGCCGGAAAAGGGGGGGGCCGGCCAAAAAAGGAAA AAAAAAAAAGGCCGGCCGGAAAAAAAAGGGGAAAGAGCCAGAAAAAAAAA GCAGAAACCAATTGGAAAAGGGGGGAGGGAGAGAGGGGAGGAGAAGGGG AA $\operatorname{l}$ GGGAAGGGAGAGGGGGGGAGAGGGGGAGCAACCGAGGAAAGGGGGG GAAGGGGGGAGAGAAGGAGATGGGGCAGGAAGGAAGGGGGGAAAACAGG GGGGCCGGAGAAAAAAGGCCCCGGCCGGAAAAAAAAGGGGAAGGCCAAGG AAAAAAAAGGGGGGGGAAGGGGGGGGAAGGGGGGGGAACCGGAAGGGGC CCCGGGGAAAAACGGCCGAAAGGCCGGGAGGGAGGAGCGGAAAAGGAGA GGGGGGGGGAACGGAGGAAAGGAAAGAAAGGGGGAGAAAAGAAGGAGAG AGAGAGAGGGGGGGAGAAAAAGGGGAGGGCCGAGAGGGGAAAAGAAAGG GGGACCGGGAAGACAAGGGGAAAAAAAACCGGAAGGGGGGGGCCAAAACC GGAAAAAAAAGGGGGGAAGGAAAAGGGGGGAAAAGGAAGGGGAAAAAAG GCCTTGGAAAAAGAAAAGGGAAGGGAAAGGGAGAGGGGACCAAGGGGAAG GCCGCGGCCGACGCCAGAGGGCAGGAAGGGGCCGGAAAAGAAAGAAAGGG GCAACGGGAAGGGAGGGAAGGAAGGGAAGAAGACCAGGAACAGAAGGAAA ACACAAGGGAAAAGGGGGGGAGGAGCCAAAAGAAAAAAAGGAAGGAAAGG AGGAGCCGGAGGAGAGAGAAAAAAAGGGAGGAAAGAAGGCCGGGGAAGAC CAAGGGGGAACAAGGGGGGCCGGGAACGAAGAAGGGAGGGAGGGGAAGA GAAAAAAGGGAGAAGGGGAGAGGGAAGGGGAGAAAAAACAAGGAGAGAAA GGAGGAGGCAAAGGAACCCCACGAAGGGCCGGAGCACAAGAAAAAAAAAA GGCAGGGGAAGGAAAACCAAAACAAGACAGAGAGAGAAGAGGGAAAAAAC GGAACCAGGGGGAAGGCCAAAAAAGGAGGGGGAAAACCGAAAGGAAGGAA AAGGAAAACCGGGGAAGGACAAAAAAGGAAACGGAAAAAGCCATGGGAGA AAAAGGGGGGCCAAGAAGAAAAGGGGAAGACGCCCCGGAAGGGGGACCGA GGGAGGGGGGCCGAAGCAGACCGGAGAGGATAAAAAAAAGGGGGACTAAG GAGGAAGAGGGGGGGAAAGGGGAGAAAAAAGGAACCACCCAGGGAAACGG GAGAGGAGGGGGAAAAGAGGGGGGAAGAGGAACCAAAAGAGGCCAAGGA AAAGGAAGAAACAAAAAACAGCAAGAAGGAAAAAAGGCGGGGAACAAGAA GGGCCGGAGGGAGAAGGAAGGAAAAAAGGGAGGGAACAAGAGAGGAAGG GAGGCCCAGGGAGAAAGAAAAGGGAACAAGGGGGAAACCCAACCAAAAAA GGAGCCAAGGGGAGCCGGAAGAGGGGAAAAGGAAACAGGGGGAAAAGGG GAAGGGGAACCAGGAAAAGAAAAAATTACGGAGGGAAAGAAGGAAGGGAA GAGCCGAAGGACAAGGGGGAAAGAAGCCCGAAACAGAGGGGAACCAAGAG GGACCAAAGAAGGAAGGAAGGGGGGAAAAAAGAAAGAAAAGGGGAAGGAG AGAAAAGGGGGCCAAAGGGAGCAAAGGGAGGGGGGAAAGAGAGGGAAAA AA G GAGGAGAGGGGGAGGGAGAAGCCCCAAGAAAAAAGAAGGACCAAGCC AGGGAAAAGGGAGGGGGGCCGGCACCCCAAAAAGAGGGAAAAGGGGAAAG AA G GAAGGAAGGGGGGAAGGGGGGAGGAAGACCCGGGGGGGGGGGGAAG AGAACTAGAGAAAAGCAGGAAGAGGGGAAAAGGAGAGGGGAAACAGGCAG GAGGGAAAGAGGGAAGGGGAGCAGGAAGGAAGGGGGGGGGGCCAAGGGG

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AAGGGGACGAAAAGGACCGGGGAACAGGGGAAGGAAAAGCGGGGAACGG ACCCCAAGAAAAAAGGGCCGGAAGGAAGGGGCCAGGCAGAGAGAAGAGAG GGGAGGGAGAGGAAGAAGAAGAGAGGGAACCGGGACAGGGGACAAGGGA AAAAGGACAGATGACCAGAAAAACACAACCGGAAGGAACCGGGGGGGGGA AAAAGGCCGGAAAAAAAGGAAAGGAGCCGGAAGGAGAGAAAAGGAGAACG AA G GCCAGAAGGAAAAGGGGAAAACCAAGGGGAAAAGGAAAAGGAGAAAG AAAAAGGGGGGGGAGAGGAGAAGGGGGAAAGGAGGGGAAAGGAGGAGGG G GAGGGGAAGAAGGAGACAGGAAAAGAAGACGCGGGGAAAGCCGAGAAAG AGGCCGAAAAAAAGAAAGGCCAAAGCCGGAAGAGAGGCCAAGGAACCAGG G G G CA $\operatorname{G}$ GAAGGGGGGAAGGCCACGAAGGGGGAGGAAGAGAGAAAGAAGG ACGAAAGACAAAAAAAGGGGAGCAAAACAAACGGGAAGAGAAAAGAAGGA GGTTGACAGGAGAGGACCAAGAGGCAGGGAGAGGAACCCCGGGGGGCCCC CCGGAAAAGGAAGGAGAACAAGAGGGGGAAGGGGAAGGAAGAGAGGAGA AAAAGGAAGGGGAAAAACCAAGGAGGAAAGACCAAGGAAGAAGAGAGCCA AAAAGGAGAGAAGGAAGAGGGGGGGCCAGAAGGAGGGCCAACCAGGGCCA AGAGGGGAGGGAGAAGAAAACGCCACAAAAGAAGGAAAAAAAGGACAAAG G GAGGAAGAGGAGAACCGGGGAAAAGGAACAAGCCGACCCCAGGGGGGG G G A G GA $\operatorname{G}$ GAGGGAGGAGGACGGGGGGGGAACCGGGGAAAAGAAAAAGAG AGAGAGGAAAAGAGAGAAACAAACCGGAAAAGGGGCAAGAGAGAAGGGGA CAACCGGAAAGGAGAGACAAAAAAAAAGGAAGGAAACAAAGAAGGGGAAG GAAAAAAAAAAGGGGGGAAGGGGGGGGGGGGAAGGGAAAAAAAACGGGC GGGAGGCAGGGGCCGGTTGAGAAAGGCCGAGGAAAGGGCCAAGGAAAAA GAGCAGGGAGGGGGGGGGGAAAGCCGAAACCAGCCAAGGACAAGGAAGG AAAAGGAAACAGGGGAAGAAAAGGAAAGAACCCCGGAACCAAGGGGGGAG CCGGAAGGAAGGAAAAAGACAGAAGGACAAAGAGAAGGCCAAAGAAAAAA GAAAAAGAAAAAAACCACAGGGGGAGCCCCAGAAGAAAAGGAAAGAGGGG GAAGGGAAAGGGAAAAAGGAGGAAAGAGCCAAAAAAAAGGGGCCAACCAG AACGAAGGGAGGGGGGAAGGAGGGAGAGAAGAAGCAGGAGAAAAAAAAAA GGAGGGAACCGGATGAGGCCAAAAAGGGGAAGACAGCAAGAAGACGAACC AGAAGGCCGGGGAAAACAAAACAAGAAAAAGGGGCCAAGAGGCCCCCACC GGGAGAGAGGAACCGGGAAGAGGAAAGAAGAAGGAACCAGAGGGAAAAAA AAGAGGGGGAAAAAGGCCCCGGAAAAGGCCAGAAAACCGAGAATAAAAAC A G A G GAAAGGAAGGAAGGCCGGGGAATACAAAGGGGGGAAGGGGAAACG GAACCAAGAGGGAAAGAAGAGAGGGGGAGGAAAGAGGCCAGAGACCCAGG AGGCAGAAAAGAGAATTAGAGCAGAAGAAGGGGGAAGAGAAGGGAAACAG GAA G G G G A G A CA G G G A A A G A A G G GAGAGGGAGGAGAGGAGCGAGGGGAA AGGGCAGGAAAAAACCGGAAGGAGGAAAAGATGGGGGGAGAAGACAGGGA AGAAGGGGAGCCAAGGGGGGCCCCCAGGAAAAAAGAAATACCAAAAACAA AAGGGGGGAAGGCCAGAGGGAACCGGAACCCCCCAGGAGAGAACAGAAGA AAGGAAGGGGAAAAAAAGCGAAGGACAACCAGAAGGGAAGAAAAGAAGCA AA GACCGGACGGGAGGGAAAGGGGCCGGGAAAAACAGGAAAGAGAGAAGG CCAAAAGGAAAGGGGGAAGGAAAAAAGGAAGGAACCGGAAAAAAACGAGG GGAAAAAGAAAGCCGGAAAAAGCCGGCCGGGGGGGGAAGGGGGGAAACG GGGGGGGGGGGGGAAAAAAGATTGACCGGAAGGAAGGAAGGACGGAAAG AGAGGAAAAAAGAAAAGGCCGAAAGAAGGGGGGGGGAAAGAGGGACAACA AAGGGGAGCCGGAAGGGGCAGGAGAAGGCCGGAAGGAAAAAAAAAAGGAA AAAAAAAACCGGGGGGCCAAGGGGAAAAGGGGAAAAAAGGGGGGGGAACC GGAAAAGGAAAAGGGGAAGGGGAACCAAGGAAAAGGGGAAGGAAGGGGG G G G AAAA G G G GAAGGAAAACCGGAAGGAAGGGGAAAAAAAAAAGGGGGGA A G G A A A A A A G G G GAGGGGGGGACCAGGAAGGAACCACAAGGAAGGGGGG GGGAGGAAGAAAGGTTAGAAAGAAAGGGCCAGGGGGCCAAAAAAGGAAAA G GAAGGAGGGGAAAAACCCCGGAGGGAGAAAACCCCAAAGGAGGAAAGGG A G G A G G G G GAGAAGACAGAAGAGAACCCAAGGGACCGGACGGAAAAGGAG GAGAGGGACAGAAGGGGGAGAAGAAGAAGGAAGGGGGGGGGGGAACGAA AAA $\operatorname{lng} \operatorname{GGGGAAGGAACCGGGGAAAAGGGGAAGGGGGGAAAACCGGGGGG}$ G G A A A A A A A A G G G GGGGCCAAGAAGGGGATTGGGAAAAGGAAGAACCAAAA AA $\operatorname{GAAA} \operatorname{la} \mathrm{G}$ GGAAGGGGAAAAGGGGAGAGGGAAGACAAGAAAAAAGGGGCC GGCCAAAGGGAAAACCAAAAAAGGAAGGGAGACCCCAACCAACCAACCAA G GAGGATAAAAAGGGGAAAAAAAAGAGAGGGGAAAGGAAGGAAACCGGGG AACCAAAGAACCGGAAAAGACCAAGGACGAAGAAGGACGGGCAAAGGAGG GAGAGAGAGAAGAAAAGAAGGAGAGACAAAGGGGAAGGAAAAGGGGCCCA

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 A G G GCCGGGGGGGGGGAAGGCAGGCCGGAAGGAGCCAGGGGGGGACCCC CCCGGAGCCCCACGAGAGACGCAAAAAGAAAAGGGAGAAGGGGAGACAAA CGGACAAGAGGGAGGACGGAAAGGAGGCCAGGAGGACAAGGAAGGAACCG GCCAAAAAAAAAAGGGGAAGGAAAAGGAAAAAAAAAAAAGGGGCCGGAAA AAAAAGGGGAAGGGGGGGGGGGGGGAAGGGGAACCAAGGGGAAGAGGAG GGTAAAAGAAGGGAAAGGAAAAAAGGGGGGAAAGAAGGGGAGAACCAACA

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G GAGAGAGAGGGGGGGAAAAAAATTAACCGGAAGGGGGAAGAAAAAGGAC CCAGGAAGGAAAGGGGGAACCAAAGCGCCAACCAAACAAGAAGAAAAAAA AGGAGGGAGAAAAGAAGGAAAAAAAGGCCAAAAGGTTAAAAGGGAGGGGC CGCGGGGAAGGAGGGGGAAGGGGAGAAGGGGGGAAAAAA领却AGGAGGG AACCAAAAGGGGAGAAGGAAAAGGAAAAAAGAAAAGAGAAACAAGAGGAA CCGGCCAAAAAGAACCCCAGGACACCAATAAAGACAGGAAGGGAGGGGAG G $\operatorname{G} \operatorname{G} \operatorname{GG} \operatorname{G}$ GAGGGGGCCAAAAAAAGACGGCCCCAAGGGGGGGGGGAAAAAAA AGGGCCAGAGGGAAGGAGAGAAAAGGGAAGAAAGAAACCAACCAAGGGAG GGGCAAGAGAAGGGAGGAAGAAAAGAAGGGGGGAAAGGGGAGCGGGACG GAAGGACCGGGGAAGACCAAGGGACCGAGGAAAACCGGAAAAGGAAGGGG GGGAGAAAAAGAGAGAAGACAAGGGAGGAAGGAGCCGGGGAAAGGAAGAA G GAA G GAA G G G G A A G G G G A GAA $\operatorname{AAGGGGGAGGGAGGGGGGGGGGAAGAG~}$ AAAGGGGGGAAGGAAAAAAGGCCAGGGAAAAAGAGAAAAAAAGAGGAAGA AGGAAGAAAGGCCGGAAGGAACGGGCAAGGGGGGAAAAACACCACGAAAG GAGAGAAGAGAAGAAGGAGAACAGGCAAGGGGGAAGGGGGGAAGGAAAA GGCCGGAGGGAAGGAAGGGGAAAAAAAAGAGGGGGGGGAGGGAGTTGAA GCCCCGGCCAAAAGGCCGAAAGGGGGGGAGAAGAAAAGAGGAAGGGGAAA GAGGGGAGGGGGAAGGGGGGGAGAGAAAAGGCCAACCGGGGAGAGACGA G G ACAGAACAAGGAGGGGCCAAAGAGGAGGAGGGGAGGGGCCAAGAGGG GAGCAGGGGCCGGCCAACCCCGGAAGGAAAAAAGGGGAAAAGGGGAAGGG GAAGGGGGAAGAGCGCAGGGAAAGGAAGGAAAAGGAAATAAAAAAGGGGG G G G G G A GAGGAGGAAGGAAACGGGGAGGAGGAAGAAGGGCAAAAACCAA GGGGAACCAAACAAAGGAAAAGGGCCAAAACCGAAGACCCGGAGCCAGGA G G G G G A A G G G C CA G G G G G G GAAAAAAAACCGGCCGAGAAGGGGGAAAGG G G G G GAGGAAAGAAAAGCCCAGGCAAAGGCCGGAAAAGGGGGGAAGGCCA AAGGGGGAGGGCCCCCCACGAAGGGAAAAGAGGCCAACAAAAGAGATGGA GGAAGGGAAAAACAGCCGGAACCGGAAGGAGGAGGAGGGAAAGAAAGAGG G G G G G G GCCACGGAAAAAGAGGGGGAACCAAAGAGAAAAAGCCAAGGAGG GGCAGGGAAGAACAACCGACCAGAGGGGCGGAGCCAGGGGGAGAGGGAA G GAAGGGAAAGGAACAAGGGAAACAAGACAAGGGAGGGAAGACAGGAAGA G GAAAAGGTTCCGGGGCCCCGGAAGGGGAAAAGGGGGGACAAAAGAAAGA AA G GCCAAGGAAAGGGAAGGGGGGGGGGGGGAAAGAGAAACAAGGGAAA GAAAAAACGACGGAAAGGGGGGGAGAAGGAGGGGGGGGGAAAAAAGAAG GAGAGAGGGGAAAAGGAAAAGGACACAAGGAGCCCAGAGAGACCAGGGGG AAAAAAGGAGAGAAAAAGAAGAAAGGAAGGAGAGAAAACCGAGGAGCAGG AGCCGAAAGGGAGGAAGGCCACGAGGAGAACCAGGAAGGGAGAGAGGAGA A G GAAAGGACAAGGGGGGAAAAAGAGGAAAGGGGGGGGAGAACCGGGAC A GAGAGGATGAAAAAGGAGGGACACGGAAAAAAAGAAAAGAGGAAAGAAA GAAAAGGAAAAAAAAAAAAAAAAAAAACCAAAAGGCCGGAAGGAAGGCCA ACCGGGGGGGGGGAAGGAACCGGAAGGAAAAAAAACCAAGGAAAAAAAAG GAACCAAAAGGAAAAGGAAAAGGAAGGCCAAGGCCGAAGGAGGAAGAGGC AAAGGAGAGAAAGAAGAAAGGACGAAAGGAAAAAAAAAGGACCGGGAGGA AGGAAGGCAAAGGCCACAGGACAGGGGAAGGAACAAAAACCGGGGCCAGG AA $\operatorname{A}$ GGAAGGGAAGGGAAGGGGGGAACCAAGGGGGGAAAAGGGGGGAACC GGGGAAGGCCGGGGCCGGAAAAAACCAAAAGGGGGGGGCCGGGGGGAAA AAAGGAAAAAAAAGGGGAAGGAGAGAAAGAGAGAAGGGGAAACGAAGGGG GAAGGGGGGGGAAGGGGGGAAAAAAGGAAAAAAGGGGAAAAAAGGAAGG AAAAGGGGAAAAAAGGGGAAGGGGGGGGGGGGGGAAGGGGAAAAAAAAG GCCGGAGAAAAGAGGAAAAAGGGGAGAGGGGCCGGGGGAAACCGGAGGG AA G GCCAAAAGGAAGGAAGGAAAGGGGAAGGAAAGAGAAAAGGGGGGGG GAAGGAACCGGGGCCGAGGGATAAGAGGGAAGGGAGGGGGGACCAGAGG AGAACCGAGAACAGAAGGAAGGAAGAAAAGACGAAAAGAGGAGAGGGGAA ACAGGAAGGAAGAGGGAGGGCAAAGGCCGAAGGGGGGGAAGAAAGGAAA A G GAGGGAA GAAAGGGGACAGCCGAAGAAGAAGAAGGGGAACCGGGGAAA G G G G C G A A A A G GAA G G G G GTTGGGGCCAAAAAAGGGGAAAAGGGGAAGG AGGGGGAAAACCGGGGAAAGGGAACCGAGGAAAGCAGAGGAAAAAGGGAA AAAAAAAAAAAAATAGAAGAGAAAGGTAAGGGGGGGGAAAAAAGCCGGAG G G A G A GA G G G G G G G G GCCGGGGGGCCGGTTCCAAAGAGCCGAGGCCAGG GAAAGGGAAAGGGAAAAAAAAGAGGAAGGAAGGAAGGCCAAGGAAAAGGG GGGAAAAAAAAAAAAAAGGGGAAGGAAAAAAAAGGGGAAGGAACCGGGGC CGGGGAAGGCCGGGGAAAAAAGGAAGGGGAACCGGAAGGCCCCAAAAGGG

G G G G G G G G G G G A A A A G G G G G GAAAAGGGGGGAAGGGGGGGGAAGGGGAA G GAAAATTCCGGGGGGGGCCGGAAAAAAAAAAAAAGGGGGGGGGGGGAAC CGGGGAACCAAGGAAAAGGAAAAGGAAAAAAGGCCGGCCGGGGGGGGAAG GAAAAAAAAAAGGGGAAAAGGAAGGAAAACCCCGGGAGAGGGGGGCAAAG GAACCAAATAGGGAGGACAGAGAGGCCGGGGAAGGGGGAGGAGAGCAAAA A G A G GAGAGGGAAAGAGAGAGGAAGAGGCGGGGAAAAGACCAGAAAAGG G GA $\operatorname{GAA}$ AGGGAAAAGGGGAGAAGGGGCCCCCCAAGGAAAAGGCCGGGGG G G G CA $\operatorname{G}$ GAGAGAAAGCAGGACGGGAGAGGAAGGAGGGGGAAAATTAGGG AGAGGGTTGGCCAAAAGAGAGACAGAGGGGAAAAAAAAAAAACCGACAAG AAAAGGAGAGAAGGGAGGAAGAGGAAAGGGGACCAAAGGAAAGGGGAGG GGGGGAGAAGGGGGAAAGGGAAAACAGGGAAGGAGGGAAGAGAAGGGGA AGGAGGCCAAGGAAAAAAGGCCAAAAAAAGGGAACCAAGGGCCAGGAAGC ACAAAGCCGGGGGGGCAAGGGAAGACGGCGCAAAGAGGGAGAGGGGGGG GCCAAGGAAAGACGGGAGGGGACAGAGAGCCAGAAGGGAGGAGGAGGGA G G A GAGGGGGAAGAGGAACCGAGGGAGGGGGGAGAGAGGGAGGGGGAGA AGGAAAGAAAAGACCAAGAGGGGGGAGAGGAAGGAAGAAGGACAAGGCAG GAGAGGGCCAAAGAAGAAAAAAAAAGGAAAAGGAACAACAGGGAAGGAAA AGAGGCAAAAGGACAGGGAGGGACCGAGAGAAGAAGGAAGGAACCGGGGA A G G A G G G AAAAAAGGGGCCAAAAAAAAGGGGAAGGCAGGAGGACCGAGAG GAAGGAAAAGGGGGAGGAAGGGGGAAGAAGGGGGGAAGAGGGAGGGGAA AAGGAAAACCAAGAACGACCAAAGAAGGCCAAAGAGAGGGGGGGAGCAGG G G A G G A A GAA G G GCGGGGAAGGAAAACCGAAGGGGGGGGGCCAGGGGGA G G A G G G G G GAGAAGAGGAGAAGAGAAAAAAGGGAAGGAGCCAGAGGGCG G GAAA GCAGAGGGGAAAAGAGGGAGGGGGGGAGGAAGGAACCGGGGAAA G G G G G G A G G A CAA $\ln$ ACCCCAAGAAAGGGGGGAGAAAGAAGAGAGGAAAAG GAGGAAGCCCACAAACCGGAAGGAAAAGGGGACCAAAAAAAGGGGAAGAA AACCCCAGGAGAGAAGGGAAAGGGGAAAACCAAGAGGGGGGGGAGAGGAA GCCCCGGCAAGAACCAGGGGGAGGGAGGAGGAGGGGGAGCAGGAAAAGG GGAGGAA GCCAGGGGGAAAAAGAGGAAAGGGGGGGGGAGGAGAAGGGGA GGGAAGAAAGGAGAAGGAAAAAGGAGGAACCTTAGGGAAAAACACAGAAA ACAACGACAAGAGAAAGAAGGGGGGGAGGGAGGAGGACAAAAAGGGGATT TGGGGGGGGGCAAGGGGAGCCAAGAAACCGGAAGGGGGGGGCCGAGGAA G G G G AAAAAAAAAAGGGAACAGGAAAAGGACCAGACGGGAAGGAGAAGCC AGGAAGCAGGAACCAAACAAGGAAAAGGAGGGAACAAGATGGAACCAAGG GAGAGAGGCCACGAGGGAAAAAAACCGGGGGGGGAAGGGGGGGAGGAAC AGACCAAAAAAAAAGAGGGAAAAGGAAGAGAAAGAAAGGAGACAAGAAGG A GAAACCGGGAAGGGAGCCAAGGAAGAAATTGGAGCCAAGGGGAAAAAAC CGGCAGGGAAGCAAAAAAAAAAGCAGACAAAAAAGAGGGAGAAAGGGATT AAAAAAGAGACGGAAAGAGAGCATTAACCGGAAGGAGAGAGCAAAAAGGA AGGGAACGAAGACAAGGACGAAGGAAAGGGCAAGGGGAAGGGACCAAAGG GAAGGAAGAAGAAGGAGAAGGAAGGGGAAAAGAACAGGAAAAGGGCCGGG GAAGGGGAAAAGAAAGGAAGGGGCCCCGGAAGGAAGGAACCGGAAAAAAA AGGAAAAAAGGAAAAAAAAAAAAAAAAAAAAAAAAAAGGGGGGGGAAAAG GGGAACCGGAAGGAAAAAAGGAAAACCAAGGGGAAGGGAAGAAAAAAGGA AGGAAAGGGAAGGAACCGGAAAACCGAGGGGGCAAAAGGGGAAAAGGAAG GGGAAGGGAAGAGAAGGGGGCGAAGAAGAAAGAGGAAAGGACCGGGGGG GGAAAAGAAGGAGGAAAAGGAAGGGGAAGGAGGAAAGGAGGAAAGGGGG GAACCAACCAGAGACGGCAGCGACCGGAGAAGAGGCGGGACGAGGGGAAA AA G G G G GCCCCAACAAGGAAACCGGGAAAGAAGGGGGGGCCAAGGGAAGG AGGAAGAAGAAAAGGGGCCCCGAAAGGGGAGGGGACCAACAGAGAAAGAG AGGAAGAAAGAGAAGACAAAGAGAGAAGGAACACAAAGGAGAGGAACGGC CAAGGAAGGAGGGGGAACCACCCGGAAGCGGGGGGGGAAGGAACCCACAA GACAAGGAAGAAAGGGGGAAGGGAAAGAAAAGGCCAACACCAAGACCTAG GAGAAAAGACAAGAAAAGGGGGGAAGGGACCCAGGGGAGACAAAACCAAG GCCGGAGGGGACAAGGACCAAGGAAGAGGAAAGGGAGGACCAGAAGGGA G G A A G G G G G GAGAGACAGGGGGCCAAAAAGAGGGGGAAGAAAAGGAAAA TAAGGGGAAGGCAGATTAAAAAAGACCCAAAGAAAAAGACCAACCTAAAA GAGGGCAAGAAAAGGAACCGGGGGGAATTGGAAGAGGACGCACAAAAAAA ATTAAAAAGGATTAAACAAACAAAAAAAAGGAGAAGGGGGGCCAGAGGGC AAGAGCAAAGGAGGGGAGGAGCCGGGAGGGGAAGGAAGAGGCCGGAAAA AAAACAAGAGGGCCAGAACCGGGAGAGACCGAAGGGAAGAAGAAAAGAGA

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A G AACAAAAAAGAGGGGAAGGGGAGAGAGGGGGAGAAGGAAGGGACCGG A GCCAAAGAAACAGAAAAGGCACAGGAAGAAAAGGCGGAGAGGAGGAGGG AGAGGAGGGGAGCCAGGAGGCCCCAGCCCCGGAGGGCCGGAGCAGGAAG AACAAGAGAGGGGAAGGACGGAAAGGGGGGGAAAAAGAGAACCGGAGACG GAAGGAGGAGGACAGAGAAAACCAAGGCCCCAAAAAAGGAAAAGGCCAGG GAGGAGACCGGAAAGGGGAGAAGCCGGAAGAAAGGAAAAAACCGGGGAAG GAAAAAAGGAAGGAAGGGGAAAAGGGGAAAAGGAAGGGGAAAAAAAAGGA AAAAAAAAAGGAAGGAAGGAAAAGGAAAAAAGGAAGGGGAAAAGGGGGGA A G G A A G G G G G G A A G G G G G G C CAAAAAAAGGGGGGAAGGGGAAAAGGGGGG G G A A G G A A A A A A G G G G G GAACCGGAAAACGGGGGAACCTAGAGAGGCCGG GGAAGGAAGGGGAAAAAGAGGGACGGAAGGGGGGAAAAAGGGCAGGAAA AAGGGAGGGGAAGGGGAAAGGGGAAGAGGGAAGGAAACCGACCGAAACCA GGGAAGGAAGAGGGAAGAAAAGAAGAAAAGGATGAAGAGGGGAAAGGAGA CCCGGGGGGAAAGGGAGGGAAAGAGGGGGAGGGAGAGGGGGCAAAGGCC AAGGGAAACGAGGAACGGACAAAAAGAGGGAGGACCAAAGGAGGCCAAAA AA G G GAAAAGAAAGCAAAAGAGGGAGTTGGGGGGAAGGAAATAACCAGGG AAACGAAAGGGGAAGAGGAGCAGGGGGGAAGGGGAAAGCCCCAAGGAAAA CCAAAAGGAAGGACGGAAGACCCAGCAGAACAGGCATTAAGGCCAAGGCC AA G G G GAAAAGGAGAGGGGAGGGGACGGAAAGGGAAAAAAGGAAGGACC A G G G ACCGGGAGGGAAGAGGGAGAAAACCGGGGAAGGGGAGAAGGGGGG GAAGAAGGAAAAGGAACCAAAAGGGGAAGGAAAAGGAAGGGGAAAAGGGG AAAAGGGGGGAAAAGAGGGAGGAGAGTTAAGGAAAAGGAAGGAAGGAAG GAAGGGGAAAAAGGGAACAAGAAAACGACAGAACAAAGGAACCACAGGAG AAACAAAAGCAAAGGAAAAAGAAGGGGAAAAGAGGGGGGAGAAGGGACCG GAGGGAAAAAGGGGGAGAAGGGGGAGAGGGACAGGCAGGAAAATATTAG AGCCACCAAAAGCCGGGGCAGGCCAAGGGACCAAAAGAGGGGGGACGGAA CCAACCAGAAAGGAGAAAAAAACACAAAGGCCACGAACGGGGGAAAAAAG ACAAGAGGAGGGGATAAAGGCGAAGGGGGAGAAGGGAAAACAAGGGACAG AGAAAAAAAGGGAAGGAAAACCCAGAGGAAGGAGGGAAGGAGAGGAAACC CCGAGGGGAAAACCGGCCCAGGAAGGAAAAAAAAAAAAGGAAGGGGGGAA GGAAGGGGAAAACCCCAAGGGGAAGGAAAAAAAAAAGGAACCGGAAGGAA G G G G G G G G G G G G A A A A G GAAAAGGGGGGAAGGGGAAAACCCCAAAAAAG GCCGGAAAAAAAATTGGGGAAAAGGGGAAGGAAAAGGGGAAGGCCGGCCG GGGAAAAAAAACCAAAAAAGGAAAAGGAAGGAAGGGGGGGGAATTGGAAC CAAAAAAAAGGAAAAAAGGTTGGCCGGAAAAAAAAAAGGAATTCCAAGGA AGGAAGGAAGGAAGGAAGGCCCCAACCGGGGGGAAAAGGGGCCAAAAAAG GGGAAAAAACCGGCCGGAAGAAAAAGGAAGAAATTAAAGGGCAGGACAAA AAAGGCCAAAGAAAGGGGAGCACGGTTAAGGGAAAAGACGGGGAGGGAGA AGGGGAAAAAAAAGGAAAAAAAAAGAAGGAAGAAAAAAAGAAAAAAAAGC CGGAAGGCAAACCAGAAGGAAAGGGGGGGCCAAAAAAAAGGCCAAGGGAA GAAGAAACCGGAAAAAACAAGAAAGGGAGGGCGAGAGACCCAAAGAAAGA CCCGAGGGGAAAAGAAAAAGGGAGGGAAGGGAAGGAAAAGAGGGAAAGGA AAAAGATAGGGAAAAGGAGAAGGGGGAGAAGGAGGAGCCGGCCGGGGCA GGCAGGGAGAGAAAAGGGAAGGGAAAACGGCCAAAACCCCCCGGCCACGG CCGAGGAAGGAAGACCAGGAGGAAAAAAGGGGAAGGGGGGAAGGAGGAA CAGAAAGGGGAAAAGACAAGAAAGGAAGAAGAAAGGGGGGGAGGAGAAGG GAAAAGGGGGGGCAAGGAGGGAAGGGGGAGAGGAAGGGGGAGGAAAACG AGAGGGAGGGAAGGGGAAGGGAAGAAAAAAGGAGGAGGACCGGGAGAGA G G G ACAGGGGGAAAAAACCTTAAGGGGAACCGAGGGAGGGGAAAATAGGA AGAAGCAAGGGGGCAAGAGGGGGGGAAAAGGAGATAAAGAAGAAGCAAGG GAGAGCCGGAAGGGAAAGGAGGGGAAGGGGAGGGGAGAACCGGAGGAGA GAGGCAGAGAAAAAGGGAGAGAAGGGAGGGAAAAAAAAGGCCAGGAGGG G G G AAAAGGGAAAAGGGAAGGAAGGACAGGGAGGGGAGGGAAGGGACGA G GAAGGAAGAGAGGGGAAATCCGAGGGGGGGGAGAACGGGGGAGAAAAG GAGCAGGAAGGGAAGAAGGGGGAAGACAAGGAAGAAAGAGGAAAGCCGGA AGAGGGACAGAAAACGGGGGGAAAGAGCAGAGAAAAGGGAAAAAAAACAC CAAAGGAGGGGGGGGAGAGGGGGAAAGGGAAGAAGGGGAAGAGCAGGGA AGAAGGAAGGAAGGAAGAAGAAGGTAAGACGGCCAAGGGGGAAAAGAAAG AGGAGGGGAAAACCGGGAGCGGAAGGAGAGGAGAGGGAAAGAAGACGAG AGGAAAGAAAAAGGAGAAACCTTGAGGAAGAGAACGGGGAGGAAAAACCA CGGAGGGAAGGAAGCAGCCAAAAGGAAAAGGGGAGGGGGAAGGGGAAGG

AAAAAAGGGGAAAAGGAAAAAAAGGAAGAGGGGGGAGGGAACGCCCACCC AA $\operatorname{lax} A \mathrm{C}$ AGAGGAAAAAGAGCCGGAGACAAGGAAGGGGGGGGGGAATTG GGGAAGGAAAGGGGGAGGGCCCCAGGAAGGACCAGGGGACCGGAGAAAG CCGAAGAACCGGGAGAAGAAACAAAAGAACAGAGATAACCGAAAAGAAGG GAAGAGAAAAGGAAAGAAGGGGCCAAAAAATTAAGGAGGGGAAAAGAAAA AGGAAGGAGCGAGAGAGAAGAAGGAGAAGAAGAGCCAAAACCAAAAACAA GGGGGGGAGGGGAAGGGGGGAGGGAAAAAGGAGGGGGACCAGGGAAGGA ATACAGAAAGGGGGGGGGGGGAAGGGAGAAGAGAAGGGGGGACAACCGG AGAAAGAGAAAAGAAGGGGGAGAGAGAAAAACGGAAGGGGAAGAAGAAGG GGCCCCAGGGGGGGGGAGGGAAAGCCAGAGAGGGGACAGAGGGAAGGGG AACAAAAGGAAGAAGAAGAAAAACCGGGGAGGAAAAGAAGAAAAAGAAAG AGGAGCAGAAAGAAAGAAACAAAAGAACCGGGGAAGGGGAAGGAACGGGA CGAGGGGAAGGAGGGAAGAGGGGAGGAAACCACGGAAAAAAAGGAGGAG AGAAGAGGGGAAGGGGGAGAGGCCGGAAAAAGGGGGAAAGGAAGGGGGG GGGGAAAGAAAAGAAAAAGCCGGGGGAACAAGAGAAGAAGGCAGGAAGGC CAGAAAAGGAAAGCCAAACAAAAAAGAACGGCCCCGGAAAAGGAGGGCCG AAAAGGAGAGGGAAAAAGGAAACACAGAGGAAAAAAGAAGGGGAAAAAGA CAAGGGGAAAAAAGGGGAACAAAGGGGAAGAAAGAGGTTAGAAGGAAAAG GAAAGGGGGGGGAGGAAAGAAAGGGGGAGAGGAGGGAGAGGGAGGAGAG GAGGAAAAACCAACGGACGGCCGAAAGAAACCCCAGCCGAAAGGGGGAAA AAGGGGAAAAGGCCAAGGAACACCGGAAAGGGAAGGGGCCAGGGCCGGCC GGGGAAGGGGGGGGAAAAGGAAAAAAAAACGGGGGGAAAAGGAACCAAAA GGAGAGAAAGGGAAGAAAAAAAGGAGGAAATTAGAAAAAGAAGAGGGAAA GGGGAAAAAAGAAGGGGACAAGAAGGGAAAGGGGGGAGAGAAGGGAGGA AGGGAGGCAGGGAAAGGGAAAAAGGAAAAAACAAAAGGAAAACGAACAGG A GAGGGGGGGGGGAAGGCAAACCGACCGACCGGACGGGAGGGACCAAAA GGAAAAGAGGAACCAACCCCAGAGAAGAACGGAGGGAGAAAGGGGAGGGG AGAAGAGAGGAAAGCAGGGCCAAAAAAGAAGGAGAACCGACAAGGGAAGG AGAAACGGAAACAACCGAAGAGAAAGGGGGGGCCCCCCCCGGGGAGAAGG GAGGCCAAAGGGAAAGAAGGTTGGGGGGCCAGAAGGAAAGAGGGGAACG AAAGGGAAGGGGGAGCCGGAACCAGAGAAAAAGAAGGGGAGAAAAGGGG GGAAACGGAAAAAAAAAGGGAAAAAAGGGGGAAAAAGGCCGAAGAAGAGG AGGAAGGGAGGAGGAAGAAAGAAAAAGGAAGGCCCCAGGGAGGGGAAACC GGAAGGAGAGAGAGAACCGGACGGGGTTAAAGGGACAAAAAACCCAGAGG GGAGAAAAGGAAAAGGGGGAAGGGGGAAAGGAGGAGAAGGAGAGGAGGA AGAGAAAAAAGAGGAAGGGAAAAGGAAAAACAGAAGGCCGGAGGAGGAAA AGGAGGGGGGGGGCAGAGGAACACCAGGGGAAGGACCGAGAAGCCCACCA GAAGAGGAAGGCCAAGGGGGGAGAAGGGGAGAGGAAAAAGGACGGGGAA GAGGGCAGAAAGAGGAGGAAAAGAAGAAACAGCCGGAAAAAAAAAGGGGA CCAGAAAGAGATGGCCGGAGGGGGGAGAAGAAACCAGAGAAAAGGGGGAA GAGGAGGAGGCCAGAACCGGAACAGAGGAAAGCCAAAAAAAAGAGGGGAA GGAAAAAAGGGGAAAAAGCCCAGGAAAGGAGGAAGGAAAAAAAAAACCGA GGCCGGAAAAGAAAGGAAAAGGCCAAAAGGAAAAAAAAGGGAGAAGGACA AGGGGGGGAAGGAGACAGGGAAAACCAGGGAAAAGAGAAGCCAAGGCACA GGAACACCAGGGGAAAAAAAAGAAGGTTAGAGCCACGGGGGGAAAAAAAA AAGGAGGAGGGAGGGGAAGAAAGAAAGGCCGGAAGGAAAAAGAAAAAGAA GAAAGGCCAAGGAGGGGGAAGGAAGGGGGACCCCCCCCAGGACAAAAAGG AAAAAAGGGGGGATAGCCGACCGGCCAAAAGGGGGGAAGGGGGGAAAAG GAAAAGGAAAAAAAAGGGGGGAAAACCGGGGGGGGAAAAAAAAGGGGGG GGGGTTAACCAAAAAAGGCCAAAAAAGGGGAAAAGGGGGGCCGGCCAAAA AA $\log \operatorname{GGGGGGGGGGGGAAAAAAGGAAAAAAAAAAAAAAGGAAAAGGAAAA~}$ GGGGAAGGAAGGCCGGCCAAGGAAAAGGGGAAAAGGCCGGAAGGGGGGA AAAAAGGCCGGGGAAGGGGAACCGGGGAAAAAACCGGTTGGAAGGGGAAG GAAGGGGCCCCAACCGGGGGGCCAAAAAAGGAAGGAAAACCAAAAAAAAT TCCGGGGGGAACCGGGGAAAAAAGGAACCAAGGCCAAGGAAAAAAGGGAC AAACCAAAAAAACGGAGAGAAAGAAAAAAGAAACCGGGGGGAAAAAAGGG GGGGGAAAAGGAGGACAAAAACAGGGGGGAGAAAAAAAAAAAAAAAAGAG GAGAACAAAGGCAAAAAACCAGGGGCACGAGAAGAGGAAGGGGAAAAAGG GAAGGGGAGGGAGGGAAAAAAGGAAGGGGAACCAAAAGGTTGGAAAAGGA AAACCCCAAGGAAGGCCGGAAAAAAGGCCCCAGAGCACCAGCCCCGGGGA AGGAAGAAAGGGGGGAAGGGGGGGGGGTTAAGGGGAAGGAAGGAAAAGG

G G A A G G A A G G A G GAGGAAAAAGGGGGGAGGGAGGAAGGCAGGGGAAAAG GAGAGGGAGAAAAAAAGGGAAGGAAGAAGAGAACCGGCCGGAAAAAACCC C G G G G G G TA $\ln$ CGGGGGGAACAAGGGGGGGAGGGGGAAAAAAAAGAGGAG GGAAAGAGAAGGAAGGAAAAAGCCGGAAGGGGAAGAGAAGGGGGAAACG GCAAGAGGAGGAGAGCCGGGAAAATGAAGGAGGAAGGGGGGAAGAAGAA G G GA $\operatorname{l}$ G G G CCGGAAAGGGAAGGGGAAGGGAGAAGGGGGGGAAGGAAGGG GAAGGGGAAGGAAGGAAGGCCAAGGAAAAGGGGAACCAAGGAACCGGGGA AAACCGGAAACAAGAGGAAAAAACCAAGAAGGAAGGAGGGGAAGGCCGGA CGGCCAAGGAGAAGGCCGGGGAAAAAAAAAAAAGAGGGAGGGGGAAGGGG AA G G G G G GAA G G G G G GAGGGAGAAAACCAAAGGGGGAGAACCGGCAGGG ACCGGGGGGAGGAACGACAGGGGGCAGCACCAAAAAGCCGAGGGGGGGG GGGAAGGACCAGAACCGGGGAAAAAACCGGGGGAGGAAGGCCAAGAGGCC GGAGAAACCAGAAGAAGAAGAAGGCAAAGGAAGGGAAAAAAAGAAAGGGA GGAAAGCACAGAAAGGCCGAGGGGGAGGGGCCGGCCAAGGAACCGGAAAA AAAAGAAGGACCGGGGAGAAGAGGGGGAAAGGGCGGGGGAGGGGGACCA AGGGACCGAGAAGAATTGGGCGGGGGGAAAAAAGGAAGGAGAAGGACAAA AAAGAGGGGGGAAGAGGAGAACCGGAGCCAAAGGAGGAAAATACACCGGG
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GGAAGGACAAAAAAGGAAAAAAAGGGCCAACCAAAAAAGGAAGAGGGGAG AA $\operatorname{GAGAGGCAGGAGGGGGAGCATAAACCGACACAACGAGGGGGGAGAAGG}$ AACCGGGGGGAGCAGAGGAAGAGGGAGGAAGAGAGGGGAAAAGAGAAGA GCCGGAGCCGGGAAGGGAGAGAAGGCCGGAGGGAGGGGAGAAAGAAAAG AAGGGAAAAAAAAACCAAAAGAACAAGAGAGAAGGGAAGGAAGGAAGAAA AA G GAAA GAAAGAAAAGGAAGGGAAAAAGGACAGGGGGTTGGAAAAGGGG GAGAAAAAGGGGGGGGGGGGAACAAGCCGGGGAAGGAACACAAGGGAGG GAAAAAAGGGAACCAAGGGAAACACAAAGCACCAGGACAAGGGGAAGAAA G G G A G G G G G G G A G A G G G G G G G G GAA G G A A CAGGGGAGGGAGAGAAGGGG AATTAAAGAGAAGACAGACCAAGGAAAAAAGGGAACAGGAGAGAGGGAAA AA GGGGAGGAAAAAAAGAAAGGCCAAAGACGGGGCCAAGAGGGGAAGGAG AGGAAAAAAAGGGGGGAAACGAGAGGCCAACAGAAGGAGAAAGGAAAAGG GAAGGAAGAAGGGGGGAAAAGAAAAGGGAGAAGGAAGAAAGGTAAAGGAG AGGAACGAGAGAACAGGGAAGGGGGGAAAAGGAAGGCCGGGGGGAAAGA A G G G G G G G G G G G G G A A G ACGAAGAGGGAAAGGGAACCGGAAGGGGCAGA AAGGAAGGAAAAAAAACCAAGGGGAAAACCGGAAGGAGAAAAAAAGAGGG A GAGGGGGGACCGACCGGGACAAGCCGGGGCCTTAAGGAAAGGGGGAAG GAAACAAGAGGCGGGGGAAGGAAGACCGAAGGAGGGAGAAGGAAAAGAAA AAAAAAAAACCCGGAGGGACAGGCCCCAAAAAAGGAGCCGGAAGGAGAAG GAGGAAAAAGGACAGAAACGGAGAACAAAAAGGGGGGGGAGCCGGGGGG G GCCACGGAGGGAAAAAGCAGGGGAAAAGACAAGAGAAAAGGCAAAACGG AAAAGGGAAAAGGGGGAGCCAGCCGGAGGGAGGGGAGGAGGGGAAAGAG G G GAA G GCCGGCCAAAAAGAAGAGGCAAAAAAGACGGGAGGGAAAAAAGG GGGAACCGGAACCAGGAAGAGCCAAAACCGGAAAACCAGAAGGAACAAGG GGGACAAGGAACCAGAAAAGGCCGGCCACCCAGAAGGGGGGAAGAGGAAA AAAAAGAAAAAAAAGGGCCAAGGCCAAGGAAAAGAGGAGGGGAAAGGAAA CAAAAGAAAAGAAAAGGAAGGAAGGGGAGAAAAGAGAAAAAGGAAGGAAA AGGAGGAGGGGAAGAGGAAAAGGGGGAAGAAAACAATGGAGGAGGCGGA G G G G G GCCAAGAGGAGCCCCAGAGGAAACAGGGACCCCGGGGAGAAAAAA G G G G G A A G G G GAGGAGGGGGACCCCAGAAAGGGGCAGAAACCGGAACCA AGGAAAGGGAAGGAAGGGGAGAGAAGGAGAAAAGGCAAGGGCACAAAAAG AAAACGAGGAACCAGAGAGCAGGAAGGCCAGAAGGGGGGGGACGAGGAAG AAAAAGGGGAGAGAGGAACGGAACCAAGGAAAAAAAGAGAGGAAGAGTTA A G GAAA G G GAAA GACGGACGGGGGGGGAGGAGGAAGGCCAGGGCCAAGG TTGGGAGGGGGAGACCGAGGAGGAAAAAGGAGACGAGGAAGGGGCCGGA AACAAAAGAAGGGAAAAGGAAAAAGGGGGGAGACAAAGGGGGGGGGGAG GAGGGGAAAAAAAGAAGACCGGGGGGGGGAAAGGAAAAAGGGAAAAGGA GGAAGACGGAGCCGGAAAATAAAAAGGAAGGGGGGGGGAAAAAGGGAAAA GAGAAGGGGGGAACCAGGAGAAGGAAGAGGGGGGGAAGGAGAAGGCCAA
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GAGGGAGGGGGGAAAGGAAAAGGGAAGAAAGGGGCCGGGGACGGAAGGA AGAAAGGGGCCGGAGGGCCCAGGGAGGAAGGAAGGAAAACAAAGAAAAAA CAAA $A$ A G G G G G G G A A G G A G G G G G A A A GCCGACCGGAGAAGGGGGACAGA GGAGACGGAGCAGAGGGAAAGACCAGGGAAGGGGCAGGCCGAAGCAAACC GGGACCAAGGAAGAACCAGCAGAAAAGGAAGACCCCCCGAAGAAAAAAAA G GAGGGGAAGAACCAAGAAGAAGGCAGGGGAAGGACGAGGGGGGAAAGG A G G G GAGAGGAGGAAAAGGAAAAGGAAGGAGAAAGGGAGAGAAAGGGCA G GAAAAGGGGAAAAGGGACCAGGGGAGAAAAAAAGGAAGGCAGAGGGGG GACAGAGAGGAAGGGAAAACCAAAAGGAAAAGGAGCAGGAGAAGGAACCG G G G G G G G GAA G G GAAAGAAGGAAAAGGGGAAAAAAGGAACCCCGGGGGG G G G GAGCAGGAGGGGGGGAGAGCACCGGAACCAGGGCCGGCCAAAAAAAA CCGGGGGGAAAAGGCCGAAGAGGGGAAAAAAGAAACAGAGAGCAGACCAG GAGGCCAGAAAAGAAGAAAAAACAAAGGAGGGGAGGCAGGAAGGGGAAAG AA G G G GAAGGGAAGAAGGGGCCAAGAACAGGGGGAAGAAACCAAGGGGG GGGAAGGGGAAGACGAGCCGGGGAAGGGGAGAGAGAGACGGGGAGCCGG GAAAGAAAAAGGGGGGGGAGAAGAAGACAGGAAAAGGCACAGCCGGGGG G G G A CA $\operatorname{l}$ GAGAAGGGGGGGGGGGAAAGAGGGGGGGGGGGGAGACAAGAC GAGGAAAGGGACAAGAAATAGAGGAGAGAAGGAGAGGGGGGGAAAGGAA GAGAAAAAAGAAACAGGGGGAAGGAGGAAGGAGGAGGAAGGGAAGGAGG GAAACCAGGAAGGGAACCGGAAGGCCCAGAGGGGACGGACGGGGAGAACA AAACAGAAAAGGAAACAGGGGGAGAAAACAAAAAAGGAAAAGGACAGAGA AGGAGAAGAGAAAACCGAAAGGGGAAAACAAAACGAGAGAGGAGGGAAGG AAAGGGAAAAGGGGGGGAAAAAAAACAAGGGAAACCGGGGAGCCATGGAA ATGCAAAAAAAGGACCAAGGAAGGAAGGAGGAGAGGAAAAAGTTAGAAGG GAAAGGGGAGAACCAAAGGGGGGAGGAGAGGAAGCGGACACCGAAGAGAA AGAGGGGGAGGGGAGAGGAAAAACCCAAGAAAGGAGAGAGAGGACAAAAG G GAGGGGGCCCCAGGAAGAGAAGGGAGGAAAGCCAAGGACACCAACAAGG AAAAAAGGCCCCAGAAGAGGGGAACGAGAAAGAGGGGAAAAACCGGCCCC GAGGAGGGAAAAGGAAGAGGGGGGAAGGGAGAGGAAATAGAAAAGGGGC AGGAACAAAGGGGCCGGAAAGCACAAGGGTAAAAACCAAACGGAAGGAGG GAAAACCCCGGTTTTAGAAAAAGGGGAAGGGAGGAGGGGCAAACCGGAAG GCCGGGAAACCGAGGAGAAGGGAAAAACCGGGACCAAAAAAAAGAGGGGA AA GAGAGCAGGAGGGAAGAAGGGCACCGGAAGAGAGAAGCAGAGGCAAAG A G G G GAA $\operatorname{l}$ GAGGGAGAACCAGAAGGAAAGGGGGGGCCAAGGGGCCAATA GAAGGGGGCCAAAGAGGAAGAGGGAAAAAGTAGGGGAGAGAAGAGAGGG AGGGAAGGAGGAAGGGGGGGGGGAGAAGGGGAAAGAGAAAAAAGAAAAC A G G G G G G G G A A G A A C C C CA $\operatorname{AGAGGAAAAGGGGGGGGGGGGAAAAGAGGA~}$ ACAAAAGGGGACCGGAGGGCAAAAAAAAGAAAGAACAGAAGGGGGGGGGG GAGAAAAGGAAGAAAGAGAGGGAGGCGGGAAAGGAACGAACGAGAGAGGA GAAA G G GAGGAGGGGACGGGGGAAGAAGGGGGGGGAAGAGAGAAGGAAG GAAAAAACAGAAAAAGAAAGCCAGAAGGAGAAAAGGTTAACCAGGGACGA G G ACAGGGAAGAGAGAAAGGAAGGGGGGAAAAAGGGGGGGCCGGCCGAA GGAGGAGAACAGAAGCAGAAAAGAGGGAAAAGGGGGGGGGGAAGGAAAA AA G G G GAAAAAAAAAAAAAAGGGGGGGGGGAAGGAAGGGGGGGGAAAAC CGAGGAAGGGGGGGGAGGAGGAAAACCACGAGAACAGAAAGACACGGAAA AAACCAAGGAAAAGAGGGGGGCCCAAAGGAGAGAAGGCCCAAAAAAACCG GAACAGGACGGGGGACCAACCGGGGAAGGACAAAAGAGGCAAAAAGAGGC CCAGGGGGGGGAAGGAGGGAGCCGGGAAGAAAGGGAGAAGGAAAAAAGG G G G G AAAAGGATAAAAAGAGCCGGGGGGGAAAAGAAAAAAGGGGAAAACC GAGGGGGGGAGACAGGGAGACCGGAAAAGGAAGGAGACGGAACAAAGGC CGGCCCACAGAGAAGGGAAGAAGGGGGCAAAAAAAGGGGAAGAAAAGGAG GAGCCAGGACAAGAAGGAGAAAAAAAGGGAAAATTGGAGGGAGAGAAAAA GAAAAAGCAGAAAGGAGCAAAAGGAGGAGAAGGGGGACAAAAAGAGGGGA AAAAGCAAGGGGGAGAAGGAAAAAAGAAACCAAGGAGAAGAAAGCGGAAG GGGAAAAAGAAGGGGCCGAGGAGAGAGGAAAGAAAAGAAGAGGAAGAAAA GCCGGGAGAGAGGAACCCCGGAGGGAAGGAGGGGAAGAGCAACAAAGGAA GCCGACCAGCCGGGGGAGAGGGACCAAAGGGGGGGTTGACGAAGGCAAAA ACCGAAGAGGGAGGAGAGGGGAAAAGGGGAAAGGAAGGGGAAACCAAAAG GCAGGAAGGGGAGGGAAAAGAGGGACAGGAAAACCGGGGGGCCCCAGAG GGGGACAGGGAAGGAAGGGGGAAGGACCGGCCAACCGGGAACAGGGGGC AAAAGGGCAAAGGAAAGAAGGGATTAAAAAAGGCCGGAGGGCCAGAAGGC

CGGCAGGAAAAAAGAACGGAAGAAGAGGGAAGAAGAGGGGGAAGCGGGG G G G G G GA GAGGAGGAGAAAAGAGAGGAAGCAAGGCCAAAAGGAAGGAAAA AA G G G G G G GAGGGGACGGAAATAAGAAAAAAAAGGAACAGCAGAGAAAAA AA G G G G G GAAAAGGAAAAAGCCAAAGAAAAAGCCGCGGAAAAACGGAGAA CAGAAAGGGCCCAAGGCAGGACCCGGAGGGGGGAGGCCAAAGAAGGGGCA CAA $A$ AA $\operatorname{G}$ GAAGGGGGGAAGGCCGAGGGGACCAAACCGGGGAAGGAAAAAA CCGGAAGGCCAAGGCCGGAAAAGGAGGAAAGGCCGGAAAACCCAAGGGAG GGGGGAGCCCAGGACCCCAAACGGGAAAAAGGGGGGAAGGGGAAAGGGG AAACCGGGGAGGGGAGGCCGAAAAAGGGGAAAAGGGGAAGGAAAAGGGA GAGACCGAGAAACCGGAAAAAAGGAAAAGGGGACGGAAAAGGGGGGAGGG GGGGGATTGGAAGGGGAGAGCACACGAGGAAGGAGGGGGACCAAGGGGG GGGCACACCCAGGGAAAGGAGAAAGGGGGAGAAGGGAAAGAGGGAGAAAA GAAGGAAGGTTAAGGCCAGAAGGGGGGGAGAAAGGCCGGGGCCGAGAGA GGAAAAGGGGGAAAAGAAGAAGGGGAAAGGAAGGGAGGGAAAAAAAAACC CCGAGGAGAGAAAACCCCAAGGCCGAGGTTAAGAGAGAGACCGGAAGGAA CAAACAAGGACAAGGAGGGGAAGGGGAAAGAGCCAGGGCCAAAAAAAAAA G GA GCCGGGAAGAAAAAAGAGGAAGGAGAGGGCACCAAGAAAAGCAGGAG GAGGCAGGAGGGGAGGGAAGGGAGGGGAGAAGCAGGGAGGAACACCGGA CAGAGGAGAGAGAGAAAGAGGCAAGACCAGAGGAAAAAGGAGGGGGGACA GCAAAACAGAGAGAAGAGGGGCCGGGGGAAGGGGAGGAGGGGGAGACGG G GAGAAAGGGGGAAGGGGAAAAAAGGAAGGGGAAAGGGAGAACCAAAAAA AAAAAGAGGGCCAACGGGGGGGGGGGGGGGAGAAAAGAGGAAGGCCAAG GGAAGAAGGAAGACAAAAAGGGGAAGACCCCAAGAAAAGAGAACCGACCG GAAGGGGGGAAGGGGAAGGAAAAAAAACCAAAAGGAAGGGGGGGGAAGG G GAAAAGGAAGGGGCCGGAAGGGGGGGGCCGGAATTAAAAAACCGGAAG GAAGGAAAAGGGGAAGGAAGGAAGGGGGGGGGGCCGGCCAAGGAAGGAA G GAA G G G GAAGGGGAGCAAAAAAAGGGAAAGGAGACGAGGGGAGAAAGA GGGAGGGCCGGGGCCGAAAAAAGGAGGGGAACCGAGGAAGACAGGAGGG GAGAGAAG
$28132000-9$ GAGGGGCCGGGGAAAAAAGGGGGGAAAAGGGGAAAAAGAAGC CCCCGAGGGGAGAAAGGAAGGGGGCCGAAAGGAACCAAAAGGGGAAGAGG GACCGGGGAAGGCCAGAGCCGGGGAAAACCAAAGGAAGAAGAAAGGAGAG G GCCGGGGAAGGAAGGAACAGAAAAAAGGAGGCCGGGGCCGGGGGAGAA AAAGGGAAACACCAAAAGGAACAGGGGAAGGAGGAAAGGAGAGACGGCCG
 AAAGAACCGGGAAAGAGGAACCGGAAGGCAGGCCAAGGAAGGGGAAGGGG AA G G G GAAGGAAGGAAGGCCAAGGGGAAAAAAAAGGAACCAAAAAAAAGG G G G G G G G G CCGGGGGGAAAAGGAAGGAACCAAAACCCCGGGGAAGGAAA AAACCAAAATTGGAAAAGGGGGGAAAACCAAGGAAAAAACCTTCCGGGGC CGGGGCCAAAACCAAAAGGAAAACCAAAAAAAAGGGGAAAACCGGAAGGG GAAGGAAGGAAGGGGAAAAGGAAAAGGGGGGAAAACCAAAAGGGGAAAAC CGGCCGGAAGGGGGGCCAAGGAAAAGGGGGGGGAAGAGAGAAAGACCGA GAGGAGAAAACCAGAAGGAAAAGAGGAGGGGAAAGGGGAAGGAGAGAACC AAGGAAAAAAGGGACCGAAAGGGGGGCAACGCCGGGAGAGGGGAGGGGA GAAAGAAGAAAAAGAAAAAGGAAGGGGCCAAGGGAAGGGCCGGTTGGGGA AAAAGGAGAACGGGGAACAAAAAGGAACATAAGCCAAAAGGGGGGCCAAG AAGGAGAACACGAAGAAGGGACCGGGGAAGGGGCCGGACAAAGCCGGAAC AAAGGAAAAAGGAAAAGAGGACAGGAACAAGAAAGGAAAGGGGCCAAAAA GGGAAAGGAAAAGAGAAAAGCAAGGAAAAAAGGGGCCAAAAGGAAACGAG ATAACAGAAGGAAGGAAGAGAGGAGGAGGGGAGACAGGGAAGGAAGGAAA AGGACGGGGAAGGTTAAAAAGGGGGAAAAACAAGAAAAACCAAGAAGAAA G G AA G GAGACCGGAAAAGGGGCCGGAAAACCAAGGAAGGGGAAGGGGAAC CAAAAAAGACCGGACAGAGAAGGGAGGGGAAGGAGAGAGGAGGGGGAAC GGCACCCAAGAGAAAAGGAAGGCAAACCGCCACCAAAAAGGAAGAAGGAA CCAAGAACAAGGGGAGCAAAAAGGAAGGAAGGAAGGGAGGGAAAAGGAAG G GAGGGAAGGGGGGAAAGCCAAGGAAAAAAAGGGGGAAAAGGACGAAGA GAAGGAACCGGAAGGGGAATAACGGGGAGCCGAAAGGAAGGAAGGGAAAA GAGTAGGAGAAGGGGGGCAATGGAAAAAGAAGACAAAAGAGCAAAAAAAA AGGGGAAGGAAAAGGAAGGGGGGAAAAAAAAGAAGACGAAGGGAGCAGGA ACCAAAAAAGACCGGGGGGAACGGGACAGCCAAGGGGCCGGAGCAAGAAG GCCGGACGAAAGGCCCCAACCAAGGAAGGAAGGAAAAGGAAGGGGGGAAA

AGGAAGGGGTTAAGGGGGGAAGGGGGGGGAAAAAAAAAACCAAGGAAAAA A G GAA $\operatorname{A}$ GGGGGGGAAGGGGAAGGCCAGGGGAGGGGAGAGGGAGAAGGAA AAAAGGAAAAAAAGGACCGGCCAGGAAAAGGGGAGGGGAGGGGGGGACA GAGGGGAAGGAGGCAAAAACCCCGGGAAGAAAACCGGGGCCGAAAAAAGG GAGGGAGAAAGGGCAGGCCCCAAAAGGAACCAAAGGGGGAGCCGAAAGGA AGGGAAAAAACAGAGAGAGGAGAAAGGAACCAAGGGGCCCCAAAAAAGGA AAAAAAAAAGGAAGGCCGGGGAACCAAAAGGGGCCGGAAAAGGAAGGGGG GGGAAAAGGGGAACCCCGGGGAAGGAACCAAGGAAGGGGCGAGGAGAGG AAAAAAAAGGAAGAACGGAAAAAAAAAAAAAAAAAAGGAAAAAAAGAAGG GGGGCCAAAAAAAAAAGAAGGAGAAGAGGGAGACAAGGGGGGAGAAGGAA AGCCCCAGGAAGGGGGAGAACCGGAAAAGAAAAGAGGGCAAAACGGGGGG AGAGCAGGACGAGGAAGGGGAAGAAAGGGAAAGGAAAACCGGGGAAAAGA GACCGAAAGACCAGAGGGCCACAAGAGGACAAGAGGGAGGAAAAAACCGG CCGAGGGGCCCCAAAAAGAACCGAAAGGGAGGAAGGAAGAAGAAGAACGA AGGGAAGGGAGAGGAAACGGGGAACAGGGACCAAGGAACAGAAACCCCGG CCGGGGAGAGGGAAGGAAAAAAAAAGCAGGGGAAAGGAAAGAAAAAGGGA G G G GAAA G G GCCCACCACGGCAGGGGAAAAAGAAAAAAGAAGAAAGGGGA AA $\operatorname{l}$ GGAGGAAAGCAGAGCGGCAGGGGGGGAGGCCGGGAGGAACCGGAAA ACAGAGGGGGGGAAGGGAGAGCCAGGGAAAGAAAGAAGGGGCAAAAGAAA GAGCCAAGGAAGAGACCAAGGGGCCAAGGGGGGGAAAAAAACCGGGGAAC CAAGGGGAGCGGGAGAAAAAAGGGAAGGAAGGGATGGTTAAAGAAAAAAA ACACCAGGAGGGGAAAAAACCGGGGAAAGAAGGAAAAGGAAAAAAGGGGG AGGAAAGGAGGAAGGGGCCCAGGAGGGGGCCAGGGGGAAGGAAAAAGAA TTAAAAAGCAAAAGAGAGGGAGGGAAAAAGAAAGGAGGGAGGCCGGAAAA AAAAAAAGGGACGGGGAAAAGGAACAGGCAAAAAAGAAGAAGACAGCAAA GAGGGAGAGGAAGGCCGAGGAAGAAGAGGGAAGGAAGGAGGAAGAACCG AGGGGGGGGGGACAAAAGGAAAGAGAAAAGAACAAAAAAAGGAAGCCAGG GAAAGGGGAAAAAAAAAAAAAAAGAACGGAAGGGGAGGAGAAGCAGGGAG GGGAAAAGAGGGGGACCGGGGAAGGGAAGCCCCAGGGCGGAGAGGGAAA GGAAGGAAGAGGCCGAAAAAGGGGAAGAGGAAAAGGGGAAGGAGAGGGC CGGGGGGAAGGCCAACCCAGGAGAATTGGGGAAGGGGCCGGAAAAAAGG G G G GAAGGGGAGAGAGGGCAGAAGGAAAAAGGAAGGGAGGAAAAAAAAG G GAGGGGAAAGGGAGAGAAAGGAGGGAAGGGAAGAGAACGGGGAAAGGA AA $\operatorname{l}$ G G G G G A A G G G GCCGGGGAAGGGACAGGAAACAACCAAAGGGAAGGG GAGAGGGAACAAAGGCAAAAGAGAGAAGAAAGGGGCCGGGGCCAAGGAAG AGAAGAGGAGGGGAAGGGGAAAAGGGGGGAGGGGGGGGACAAAGGCCAA ACAGGGAAGAAAAGAGGGCCAAGGGGGAGGGGAAGAGGGAAAGGGGAAG AA $\operatorname{G} A A \operatorname{A} G A A G G G A A A G A G G A G A G G A G G A G A A A A G G A A A A G G A A A G G G G G$ G GAAGGAAAGAGCAAGGGGAGGGAAACAGGAAGGAAGAAGGGAAAGAGAT GGGGCCAAGGAAAAAGCCGGAAAAGGAAGGAAAAAAAGAGAGAGAAAGAG AGAAAAAACAGGCCAAAAGAGGAAAAGGGAAAAGATGACAACGGGGAATT G GAAGGCCGGGGAAGGGGGCGGCAGAGGGGAGAAGAAAGGAACCGGAAA AAAAAAAAAGGGGAAAACCAAACAGAAAAGGGGAAAAGGAAAAAAAACCG GAAGGGGGGAAAAAAAAGGGGAAGGAAAAGGGGGGAAGGGGAAAAGGAA AACCAACCGGAAAAGGAAGGAAAAAAAAGGAAGGCCGGAAAAAAGGAAGG GGAAGGGGAAGGTTCCAAGGTTAAAACCGGGGAAGGGGAAAAGGAAAAGG AAGGCCCCAAAGAGACGGAAAACAGGGGGGAACCGGAGGGGGGGAGGGG GAAAAGGGGGGAGGGCCAAGGAAAGAGAAGAGAGACAGGCCGGGGGAAA AGAAAAAAAAAAAACCAACCAAGGAGGGACCCGGAGAAAAAACAGAGGGG AAAAGGAAAACCAAGGAGGGAAGGTTCCAAAAGGCCCCAAGGAAGGCCGG G G G GAAACGAACGGGAGGAAAGAAGGAAAAGGAAGGGGCGGGAAAAAGAA G GAACCGGAAGGAAGGGAGAAAAAGGGGAGCAGAGGAAGGAGAACAAAAA AGGAACAGAGAGAGAGGGGGAAAACCGGCCAAAGAAGGAGAGAGACAGGC ATGAGGGGCAGGGAGAAAAAGAAAGGCCGGGAGAAGAGAAAGAGAGGGAA AAAACCCAAACCCAGAAGGGGGACAGAGGGGACCGGAAAGGGAGGGAGGG CAGGGGAAAGACAGAACAAGAAGAAGCCGGCCAAGAGGAAAACCGGAAGG AA $\operatorname{l}$ GGGAAAAGGAAAAAAAACCGGAAGGGGGGGGGGGGCCAAGGAAGGG GAAGGAAGGGGGGCCGGGGAAGGAAGGGGAAGGGGGGGGAAGGGGAAGG CCAACCGGCCAAGGAAGGGGAAAAGGGGGGGGCCGGAAAACCAAGGAAAA CCAAAAAAGGGGCCCCGGAAGGAAGGAAGGGGAAAAGGGGGGCCAAGGG G G G G G G GAAAAAAGGAAGGGGAACCGGGGAAAAGGAAAAAAGGCCAAAAA

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AAGGAACCACAGAGAGGAAAGGGAACGGGAGAAGAGGGCCGGGAAGAACC G G A GA $\operatorname{l}$ G G G G G A A G G G G G G G G G G G G GAAGGCATAGGGGGGAAAAGGAAA G G GCCGGGAAGCCCCGGCCGGCCGGGGGGGGAAGGGGAACAAAGGAAAC G G G GAA G GAACCGGAAAGAACCCCAAGGAAAGACCCAACAGGAAGGAAGG AAAAAGGGGGGGAGAGGAGGGGAAAACCGGAAGGAAGGAGAGAGGAAAA ACACAGGAGAAGGAAGGGGGAAAAGAGAAGGGGAAGGGGGGGGAGAGGA AAGAAGAAGGAAGAAGGAAAGGAAAAAAAAGGCCAGGAGGGAAGAAGAAA
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 A G G G G GAA $\ln \operatorname{GGGGGGGGAAAGGAAGGAAAGGAAGGGAGGGAAGAGAGAA~}$ AA G G A A A A G G GAAGACAGAGCCGGAAGGGGAAAGACGGGGGAAAGAAAAA AAGAGGGGCAGACCACAGAGAGAGGGGGAAGGGAAACCAGAGAGGGGACC CCGAGGGGAGAGGGAAAGAGCAAGGGGGGGAAGGCCAAAAGGGGCCAAG GAAAAAAGGAAAGGAGGGGAAAGAGGAAAGGGGGAGGGAACGGGGAAAG AAAAAGCCAAAAAGAAGGAAAGAGGAAAAACAGGAAAAGAGGAGGAAACC GGGGGGAAGAGAAGAAGAAAACGAGGAGAACCGGGGGGGGGAAAGGGAG AAAAACCGGAAGGAAGGACAGGACCCAAGACAGAAGGCCGAGAGAGGGGA A G G G G G GAA $A$ AGGGGAAGGAAAAAAAGAGGGAAGGGGAAGGGGAAGGAC CAGGGACAGGACGGGGACGAAAAAGGGGGAAAGAAACCGGAAAAGAAGCA G GAGGGGGCCAGAAGGAAAAGAGGAAGAGGAAAGGGGAAGAGAGGGGAC AGAAGGACGGGCCGGGGAAAAGGGGAAAAGGGGCCAAGGAAGAGGAGAG AGAAGAAGGGAGAAGGAAAAAAGAAAAAGGAAGGAAAAGGAAAAAGAGAA G G G GAGAATTGGAAGGAGAAAGACACGGGGAAGATTGACCGAATGGAAAG AAAACCAAAAGAGGGGGAGGAAGGGGCAGGCCGGAGAGGAGGAGAGCCG AAAGGCCAAACGGCAGGGAAGAAGAGGGGAAAACAAAAGAGGGCAAAAAC CGGTAACGGAAAGAAGGAGAGACAACCGGGGCAGGGGGGCCGGAACAAAG GAAAAAAGGAAAAGGGAAGAGGGAAAAGGATAAACAAGGGGAAAGGGGAG GGAGGAACCAGCAGGCCGAAAGAAAGGAAGGAGGAGGCCGGAAGGAGGG AGCAAAGGCGCCGGGAGGAAAAAAAACACCAAGGAGAGAGAGATAAAGAG GATTGGCCAAAAAGAAAAAAGGGAACAAGGGAAAAGAGAAGAAAAGGGAA AGGGGAGGGAGGAGGGGGCAGAGGCAACAAGAAGAGAAGGATACAAAGG GAAAAGAGGGGGGAAGGGGGAACGGAGAGAAAAAGCCAGAAAAGGAAGGA G GACCAAGGGGAAGGAAGGGGGAGAAACCTTGAGAGGCCAAAAGGGACCA GAAGGAAGGAAGGAACCAAAAGGAAAGGACCAGGGGGAAAAAAGGCCAAA AAAGGAAGAAACAAGGGGAGGCCCAAGAACAGAGGAGGGAAAGGAAGCCG GAGGGCAGGAGAGGGAGCAGGAAGGAAGGAAGAAGGGGAGAGGGGGGAG AA G GAGAGGAAAAGGGAAAAGGCCAAGGAAGGAAGGAACCAAAAGGAAGG AAAACCCCAAGGGGGGGGGGAAAAAAGGAAGGGGAAAAGGGGAACCGGAA G G G G G G G GAA G G G G AAAAAA G G G GAAAAGGGGGGCCGGAAAAGGAAGGC CAAGGGAAAAGAAGGGAGGACAAGGAAGGAAGGACAAGGAACCAACCGGG GAAAAGGAAAACCAACCAACCGGGGAAAAAAAAAAAAGGGGAAAAAAGGG GAAAAGGAAGGAAAAAAGGAAAAGGCCGGAAAAGGGGCCAAGGAAGGAAG G G G G GAA $\operatorname{l}$ GGGGGCCGGAAGGGGGGAAAACCGGGGAAAAGGGGAAGGAA GGAACCGGAAAAGGCCGGAACCGGGGAAAAGGGGGGGGGGGGAAGGAAG GGGAAGGAAAAAAGGGGGGAAGGGGGGAAGGGGCCAACCGGAAAAAAAA GGTTGGAAAAAAGGGGAAAACCCCAAAAGGCCAAGGAAGGAAAAGGAAGG

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 AGGAAGGCAGGCCAGAAGGGAGGAGGGGGGGAGGAAAGGCCGAAGAAGG A G GAGGGGAAGGGGGGAACCAAGGAAAAAAGGGAAAAAGAGGGGCCGGA AGAGGAGGAGGGGACACGAACAAAGACAGCCAGTTGGAGAGAGAAGAGAA
 AA G G GAGAGAAGAAAGAGAGACCCAAGAGGAAGGAAGAGAAGGAAGAAAG AGAAAAGAAAAAAGGGGGGAGAGGCAACGGGGAAGGGGAACCGGGGGGG G G G AA G GAAGGAAAAAAGGAAAAGGCCGGGGGGAAAGACAGAAAAAGATG AA G GAAGGAAAGAGAACGGGACCGGGGGGGGGGAAAACCGAAGGGGGAA CCAGCCGAGAGAAGGAAAGGGGAACCAAAAGGCCGAGAGAGACAAACAGA G GAAAGAACCAAAAGGGGGGAAAACCAAAAAACCAAGGGGAAAAGGGGGG AAGGAAGGGGAAAAGGAAGGGGGGAGAGAGAGGGAAACCGGAAGAGAAG GGGAGAAGAGGAAAAAAAAGGGGAAAAGGAAGACACAAACAAAAAAAAGG AA GAAAAAAGGAAGGAAGGAGAGGGGGGGAAAAGAGGGGAAAACAAAGGG AGAACGGGAAGAAAGGGCCAAAAGGGGCCAAGAAAAAGGAAAGAAAAAAA GGACAGAGGAGGGAAGGGGAAAAGGAAGGAAAGGAGAGAAGCCAGGGAG

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G G G A G G G G G CAGGGAGAGAGGGGAAGAGGGGAAGGGGGGGGGGGGAAAA AA GCAAGGATAACCCAACAGAAGGGGGGAAGAAACCAGGGAAACGAGGGG AGAGAAGGAACCAACCACGAGAGGGGAGCCCCAAGAGGGGAACAGAGCGA GGGGGAACAGAGAAAAAGGGCCACGGGAAAAAAGAAAGCCCCGAAAAAGG AACCAGAGAAAAGAGGGGGGAAAACCGGGGAACAAGAGAAAGAAGGACAG CСTAGGACGAAAGGGGGAAGAGGAGGGGCCGAGGGGGGAAAAGGAAAAG GAAGAGGAAGGAAAAAGGGAAGGAAAAGGGGCCACAAACAAAAAAGAAGA GAACCGGAGGGGGGGGGAGACAAGGGGGGGGGGAAAAGGAAAAGGAAAA AAAAAGGGAAAGCCAAGGGAAAGGGAGAGGCCCCAAGGACGGAAAAGGCC GGGAAAAAGGGAAACAGAGGAAGAAAAGAGGGAGCCGAAAGGGGCCAAAC ACCAAAAAAAAAAACCGGGAAAACGAAGACGGGGCAGGTTAAGGAGGGGG AAGGAAAAAAAAGGAACCGAGAAAAACCCCCCGAAGGGGGGGGGCCAAGA CCAAGGGAAAGGGGGGAAAAGGGGATGGAGAAAAAAAAAAAACCAAGGAA AACCAAAAGGGGGGGGAAAAGGAAAACCGGGGCCAACCAAAAAAGGGGAA CCCCAGAAAAAAAAAAACAAAAGAAAGCGGAAGAAGAGGAAGAGAACACC A GAGAGAGAGAGACTAAGAGAGGAGGGGCCGAGGAGGGAAAAGGAGGGA A G G A G G G G G CCGGAAAGGGGGGGGGAAGGGGAAGGGGGGGAAAAAGAAG CCCCAGGAGGAAAAGGAAGGAAGGGGAAGACCAAAAAGGAGGGGGGCCAA GAGAGGAAAGAAGGAAGACAGGGGAAGGCCGAAAAGGAGATAACGGAAAA GGCATTGGGAAGCCGGAGTAAAAAAAGGAAAGGGAAAAGACAGAGGAAAA CCAAAACCGGGGAAAACCGAAAAGGGGGAAGGGGAAAGGGAAAAGGGGGA AA $\operatorname{G}$ GAGAGGGAAAAAAAGTTAGGGAGGAAGGGGGAGGAGAGGAAGGCAG CAAAAGGAACCGAGGAAAGGGCCAACCGGAGAAAAAAGGCAAAAAGGTTC CGACCACGAGGGGGGACCCAGAAAGGACCAGCACAAGAAGGGGGGAAGGA AAA $\operatorname{l}$ GGGCCGGGGGGGGGGGGGGGGAGAAAGAACCAACAGGGGGGGAGG GGGACACCAAAAGGGGAGAAGAGACCGAGGCCTTGGGAGAACGGAAAGGG AGAGAGAAGACGAAGGAAAAGGCCGGGGAGGAGGGGAGGACGGGGGAGA CGGGGAAGGAAAAAACCCCGAAGAACCAGAAAGAAAGGAGGGACAGACAC AAAGGGGAAGGAAACGGAAGGAGAAGGACAGGAAGAAGAAACCAAAAGGC CCAGGGGGGAAAGCAAGGGGGAAAAGGACAGAAAAGGAAGAGAAAAGAAG GGGAAGGGGAAGAAGAGGGAGGGAGGGGAGGGAAGAGGACGAAGAAAAA GGGGAGAAAGGAGGAAAAAAAAGGAGGGGAAGGAGGAGAGAACAGAACG GCAGGAAGGAGAAGAGAGGGGGGGAGGAAGGAAACAAGGAGACAACCCCA AACAGCCGGACGAGGAAGGGGAAGGAGCCGGGGAGCCGGGACCGGGGAG AGACAAATAGGACCAGGGAGAAACGGGAAGGGGAGGAAAGCCACACCAAG A GACCCACAGACAAAAGGGCGGGAAGGGGGGAAAAAGGGGAAGGAGAAAG AA G GAGAAGAAGAGGAGACCGAAAGGGAAGAAAAGGGGGGAAGGGGCCG A GAAGAGAGAGAAAGAAAAGGAAAAAGAAGGGGGGCAGCAGGGCCAACCG A G G G GTAAAGAAGAGGACGGAGGGGAAGGGAGGACGGCCAAGGAGGGAA G GAGAAAAGGAGGAAAAAAGCAACAGGAAAGGAATAGGGGAACCGGAAGG A G GAGGAAGGGAAAGGGAGGAAAAAAGAGGGAAAAGGGGGTTGGGGAAC AAAAAGGCCAAAAGACCAAGAAGAAAAGAGAGGCCGGGACCGGACAAGAC AAAAAGGGGAAGAGGAAACAGGAACGGGAAGGACGTTAGAGGAGGCCGGG AACAGAGGGAGGACAGAGGGAGGAAGGGAGGAGGGGGAGACAAGAATGA AAAAGGCCGGGAGGAACCGGGACCAAGAGGTTAAAAAGGAAGAAAATAGG AAAACCAAGGAGAAAAGGGGAAAAGAGAAAAAAGAGAAGGGGAAGGGGGG AAGACCGGAACCAAAAAGGAAAGGGGGGAAAGTTGGCGAGAAGGAGGAAG GGACCCGGCCGGAAGGAAGGAAGAGGGGGGAAAAGGAAGGGAAAGGCCA AGGCCAAGAAAGGAGAGGAAAAAGGGGCGCCGGGAAGGAAGAAAAGGAGA A GAA $\ln A \operatorname{GGGGGAAAAAGAGGGAAAAGGAAGGGGGGGGGGAACCGGGGGG}$ AGAAAGAAGGGAGGGAGGAAGGCAAGAAAGGGAGGGGGGGAGAAAAGGG AAAGGAAAGCCAGGGGGGGAAGGAAAAAGAGAGACGGAAAAGAGGGGAAA ACAGATTAAGAGAGAGGGGGGAGAAAGCCGAAAAAGGAAAGCCGGAAAAA AAAACAATTGGGAACGAAGAGAAAGGGAGGGAAAGAACGAGAAGGAAAAA AAA $A$ AAAAGAGGGGGGAAAAAAAGGGGAGAGCCGAAAAAGGGGAGAAGGG GAAGGAGGGGGCCCAAGGCAAGGAGAGACGGAAAACCAAAAGGGGAAGGA AGGGAGGGGGGGGCCGAAACCAAGAGAAAAAGAGACCACGGAAGGAAAGA GCAAATTAGGGAGGAGGACGGAAGGAAAAAAGGGGAAGGAGCCAACGAAG GGGAAGAAAGGAAGGAACGAGAAAGAACCGGAAGGAAGAGGCACCAACCA AAAGAGAGAAGGAAAAAAAGGGGAAAAAGAAAGCCAGAACCAAGGCAGGG GACAAAAGGGAAAAAGGAAAAGAGGAAGAAGAGAAAGAGGGGGGAGGAAG

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G GACCGGAACCGGTTTTGGTTCCGGAAAGTACCAAAAGGAAAAGGCCGGG AGGAAGAAGCCAAAAAAAGAGCCCAAAGGAAGGAGAGGGCAGGAACAGGG G G G G G AAAAAGAAACGGGGAGCAAAAGGAAAGGCCAACCGGAAAGAAGGG A GCAAAAGGAACCGGGGGAAAAGGGAAAGGAGGAAAACCCCAAGGGGGGA AAAGGAAGGGGGGAAAAAAGGGGAACCCCAAAAGGGGAAAACCCCAAAAG G G G G G G G CC G G G G G GAAGGAACCCCGGGGGGCCAAAAGGCCAAAAAAAAA A G G G G G GAAAACCAAGGGGCCGGGGAAAACCGGGGGGCCAACCGGAACCG GAAAAGGAAGGGGGGCCGGAAGGCCAAGGGGAAAAAAGGGGGGGGCCAA G GAAAAAAGGCCAAGGAAGGGGGGAATTAAGGCCGGAAAAGGGGGGGGC CGGCCAAAAAAGGAAAAAAAAAAAAGGCCGGCCGGAAAAAAAAGGGGAAA AAACCGGAAAAAAAAAAAAGGAACCAATTGGAAAAGGGGGGAAGGAAGGG G G G G G G G G GAA G G G GAA G G G GAA G GAAAA G G G G G GAA G G G G G G G GCCAA CCGGGGAAAAGGGGGGAAGGGGGGGGAAAAGGGGTTGGGGAAGGAAGGA AGGGGGGAAAACCGGGGGGCCGGAAAAAAAAGGCCCCGGCCGGAAAAAAA A G G G G A A G GCCAAGGAAAAAAAAGGGGGGGGAAGGGGGGGGAAGGGGGG GGAACCGGAAGGGGACCCGGGGAAAAACAGACGAGAAGACGGGAGGGAAG A G G GAA $\operatorname{AAA}$ A GAGAGGGGGGGGAAACGGAGGAGGAAAGAAAAGGGGGGA GAAAAGAGGGAGAGAGAGAGAGGGGGGGAGAAAAAGGAGGGAGCCGAAA GGGGAAAAGACAGGGGGACCAGGAAGCCCAGGAGGAGAAAAACCGGAAGG GGAGGGCCGAAACCGGGAAAGAAAGGAGGGGAAGGAAAGGGGGGAAAAG G G A G G G GAAAA $A$ A G G CCTTGGGAAAGGAAGAGGAAAGGGAAGGGGGGGG G GAACCAAAGGGAAGGACCCGACCGAGGCCGGAGAGAAAAAAGGAGACAG GACAAAGGGAAAGGAGCACCAGGAGGGGGGAGGAAGAAAAGAAGGAAAAC GGAAACAGAAGGGAAACACAAGAAGGCCAAAGGGGGGGGGCCAAAAAAAA AAAAGGAAGGAAAGAAAGAGCCGGAAAAGAGAGAGAGAAAGGAAGGAAGG GAGGCCAGGGAAGACCAAGGGGGACCAAGGGGGGCCGGGAACGAAAGAG GAAGGAAGGGGAAGAAAGAGAAGGGAGAAGGGGAGGGGGAAGGGGAAAA AAAACCAAGGAAAAAAGGAGGAGGAAAAGGAACCCCAAAAGGGGCCGGAA CCCCAAAAAAAAAAAAGGCAGGAGAAGGAAAACGAAAGAAAAAAAAGGAG AGAAGAGGGGCAAAACAAGGCAAGGAGGAAGGCCGGGGGGGGAGGGCGA AGAACGAAAGGAAAACAGAAGAAAACCGGAGAAGGCCAAAAGAGGAACCG GAAAAAGGCATGCGAGAGAAAGGGGGGCCAAGGGGGGGAGGGGAAGGCC CCCCGGAAGGGGGACCGGGGAAGGGAGGACGAAGAAGAACGGAGAGGAA AAAAA $A$ A $\operatorname{Ag} \operatorname{GGGGGCCTAAGAAAGAAGAGGAGGGGAAGGGGGGGAAGAAA~}$ GGAACCACGGGGAAAGCCGGGAAAAGGGGGAGAAAAGAGGGGAGTAAAG GAAACAAAAAAAAAAGGGGGAGAGGACGAAACAATGGCCAGAAAGAAGGA AAAAAGGGGGGAACCGAAAGGGGCCGGGGGGGGGAGGCAAGGAGAGGAG
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AAAAAAAAAGGAAGGGGAGGAGAAGGAGAAAAGAAAAAAGGAGGCCCCCC GGGGCCGGGGGGAAGGGGGGAGGGGGGGGGGGACGACAACGAGGGAGGA GAAAGGAGGGGGGGGAAGGGAGGGGGAAAACGAAAGAGGTTGGAGAAAA AA $\operatorname{l}$ GGGGGGGAAAAGGGGGAAAGGGAGGAAGGAAGAAGGGGGAAGGAGG GCAAAGAACAGGAAGCAAAGGGGAGGGGGCCGGAGGGGGAAGGGGAGGG AAAAGGGGAAGAAAGGGGGAAAAGGAGGAAAAGGGGCAAAAGGAGGGGG AGGGACCGGAGGAGGAAAGAGAAAGAAGGAAAGAGCCCCCGAGAGAGAGC CAACCAGGGAGGAAAATGGAAGGGGGGAAGAGGGAAACCGGGGCCGAGA GGAAAACCAAAAGGAGGGCGAAAAGAAGCCAGGGAGACGGAAAAGGGACC AGAAGGAGCAAAAAGGAGGGACAAAGCGGGGGGAGAGACCGGAGAGAGG AGAGGAAAAGGAGGAGGACAACAGGGGCCGGGGGATTAAAAACAAGGGGG GGGAAGGCCGAGGAACAACGGGGAGAAGGAAAAGGAGAAGGACAAGACCA AGGGGAGAAGAGACCGGGGAAAAGAAGGCACCCAACCCAGGCAGGGGAAA AAGGGAGCCACCCGAAGGAGGAAGGGAGCAGAAGGCAAAAGGGGGCCAAG GAAAGACAGGACCAGGGGGAAGGAGGGAGGGCCGGAAAGGACCAAGGACA GAGGGCCGGAGGACAGGGGGGGGGGGGAAAGAGGGAGCCGGAAGGCCAG AGGCGAAAACGAGGGAAACAACAAGGAGGACCGAAAAGGAGGGGAGAAAG AAGGGAGGCCGAGGAGAGGGGAAAAAAGGCGAGGGAGGAAGAAAAGGGA AGGGGAGACAAGGAGCCAAGGAGGGAAGGAAGAAAGGAAAAGAAAGACCG GCCGGAGGAAAAAAAAAAAGGAAGGAATAAGGAAAAGGGAAGGGGAAAAG GGAGGGGCCAAAAGGAGGGGGGGGAACCAAAGGCAGGAAGGAAAGACAA GGGAGACAGAGAAAGAGAGGAAAAGGCCGGAAGGAAAAAAGGGGGGAAG GGGCCGGAAGGAAAAAAAAAAGGGGAAAAAAAAAAGGAAAAGGGGAAAAG GAAAAGGGGGGGGGGGGGGGGGGAAGGGGGGGGAAAAGGAAGGGGGGG GGGGGAAAAAAAAGGAAGGGGAACCAAGGAAAAAAGGAAGGAAGGAAGGG GGGAAGGAAAAAAAAAACCAAGGAAGGGGGGCCGGGGGGCCAAAAAAAAA AAAAAGGAACCAAAAGGGGGGAAAAGGAAGGAAGGAAGGGGGGGAAGAGA ACCAGAACACAAGGGAGAGGGGAAAAGAGAAGGGGGGGAAAAAACAAGAG AGGGGCCGGGGAAGGGGAAAAGGGGAACAGGAACCGGGGAAAGGGCAGG GGAAGAAGGAGAGACCGAAAAAGAAGAGAGAGGGCAAGGAGAAGAGAAAA AGAAGGGGGGAGAGACCAAGAAAGAGGAGGACGGAGAAGAAGAAAAGAAG GAGGAAGAGGCAGGAGAAAGAAGGGGACAGGAGGAGAAAAGAAAGGGGG GAACCGAGAAACCGGAAACAGACAGACAGGGAACCGGGAGAAAGGAGGAA CAAAGAGAAGACAACGGAGCCAGGAAAAAAGACGGAAAGAGCAGGGGGAA CGGGGGGGGGGAAACAGAAGGGGCCCCGGGGGGAACCGGAGAAAAAAAA AA G GCCGAGACAGGAAGGGGGGAAAGGAAGAGAAAGAGGGAAAGAGAGG GAAAGCCCAGGGAGGAACCAAGGAAGGAAAGAGGAGGCAAAAAGGGGAAA AAAAACCAAAAAAAAAAGGGGTTGGGGAAGGAAAAAAGGAGAAAGCAGAC CCCAACAGGGGGGAACAGAGGAGGGGACAGAGACAGAGACAAGAAAAAGG AA G G G G GAAA G GAAGAAACGGGGGGAGAAGGAGGAGGAAAAGGGGGGGG GGGGAAAAAAAAAAAAAAGGAAAAGGGGAAGGAAGGACAGAAAAGGCCGG AGAAAGGGGACAAACCGGGGAAGAGAGAGGGAGGGAGGAAAGTAGGGGA AGGAAGGGGGGAGAGGAAAAAAAGGAAAACCGAAGAGGGAAAGGACCAAC CAAGGGGAGAGAGCCGGAGCCAGAGGAGAGGAAGAGGGGAAGGCCGAGG AAACGGGGAGAGACAGAAAAAAAGAAAACCGGAACCACAGAAACAAGGGG AA GGAAGGTTAGAAGGAGAGGAGAAGGAGAGGGGAGAGAGGGAAGGGGG AGAAGCCGGAAGGAAAAGGAAAGGGAGAGGAAAGGGGAGGAGGAAAAGG GGAAGGAAAAAAGAAAGGGGGACCACCCAACCGGGGGAAAGGAGCCAAAT AGAGAAAGGAAGCAAAAAGGGGAGGACCAGGAAGGGAAGGGGGGGGGGA GGGCCAAAAAGCCAAGGAAGAAGAAGAAAGGAAACGAAGAAAAGGCAAAG GAAAAAAAAGGAAAAAAAACCCCACCCAAACAAAAAGAGAGGAAAGGAAA GGGGAAGAGACGGAAGAGGAAACAGGAGGCCAAGGGGGACCCCGGGGGG AAAAGGGGAGATGGGACAGGGAAAGGGGCCCCGGGGAAGGAAAAGACAAG CCGAAGGGAAGGGGGGGGAGCCCCGGACGGACGGGAGAGAAAGGAAGGA AGGCCAAGGAAGGAAAAAAAAGGAAAAAAGGGGGGAAAGAAGGGAGAAAG ACAGAAACCGGGGAGAGGGGGTTAAAAAAAAAGAAAGAGGGAAAAGGAAG GGGGGAAAAGGAGGGAAGAGAAGGACCAAGGGGGGAAAAGGGGGGCCGG GGCAAAGAGGAAGGCCGCGGGGAAAAAGGGCCGGAGAAGGAAAAAGGGAA AGGAAAAAAAAGGGGGAAGGGAAAGGAAGGGGGAGAGGAGAAGAAGGGG GGGAGCCAGAAAGGGGAGGGGAAGGAAGGGGAAGGAGAGAGACACGAAA AAAAAGAGGGAGGGGAGAAGAGAAAAGGTAAAAAGGAAGGCCAGGGGGAG

G GAACCACAGAAGGGGGGAAGGAAGGGAAGAAAGAAGGAGAAGGCAGGG GAGAACCGGGGCCAAAAGGCCCCAACCAAACAAAGAAGGAAAAAAGAAAA GCCAGCAAAGGAAGGAAAAGGGGAAAACCCCAGCCGAAAAACACAAAGGC CGGAAAAAAAAAAAAAAGGAGAACAGAGGGGAGGGAACAGGAAGAACGAA GAAGGCCAAGGGAAGAAAGGGCACAGGGGAACCAAAATTAAGGGGAGCAA AA G G GCCGGGGAAGGAAGGACGGAGAAGGAGAAAAAACAAAAAGGGAAGC CCAAAGAACGAAGAAGGAAAAGGGGGAAGGGCCGGACAAACGGGGCCCCA CAGGAGGGAAGGGAACCAAAGGAAAGGAGAAGGGGGGGGCCGGTTGGAG AA $\operatorname{l}$ GGGGGGGCCGGGGAGAAGGGAGGAAAGAGCAAAGAGCGGCAGGGGG GAAGGAAGGGGGGAGTTAGGGGAAAAGGGAACGGGGGGGGGAAAAAAAG AGAGCCGGAGGAAAGAGGATGGAGGGCCAGCCGGAAAGGGAGAAGACCGA CAAAAAAAAAAGAGAGAAGGGGGGGAAGGGGAGAAAAAGGGGCAAGAGGG AGAGGGAGAGGAAAGAAGACGGGGAAGGAAGAAAGGGGAGAGAAGGGGA GACGGGGAAGAAAAAGGAAGAGAAAACAGGGGAGGAGAAAAGGCCAAAAA ACCAAGGGAGGGGGACCGGAGCAGGGGAGAAAAGGGGAAGGAAAAGGGG AGAGAAAATTGAAGGAAAAATTGGGGGGGGGGGGGAAAAAGGAAGGTTCC G GAAAAGGAACCGGAACCGGAGGAAAGAAGGGGACCAGCAGGGAAAAAGG AAAGAAAAGGACGGAAGGAAAAAAGGACAGGACCCCGGAAAAAAGAGGAA A GAAGGGGAAAAGAGAGGATCGAAGGACGAGGGGGGAGACAGGGAAGAA AAATTAAGGAGAGGAGGACGGGGGGAGAAAGGGAAAAGGGGGGGGGGAA AA $\operatorname{A} A \operatorname{A}$ GAACCGGGGGGAAACGGGGGGGGAGGGGGGGCCGGGGGGGGAAT TCGAAACGAAAACGAGGGAGGAGAGAAAACCCCGGAGGGGGAAAAGAAGG AGGAGAAGGCCGGAAGGGGGACGGGCCAAGGCCGGCCGCGGGGGGGAGG G GAAAACCGGGGGAAGGGGGGAAGACAGAAAACCGAGGAAAAAAAAAACC TAGCGAGAGGAAAGCCAAGGGACGAGAAGGAACCAACCAGAGAAGGCCAC CAGAGGGAAACCAGGGGAGGAGGGCCAGACAAAAGGCCGGAAGGACAAAA GAAAGAAGGGCGAGGACCAACCAAAAATAAAGAGAAAAAAGAACCAAGGA GAAGGGCCAAAGGGCCCAAAGGAAGGAGGGAACCAACCGGCAAGGGGGGG G GAAGGGGAACCAGGGGGGGGGAGGAAGAAAAAAAAAAGAAGAGGGAAAA GAACGAAGAAGAAAAACCGGTTAAAGAACCGGAAGGAAGGGACGCAAAAG GAGAAAAAAAAACAAAGAGAAATTCCAGAAGAGAAAGAGGAAGGAGGAAA TAGGGGGAAAAGGGGAAAAAGGAAAACAAACCAGCCAAACACAAGGGGAA GAAGGGCATTGAAGGACAGAAGAGACCAAGAGAGGGCAACAAGAAAAAAA CCAAAAAAAGAGAAGAGGAAAACGAAGGGGAAAAAAGGCCAAGGAAACAA AACCCCAAGGAAAAGGGGGAAAGAGGGGAAAGAAGAGAAAAGCAGCAAAA AAACGAGGGGAGGGGAACAGGGAGAAGGGGAAAAAGGAGAAGAAAAACGA CCAAGGGGGGAGAGCCGGAGAGGGCCAGAGGAGAGAGGAAAAGGAACCG GAAAAAAGGCCAAAAGGGGAAGGACGGGGGAGGAAAACCAGGAAGGGCCG GAGGGAGAGAAGGGGGGGAGGCCCCAAAGAGGGAAGGGGGGTTCCGAGG AATAGGAAAAGACCAAAAAAAAGGAAAAGAGAAAGAGGAAGGAAAACCGG
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AAAGGAAGGGAGAGAGGGGCAAAAGGAAGGGAAAGAACCAACCAGGAGAG ACCGGAAAAAAGGGGGGACGACAGGAAAAAAAGGAAGAGGGAAAGCCGGA AA $\operatorname{l}$ GGGGAAGGCCGGAAACAAGAGGGGAGGGGGGGGAAACCGCAACAGA G G ACGGGGAGAAGGAAAAAAGGAAGGAAAAGGGGAACCAAAAGGGGAAGG AA G GACAACCCCGGGGGGGGAGGGGAGGGGAGAGGAAGCCAGAGAGGGG ACCAAGGGAGAAACAGAGGGGGGAAGGGAGGAAGGGGGGCAAACCGGCA CCGGGGCAGGAGGGAAAAGGCCAACCGGAAAAGAGAGACAAAAAAAAAGA GAAGAACCAAAGAAAGCCAAAGAAGGGGCCGAAGAGAGGGAGAGGGGGGG G GCAGGAAGAGACACCGGCCAAGAGGCCGGAGCCAGAAAAAAGAGGCAAA A G GAGGGGCCAAGGGGCAGGGGAAGGGAAGGGGGGGAAAAAGCCGGAAA CAGCCAAGGCCGAGGAAAGAAAAGGAACCGGAGGAGGGGGGAGCAGGAAC CCCGGGGCCAAGGGGAGGGCCGGAAAGGAGGGAAAAACCGGAAGGACGA G G G G G GAAAAGGGGAAAAAAAAAAAAGAGGAAAGCAACAGGGAGGGCCCC GGGAGAAAGGGAAAGAGGAGGAAGGGAAAGGGAAAAAAGAGGGAAAAAAC CAAAAAGAAAGGCCAACCAACACCAAAGGGGGGGGGAAGGGGGGGGGGAA GAAGCAGGAGAGAACAAAAAAAAAGGAACCAATTAAAACCCCGGGGGGAA GGCCGGAAGGGAAACGAACCAGGAAGCCGGGGCAAACAAACCCAAAAAAA AGGGCCAGGAGGCCACAACCGGAAAAGAAGAACCAGGGAGGGGAAAAAAG AAGGAACCGGAAGGAAAAGAAAAAGGGGGAAAAAGACCCCAGGAGAAGCC AGGAAAACGAAAAAGAGACCGGAGGAAAGAGGAGAAAGCCAGAGGAAACC AA G G G G G GCAGGAGGAACAGAAACAAGAAGAAGAGAGGGGAGGGGGGGG AAAAAGGCCGGAGACCCAAGAAGCAAAAAAGGGCAATGGAGAAAAAGGAG GGGAAAGAGAGGGAAAACAAGAAAGGGGGCCGGAGCAAGAAGGGAGAGG GAGGAGAGGACCAAGGGGAAAGGGAAGGGAAAAACCAGAAGGAGGAGAAG ATGGAGGGAGAAGAAAGGAAAGAAGGGGGGACAAGGGGGGCCACAAAGAA GAGGAAAATAGCGAAAACAGGAGGAGGGAAAGCCAAGGGGAACCGGGAAC ACCCGGAAAAAAACAGAAGAAAAGGAAGAGGGAGAAGGGGCAGGCCCACC AGAAGGGAAGGAAAGAAGAAGAAAACGGCCGGAAGGAAAAAGAGCCGGGA AAAAAAGGAAAAGGAAGAGGCCGAAAAGAAGGAGGGGGGGAAGGGGAAG GAAAACCGGGAAGAAACGAGGGGAACAGGAGGGCCGGAAGGGGCCAGACA GGGGGGGAAGGGGAGAACCAGGGAGGGGGGGGGAAAAAAGATTAACCGG AA G GAAGGAAGGCCGGAAGGGGGGGGAAAAGGGAAAGGCCAACAGAGGA GAGGGGGAAGGAGGGACAACAGAGGGGAGCCGGAAAGAGCAGGAGAAGG ACGGCAGGGAAGGAACAAGGAAAAAAGAAGCCGGGGGGCCAGAGAGAAAA GAGGGAAAGAAGGGGGAGAACCGGAAGAAGAACAGGGGCAGGAGAAACGA GGGAAAGGGGAAAGAAGAGGGGGGAGAGGAGAAAGGAGAACAGGAAGGG A G G A G AA $\operatorname{A} A \operatorname{A} A \operatorname{GAGAGGGGGGGAGGAAAAAAGGAGAGGGAGAGCCCAAG}$ AAGGAACCCCGAAGACGGAGGAGGGAGGAAAAAAGGTTAAAAGGAAGGGG CCAGAGGGCCAAAAAAGGAAAAAGAGGGAGGGAAAAAACCCCAGGGGGAG CAAACCCAAAGGGAGGGAAGGGAGGAAGGGGAGAAGCCAAAAGAGAACCC GAGAGACCGGCCGGAAAGGAGGAAAAGGAACAGAAGGGGGGGCCGGAGG AA $A$ AA $\operatorname{lng} \operatorname{GGGGGGGGGAAAAAGGCCAGGGAGCCAGGAACAGAAGGGGGG}$ GGCCGGGGGGGAAGCCAGAGGGAGGAAAAAGAAGGGAGCCAAGAAGGGG ATTGGGAAAAGGAAGAACCAAAAAAGAAAGGGGAAGGGGAAAAGGGGAGA G G GAAGACAAGAAAAAAGGGGCCGGCCAAAGGGAAAACCAAAAAAGGAAG GGAGACCCCAACCAACCAACCAAGGAGGATAAAAAGGGGAAAAAAAAGAG AGGGGAAAGGAAGGAAACCGGGGAACCAAAGAACCGGAAAAGACCAAGGA CGAAGAAGGACGGGCAAAGGAGGGAGAGAGAGAAGAAAAGAAGGAGAGAC AAAGGGGAAGGAAAAGGGGCCCAGGGAAAGAGAGAGAAACAGGGGCCAGG AAAGGACGGAACCGGGGGGAAGGAAAGAGGGGGAAGGGAGGGAGAGGAA AAGAGAACAAAAGAAAAGGAAGACAAGAGAGGAAAAGAGGAAAAAAAGAG AGGGCGCAAAAAGGAAAAAGAACGAGAAAAGGAAAAAAAAAGAGAAAAGG CAGGGGGGAGAGGAGGGAAGGGCCGAGAGGAAGACCAAAAGGAATAAGAA AGAAAAAGAGAACAGAAGAAAAAAAAGGGGCAAAGGAAAAAGGGGAGAGG G GAAAAAGGAAAAAAACCGGAACCAAAACCAAAAAAAAGGGGAGAGACGA A GAAAGGGAAGGAAGGAGGAGGAGGGGGAAAGGAACCCGGAGGAGAAGA GAAAGGGGGCCAAAGGGAAAAAGAGAGCACCGGAGAGGGAGAAGGCCGGA AGAGAAAAAAAAGAGAAGCAGGGAAGGGAGACAGGGGAAAGAGAGAAGGA AAACCAACCCCAAGGGGGGAAAAGGGGAAAAGGGGAAAAAAGGTAGGGGA GGGGGGAAAGGAAGGGGAAGACCGGGGGAAGACAGGAGAAGGAGAGGGG AAAAGAGGAGCCGGGCAAGGGGAAAAGGGGAAGAGGGGGACCAAGGGGG

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G GAAGAGGGAGGAAAAGAGGCAAAGGTTAAGGAGAGAAAAAGGGCCCCGG A GA A A A G GAGGGGGAAGGGGGGGGAGAGAAGGGGGGAAGGAAAAAAGGG AAAGGAAAAAAGGCCAAAAGGGGGGAGAACCGAAGAAGGCCGGAAAAAGA AAAGGCAAGAACAAGAGAGAGATGGGGGGAAGGAATTAACCGGGGAACCA AAAGGAAGGAAAAAAAAGGAGGGGAAGAGGGAGCCCCGGAGCCGACACAG AAAGGAGCCGGCAAACCCAGCAGAACAGGCATTGAAACCAAAGACAGAGA GAAAAAGAGAGGGAAGGGGCCGGAAGGGGAAGAGAGGAAAGACCAAGAAC CGGAAGGAAAGAGGGAGAAAACCAGGGGAGGAGGGGAAGGGAGAAGGAA GAAAAAGAAACCAAAAGGGGAAAGCAGAGGAAAAAAGGAAGGGGAAAAGG GGGGGGAAGGAAAAGGAGGGTTGAAGAGAGGGGAGGAAGGAAAGAGGAG GAAAAGGAAAAAAAGAAGACGCCAGAGAAAAAAGGCCCCGGAAGAAAAAA AGGAAAAAAAAGGGGAAGGAGAAAAAAGGGGGGGGAAAAAAAAAAGGAAC CAAGGGGGGGGAAGGGGAAGGGGAAAAGGAAAAAAAAAATTGGAACCAAC CAGGGACGGAGAAGGACAGGGAAACAAAAGAAAGGGGACGGGAGCGACCA GGAAGAAGAGAAAAAAAAAGGGGAACCAACCAAGGAAGGAAGGCCAAAAG GGGGGAAAAAAGGGGAAGGGGAAAAGGGGGGAAAAGGGGCCGGGGAAAA AA G GAAAAGGGGGGAAAAAAAAGGGGGGGGAAAAGGGGAAAACCCCAAGG GGAAAACCGGCCCCGGAAAAAAAAAAAAAAAAGGAAGGGGGGAAGGAAAA GGAAAACCGGAAGGAAAAGGAAGGGGGGAAGGAACCAAGGGGAAGGGGG G G G G G G G G GAAGGCCGGAAGGGGAAGGAAGGAAAAAAAAAAAAGGCCGG G GAAGGAATTGGGGAAAAGGGGGAGGACAAGAAAAAGGCCGGCCAAAGCC AACCCAAAAAAAGAGGAAGGGGGAGGGGAAAGAGGGAATTGGACAACAAA GGACAAAAGAAAGGATAGCCGGAAAAAAAAAAGGAATTACGAAAAAGGAA G GAAAGGGCCAAGGCCCCAACCGGGGAGAAAAGGGACAAAAGAAGGAGAA GAAACCAACCAAAAAAGGAAGGAAGAGGTTAAGGAAAAGGCCGGAAAAGG CCAAAGAAGGGGGACCCCGGTTAAAGGAAAGGAAGGAGAGCGAGAAAGAG ACGGAAGAGGAAAAGAAGGGGAAAAAGAAAAAGAGAGAAAAGGGCCAGAA AGAAGGACAGAAAGGGGGAAAAGGAAAAGGTTAAGGACAAGGAAAGAAGA AAACGGAAAAAAAAAAAAAAGGGGGGCCAGAAAACCGGAGGAGGACCCAA AGAGCAAAAAAAGAGGGAAGGAGGAGGAAGAACAGGGGGGAAGGGAGAAA TTGGCGAAAAGGGGGAGGAAAAAAGGAAGGAAACGGCCGGAGCAGGAAGG GAAAAAAAAGGGAAGGGAAAACGGCCAAAACCCCCCGGCCACGGCCGAGG GAAGAAGAACAGGAAGAAAAAGGGAGAAGGAGGGAAGGAAGGCCGGGAAG GGGGAAAGCCAAAAAAGGAAAAGGCAAGGGGGGGGGAAGAAGGGAAAAAG G G G G G CCAGGAGGGAAAGGGGAAAAGAAGGGGAAGGAAAACGAGAGGGG G G G A A G G G G CAGGAAA GAAAAGAGGAGGAGGCCGGAGGGAGGGAGCCAG G G G GCAGAAACCATGAGGAGGACCGAGGGAGAAGGGGGAAGGAAGAGGA AA $\operatorname{GAGGGCAAGGGGAAAAGAAAAGGAGATGAAGCCAAGGAAAAAGGGGGC~}$ CAGAAAGGAAAGGAGGGAAAAAGAAGGAGAGAACCGGGGAAAAAAGGAAG AGGGAAAGGGAAAAAAGGGAGGGGAGGAAGAGGCCAGGAAGAAGGGAGA G G A A G A A G G GAGGGGACCCCGGGGGGGGAAAAGAGGGGCCAAAAGGGGG AGGGGGGGGAAAACCGAGAAGGGGAAGCACGGGGGGGAAGGAGAGAAAG AAGGGAGGAAGGGGAAGGCCAAGGGAAAAAAAAAAAGGACGGAAGAGGAA AA GAAAACGGGGAGAAGGGGAAAAAAAAAGGGAAGGGGAACACCGAGGAA GGGAGGGGGGAAGGAGAAAGGGGAGAGGAGGAAGAGCAGGAAGGAAGGA AGGAAGGCAGAAGAAGGTTAAACGGCCAAGGGGAAAAAAAAGGGGAAAGG AAGGACCGGAACCAGAAGGAAGGAAGAGGGAAAGAAGCCGAGAGGAAGGG AAAGGGAAAAACCTTGAGGAAAAGAACAGAGAGGAAAGACCACGGAGGGA AGGAAGCAGCCAAAAGGAAAAGGGGAGGGGGAAAGGGCAAGGAAAAAGGG GAAAAAGGAGACAAAGAAGAGGGGGGAGGGAACGCCCAACCAAAACCAAG ACGGAGAGGGGACGGAGACAAGGAAGGGGGGGGGGAATTGGGGGAAGGA G G G G G GAGAGACCCGGGAAGAACCGGGGGACCAGAAAAAACCGGGGGAAC AGAAGAAAAACCAAAAGACCGGGGATAACCGAGAGGAAGGGGAGAGAACA G GAAAGAAGGGGCCGAAAAATTAAGGAGGGGAGAAGAAAAAGAAGGAACC AAAAAAAAGGAAAGAGAAAAGGGGCCAAAAACGAGAACAAGGCGGGGAAG G G GA $\operatorname{l}$ G G G G A A GAGAAGGGGGGGGGAGACCAGGGAAGGGGTACAGACAA AA $\ln A \operatorname{A} G \mathrm{GAGGGAAGGGAGAAGAGAGGAGGGGACGACCGGAAAAAGAAAAA}$ AAAGGGGAGGGGGGGAAAGCCGGGAGGGGAAAAGGGAGGGACAACAGAG G GA $\ln A \operatorname{GA} \operatorname{GAGCCGGCCGGAGAGAGGACAAAGGAAGGGGAACCGGAAGGA}$ AGGGGCCAAAAAACCAGGGGGAAGAGGCAGACAGAGAGAAAGGGGCAAAA AAAAGGAGACAGAGGGACCAGAGCCGGGGGGCCAAGGGGACGGGGGGGA

G GAGAGAAGAGGAGAGAAAAACCCGGCAAAAAAGAAGGAGGGCAAAGGGG AA $\operatorname{A} G \mathrm{G}$ GAAAAGGCCGGGAAAGGAGGGGAGGGGGGGGGGAGAGAAAAGAA AGGAAAGAAACGGAGAACCGAAAAAAAGGGGCAAGAAAACCAACCAAGGA AGGCCAAACAAGAGAGACCGGGCACGGGAAAAGAGAGCAAAAAAGAAAAA GAAAAAAGGGAACACGGAGGAAAAAAGAAGGGGAAAAGGACAAGGGGAAG A GAGGAGGAAAAAGGAGAAGAAAGAGGTTAGAAAGGAGAGGGGAAAGAAG GAAGGAAGGAAGGAAGGGGAGAAAGAAAAAAGAGGGGAGAAGGAAAAACA ACCGGCCAACCAAAAGAGGGCACGGAAAAAAGGAGGAAAGGAGAAAAAAG GCCGAGGAACCCCGGGGGGAGGAAGGGCCGGGGCCGGACAAGGAGGGGG GGGAAGAGGGCAGGGAAACCGGGGGGGAGAAAAACCGGGAGGAGAAAAA GGGAGGAGAAAAAAGAGAAAAATGGAAGAGGGAGAGAAAAAAGAGAAAAA AGAAGAAAACCAGAAGGGAGAAGAGGGGGGGAAGGGAAGAAGGGAAGAAA GGAAAGGGGAAAAAGAGGAAGCAAAAGAAGACCGAACAGGAGAAGAGGGG GGGCAAGAAGACCGACCGGACAGACGGAAAGGACCAGAAGGAAGGGGGGA ACCAAACCCGGGGAAGAACGGGGAAGGAAGGGGAAGGAGGGAAGAAAGGC AAGAAGGGGCAAATAAAAACGAGAACCGACAAGGGAAGGAGAAACGGAAA CAGACGAAGGGAGGGAGGGGGCCACCCACGGGGAGAAGGGAAGACAAGG G GAA $\operatorname{l}$ GAAAGTAGGGGGGCCAGAGGGAAAGAGGGAACCAAGAGGAAAAG G G G G GCCAGAGCCAGAGAAAAAGAAGGAGAGAAAAGGAGAGAACCGGGAG A G G G A A G GAAAAAAAGGGGAAGAGGGGCCGAGGGAGGGGAGGAGGAGGG GAGGGAAAAAGAAAAAGGAAGGACCCAGAGAGGGAAGACCGGAAGGGGAG AGAGCACCAACCAGGGAAGGAGAGACGAAAAACCCAGAGGGGAGAAGAAG G G G A G GA G GAGGGGGGAAAAAAGGAGAAGGGGAGGAAGAAGAGACAAAA GAGGAGGGGAAAAGGGAAAACAGGAGACCGGGGGAGGAAAAGGAGGGGG GGAGCAGAGAAGAACCGGGGGGAAGACCGAAAGGACAAAAGGAAGGGGAA GGCCAAGGAAAAGGGAGGAGAGGGGAAGGAGGACAGAGGAGAGGCCAGA AA $\operatorname{l}$ GGGGGGGAGAGGGGGACCAGCCGGAAAAAAAAAGGGGAACCGGGAGG G GTTGGCCGGAGGGGGGAAAAAAACCAAGAGAAGAGAGAGAAGAGGGGAA GGGCGGAACCGGGAAAAAGGCCAGCCAAAAGACAAAGGGGAAGGAGAAGG G G G G G G GA G G A C CAGGGAGGGAAGGAGGGAAAGGGGGGAAGAAGCCGAA AAAAAGAGGGAGAGGCCAAGGGGAAAAAAAAGGAAAAGGGGCAGGAGGGG ACAAAAGACAGGGAAAACCGGAGAAAAGAGAAGACAAAGCACAGGAAAAA A G G G GAA GAAAAAGGAAGGTTGGAGACCCAGGGAAGAGGCCGAGAAGGG GAGGGAGGGGAAGAGAAAAAAGCCGGAAGGAGAAGGGGCAAAAAGGCAAG ACGAGGAAAAAGGAGGAAAACGAACCCCACGCGGGACAAACAGGAAAAAA CGGGAGTTGGCCAACCGGCCAAAAAAGGGGAAGGGGGGAAAAGGAAAAGG GAA G G G G A G G G G G G A A A A A A A G G GAGGGAAAAGGAAGGGGAAGGGGTTA AAAGGAAAAGGCCAAGGAAAGAGAGAAGGAGGGACGGCCAAGGCCAAAAG G G G G G G G G GAAAAAAGGAAAACCTTGGAAGGGGGGGGGGAAAAGGAAAA G GAA G GCCGGCCGGAAAAGGGGGGAACCGGCCAAGGGGAAAAGGCCGGG GCCAAGGAAAAGGAACCAAGGCCAAAACCGGAAAACCGGGGGGCCAAGGG GCCAAAACCAAGGGGGGGGAAGGGGAAGGGGAAGGAAAAAAAATTCCGGA AGGAAAAAAGGAAGGGGGGAACCAAGGAAGGAAAAAAGGAAAAAACCCCA AAAGGCCAAGGGGAAGGAAAAAAGGAACCGGGGGGAAAAAAAAAAAAGGG GGGAAAAGGAAAAAAAAAAGGAAGGAAAAGGGGGGGGGGGGGGGGGGAA CCAAGGAAAAAACCAAGGGGAAGGAAAAGGAAGGGGGGAAAAAAGGAAGG GGGGGGGGGGAAAAAAGGAAGGGGACCAAAAGGGTTGGACAAGGGAAAC CCCAGGAAAGGCCGGAAAAAAGGCCCCAAGGCCCCGGCCCCGGGGAAGGG A G G G A G G G G G G GA G G G G G G G G G G T T A A G G G GAA G GAAGGAAAAGGGGAA G G A A G G A G G A G GAAAAAGGGGGGAGGGAGGAAGGCAGGGGAAAAGGAGA G G G A G A A AAAAAGGGAAGGAAGAAGAGAACCGGCCGGAAAAAACCCCGGG GGGAACCAAAGGGAAAAGGGGGGAGGGGGGGGGAAGACAGAGGAGAGAA G G G G G A G GAAGGAAAAGGCCAGAAGGGGAAGAGAAGGGGGCACCGGAAA A G G GAGGAGAGACCGGAAATTGAAGGAAGGAGGGGAGAAGGAGAAGGGG G G G G A C A G G A A G G GAAGGGGGAAGAAAAGGGGAGAGAAGGAAAGAAAGG G G A G A G G AA G G GAAAGGAAAAGAGAGGGGAACCAGGGAAAAAAAGGAGGC CAGCACCAAAAGGAAGAAAACAAAAGGAAGGGAAGAGAAGGCCGGAAAGA CAAGGAAAAAGAAGGAGGAAAGACAGAGGGGGGGGAGGGAAGGGGAGGG G G G GAA G G G G G GAGGGGGGAGAACAAAGGAGGAGAACAGGCAAAAACCG GGGGGAGGAACGACAGGGGCCGGAAACGAGAGGCCGAGGAGAGGGAGAA GGAACCGGGACCAGAGTAGAGGACGGGGGAGGGAGGACAAGAGGCCGGG

GAACCCAGAGGGAGAAGAAAAAAAAGGGGGGGAGAGACAAAGAGGAAAGG AA GCACAAAAAGGACGAAAAAAAAAGGCCGACCAAGGGACAGAAAAAAAA AAAAGAACCGGAGGGGAAAGGGGAAAGGGCCAGGGGAGGAGGACCCAGG GACCGGAAAAAATTAGGCGGGGGGAAGAAAGGACGGAGAAAGACCACACA AAA $\operatorname{A} G \mathrm{G}$ GGAAGGGAAGAACCAGGGACAAGGGAAAAAGATAAACCGAGGGG AA $\operatorname{l}$ GAA $\operatorname{G}$ GAAGGGGCAGGCCGAAGAGAAGGGAAAAAAACCGACCGAAAAA AAAGGACAGGAAGGGGCAAAAGAAACAAGGAAGGACAGGGAAAGAAACGG G G G GAAAA GAGAACAGGAAAGGGGAAAAGGGGGGAAAGGGAAGGCCAACC GAAGAGCGGGGGAGCCGAAAAAAAGGGAAAGGGAGGGGAGAATTAAGAGA AAAAAAGGAGAGAAGAAAAAGGAAGGGGAACCAAAGAAGGCGGGAAAGGA AACCAAGGGGAGAGAGGGGAAAGAGAAGGAAGAGGAAGAGAAAAAAGGCC ACAAAGAAACGAGAGAAGAGAGGAGAGAACGAAGGGAAAAAAGGGGGGAG GGACGAACAGGAAGACAGAAAAGGAGACCCAGGGGGAAACGGAAGAGGGG AAGGCCAAAGAAGGGGCCAAGAAGGGACAAAGAGACGGGGGGCAAGAGGA GGCAAAGGGAAGGGAAGGGAAGGAGACCGAGGGGAGGAGGAAGGGGAAG GAAAGGAAAGAGGAGGGAAGGAGGAAAAAAGGAAGAAAAAAAAGAAAGAA GACGACAAAGGGGGGGGCAAGAAAGGGAAGGAGAACCAGAAGAAGGGGG AAACGGAGAAGAAGGGAGGAGGAAAAAAGGAAAAGGGGAAGAGGGGGGC CGGAAAAGGGGAAAAAAGGGGAGGGAAGGAGGAGAAAGGAAGGAAGGGG GAAAGGAAGGAAAAAAGGAAAAAAGGAAAAGGAAGGAAGGGGAAGGAAGG AGGAGGAGGAGAGAAAAAAAACGGGGAGCCGGGGGGGAGAAGGAGAGGC AA $\operatorname{A}$ GGAAGGCAGGCAAAAAGGGGGAGAGGGGGAAAGAAAGGCCGGAGAA AAA $\operatorname{l}$ G GAGGGGAGGGAAAGGGGGAGGAAGAAGAAAAAAAAAAGGAAAGAA CAGGGGCCGGAAGGAAAAGAGGGGGGGAAGAAGGAAAGGAAGAAGGGGA A G G GAGAGAAAGGAAAAGGAAAGAAAGGGAAGGAAAAGGCCGGAAGGAAA AAAGGCCAAGAGGAGCCAAGAGGAAAAGACCGGGAAGAAAGAGGGGACAC CAAGGAACAGGAAGGAAGGAAGGAAAGAAGAAAGGGAAAGGGGGGGGGG AA G G G GAAGGGAACGGCCAAGAAAGAGGGAAGCAGGAAAGGGAAACAAAG AAAGGGAGAGCAAAAGGAGAGAGAGACCGAGGAGAGACGGAAACAGGGCC AACCGAGGGGGGAAGGGGGGAAAAAAGAGGGAGGCAAAAAAGCAGGCGG GGGAAAGGGGAGGGGAAAAAAAAAAAAGGGAGGAAGAGGGGAAGAGAGA ACGAAGACAAGGGAGGGACCAGAGCCAAGGAAGGAAAGGGGGGGAAAAGG G G G AA GACGAACAGAGCCGGAAGAAGACAGGAAAGGAAGGGGGGGGTTG G G GCCAA G GAACCGGCCAAGGAAAAAAGGGGAAGGGGAAGAGGAAGGAGA CGAAGAGACGAAGCAAGAGACAGAGGAAGGACCAAAGAGGAAGGAACGAA AAACCAAGGGGAAAAGAGGGAAAGGACGGAAAGGAGAGGGGGAGGAGAG AA $\operatorname{H} A A A G G A G A A G G G G G G A A G G G G C A G G G G A G G G G A A G C C A G G A C A C C G ~$ GGGAAGAAAGAAAGGAAAGAGGAAAGGAAAAAGGGGGGGGGGGGAGAA G GAAGAGACGGGAAGGAGAGAGGGGGGAGCCGGAAGGCCGAAGCCGGAGG A G GCCGAGGCCACGGGGGAAGGGAGAGGGGAAGGAACAGACGGAAAGAG GAAAAGGGGAGAAACCCCCAGACAAGGGGGGGAGGGGGGGGGGAGGAGA ACCAAAAGACAAGGGCACCGGAAAGAGGGGGCCAAGGCCGGGGAAAAAAG AGGGGAGACAAAAAACAGGGGGGGGGAAGAAGACCAGGGGGAAAAAAAAA AGAGAGGAGCAAAGGAAGGGGGGGGACGGGACAGGCCAAGGGGAAAAGG AAAAGGGGGGAAGGAAGGAAACAGGAGGAGAGGGACAAGGGGGGGGAAA AGGAAGGGGAAGGGGGGAAAAGGAAGGAACCGGGGGGAGGGAAAGAGGG AAGGAAGGAGGGGGAACCAAGGAAAAAAGGGGAAGGGGCCGGGGAAAAAA G G G GAGGGGGAGAGAGAAGGGGAGAAAGAGGGGAGGGGAAGAGGCACAG AAAGACCACAAGAAGGAAAGGAAAAAACCAGGGAAAAGGAAGGGAACAAA AGAAAGAAAGGCCGAGAAAGGGGAAGAAGAACCAACCAAACAAGGGAAAG G G G G G A A G G G A G GCAGGAGGGGGGGAAAAGACCGACACACCAAGGGGAG AGGAGGAACCGGAAGGAGCAAAGGGAGAGGAAGGAAAAAAAAGGAAAAAA AA $\operatorname{A}$ GGGCCGGGGCCGGAAAGGGAGAGAAAGCCGGGGAGAGAGAAGAGAA AAAGGCAGAAAGGGGGAAACAAAAAAAACACGAAAAAGGGACAGGAAAGA A GACAAAGGAAGGGAAGAACAGGGAGAAAAAAAGGACAGAGGGTTGGCAA AGGGGAAAAAGAAGGGGGAGGGGGGAACAAGCCGGGGAAGGAAAAAAGG GGGGAGAAAAAAGGGAACCAAGGGAACCCCAAGGCAACGGGACAAGGGGA A G A A A G G G A G G G G G G G A G A G G G G G G G G G A A G G A A CAGGGGAGGGAGAGA AGGGGAATTAAAGAGAAGACAAACCAAGGAAAAAAGGAAACAGAAAAGAG G GAAAAAGGGGGGGAAAAAAAGAAAGGCCAAAGCCGGGGACCAGAGAGGA AGGAGGGAAAAAAAAGGGGGGAACCAAAAGGCCAACAAAGGAAAAGAGGG

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AACCGGAAGGCCGGAAAAGAAGCAAAGAAAAAAGAGGGAAGGCAGGAAGG AGGAGGGAGGGGAAGGAAGGGAGGGGCCAAAACCGGAGAGGAAAAACCAA GGGGGGGGAAGGGGAAGGGGAGACGGGGAAGGGGAGAGAGGGACGGGGA GCAGGGACAAAAAAAGGCGAGAGAGAAGAGGCCGGAAGAAGGCCCAGCCG GGGGGGGACGGGAGAAGGGGGGGGAGGGAGGGGGGAGGGGGGGGAGAC AAGACGAGGGAAGGGCCAAAAGATTAAGGGGGGAAAGAAAAGGGGGGAAA GGAAGAGAAAAAGGAAAAAAGGGGAAAAAAGAAGGAAAAGGAAGGGGGGA AA G GAGAACAGGAAGGGAACCGGAAGGCCCAGAGGGGACGGACGGGGGG AACAAGCCGGAAGAGGAAACAGGGGGAGAAAAAAGAAAGGGGGAAGGACA GAGAAGGAGAAGAAAAAACCAAAAGGGGGAAAAAGAACGAAAAAGAAGGG AAGGAAAGGGAAAAAGGGAGGAAAAAAAACAGGGGAAACCGGAGGGCCAA GGAAATGCAAAAAAAAGGCGAAGGAAGGCAGGAGAAAAAGAAAAGGTTAG AAGGGGGAGGGGAAAACCAAAGGGGAAAGGGGAGGAAGGGGACACCGAG GAAAAGGGGGGGGAAGGAAGGAGGAAAAACCAAAAAAGGAGAGGGAAGGC CAAAAGGAAGGGGCCCCGGGAGGAGAAGAGAGGAAAGCCGAGGCCACCAA CAAGGAAAGAAGGCCCCAGAAAAGAGAAAGGAGAAAGAAGGGGAGAACCA GGCCCGAGGAGGGGAGAGGAAGAGGAGGGGAGGGGGAGGAAAAGGAAAA GGAGAAGGAACAAAGGAGCCGGAAAGCAAAGGAGAAAGACCCGAACGGAA GGGGGGAAAAACCCGGTTTTAGAAGAAGGGGAAGGCAAGGGGGGAAAACC AGAAGACCGGGAAACCGAAGGGAAGGAAAAAACCGGGACCAAAAAAAAGA GGGGAAAAAGAGAAAGAGGGAAGAAGGGCCCCGAAAGAAAGAAGCAGACG CAGAGAGGGGAAAGGGGGAAAACCGGAAGAAGAAAGGAGACCGAGGGGAC CATAAAGGGGGGCCAAAGAAAAGGAAAGAAGAAGTAGGGGAAGGGAAAAA GGGAGGGAAGAAGGAAGGGGGGGGAGGGACGGGGAAAGAGAAAAAAGAA ACCGGGGGAGGAAGGAACCCCAGGAGGAAAAGGAGGGAGGGGGAAAAGA GGAACAAAAGGGGACCGGAGAGCAAAAGAAAGAAAGAACAAAAGAGGGGG GGGGAAAAGAGGAGGAACAAGAAGGAGGCGGGAAAAGACCGAACAAAAAA GGAGGAAGAGAGAAGGAGACGGGGAAGGAGAGGGGGGGAAGAAAGAAGG AGGGAGAAAACGGGAGAAGAAAGCCAGAAGGAAGGGAAAAAAACCGGGGA AGAGGACAGGGAAGAAAAAAAAGGGGGGGGGAAAAGGGGGGAACCGGCC AAAGGAGGAGAAAAAAGGAAAAAAAGAGGCAAGAAGAGAGAAAAAAGGAG AA G GAA GGACGAGGGGGGAACAGGGGGGGAGGAAGGGAGGGGGGAGGGA ACAGAGGAAAGAGGGGGGGAAGGAAAACCACGAGACCGGAAGGCCCCGGA AGAAACCAAAGAAGAGAGGGGGGCCAAGAGGGGAGGAGGACAAAAAAAAC CAGCACCGGAAGGAGGACAAAACGGGGAAGGCCGGAAAAGGAAAGGAAAG GACCAAGAAGGGGGAGGAAGGGGCAAGAAAAAAAGGGGGGAGGAAAAAG GGGAGGGAGAAGATGAAAGGGGACGGAGGGGAAAGGGAGGCAGGAGGGA ACCAAAAGGAGGGAAAACCAAGACAAGATAGGGAAGGAGCCAGAACAAAG GCCGGCCCAAAAAAAGGAGGAGAAGGGGGCAGAAAGAGGGGAAGAGAGG GAGGAACCAGGAAAGGGAAGAGGAAAGAGGGGAAGGAAGGGGGGGGAGA AGAAGCCCAGGAAGAAAGGGGCAAAGGGAGGAGAAGGGGAACAAAAAAAA AGGAAAAAGAAGGAGGGGGAAAGAAAAAAGAAACCAAGGGGAAGACACCG GGAGGAGAAAAAGAAGGGGCCAAGGAGAGAGGAAAGAAAAGAAAAGGAAG AAAAGCCGGGAGAGAGGAACGCCGGGGAGAAGGAGGGGAAGAGAAACGG GGGAAGACGACCGGCCGGGGGAGAGGAACCAAAGGGGGGGTTGACCAAG GCCAAGACCGAAGGGGGAGGAGAAGAGAAAAAGGGGAAGAAGGAAAAAAA CGAAAAGCAGGAAGGGGAAGGCAGAGAGGAACAAGAAGAGCGGGGGGACC CAGAAGGGGAAAAGGAAGGGAAGGGAAGGAACAGGCCGGACGGAAACGG GGAGCCGAGGGGAAAAGGAAAAAGGGGGTTGAAAAAGGCCAAAAGGGCGG GGGGCCGGCAAGGAAAAGAACCAAAAGAGGAGGGGAAAGGGGAGAGGACC AGAAGAAGGGGGGGAAGGAAAAAAGGGAGGAAGCAAAAAAAAAAGGAAGG GAAAAAGGGGAAGAGGGGCCGGAATTAAAACACAGGAAGACCAGCAGAGA CCAAAAGGAGGGCAAAGGAAAAGGAAAAAGAAGAAGACGCGGGGAACCGG AGCCAAAAGGAACCCCAAAGCAGGCCCCGGAGGGGGGAGGCCAAAGAAGA GGCCAAGGAAGGAGGGGGGAAAGGCCGGGGGGACCAAACCGGGAAAGGA AGAAACCGGAAGGCCAAGGCCGGAAAAAGAGGAAAGGCCGGAAAAACAAA GGGGGGGGGAAGCCAAGAACCCCAAACGGGAGAAAGGGGGGAAGGGGAA GGGGAAAACAGAGGAAAGGGAGCCGAAAAAGGGGAAAAGGGGAAGGAAAA GGAAAAGACCGGAAAACCGGAAAAAAGGAAAAGGGGCCGGAGAGGCGGGG AAGAGGGGGAATGGAAGGGGAGGGCCAAGGGGAAGGAAAGGGAAACAGG GAGGGAGAAAAACCAGGGGAAGAGGAAAGGGGGGGAAGGGGAAGGGGAA

GAAAGGAGAGAAAGATAAGGACGGAAGGAGGGGAAAAAGGCAGGGGCCGA AA $\operatorname{A} A G G G A A G A G G A G A G A A G A A G G A A G G G A A A G G A A G G A A A G G G A A A A A A$ GAACCCAAAGAGAGAAAACCCCAAGGCCGGGGTTAAAAAAAAAAACGGGA AGAACCAACAGGAAAAAGGAGGGGAAAGGGAAAGAGCCAGGGACCAGAAA AAAGGGGGCCAGGAAGAAAAAAGAGGAAGGAGAGGGCACCAAGAAAAGAA G GAA $\operatorname{l}$ GGACAGGAGAGAAGGAAGGGGAGAGGAAAAGCAGGGAGGAACAC CGGACAGAGGAGAGAGAAAAAGAGGCAAGACAAAAGGGAGAAGGAGGGGA GACGGAAAAACAGAGAGAAGAGGGGCCAGGGAAGGAGAAGGGGAGGGAG ACGGGGAGAAGGAGGGCAAGAGAAAAAAGGAAGGGGGGGGAAGGAAACA A GA $\operatorname{l}$ GAAGAGGGGGGCCAACGAGAGGGGGGGAAAGAGCAAAGAAGGAGG CCAAGGGAAGAAGGAAGAAAAAAAGGGGAAAAACACAAGAAAAAAAAACC GGCCGGAGGAAGAAGAGAGGAAGGAAAAAAAAAAGGCCGGGGAAAAAGAG G GAAGGAAGAGGAAGAGGCAAGAGGGGGGGAGCAAGAATTAAAAAACCAG AGGGAAGGAAAAGGGAAAGAAAGGAAGGGGAGAGGGCCGGACGAGGACG AAAGGAAGGGAAAGGGGGGAAGAGACAAGGAAAAGAGACGAAGAAGGAAG GAGGAGGGGACGGGGAAGAGAAAGGGAGGAGGAACGGGGAGGACAGGAA AGAAGAAAAG
$28133000-9$ GAGGGGCCGGAGAGAGAACGGGGAAAAAGGGGAAAAAGAACC CCCCGAGGGGAGCAAGGAAGGAGGCCGAAAGGAACCAAAAGGGGAAGGGG G GCCGGGGAAGGCCGGGGCCGGAGGAAGCCAAAGGAGGAGGAGAAGGGA G G GCCGGAGAAGGGAGGAACAGAAAAAAGGAGGCCGGAGCCGGGGGAGA GAAAGGGAAACACCAAACGGACCAGGGAGAAGAAAAAAGGGGGGCCGGCC G GAAA G G G GAGGAGGGGGGGGGGGGAAAGGGGGCGGATAGGAAGGAGGA AAAAGAACCAGGAAAAAAGAACCGGGGGGCAGGCAAGGAAAAAAAAAAGA GAAAAAGGAAGAAGGAAAAACGGGGGGGGAGCAGAGGAAACGGGGAAAAG AGGGAAAAAACAACCAAAAAAGGGAGGGAACAACAACCCGGAGAAGGAGT AAGCAAAAGTTGAAGAAGGGGGAAGAACCAAGGAAAAAACCTTCCAGAGA CAGGGCCAAAGCCAAAAGGAAAACCAAAAAAAAGGGGAAAACCGGAAGGG GAAGGAAGGAAGGGGAAAAGGAAAAGGGGGGAAAACCAGAAGAGAACAAC CGGACGGAAGGGAGACAAGGAAAAAGGGGGGGGAGAAGAGAGAGACCAAA AGGGGAAAGACAGAAGGAAAAGAGGAGGGGACAGGGAAAGGAGAGAAACA AGGAAAAAAGGGACCGAAAAGGGGGCAACGGCCGGAGAAGGGAGGGGAG AAAAAAGGAAAAAAAACAAGAAAGGGCCAAGGGGGGGGCCGGTTGGGGAA AGAGAAAAACGGGAAACAAAGAGGAACAAAGGCCGGAAGGGGAGCCAAGG AGGGAAAAACAAAGAAGGGACCAGGGGAAGGGCCAGCCAAGGCCGGAAAA AAGGGAAAAGGACCAGAAAACAGAGACAAGAAGGAAAAGGAGGGGAGAGG G G A A G GAA $A$ AGGAAGAAAGGGAGGGAAAGGGGGGACAAGGGGCACCGAG ATAACAAGACGGAGCAAGAGAGGGGAAGGGGGGAAGGGGAAGGAAGGAA AA G GCCGGGGAAGGTTAAAAGGGGGGAAAACCAAAAAAAACCAAGGGGAA GGAAAAGGAACCGGGAAAAGGGCCAGAAAACCAAAGGAGGGAGAAGGGAA CCAAAAAAAACCGGCCAGAGGAGGAAGGGGAAGGGGGGGGGAGGGGGAA CGGCACCCAAGAGAAAAGGAAGGCAAACCCCAAAAAAAAGGAAAGGAGGA ACCAAGAACGGGGGGAGCAAAAAGGAAGAACGAGGGGGAGGGAAAGGAAG GGGGGGGAAAAGGGAAAAGCCAAGAAAGGAAAAGGAGAAAAGGCCAAGGG GAAGAGACAGAGAGGGGAAAACCGGGGGGCCGAAAGGAAGAAAGGGGGA GGGGAAAGGGAAGGGGGGCAATGGCAAAAGGAGACAAAAGAGAAAAAAAA AA G G G GAAAGAAAAGGAAGGGGGGGGGAAAGAGAAGACAAAGGGGGAAG AGACCAGGGAAGAACAGGGGGAAGGAGCCAGCCGAGGGGCCAGGGAAGG AAGGACAGACGAAAGACCACAGCAAAGAGGAGAAAGAACAAGAAGGGGGG AAAAAGAGAGGGATAAGGGGGGGAAAGGAAGGGGGAGGAAGACCAAAGAA AAAAAGGGAAGGAGAGAAAGGGGGGGCAAGGGGAGGGGAGAGGGGGAAG GAAAAAAGGAAAAGAGGAAACGGGGAGAAAAGGGGGAGGAGGGGGGGAA CCGGGGAAAAAAGGGACAAAAACCAAGGAAAGAGGGCCGGGGCCGAAAAA A G G GAGGGGGTAAGGGAAAGCCCAAGAAGGAACCAAGGGGAGGGACAAG G G G G G G GAAAAAAACAGAGAGAGAAGAGGAAAACCAAGGGGCCCCGAGAA AAAAAAAGGATCAGAAGAGACAGGGAAACGAAAAAGGCCAGAAAAAGGAG GAGGGGGAAAAGGGGAAAAACGGGGAAGAAACCGGGGGGAGAGCGAAAA AAGGGGAAAAAAGGCCGAACAACCAACAAAAAAAAAAAAGGCGAGAGAGG GGAAGGAAAAAACCAAAAGGAAGGAAAAGGGGAGGGACGAGGAGGGAGAA GGAAGGCCCCGGAAGGAAAAAGAACCGGAAAGAAACGGAGGGAAGGCCAG G GAGGGGGAAAGCCAAAGAAGAAGAAAAAAGAGACAAGGAGAACGGAAGG

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 GA $\ln$ A G G G GAGGAGGGGCCGGGGAAGGAAAAGGGAACGACCGAGGGGAAG G G G G GAAGGAACAAAGGCAAAAGAGGGAAGGAAGGAGCCAGGGACAGGG
 C G A ACGGAGAAAAGAAGAGAGACAAGAGGGAGGGGAAGGAGAAGAAGGAA AAAAGAAGGAAGGAAAAAAGGGGAGGAGGAGAAAAGAAAAAAGAAGGGGG GGGAAGGAAAGAGCAGGGGGGGGAAACCAGGGAGGGAGAAGGGAAGGAG ATGAAGACGAAGATAAAACCGGTAGAGGAAGGAAGAAAAGGGAGAGAAGG AGAGAGAAAACAGGCCAAAAGAAGGAAAGGGGAAAGATGAAAACGGGGAA TTAGAAGGCCGGGGAAGGGGCCAGCAAAGGAGAGAAAAAAGGAACCGGAA AAAGAAAAAAGGAGAAGACCAACCAGGAAAGAGGAAAAGGAAAGAAGAAC GGATGGGGGGAAAAGAAAGGGGAGAGAAGAGGGAGAAAGGGGAAAAGAA AAACCAACCGGAAGAGGAAGGAACAGAAAGGACAGCCGGAAAATAAGAAG GAGAAGGGGAAGGTTCCAAAGTAGAAACAGGGAAAGGGGAGAAGAAAAAG GAAGGCCCCAAAAGGACGGAATACAGGGGAGGAACGGAAGGGGGGAGAG G GAACAGGGGGGGGGGACGAGGAAAGAGGAGAGAAACAGGCCGAAGAAG AAGGGAGAAAAAAGGCCAACCAAGGAAGGCCCCGGGGAAAAAAAAAAGGA AAAAAGGAAAACCAAGGGGGGAAGGTTCCAAAAGGCCCCAAGGAAGGCCG GGGGGCCCCAACCGGAAGGAAGGAAGGAAAAGGAAGGGGGGGGAAAAGG AA $\operatorname{l}$ GAACCGGGGGGCCGGAAAAGGGGGGGGGGAAAAGGAAGGGGCAAAA AAAAGGAACGGAGGGGGGGAAGGAAAACCGGCCGAGGCAAGGGAGAGCC GGGCATAAGGGGCAGGAAAAGAAGGAAGGACAGAGAGAGGAAAAGGAAGG GAAGACAAACCAAAACCAGAAGGGGGCCGGGGGGAACCGGGAAGGGGGG GGGGGCAGGGGAAAGACAGAAAAAGAAAAGGACGGCCGAAAAGAAGACCG GTTAACAGGAGGAGAGGGGAAACAGAAAACCAGGGGAAGAGGAACAAAGG AAGGGGAGGAGAGGAGGCCAGAGAAGGCCAAGGAAGGGGGGAGCAAAAG AAGGCCGGACAGCCGGAGAAGGGGAAAAGGGAGGAGCCGGACAGCCGAAA GAGACCAAAAAAGGGGGCCCGGAAAGCAGGAAGGGGGGCCAGAGAGAACC G G G G G G G G G G G GAAGGAAGGGGAGCAACAGAGAAAAGGAAGAGAGGGCA A G AAA $A$ AA G GAGGGAAAGGGGGGGGCCTTAGAGGAGAGGAGAGAGGGAC GAAAAGAACAGAGGAGCACACCCCCCGGGAGAACAGAGAAAAAAGGGGAA AAAAGGGGAGGGGGGGCCAGGGGGAAAACCCCGGAAGAGACCGAAAGGAA AAAAAAGGAACCGAAAGAGGGGTAGAGGAAGAGGGGAAGGGGAGAAGGAA CCGGCCACAAAGAGGAAAAGGGAAAAAAGGGGAACCAGGGGAAGGAAAGG GCGAGGGGAACCGGAGCAGGGGAGGGAGAAGGGAGGAGGGGGGGAAGGA GCCAAGAAAGGGGGAAAAGAAACGGAGAACCCCGGAAATAGGAGGGGGGG GAAAAAAAAAAAAGGCGGAAGAAAAGGACAAGGGACGCCGGAGAAAAGGC GGGGAAGACAAACCGAGAAAGCCGGGGGGGGGAGGAAAGGGCCAAAAGG AAGGGAAAAGGGGGGGAAAAGGCCGGAAAAAAAAGGCCAAAAGGCAGAAC G G A G G G G G G G A GAGAGAGAAGGAGACAGAAAGAAACAGAGGGACAAGGA AGGAAAAGGAAAAGAAGGAAGAGGAAAAAAAGGACGAAACCAGGAGGGAG

G G G GAGGAAAAAAAGAGAGCCGGGGGAAAGGGGCCAAGGGGGGACTTCC G GATAGAAAAAAAAGGAAAACAGGGAGGGGGGGAGGGGAAGGAGAAAGG ACAAGAGGGCCGGAGGGGAGAGGGGAGCGCCCCAGGGAAGGAAGGAAGG AGGAACGAAGCCGGGGAAACGAGGAAGGACAGGGAAGGGGAAAAGGGCCA AAAAAAAAGAGAAGAAGGAACAAGCAAAAAAAAGAAAAGGCCAGAGCCGA G G G GAGGGAAAAGGAGAGAAAAGAGGAGGGGAGAAGAAAAGAGGGGAAG GCCAGCCAAGGCCGGAACCAGAGAAGGAAGGAAGGAAGGGGAGCCGGGGA GAAGGAAGGGAGGAAAAAGGAAAAGACATACCCGGGAAAGAAGGGAACCA AA $\operatorname{l}$ G GTTAAGGGGGGGGGGAAGAAAGGGAGAGAGGGAGGCCGAGGGGGA CAAAAAAAAAAAAGAAAGAAGGAGCCGGGACCGAGGGAAAAAGGACGAGA CCCCAAGAAAAAAAAAAAGGAAGGGGAAAGGGGGGGAAAAGGGGGGAGGG CCGGGGGGGGAAAACCACGGAAAAAAGGAAAAAAGGAAAAGAGGGGCAAA AAGGAAAAAGGAAAAAGGGAAGAGGAGGAAAGAAAAAAGAAGGGGCAAAG GAGAAGGAAAAAGGAGAAAGGGGGGAAAAAAAGAAGGGAAGGAACAGGGG GAAACCGGGGAACCGGGGTTAAGGAAGGGAAAGGGGGGAAGGAGGGAAG GAGAGAAAGGGACGACCAAGGGACCCACAAGAACCCCAAACGGAAAGAGA G GAA G G G G GAGAAGGCAAAGAAAGGGGGAAGGAAGAAGGGACCGGGGAA
 AAAAGAAAAGGGGAGAAGGACAAAACCAAAAGGGACAAACCAAGGGAGGA GGGAAGGAGGGAGACAAGGAAGCAAAAGGGAAGGGAAGAAAGGAAAGGAA G GAAAAGAAGGCCAAGGCCCCGGGGAAGGAAAAAGGAAAGAGGCACCAAA AAAAGAGCAGAGAGGGGGGAGGGAAAGGGAAAAAAGGCCCCAGGGAAGAG GAAAAGGGGAGGGGGCCGGAAAAAGAAGGAGAAGGGGAACCTTGGCCCCG GAACCAAAAAAAAGGGGAATTGGGGAAGGGGAAGGAAAAAGGGGGAGAAA A G G G GCCGGGGGGGGAAAACCGGGGAGGGGGGAAGGAAGAGAAGGGAAA GAAAAGGGAGGGGGGGAAGGGGAGTTAAAAAAGGGGAAGGAAAACCAAAA AAAAGGAAAAAAAAAAGGGGAACCCCGGAAGGAAAAGGGGAACCGGGGAA TTGGGGAACCGGAAGGCCCCGGGGGGCCGGAAGGGGGGAACCAAAAAAG GCCGGAAAAAAGGTTAAAAAAGGCCAACCGGAACCAACCAAAAGGCCAAG GGGCCAAGGGGGGAAGGAAAAGGAAAAAAGGCCAAAAAAGGAACCCCCCG GCCCCACGGAAAGGAAAAAGGTTGAGGGGCCGGCAAAGGGAAAGGAAAGA GGACAGAAAAAGGAAAGGGTTGGAAGAAGCCAAGGAAAAAAGGAAAAGGG AGGAAAAAAAGAAGGAGAGCCAGGGAAAAAGAGAGAACAGAAAAAAGAGA GAAAAACCCAGAAAAGGAAAAAAGAAGAAGGAAAAGAAAAAAAAGGGAAA AAAGGGAGACAAAGAAAAAAAGAAGAAGAAAAAGGGGGGGGGAGGAAGGA C GA $\operatorname{l}$ GGGGGAAGGCCAGAAGGAACCCCGGGGAAAGGAAACAAAGGAGCCG A G G A G G G A GTTGGCCGGAGGAAGAAGGGAGAAAGGAGAAAAGAAAAAAAG GCCCCGGAAGGGGCCAGGGAAACGGAAAAGGGGAAAAAGAAGGACAAGGA AAAGGAAAAAGGGAAAAAAGGAAGGGGAAGGAACCGGGGGGAACCAAGGA AGGAAAAAAGGGGAAAAAAAAAAGGAACCAAGGGGCCGGGGGGGGAAGGG GAAAAGGAAAAGGGGCCGGAAGGGGGGAAAAGGAAGGAAAAAAAAAAAAA AAA $\operatorname{lng} \operatorname{GGAAAAAAGGGGAAAGGGGGAGAAAAAAGGGAAGGAGGAAGGGG}$ GGGGGGGGAAGGAAGGACAGAGCAGGGAGAAAGGGGCCAACCAGACAGA AAGAAAAGGAAAAAGGGATAAGGACGAGAGAAAAAAGACAAGGAAAAGAA GCAGAGGGGGGCCAAGGACTTCCAGGAAGGGAACAGAGGACAGGGAAAAG GGAAGAAAAAGAAGGGGATGGGGCAGGGGAAGGCAACAGAAAACCGGGAG GGGGGAAAGGGAGACATAAAAGGAACCGGAAAAGGAGAGCAGAAGAGGGA ACAAAAGCGGGGGAAAAAAGAAGGACAACGAAGAAGGGGAAAGACCACCA A G G G GA $\operatorname{l}$ G G G GAGCAGGGGGGAAAGAAGGGGGGGGAAGGCCAAGACCAA CCAGGAGGAAGAGGAAGACCGGAAAAGGCAAAGGAAGAAGCCGGGGGAAG AGTAAGAAAAGGAACCGAGGAAAACGAGAAGGAGAAGGAAGGGGAAAGCC AAAGAGAGAAAACCAGAAAAAAGGAAAAAACCGGGGAAGGTTAAACAAAA AGAAACGAAAGGAGAGGGAAAAAAAACAAAGGAAGGGGAAAAAAGGAAGG AA $\operatorname{l}$ GGGCCAACCCCGGGGAGAAAGAAGGGGGGAAAAGGGGGGGGGGAAG GAAGGAAGGCAAGGAAAAGGGAGAAAAGGAAAGAAGAGGGGAGGGGGAA G GAA $\operatorname{G}$ GGGGGGGAAGGGGAAGGAGAGAGAACAGAAGGGGGGGGGGGAAA AAAGGGAAGGGAGGGGGATGGAAATGGAGGGAAGGAAAAAAGGAAGGAC AAAAGGGGCCAAAAAACCACAGAAAAAAGGAAAATTTAACAGAAGAGGAG AA $\operatorname{G}$ GAGAAGAGGGGAACGGGTACCAGAGACGGAACCGGGAAAGGAGGGAA GAAAGAGGAAACGAAAAACCAAAAGAACGAAGGGGGGGGGGACCGGCAAA AA G G G GAAAAAAAAAAGGGGGGGGAGCCCGGGAGCGGAGAGGGACCAAG

GGGAGGGGGAACAGAGGGAAAGGGAAAGGGGAAAAAAAAAAGGAACCGAA GAGCAAAGGTTACAGCCGACCGAAAAGGAAAAGGAAAGGGGGAAACAAAA AGGGGGGGGAAGGGGGGGGAAAAGGAATAAAGGAAGGGGAACCAATTAA CCGGCCGAGGAAAAAAAGAAGGAATAGGAAAAGGAAGAGGAAAGCCAAAG GAGGAAGGGCCAAGAAGACCAGGGGGCCCCGGGGGGGAACAGAAGGAATA A G A G G G A A A A G G GAA $\operatorname{AAGGAGGAGGGAAAGGGAAGAGGTAAAGGGAAGG~}$ GCAAGCCAAAGAGACGGATGGAAGGCCGGGGGGCCGGAACCGGGGCCCCC CCCTTGGTTTTGGAAAAGGAAAAAAGGAAGGGGGGCCCCAAAAAAGGGGG G G G G G G G G GAAAAGGAAGGAACCAAAAGGAAGGAAGGCCGGGGAAGGAA AAAAAAGGCCGGCCAAGGGGGGAAGGGAGGGGAGAGAAGGGGCCAAAGA TGGGAGACAGGCCGGGGGGAGAAAGGGGGAAGACACAAAAGGGAGCAGA AGGATACCAAACAGTTGGAAGGAAGGAAAAAAGGAACCAAAAGGGGGGAA AAAAAGAGAAGGAGAAAGGAAGGACCGGAGGAAGGAAACCACACGAAATT GGAAAGAAGAAGCAGAGGAAGGGGGACCAGAGGGAGAGAGCAAAAAAGGG G GAAAAGGAAGGAGAGGAAGGCCAAGGAGAGGAGGGAACCAAAAAGAGCC AAGAGGAACCGAAAACAGGGACAGCCAAAAAAAGGGCCAAGGGGGAGGAC AA G GCCGGAGGGGGGGAAAAGGAAGGCCAAGGGGAAGGAACCAAAAAACC AAAAAACCGGCCGGAAAAGGAAAAAAGGGGGGGGGGCCGGGGAAAAAAAA G GAAAAGGAAAAAAAAGGCCGGGGAAGGAAGGGGGGAAGGCCAAGGGGA AAAAAGGAAGGAAGGGGCCGGGGGGGGAAGGAAGGGGAAAAGGAAGGGG AAGGCCGGGGGGAAGGAAAAGGAAAAAAAAGGCCGGGGAAGGAACCTTAA AAAACCGGGGAAAAAAAAGGCCAAAAAAAAAAAAAACCAAAAAAAAAAAAG GAAAAGGAACCCCAAGGAAAAGGCCAAGGGGAACCGGAAGGCCGGAAAAA AGGCCAAAAGGAAAAAAAAAAAACCGGCCAAAAGGCCGGAAAAGGAAGGG G G G A A G G G GAAGGCCAAGGAAGGAAAAAAAAAACCAAGGAAGGCCGGGGA AAAGGCCGGGGAAGGAAAAGGAAAAGGGGGGCCCCCCAAAAAAAAGGGGG GAACCGGAAAAAAGGAAGGGGGGTTAAAAAACCCCGGCCGGAAAAAACCA AAAGGAAAAGGAAAAAAAAGGAAGGGGTTAAAAAAGGGGGAGGAGGAAAG GGGAAGGCCAGGAGAGGGGGGGGAACCGGAAACGGCCGGAAGGAAGGCC GGAAGGAAACGGGAAAGGAGAGAGGGGAAAGGACGGAGAAGGAAAAAAAA AAAAGGGGTTAAAAAAAAGGGGGGAAAAAAAATTGAAACCGGAAGAAAAA AA G G G GAGACCCGGTTAGAAAAAAAAGGGGCCAAAGGAGAGGAGGGCCGG GAAGGGGGGGGAAAGGAAACAAAATTAAGAAGAAGAGGAAGGAAAAGGGG AA G GAATTGGAAAAAAGGAAGACCGGAGAAGAAGAAGGGGAACCGGAGGA GCGAGGACGAAGCCAACCGAAGGGCAGGGGAACACAGAGGGGAAGGGGG AGGGAAAAAGGAGGAAAGGAAGGAAAAAAGGAAAAAAGGGGACCCGGAGA AAAAAACGAGGCCAAAAAGCCGGGAAATTGGAGCGAAGGCAGAGACCGAA ACCAAAGGGAAGGAGAACCTATTAAAAAAAAGAAGAAGGAAAAAAAAAAAA GGAGAGGGAGCAGGGGGAGAGGGAAAGGAAGGGAAAGAAGGGGGGAGAG AGAGGGAAGCCAAGGGGGGGAAACCGGGGCCAAAAGGGGAAGGGGGGAA AAAAGGAAAAGGAAGGAAGGGAGGACGGGGGGTTCAAGAAGGAGGGGGA AGGAAAGGAAAGGACAAGGGGAGGGAAGAAAAGGAGGAAGCGGCAAGAG G GAGGGCCAAGGAGGGAAGAGGGGGGAAGACGAACAAGGGAAGAAAGGG AAAGAAAGGGAAAGGGGAAGGAAGGAGACGGGGCCAAGGAAAAGGAGAAG GGGAAAAAAGGGGGGAAAGCACCAAGGGCAGGGAAGGGGAAGGGGAGAA GACCCCAAGGGGAAGGGGCCAAAGAAAAGGAGGAAAAGTTCCGGACGGGG GGAAAGCCGGAAGGGGAAAGAGGGGAAGAGAAAAAAGGCCAGGGAGGGA AGGGGGGAAAAAAAAGGAACCGAAAATGGAAGAAAAGGAAGAAGGAAAAA AA G GAAGAGAAGGAGACTTGAAAAGGGAAGGAAGGAAAACCGGGGGGACG GAACCAAAAGAAAAAGAAAAAAAAAAAAAACGAGAAAAAGGAATTACAAAG AAGGAACCGGAGAGGACCAGGAAGGGCCAAGGGAAGAGAAGGGAGAAACC TTAAAGGAAGAAAGAGGGAGGGGGAAAGAAACAAAAGGAAGAGACCCCAA AAGGAGAAAAAAAAAACCAACACAAGGACAAAGAACAAGGGAGAAGGGAA GC GAGGGAGGGGAGAGGAGAAGGGGGGAAAAAGGAGGAAGAACCAAGGG ACCGGAGAGCCAGCCAGGGAAAGAGCCGGCCGAACGAGAGAGGACGGGGG GGGCACCAAAGCCCAGGCCAAAAGGAAAAAGCCGAAAGGGAAAACGGGGG GAAAAGAAGAGGGAAGGAAAAGGAAGGGGGAGAGGGGGGGGAGAGGGGG GAGGCCGACCGGAGAGGGGGAACCAAGGAGGAGAGGCCGGGGCAGGAGG ACCAGGAGAAAAGGGAGCAGAACACCCGGAACAGAAAGGAGGAGAGGGGG AAGCAAGAGAGGAGGAACCAAAAACAGAGGGGAAAGGGGAAAAGGAAAAG GGGCAGAGAAGAGAGAGCCAAGGAAGGGGGGGAAAGGGGGGAAGGAAGA

AGGAAAAAGAGGGGAAAAAAAAAACCCCAAGGGGGAAGAGGGCCCAAGAC AAAGAGGGAGAGCCGGCAAGGGGGAAGGAGGGAAGGGGGAGAACGGGGG AGGGAGGACAGGAGGAGAGACGGAAAAGAAGAAGGGAGAACGGGGGGGA AAGAAGAAACAAGAAGACAAGAAGAGGAGAGAGAGGCCGGAACGGAGGGG
 AAAAGGAGACCGAAAAGAAGGGAAGGGGAACACGGAAAAGGAAAGACGAG ACCAAGGAGGAACGGACAGGGAAAAGGACGGGAGGACAGAAGGAAGACCG G G GAAGGGAGAAAGGTTGGAAAAGGAAGAAGCCGAGGAAAAAGGGCCCCA G GAAAAGAAAGAGGGCAAGGACCGAAAAAAGGAAGAGAGGAGAGGGAGGA GAAGGAAAGCAGGGGGGAGCAGGAGAAAAGAGGAAAAGGGGAGAAAAAGA AAAAGGCGGGGGGAAAAGGAGAGGGAGACGGAGAAGGGGAAGGCCAGAT GGGAACAAAAAAGAAGGAAAGGGGAAAAGGAAGAAGGAAAAACAAAAAGG GGGGGGAGAAAAAAAGGAGGGGGAAGAGGGAGAGCCAGCCCCGAGAAAA GGGAAAGCAAGGGGGAAAAAAAAAGAGAGAACCAAGAAAAGAGGAGAGGC CAAGAGGGAGAAAAACAGACAGACAAGGAAGAAGGAGGGGGAGGGGGGA GGAGGGAAAACCAAGGCCAAAACCAAGGAAGGAAAAGGGAAAAGAACCAA G GCCAAAAAAGAACGAAGAAAAAAGAGGAAGAGGGGGGAAGAGGGAAAGA AGGGGGAACCAGACAAGGCCGGCCAGAAAGAAGGAGGAAAGAGGGAAGGG GACCAAAGAGAAGAGACCAAAAGAGGAGGAAAAGAGACAAAAAAGAGAGA A GAA G GAGAGACACGGAAGAGGGGGGAACGAGAGACAGGAAAAAAGGGG GAAAGGACAGGAAGGAGGGGAAAAGGGCAGAAGAGGGAAGGAAGAAAAAC AAGGAAAGGGGGGACGGAGGGACAGCAGGAAAAAAAAGGAACCAAAAAAA GAGAGCAGGGGGGAAAACCACGGAAGGGGGGAAAAAACCTTAAGGCCAAG GG G G GACAAGGAAGAAAAGAAGGGAGGGGAAGAAGAGAAGGGAGAGGGG GAAGAAAAAGAGCAGGGGGGGGGGGGGGAGAGGGAATAAGAGGGGGAAC CAAAGGGAACCAAGAAAACAGAGAAGAAAAAAAAAGGAAGAAAGGAAAAC CGAGAAAAGCAGGCAAAGAGGAGAGGAGGAAAGAAGAGAGAAAGGCAGGG GAAGAGAGAGAAGAGATAGAAAAAAAGGAAAGGAGAGGGATGACCAACCG CCCAAAAAAGGGGGGAGAGAAAAAAAGAGAAAGGAGGGCCCAACACCAGA AGGAGGAGGAAAAAGAGGAAGAGAGGGAGGGAAAAGGAACAAAAACCGGG AACGGAAAACCAAAAGGCCCCGCGACCGGAGAAAAAAAAGGGGGGCCAAA AAAGGAAGGAAAAGGGAGGCAGGCCGGAAGGGGGGGGGGGGGGAAGGCC AAAAGGAAAAAAAAGGGGGGAAGGAAAAAAAAGGAAAAGGAACCAAGGAA G GAAAAAACCAAGGGGGGCCGGGGAAGGGGGGAAAAGGAACCGGAAGGG G G GAAAAGGAACCGGGGGGAAAAAAAAAAAACCAAAAAAAAGGGGAAGGG G G G G G G G G GAA G G G G G G G G G GAAGGCCAAGGAAGGAAAAAAAAAAAAGG G G G G AAAAGGGGAAAAAAAAAAAAGGGGAAAAGGGGGGAAGGAAGGAAAA G GAAAAAAGGAAAAGGGGGGAAAAGGAAGGAAGGAAAAAATTAAGGCCAA G G G G G G G G G GAACCAAAAGGAAGGAAGGCCAAAAGGAAAAGGGGGGGGA AAAGGGGCCAAAAAAAAAAGGGGAAGGAAAAGGAAAAAAGGGGGGAAAAA A G GAA $\operatorname{l}$ GAAAAGGAAGGGGGGAAGGGGGGCCAAGGGGGGAAGGGGGGGG AA G G AAAAGGGGGGAAGGAACCGGAAAAAAGGAAGGGGAAAAGGAAGGAA G GAAGGGGAAAAAAGGAAGGAAAAGGAAGGAAGGGGGGAAAAAAAAGGAA GGCCAAAAAAGGGGGGAAGGGGAAAAAACCAAAAGGAAAAGGAAGGAAGG AACCTTAAAAGGAAGGAAAACCGGGGGGAAAAAAGGGGGGGGGGGGGGA AGGAAAAAAGGGGAAGGAAGGAAGGGGCCGGGGCCGGGGAAAAGGGGCC AACCCCGGCCGGGGGGAAAAAAGGCCGGAAAAAAGGGGGGAAAAGGAAGG CCCCAACCAAAAGGAAGGGAGGGGAAGACAAGAACGGAGGAACAAGGGGA AA GACCGACCGGAAACGGAAGAAGGGAACAGGAGAAAAGGAGCCGGGGGG GAAAACGGGCGGGGAGAGAAAAGAGAGGGGGGAGGAGGGAGATTAGGGA GAAGGAAAGAGGGAGAAGGGGGAAAAAGAAAGGAACCCCGACCGAAAAGA GCAAGGGAGAAGGGAAAAAAATAAGGAACGGAAAACCCCAACCAGGGAAA AAAAACAAGGAGAGCAGAGGGAAGAGGGCAGACGGCAAAACGGGGGGAAA AGGAAAAGAGGAGAAAAGGAGGAGGGAGAGGGAAGAGGGGAACAGGGGA AAAAGGAAGGCCGGAAGGAAGGAAGGCCAGAAGAAAAGATAAAAAAAAAC GGAGAGCAGGAGAAGAGAAAAGCCAGGAAAGAGGAAAAGGGGAAAACCCC CAGCAGAAGGGGGGGGAAGGGGGGGGAAGAAAAAAAAAGGAGAGGAGGA AAAGGAAGGAAAGAAGGACGGGGGGAAGGAGGGAACCCCCAAAGGAAAAG GAAAAAAAAAAAGAGGGAGCCGGAGAAAGGAGGAAGAAAGGAGGGGGAGA AA GAAACAAGGCAGGGGACGAAAGGCCGGGAAGAAAAGAACAAGGGGGAC AGAAAGGGGTTAGAAAACCGACAACAATAACGAGAGGAGGAAACAGGAGG

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AACCAAAAAAAGAGAGGAAAAACCACCCAACAAAGGAAGAGGAAGGGGAA AA GGAAAGAAAACCGAACAAAGACGGAAGACCGGGGCCAAAGGAAGACGG AA GAAAAAAGAAGGCCGGAACCAGGGAAAACCGGGGGGCCGGAAAACCAA GACAGAAAGGGGGGGGGAGGAAGAGGAAGGGAAAAGTTCCAAAAGGGGC CCACCAGGAGGAAGGAAGGAGAAAAAGGGGAGAGGCCGGGAAAGGAAAAA AA GCACCGGACGGAGGATTAAGAAAAGACAGAAGGAGCCAAGGGGCCAAT AGGGAAACCAAAAGGCCGGGGAAAAAACCAAAAAAAAGGAAAAAAGGGGA CAGAGGGGGACGGAAAAGAGAGGAGGGGGGGGAAAGAAAGGAAGGGGAG AAAAGAGGGGGAAGCCAAAAACAAAAAACCGCGGCCAAGGAAGAGGAGGG GAAAGGGACCACGAAGAAGGAAGACCGAGGGAGAGAAGGGGGAATTGGAA AAAGGGAGAACCGGGGGAAGAGCCCCGGAAAAAAAAAACCGGGGGGGAGA GGAGCCGGGGGACAAGGAACAAGGAAAGGGGAAGGGAGCGAAAAGAGGA AAAGGGGAAAAGGGGAAAACCAGAGAAAAGAAAAGCAAGAAGAAACCGGG AAAGGCCAACCAGCCAACCGGAAAGGGGGAGGGAACCAACAAAAAGAATA GAGAAGAGGAGAGAAGAAAGAAAGGAAGAAGGAGAAAAACCAGAGGGCAA TAAGGAAGGAACCAACCCCGGAGCCGGAAGGAAGGAGAAAAAGGGCCAGG GAGGAGAAAGGAGAAGAGGGGGGGGAAGGGGAAAAAAAAAAGAGAAAGG AGCGGGAAAAAGGAGGGGGAAAAAGGAAGAAAAAAACAAAGAGACCGAAG AGGAGAACGAAGGAAAGGGGAAGGGGACAAAGGAGGAAAAGAGGGGAACC AGAGGGAGAAGGAGGAAAAAGGGGAAAAGGAACCAGAAGGATAAGGGGAA AAGGGGGGGGAAAGAGAAACCAACAGGAGGAGAACCGGGGGGAGGAAACC GGGGAGAGGAGGAGACGGAAAAAGAGAAGAGAGAGAGAGGGAGGAGAGA GGGAAGGAGCAAACAAGAAAAGGAGAAGGGGAAGGAAAAAGGGGGGAAAA AAAGAAAGGAAACGAGGGAAATTAAAGGAGGAAGGAAAAAAAAAAGGAGA GATAGAATAGGAGGGGGCAACAGGAGGCAGAAGGACCGGGGAAGGCCAAG GAGAGGGGAAAGGCAAGAAAACCGACCGAAAAAGAAAACCCCCAGAAGGG GAAGGGGATGGAAAACAGGAGCCGGAACAGGAGGGAAGGAAGGAGGGAA AAAAAAAAGGGGGGCCGAGGGGCCGGAAGAAAGGAGGACCGGAGAAGGAA GGGGAAAAGGGGGGAAGGGGGGCCGGAAAAGCGAGGCGGGGAAGGACCG GGGGAGGAAAGGGGGCAAACAGGAAGGGGGGGGCCACGGAACCAAGAGG GAAGGACCGGAACCGGCCCCGGGGGGAAGGAGACCCCCAGGGACAGAGAG AAACAAAAAGGAGAGGAAGGAGAGAAAAGGAAGGGGAAGGGGGGTTGGA GCGGAAAGGGACGGACAAGAGCAGAAGGAGGAAAAGGCAAAGGAAAGAAG GGGGGAAGAGGAAAAGGGGGAAGGAGGGAGAAACCGAAAAAGGGGAGAC AGAAGGGGGAAAAGAGGGGGAAGGGAAAAACCGGGGAAAAGGGGGGGGA GGAAAAGCAGGGAGGCCAAGGGGAACAAAGGAGGGAAGGGAAGGGGGCA CAAGAAAAAAGGAAAAGAGGAGAAGGGGGGGGCAGAAAGACCGGGAAAAG CAGGCCGGGGAAAAGGTTAGGGGGGGAAGGCCAGGGAAAAAACCGGAAAA CCCCGGAACCGGGGAAGAGGGGCAAGAAGAGGCCAGAACAGGAGGGAAGG AGACAAAAGAAAGAAAGAGAAACACAGGGAGGGGCAAAGGGGGGGGAAAA AAGGCCGAAACCATAGGGCAGAGAAAAGCCGGAAAAAAGGCCAAAACCGA GGCCGGGGAGGACCGGAAAGAAAGAAAGAAAACCAAAGACAAGGGAGGGG ACAGAGGGGGGGAGGGAACAGACCAAGGAGAGAGGAAGACGAAGAACAGG GGAAGGAAAAGAAAAGGGCAAAAAAAGAAACCGGGGAAGGAAAACCGGGA GGAAAGAAGGAAAAGAAAAGAAAAAGAGGAGGGGGAAAAAGAAAGGGACA GAGGAAAACAGGAAAAGGAAAAAAAAAGGGAGGAGGCCAAAACAAAAAAG AGAAGGCCGGCAAAACAAAGGAGAAGAAAGAGAGAATTGGGGAAAAAAAA CCAAGACAGAAAAAAAAAAAAACCGAAGAGGAAGAAAAAAAACCAAGGAAA AGGAGAGGGGGACCCGGCCGGAAAAAACAAAGACCAACCAAAAAAGGGGC CCCAAGGCAGGAACCGGAGGAAGAGGGCCAAAAAAAAGGGGGAGGAGGGA AAAGGAAAGGGGAGGGGAGAAGGGGCCGGCCAGAGGGGAAGGAAGAAAA GGACCACAGAGAGGGGGGACCAGGAGCCAGAGAGGGAAGGCAGGAAAAAG AAGAGCGGAAAGAGAGACAAAGAGAAGGAAAACCCCAAAAAAGGAAGGGG GGGGGAGGGGGGCCGGGGAGAAAAGGAACCGGGGCCGGGGAAAAAAGGG GACGGGAGGGGGGCAGGGAGGGAGGGGAAGGCAAAGAAAGGCCGGGACC AGGGAAAGGAAAACGAACGAGGCAAAGAAAGGGGAGGGGGGGGGAAGGA AGGAACCACGAAAAGGCGGCCGGGGCCGGAACCGAAACCAAAGGAGGGGA AA GCCGGGGGGAAGGAAAAAAGGGAAGCGGAAAAGGGGGAAAAAGGAAG GAGAATCATACAGAAGAAGGGGGGAACCGGAAAGAACCAAGGAGAACAGG AACGGAAAGGGGACATAACCAAAACCAAAGAGAAAGAAGGGGGGAGAGAA CCAGAGGAGAAGGAGGAAAGGGGGCCAGAAACGAGGAAAAGAAGGGGGAA

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AA G GAA $\operatorname{A}$ GGGAAGGGGAAGGAAGGAAGGAAGGGGGGAAAAAAGGAAGGG GGGAACCGGAAAAGGAAAAGGGGCCAAAACCGGGGGGCCGGAAGGAAGG G GAAAAAAGGCCGGGGAAAAGGGGAACCAAAAAAAAAAAAAAAAAAAAAA AAGGGGCCAACCGGGGCCGGAAGGGGAAGGGGCCCCAAGGAAAAGGAAG GAA G G A A G G G G A A G G G G G G G G G G G G A A A A G GCCAA G G G G G G G G G GCCGG G G G G G G C CAA G GAAAAAAGGAAGGGGGGAAAAGGGGGGCCAAGGAAAAG G G GAAAAGGGGAAAACCGGAAAAGGGGAAGGAAAAGGGGGGGGAAAAAAA AAAAAAAAATTGGAACCAAAAGGGGAAAAAAAAAAGGAAAAGGAAAAAAG GCCGGAAGGAAAAGGGAAACACCGAAGAAAGGGAAAGAACAGGGGGGAGG AAAAGGGGAAAAAAACCGGGACAGAAGGAAGAGGGGAGAGGGGAGGGGG ACAAAGACGAAAAAAAGAAGGGCCGGAGACGGGACAGAGAGGGGAAGATT CACCCCGAAACCAAAAAGAGAAAAGAATCCCCGAGGAAGGAAACTTGGGG AGAAGGAAAAGAAAGGAACCGAGGAAAAGGAAAAAAAAAACAGGGGCAAG GGGAGGAGGAAGCCAGGGAAACGAGGAGAAACACAACAGAAGGAAGAAAG AAGGGGGAAAGGAAAAAAAAAACCCCCCAACCGGAAAAGGGGCCAAGGGG GGCCGGAAGGGGGGGGGGAAAAGGAAGGGACCAAGACCAAAGGACCGGA AAAACAACCGGAGCCGGAAAAGAAGAAGACCGGGGAGAAACAAAAGATAA A G G G G G G G G GAAA G G G GCCGGGAAAAAGAGGAGAACCAGAAGGCCGAGG G G G GTTGGGGAAGGGGACAGAGGGAGAAGGAAGGGGAAGGGGCCAAAAA GAAGGGGGGGGGAGAAAAAGAGACACACAAAGGAGGAAGGGGGAAGGGG GAAAGAAAGAGGGGCACAAAAGACGAAGCCAAAAGAACCAGGAAGAGAAG AGGGAAGGAACAGGGGAAAAAAGGGGCCGAAAGGGAAAGGAAAAAAGGGG AGAAGAAGAGGAAAGAGGGGCAGAGAAGCAGAAGACCAGAGGGGAGACGA CAAAAACAAGAACCACCAAACAGAAGGGGGTAAGGACCGGGGGAAAACGG GAGGAAGGAGGGCAGAGGGAAAGGGGGAAAAAGGGGAGGAGAAGAGGGT TGAGACCGGAAAGGGGGAAGGGGGGAAAAAAAGGGAAACGACCGGAAGGA GGGACAAAAGGAAGATTGAGGGAGGAGAACAAAAAAAAAGGGGAACAAGC CAAGGGGGGCAAGAAGGGGCCAAAGCCGGGAAGGGGAAAGGGGAAGGGG AAAAAAGGGGAAGACAATCAGAGGGGGAGGGGGAGGAAAGGGAAGGAAAC GGGGAAACACAAAAAAAAAAAAGAACAGAGAAAAGGAGAAAAGGAAGGAA AAAGAAAAAGAGACAGAACAAGAGCGAAAAAAGAGGGGAAAAAGGGGGAA AA G GAAAGAGGGAAAGGGAAAAGGCCAAAAAAGGGGAAAAATGGGGGAGG A GAAGGAAAAGAGGGAAAGGGGAAGGGGAAACGGAAAAAAGGCCGGAGG GAAAACCCCTTGGAAAGAGAAAAATGAGGGGAAGGGGAAGGACGGGGGGG GCCGGAGAAGGCAAACCGGAAGAGAAAACGGGGGGCCGGGGAAGAAACCA AGGGGCAGGCCGACCGGCCGGAGGAAGGAGAGGGGACGAAAGGAGAAAA G G AAAAAA $A$ A G G G GCAAAAGGAAAGGGGGGGGAAGGAACCGGAAGAGGA G G G CCA GAAAGGAAGAAGGAAGGAAAAGGCAAGGAGGGGAAGAAGCCACG GAAGGAAAACCAACAACAGGGGGGGGGAAAAGGAGCCGAGGAAGAAACGG AGAGACCAAGAAAGAAAAACCCCAGGGCCGGCAAAGAGAAGGGAACCCAG G G G G G A G G G G GAA $\operatorname{la}$ AG GAAGAGGAAAGGGAAACAGAGGGAAAGGGCGAA GAAGGGAAAAAAGGAAGGAAAAAAAAAAGGGGAGAGAGAAAGAAGAAAAG GGGAAAGAGAACCAAGCCAAGGAGAGCAGGGAGGAAGGGAGAAAGGAACC GGAAAGAGGACCAGGGCCAAGGAAGACAGGAAAGGAACGAGAAGGGAAAG ACGAAAAAAACCAGAAGGGGAGGGGGGGAAAAAAGGAAGGAGAACCAAAA AGAAAAAAGGAGGGAAGAAAGAGGAAAAGGGGGGGGAAAGGGGAAAAACC AACCGGAAGGTTGGACAAAAAACAGGGGAAAAAACCGGAGAAAAAACGAA AAAACCGGCCAAAAGGAAAGAGAAAAAAAGAGGGAACCACAGCCAGGGAA A G GAA G G G G GCCAAGGAGAACCAACAAGGGGAAACCAAAAGGGACCCCGG AGAGAAAAGGAAACGGGAGAAGAAAGCCGGAAAGAAACAGAAGGGGGAGA A G G G G G G G G G G G G GCAGACATAAGGAGGGAGAAGAGAAAGCAAGGAAAC CCCGGACGGCCGGGGGGGGGAGGGGAACAGAGGAAACGGGGAAGGAACC G GAAGGAACCCCAAGGGAGGAACCAAAAGGAAGGAAGGAAAAAGGGGGGG AGAGGAGGGGAAAACCGGAAGGAAGGAGAGAGGAAAAACACAGGAGAAGG AA $\operatorname{A}$ GGGGAAAAGAGAAGGGGAAGGGGGGGGAGAGGAAAGAAGAAGGAAG AA G G AAAGGAAAAAAAAGGCCAGAAGGGGAGAAGGAAAGAAGGGGAGAGG G G G G G G G A G A A A GAGAGGGGGAAGGGAGAAAGAGGGGGAAGGGGGGGGG AACAAAAACCAGGAAGGAAGCCAGGAAACCGGGGCCGGGGAAGGGGGGGG GGGGAAAAAACCGGAAGGGGGGGGCCGGAAAAAAAAGGGGAGAAGAACAG AAGGGGAAGGGGAAAAGGGGAAAAGACCACACAGCCAAAAGAGGAACAAG GAAGTTGGGGAGGGGGAAGGGAAAAAGACAGGAAAGTTAAGGAAGGAGG

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G G AA G GAAAGGAAATTCCAGAAAAGGCCAGACAAAAAAAAGGAGGGAAGG GGGGAGGGGCGGGGAGTAGGAAAAGGAACCAAGAGGGGAAAAAAAGAAG GAAAAGGGGAAAGAAAGAGGACCAAGGAACCGACCAAGGAACCAGGGGGG GAGCCGAGAAGGGGGAGAGGGAGCCGAGGGGAAGGGAGGACGACCAGGG AA $\operatorname{l}$ GAAAAGGGGGGGAGGCCAGGGGGCCGGGGAACCGGAAGGTTAAAAC
 AGAAAAAAGGAAGGGGGCAGTTAAGGGGAAAAAAGGGGAAGAGGGGAAG GAAGAAGGAAAGAAAAAGGAACCGAAAGGAGCAAGAGCCGGCCCAAAGAA AA GACCCGAAAAAAAAAGGAGAGGGGACCAAGGCCGGGGGAAGAAGGAAG
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 AA $\operatorname{l}$ G G GCGGGGGAAAAAGGGGAAGGCCGGAGAAGCGAAAAAGAAAAACAG GAAGGGGAAAATTAAGGAGGGCCAAAGGGAGGGAGAAGAAGAGGGAACCA AAAAGAAAAGGAGCCAAGGAAAAGACCAACCGAAAAAAAGGAATTAACATT GGCCAACCAGAGGGGAGAGGAAAGAAGAAGCACAAAGAGGAAAGGGAAGG AAAGGGGGGGGGGGCCGGAAAAAGCCAAGGAAAGCAGGAAGAAAGGGGA A G G G GAAAAGGGGGGAGAAAAGGGGAAGGACGGAAGATTGGGGAAGAGG AGGGGGAAGGGGAACCAGGGGGAAGGGGCCAAAGGGGGAAAAAAAAGAG GCCCGGGGACCGGGGGGGGGGGGGGCCGGGAGGGGAACCCCCCGAAGGA AGGGACAAAAAGGGGGACGAAAGAACCAAAAAAAAAAAGGAGAGGGTAAG AGGAAGAGACGAAGGAGAGAGGAAAGAGAAAAAAAAAAAAAAAAAAAAAA AAAGAAAGAGGAAGGGAATTCAGAAGGGGGGAAAAAGGACAAAAAAGGAA AAAACCACGACCAGAAAAAGGAGGGAAAAGAGAACAAGACGGCCGGAAAA AAAAAGAGGGGGAAAAACGAAACCCCGGAAAAAAAAAACCAAAACCGGGG G GAA $\ln$ GAAGGAAAAGGGGGGGGGGAAAAGGAAGGGGAAAAAAAAAAAAG GAAAACCAAGGGGGGAAGGAAGGAACCGGAAGGGGCCAAGGAAAAGAGGA AACAAGAAGAAGAAGAAAGGAGGCAGAGAGGAGAGGAAGCCGAGGAAGGG GAAGAAGAAAAAGGAGAAAAAGGGAAGAAGGAAAGGGAAGAAAAATAAAA AAAAAAAGGAGGCGGAGGGAACCGAAAGAGAGAGGAATTAAAAGGAGAGA ACAAAAGCCAAGGGAAGGGAGAAGGAGGGGGGGAAGGAAAAACGGGGCCA AAAGGAAGAGAAGAAGGAAAAAAGGAAGGGAAAAAAACCCAAGAAGAACA GGGAAGGCCAAGGGGAAAAGGAAGGGGGGAAGGAAAAAAAAACGAGGAAA GAGAAGGGGCCCCAGAAGGACAGTAAAAAAAGGAAGGAGAACCGGGAGGA ACCAAGGCAAAAGGGAGGAGGGGGAAGGCACAGGGGAGCAAACCAACACG

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 AA G GAAAAGGAGGGACAAGGAAGGGAGAGGCCAAGGCCAAGAAAGGGGAG GAACAGGGGGCGCAGAAAGGGGGGAAGAGGGGAAGAGGAAGGGGAAAAA GAGAGAAGAAGAAGGGGGGGGGGAACCGGGGGGAGGAAAAAGGAAGGGG G G AC G GCAAGGAGGGGGGGGAGGGAGAACAGGGAAAGGAAAGCCAGGGG GGGAAGGAACAAGGGAACCGGAAAAAAAGGGAACAAAGGTTAAGGGAGGA G G G G G G G GAAGCCAAAAAAAGAAAACCGGGAAAAAAACCAATTGGAACCG AA $\operatorname{GAGAAAGAGGGGGAAAGAACGAGAAGGAAAAAAAAGGAAGGAGGGGGG}$ AAAAAAAGGGGAGAGCCGAAAAGAGGGGGGAGGGGAAGGAAGGGGCCAA AAGGAAGGAGAGACGGAAAACCAAAAAGAGAAGGAAGGGAGGGGGGGGCC GAAACCGAAAAAACAAGAAACACCGGGAAGAAAAGGCCAATTGGGGGGAA AGCCGGAAAGGGCCAAGGAGAAAGAGACGACGCAAGAGGAAAAAAGGGGG GACGAGAAAGGACCGGAAAGGGAAAGCACCGACCGGAAGAAAAAGGGAAA GAGAGGGGAAAAGGAAAGCCGGGACCAAGGAAGGGGACGAAAGGGAAAAA G GAA $A$ A GAGGAAAAAGGGGGGGGGGGGGGAAAGGAAGGAAAAAGAGTAG G G GAAA G GAAGGGGAAAGAGGGGCGCAAGGGGGAGGGAAGGAAAAAGGA

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G GAGAGGAAGGGGGGGGAAGGAGACGGAGAAGACAGAAGAAGAAAGGCC AAAAAAGGGGAAAAGGAAGAAAAACCAAGGAAAAGGAAGCGGGGCCGGGG AGGAGAGGAAAAGGGAAAGGAGGGGGGAGAATGAAGAAGAGATTAGGGA
 A G G G GAACCGGAAGGGAGGAAGGAAGGAAAAGGACGGAAGGAAGAGAAG ACAGAAGGAAGGAAAAAAAAAGGAGGAAGGGGAAAAAAAAAGATCGAAAA ACGAAGAGAGGGCCAGAAGAGAAAGAATAGAGAGAGGGGGCCGGGGGCG GGAGGAGAAAAGGGGGGAGAGCCAAGAAGAACCGGGGGGAAACGGGGAG A GAGAGGGAGAAAAGGGGGGCAATGGGACCAAAAACAAAAAAGGAAAAGA GGACCCGGAGAGAAAAACAAAGGAAGGGAAGGCCAGCAAGGGAACCGGCC AAGGCCGGCCCCAGAGGGGAAGGGAAAAACGAAGGAAGGGGGGAAGACG GGAGACAAAAGAGAAAACCAAGCTACCGAAAGAGAGGCCAAGGGAGGGGA AGGGGCCAACCAGAGTAGGCCAAAAGGAGGAAACCAGGGGGGGAGGGCCA GCCACAAGACCGGAAGGAAAAGAAAAAGAAGGGCGAGGACCAACCAAAAT TAAGGGGAAGGAAAAAACCAAAAGGGGGGAACCGGGGCCAAAAGGAAGGG GGGAAAAAACCGGCCGGGGGGAAGGAAGGAAAACCGGGGGGAAGGGGGG AAAAAAAAAAAAGGGGAAGGAAAAAACCAAGGGGGGAAAAAAGGAAAAGG AACCGGGGAAAAAAGGGGAAAAGGAAGAAAAAAAAACCAAAAGAAATTCC AGGAAAGACAAAAAGGGGGGGAAATAGGAGGAAAGGGGAAAAAGGGAAAA AAAACCAGGGAAACACAAAGGGAAGAAGGGAATTAAAGAAAAAAGGGGAC CAAGGGGGGGCAACGAGAGAGAGACCAAAACAAGGGAAAAAGGACACGAA G G A G GAAAAAGGCCAAGGAAACAAAAACCCAAAGGAAAGGGGAAAAGAGG G G AA G GAAAAAAAAGGCACCAAAAAAACAAGGGGAAAGAACCGGGGAGAA GGGGAAAAAGGAGAAGGAGAACGACCAAAGGGGGGGAACCGGGGGGGGC C G G G GAA G GAAGGAAGGAAAACCGGAATTCCGGAAGGGGAAAAGGGGCCG G G GAAAAGGAACCAGGAAGGGAAAAAGAGAGGGAAAAGAAAGGAGACCCA AAGGGAAAAGGGGGGAACCAAAAAATTGGAAAAAAACAGACCAAAGGGAA AAAGAAAGAGGAAAAGACACCAGGGAGAGAGAGGGAACAGGAAGGGGGGC AGGAGAGAAAGAGAGAAGGAGAAGACCAAAGGGGAGGAAAACCAGCAGGA A G GCCGGGGGAGAAGGAGGGGGGGGAAGAAAGGAGAAGGGGGGAAAAGG AAAAACAAGGGGGAAAAGGAGGGGAAGGGAAGGAAAGGGGGAAGAAGGA CACAAGAAAGGAAGGAAACGGAGACAGAAGGGAGAGAGAAAACAACCAAG GCCAAGGAAAAAGAAGGGGAGCCGGACAACCAGAAAAAAAAGGAAGAAAA ACCGGGGTTGGGGAAGGGCAAGGGGGGCAAAGAAACAGGGGGGAAGGCC AAGAAGAAAACACCGGCCAGAGAAAGAAAGGAAAAGGGGGAAAAAGCCGG GGGGCCAAGGAAGGCCAAGGAACCAAGGGGAGGGAAAAAAAAGAAGAGCC GAAAGGGAACAAAGGAAAGGGGAGAGAAGAGCAGGGAAGGAACCAAGGAA CCGGAAGGCCGGGAAGAAGGAGCCAGCCGGGGGGAAAAAAGGGGGGAGG G G G AA G G AA G GAAAGAGAGACCCGGAACCGGAACCAAAAAAAAAAGGCCA AAAGAACGGAAGAACAAAAACGGGGGGGACCAGGGGGGGGAAAGGAAAAA GAGGAAAAAAAAAGGAGACGGAAGGGGAGAAAAGGAAAACCAAGGCCGGA AGGAAAAGGGGAAAACCAAGGGGAAGAGGAAAAGAGGAAAAAAAAGGAAG G G G G G G G G G G GAA G G G G GAAAAGAGGGGAGAAGGGAAGAGGAAGGGGAA GAGGGAGACAGGAAGGAAGGCCCCAAAGGAGGCCGAAAAAAACGCCGAGA AAAAAAGAGGACGGGGAAGGAAGAGAAGAAGAGGCCACGGAGAGCAGGAA GGGGGGAAGGCCACGAAGGGAGAGAAGGGGGGGGGGAAAGCCGGAAAAA AGAGAGGGGGGGGAAGAACGAACGAAAAGAGAATAAAAGGGAATAAAAAA GAAGGGACCAAGGGGCAGGAAAAGAAACACAGGAGAGACCCCCGGAAGAA G G AA $\ln$ A $\operatorname{HAAAAGGGGGGGGGGAAGGAAGGAAAAGGGGGGCCAAAAGAAG~}$ GGAAAGAACCAACCGGGAAAGGCCGGAAAAAAGGAGGGCCGACAGGAAAA AAGGAAAAAAGGAAAGCCGGAAAAAGGGACGACCAGAACCAAAAGGGGGG G G G G G G G GAACCCCAAAAAAGGCCGGGGGGAAGGAAAAAAGGGAGGAAG A G G G GAACCGAAGAGAGGAAGAAAGCCAACCCCGGGGAGGGGGGGAAGG G GAAGGGGAACCAAAGAGAGAACCAAGGGAGAAACAAAGAGAGAAAGGAA G GAAGAGAGAAAAACCGGCACAGGGGCAAGGGAGAAAAGGCCAACCGGAA AAGAAAAACAAAAACAAAGAGAAGAACCAAAGGAAGCGAAGGAAGGGGCC G G A G G G G GAGGGAGGGGGGGGGCAGGAAAAAACCCCGGCCAGGGGGCAG AAGCCAGATAAAAAAGGCAAAAGGGGGGGCCAAGGAGAAAGAGAAGGAAA GGGAGGGAAAAAGCCGAAAACAGCCAAGGACGGGGAAAGAAAAGGAAACG GAGGAGGGGGGAGCAGGAACCCCGGGGCCAAGGGGGGGGCCGGAAAAGG GGAAAAAACCGGAAAGACGAAGGGGGAGACGGGGAAAAAAAAAAAAGAGA

AAAGCAACAGGGAGAGACCCGGAAGAAAAGGAAAGAGGGGGAGGGGAAGG G G G AAAA GAAGGGGAGAGACCAAAAAGAAGGGCCAACCAGCACGAAAAGG GGGGGGAAGGGGGGAGAGGAAAAGCAGGAGAGAACAAAAAAGAGGGAAC CGAATGAGACCACGAGGGGAAGGACGGAAGGGAAACGAACCAGGAAGCCG GGGCAAACAAACCCAAAAAAAGGGGCCAAGAGGCCCCAACCGGGAGAAAG GAACCAGGAGGAGAAAAGAAAAAGGAACCGGAGAAGAAAAAAAAAGGGGG ACAAAGACCCCAGGAGAGGACGGAAAACCAAGGAAAAAACCAAAAAAAAG GAAGGAAGGCCGGGGAATTAAAAGGGGGGCCAGAGGAACGGAAACAAGGG GAA $\operatorname{GAAA} \operatorname{A} \operatorname{GGGGGGGGGGGAAAAAAGGCCGGAAAACCAAGGGGCAAAGAA}$ GGGAAAAAGGGAAAAAGGAGGGGGAAAAGAGAGAAGACAAGAAAGGGAGA CGGGGAAAAAAGGGGGGAGAAAGGGGGGGGCGAGGGGAAGGGGAAGGAA AAAACCGGAAGGAGGAGAGGTTAGAGGGAGAAGAAAAGAAGGAAGGGGG GAAGAAGAGGGCCCCCAGGAAGAGAAAAATACCGAAACCGGGAGGAGGGA AGGAAGGGGGGAACCGGGACCCCCCAGGAGAGAACAGAAGGAAGGAAGGG GAGAGAAAGCGCAGGACAACCAAAAGGAAAGGAGAGAGGAAAAAACCGGA CGGGGGGAAGAGGAGCCAGGAAACCCCAGGAGGAGGGAAGGCCGAAAGG AA $\operatorname{l}$ GGGGGAAGGGAGAGAAAGAGGGACCGGAAAAAAAAGGAGAGTAAAGG A G G GCCGGAAGGAGCCAGAAAGGGAGGGAAAGGGAGAACCGGGGAGAGA GAGAGGAGAAAGATTAACCAGAAGGAAGGGAGGCCGGAAGGAGGGGGGA GAGGGAAAGGCCAACCGAGGAGAAGGGGAAAGAGGGACAACAGACGGGG GACAGAAAGAGAAGGAGAAAGAAAGCCGGGGGGGGCCGAGGAAAAAAGAG GCCAGGAGGCCGGAGAGAAAAAAGGGAAAGGAAGGGGAGGAACGGAAGG AAAACCGGGGCAGGAGAAACGAAGGAAAAGGGAAAAAAAAGGGGGGAGAG GAGAAGGGGGAAAAGGAAGGGAGGAGAAGAGAGAGAGGGGGGGAGGAAA AAAGGAGAGGGAGAACCCAAAAAAGAAACCCGAAGCCGGAGAAGGAAAGA AAAAAGGTTAGAAGGAAAGGGCCAAGGAGCCAGAAGAGGCAAAGGAGGGA AGGAAAAAACCCCGGGGGGAGAAAACCCCAAGGGGGGGAAGAGAGGAAGA GAAGAAGCCAAAAGAAAACCCAAGGAACCGGCCGGAAAGGGAGGAAAGGG ACAGAAGGGGGGGCCGAGGGAAGAAGGGGGGGGGGAAAAAAAGACAGGG AGACGGAAACAGAAGGGGAGGGCCAGGGGGAAAGCCAGAGGGAAGGAAAA GAAGAGGGCACAAAGGGGGATTGGGAAAGGAAGGGGCCAAAAAAAAAAGG GGGGGGAAAAGAGGAGAGGGGGAAAAAAGGAAAAAAGGGGACAGCCAAG GAGGAAGCCGAGAAAGGTAGGAAGACCAAAAGCAACCAACCAAAGGGGAT AAACCGGAGAGAAAAAAGAGAGGAGCAGGAAAGAAGACCGGGGAACCAAG GAACAAGAAAAGACCGAAGCCGAGGAAGGCCGACCCAGGGAGGGAGAGAA AAAGGGAAAGAAGGAGAGAAAGAAGGGAAAGGAAAGGAGCCCCGGGAAAG AGAGAGAAAAAAGGAACGGGAAAGGCCGGAACCGAGGAGGAGGAAGGGG GAGGAAGGAAGGAAGAGGGGGAAAGGAAAGAAAAAAAGGAAGACAAGAAA AAGGGAAAGGAAAAAAAGGGAGAAGGCAAAAAGGAAGAGGAACGAGAAAA GG GAAAAAAAGGGGAAAAGGAAGGGGGGGGGGAAGGAAAGGGACGAGAA GAAAACCAACAGGCATAGGAAGGGGGGAGAGCAAAAAAGGGCAGAAAGGA ACAAAAGAAGGAGGGAAAAGGGGAAAAGGGAAAAAAAACGAGACCAGACC AAAAAAAAAGGGGAGAGACGAAGCAGGGGAGGGAAGGGGAAGGGGGGGG AA G GAACCCCGGGGAAGGGGAAAAGGGGGGCCAAAAGGGAAAAGAAAGCA CCGGGGAGGGGGAAGGCCGGAAAAAAAAAAAAAAGGGGACCGGGGCAGGAA GGAAGGGGAAGGGGGGAAAGGAAACCAACACAAGGGGGGGAAAAGGGGA AAAGGGGAAAAAAGGTAGGGGAGGAAGGAAGGAAGGAGAACGACCGGGG GAAGAAAAGGGGAAGGGAGGGGAAAAAAGGAGCAGAGCAAGGGGAAAAG G G GAA $\operatorname{A} A \mathrm{G}$ GGGGACCAAGGGGGGAAGGGAAGGGGAAGGGAGAAAAAGCC AA $\operatorname{GAG}$ GAGAGACAGGGAGAGGAGGAAAAGAACACACAGGGGGAGAGAGGA
 A G G G G G GAAAAGGAGAAGGGAGGGGGGAGAGCAGAACCCGAAGAGGGGA AAAACCAGGGGGGGCCACCAAAAAAGGACAGGACAAGAGGGGAAAAGGGG A GCCGGGGGGAGAACCGGCAAACCGGGGCCGAAAAAGGGGTTGGGGGAG GCCGGGGCCACGGAAAAAGCCAAAAGAGACCAGGGGGGGCCAAGAAGGAA GGAGGAAGAAAAACCGAAAGAGGAAGGGGAAAAGGCCAAAAGGGAGGGGA GAAAAAAGGGAACGAAGAGGGAGGAAGACGAGGAAGGGGAAGGGGGACC AA G G G G G GAA $\operatorname{la} A \operatorname{GGGGAACCACAGGGGAGCAGGGGGAGAAAAACGAACG}$ GGGAAAAGAAACACCAGACACGGAGAAGGGGGGCCGGCCAAAAGGGGACA ACCAAAAAGGAGACCGGGGACAAGAGAACAGGAAAACAAAACCAGAGGAA A G G G GAA G G G GAA G GAAGGAAAAAGGGGAGGGAAGGAAGGGGAGGAGAA

AA G G G G G GAAAAAAGGGAGGCAAAGGGGAGAAAAAGACAAGGCCAAGGAA CCAACCAGGGAGGAAAAAAAAGGGGAAAGGAGAGGGAAGAGGAGAAGGAA AAGGAGCAAGAAAAAAAGGGACAGGGAAAGGGATAGACAGGACCGAAGGG GGAGAGGAGAGGGGGGAAAGAGGAGGGACAGGAAGAAGAGACGAAGAAG GGGAAAGCACCAAAAAGCCAAGGGGACAGACAAGGCCGAGGACGGCCAAA AACGAGGCACAGGAGGAAGGGAAGAGGGGCCTTGGAAGGAAAACAAGAAA GGGACAAGGAAAGCCAAAAGGGACCGGGGAAAAAAAAGGGAAAGAAAGGA AA G G GA G CAGGAGGAAAGGGGGAGGAGACGGGGAACCGAAGAAAGAAAAA GGAAAAGAACCCCCCGGAAACACAGAGAGAAGGGGAGGGGGAAAAGACCA GAGGGAAAAGGCCGGAACCGGGGAGAAGGCGGGGAGAAGGGGGAGGGGG AA G G G GCCGGAAGGGGAAAAAAGAGAGAAAAGAGAAGGGGAAAAACGAAG GAGGGGGAGGGGAGGGCCAAGGCCCAGGAAAGGGAACAAGAGAAGAGGA GGAGGAAAACCGGAAAAAAAGAAGAGAAAGGCCGGAAAGAGGGAAGGGAG GAGAAGAAGAGGGGAAGAGGAGCGAAGAAAGGGAAGAAGGGGGGGAGGG GGGGCAGGAAGGAAGAAAAAAGGGGAAGAAAAGGGGGAGAAAAAAGGAG GAGAAGGCCAAAAAAGGAAGGGGAAAAAAAAGGGGGGGGAAAAAAGGAAA A G G G GAA G GCCGGGGAAGGAAAAGGGGAACCAGAGAACCGGGGAGAGGG AA $\operatorname{G}$ GAGGGGGGAAAAAAACAAAGGAGAAGGCCGGAAAAGAGGGAAAGGGA GAGGGGGGCCAAAAGGGGAAAAAAAAGGAAAGGGGAAAAAAAGAGGGGGA GAAACAGGGGGGGGAACCCCAGCCGGCAAGGAAAGGCCAGACGGGGGGG GCGAGCCGGAGGGGGGGAAGGAAGAGGGGGGAAGGGAAAAAAAGGGGGG GGAGAGAAAGAAGGGGGGAAAGGAAAAGAAAAGGGGGGAAGAAACCGGG AA $\operatorname{GAGAAGGAAGGAGACGAGGGGGGAGAGAAAGCCAGGGCAGAGGAAGG}$ ACGGGAAGGAAGGAGGAGAGGAAAGAAAAGAGGGAAAGAGAAAAAACCAA AAAAAAGAAGGGGGAAGGGGAGGGAAAAACCCCCAAAAAAGAGAAGACAA CCGAAAAAAGAAGGAGAGCCAAGGAGACGGGGGGGGAGAAAAGGGGAAAA ACGCAAGAATGGAAAGCAAAAAGAGGAAGGGGGGGGAAAAGGAAAGAAGG AGACGCGGAACCGGGACCCAAGAAGGAAGGAAGGAAGGACAGGAGGAAAA CCAGAAAAGAAAGAAAAAGGCCAAAAAGAAGGCCGGAAAAAGCCAAGGGG A G GAAA $\operatorname{A} A \mathrm{~A}$ GAGAAGAGGGGACAGGAGGGGGGGGGGGGAAGGCCGGAAG GCCAAAAAAGGGGGGGGAAAAAAAAAAAGAGACGGGGGGGGACCCCCCCA AAGCCAACCAAAAAAGGCACAAAAAAAGGGGAGCAAAGGGGCCGGCCGGA CAAAAGGAAGGACAGGGGGAAAACCAGAAGGACAAGGAAAGGGCCGGCCA AAAAAGGCAGGAGAAAAAAGAAGAGAAAAAAAACCGGGGCCAGGAAAAAA A G G G GAGAGAGGGAGAAAAGGAAGGAAGAAAGGAAGGCCGAGGAGGGAA AAAGGAAGGAAGAGAAGACAAGGGGGGAAGAAGGGGAAGAACGACAACAA AAACGGGGAAAAGGAAAAGGGGGGAGGGAAAAAAGGCAAAAGGGGGGGT TACAGCAAGGAAAAACCACGAGGGGAGAGAGAACACCAGAAGAACGACCA AGGGGAAAAAGATACAAAGGAAGCAAAAACCAAAAAAGGAGGGCCGGAAA AAACAGGGGAGGGGGGGGGAAGACCAGCCGGAAGGGGCCAAGGAAGGCC AA $\operatorname{l}$ GAAAAGGAAGGGGGAGCGGCCAAGGGGAAGGAAGGGGGGAACCGGA A G A A A G A G G G G A A A G G G A G A A G G GAAAGGGGGGAAGGCCGGAAGGGGGA GGGAGGGAGGAGAGATGGCCAGAGAGAAGAAAGGAGAGCCAAGGCAGGA AGAGAAGGGGACAGGCCGGGAAAAAGGAGGGGGACAGGAGAGGAAGGGG GAAGAAGGGGAAAATTGGGGGACCGAAAGGGAAAAAAAGGAACCAAGAAA G GAAGGAGCAAACCGGGGACAGAGGGAACCGAAAGGGGAAGACCAAGGCA CAAAGGCCAAAATTGAGGGGAATTGACCGGCCAAAAGGGGAGAGGGAGAA AAAAAAAGAGGGAGAAGAGAGAAGAGAAAACAAGGAGGAGGGGAGAGGCC GGCGACGGAGGGCAAAGGCAGCAGGAAGAGGAAGAACCGGAAGGAGGAG AA G G GAGAAAGACGGAAAGAGAGGAAGGAAAGAAAGGGGAACCGGAAAAA G GCGGGAACAGGGAAGAAGGGGGGAAAGGGGAAGGGAGGAAAGGGAAGG GGAAGGAACCAAGGAAAAAAAAAAAAAAAAAAGGGGAAGGACAGAAGGAA G G GAA G G GAGAGGGGGAGGACAAAAAGGAGAGAGGGCCAGCCGGAACAG G G A G G ACCCCCCCGGGGGGAGGGGGCCAAGACAGGGGGGAGAGGGAGGA G G G G A G G GAAACCCAAAAAGGGAGGGGGAAAAAACCGGAAAACCGGAAAA GGGGCCGGGGAAGGAAAAGGAAGGAAAAAA的GGGCCGGAAGGGGGGGGA AGGAAAACCAAAAGGCCGGGGAAGGAAAACCGGAAAAGGAAAAGGGGGGG GAAGGAAGGGGGGGGGGAAAAGGAAAAGGAAAAAAGGGGAAAAGGGGAA AAGGGGAAAAGGGGCCAACCGGGGCCCCAAAAAAAAGGAAAAAAAAGGAA AAAAAAGGAAAAGGGGAAAAAAGGAAAAGGAAAACCAAAAGGCCAAAAGG GGAAGGAAAAAAGGGGAAGAAAACAAGACCAACCGGCACCAAGGAAGGGG

G G G GAGAGCCAGAGGAGGAGGGCCGGAAACGGGGAGAGAAAGGAAGGAA GGGGAAAAGCCAAAGGGGGAAAAGAAAGGAGAGGGAGACAGGGACAAAAG GGGAAGGAGCAAGAGGGGGCCGGAAAAGGGGAAGGAGGAACAGAGGAAG CCGGAAAGAAGGAAGAAGAAAAAAAAGAGACAAAGAAGCCGGAGAAAAAA AAAGAGGGGGGGAAAAAGAAAGCAGGACGGAGAAGGGGAAGGGGGAAAG A GAGGGACCGGCCGGCCAAAAGGACAGCCAAGGAAAAGGGGGGAAGGAAG G G G G G A A A A G G G GAA G G G G G GAAAAGGGGAAGGCCAAAGAAGGAGAGAG GAGGAGGGGGAAAGGGGAGAAGAAGGGGGGCAAAAGGGCACCGGGGGGG
 AAAGGGGGGGAAGGGGACAACAGAACAGACAGGGGGCAAGAGGAAACCAA GACAAAGGGAGGGGACAAACAGGAGGAACAACGAGGGGAAGGCCAACAAG GAGAGAAAGGGAAAGGAGAAGGAAAGCCGGAAAGAAAGAAAAAGGGGGAA CAGAGGGAGGAAAAGGAGGGAAAGGGAAGGAAGGGGGGGGAAGGGGGGA AAGCAAGGAGGAGCCACCCGGGGCAGGAGGGGGCCAAAAGGGAAAGGAAA ACCAGAAAAACGAGGAGAAAGAACCGGGGAGGAAACCGGGGGGGGAAGGA CAGAGAGAGAGGGGGAGGAGAAGAGAGGGGACCGAGGAGAGACAAAAAG A G A G AC G GAGGAAAGGTTGGGGAAAAGGGAGGGGCACCCGAAAAGGGGG G GAGGAAGAAGCAAAGGAGGACCAACCAAAAGGGGAGAGACGGGACCCCG GAAGGAAAGAAAGGGAAGGGGGAAGATAAGGAGGGAAGGGAAAGGGGGG TTAGGGGACCGGGGAAGGAGGGAGAAGGAGGAGAAGGAGGGGGGACAGA AAACAGGAAGGGGGGAAAAGGGGCCCCAAGGAAGGAGGGCCGGAGGGAG A GACAGCCGGGGGGAGGAGGGAAAGGAAAACCGGAACAGAGGCCGGACG GCCGGGGGGAAGGAAAAGGGGGAAGAGAGAACCGGAGAGAAGGGAGAGG G G A G GAAA G GAAACGGAGAAAACAAGGAGGGGGGGGGGGAAAAGGGGGG GGGAATAAGAGGGAAAGCAAGCCGAGAAGGGGGAAAAACGGGGAAGGAGA AGGGGCAAGGAAAGAGAAAGGGGAAAACCAAGGGGAGCAGAACGGAGAGG GCCAAAGGGAAGGGAAAGGAAACGAGGGGAAGGAAGGACCAAGAGAGAGA GGGAAGGGGAAAAGGGGAGGGGGGAGAAAAAAAAAAGAGAGAGAGAAGG GGAGAACCAGAGAAAACCAAAAGGAAGGAGGAAGAAGGAGAGAAGAAGGG GGAGAAAAAGAGAGCAAGAGGGGGAGGAAAGGGGAAAAAAACACAGAAAA AGGGAGAAGGCCGGGGGCGGCAAAGGAAAGGGACAGAAGGGGGGGGAGA GACAGACGGAGCAGGAAGAAGGGAACAGGGGGCGAATACAGGAGGGGAAA AAAAAAGAAGGGATTAAAAGGGGGGGGGACCTTCCAGGAAGGGAAAAAAA A GA GAACGAGAGACAAGGGAAGGGGAACAAAGGCCAGGGAACCGGGAAGA GGGACGAAGAGAGGGAGGAAGGAGGCACAAGGGGAGGAAGGAAGGAAGA AACCCCAACCCCGGAGAGGGGGAAAAAACCGGGAGAGGAACAGGAAGGAG AA G G GAAA G G G G G GAAGGGGGGAAGGCCAGGAGGGGAAGGAACAAGGAA CCAAGAAAGAAGGGGGGCACCAAAGGGACCACCGAACAAAAAGAAAACAC AAAAGGGAGAAAAAAAGAAGGAGACAGAAGGAAAATTAAAAGGGGGGAGC CCCGGAAGGAAAGAAGGAGGAAAGGAAGGGGGGAAAAAAAGGAAAGGGGA ACCAAGGGGGGGGAAGGAAAAGGAAAAAAAAAAGGGGGGAAGGAAGGGG AA GGCCAAAAGGAACCCCGGGGCCAAGGAAGGAAAAAACCGGAAGGGGGG GGGAGGAAGGGGCCAAAAAAGGACGACCCCAAGGGGGGGGGGAAAAAAAA GGCCCAGAAGGAGGAAAAAAAAGGGGGGGGGAGAGACCGACCAAGGAAGG GGAAGGAGAAAAAAAGAAAAGAAGAAGGAAGGGGGGGGGAGCAGGACGAA AGGAAAAGAGAAGACCGAGGAACCGGAGCAGACCGGAAAAGAAACGCGGG GAAAGGGAGAAAGAAGACAAAGGGGGAAGGAACCGGGGAAGGGAGGGAG GAAAGAAAGAGGGGGGGAGAAGAGGAGGAAGAAAGGAGGGGGGGGAAAA CAAGAAGGAAGGAAGGCAGAACAGGGGGAAAGGGGACCAAAGAGAAAGAA G G G AAA $\operatorname{GAGGACGGAAAAAACGGGAAGGAAGGAAGGCCAACCCCAAAAGG}$ G G G G A A A A A A G G G G G G G GAAAA G GAAGGGGGGAAGGGGGGAAGAA GAA GCCGGAGGGGGAGAAGGAGAAAGGAGAGAGGGGGGGGGGGGGGTTAAAG CCCCAGCCGAGAAACCGAAAGGGGGGAAGAAGGAAAAAGGAAGGAAGGGG AA G GAAA G G GAAGGGGCGGGGGAAAAGGGGCCGGCCGGGGAGAGACGAG GACAGAACAGGGAAGGACAAAAGGGGAGAAGAGGAGGGGCCAAGAGGGG GGCAAGGGCAAGCCAGACGCGGAAAGAGAGAGAGAGAAAAAGGGAAGGGA AGGGCGAAGGAGCGCAGGGAAAGGAAGGAAAAGGAAATAAAAAAGGGGGG G G G G G G A G G A G GAAGGAAACGAGGGGAAGGAGGAAGGGCAAAAACCAAA GGGGAACGAACTAGGGAAAGGGGCCGAGACCGAAGCCCCGGAGAAGGAAG GGGGAAAAGACAGAGAGGGGAGAGAAACCAAACAAGAAGGGGGAAAGGGG GGGGGAAAAAAAAGGCCAAGGCAAAGGGGAAGGAAGGGGGGTTCCCCAAG

G G G A A G G G GCCCCCCCCAAAAAACCGGAAGGCCAAAAAAGGGGAAGGGGA A G G G GAAAACCGGCCAAAAAAAACCCCGGGGGGGGGGGGGGAAGGGGGG G GAA G GCCCCGGGGAAAGGGAAGGAACCCCGGGGAAAAAACCAAGGAAGG CCGGAAGGAACCGGCCGGCCAAGGGGCCAAAAAAGGGGGGGGGGCCGGA AAAGGGGAAGGGGAAGGGGAAACAAGACAAGGGAGAGCAAAAAGGGAAAA G G G G G G GTTACAGGGACCCAGAAGGAGAAAAGGGGGGACGAGAAAAAAAA AA $\operatorname{l}$ GGAAGGGAGGAAAAAGGGGGAGGGGGAAAAGAAAAAAAGGGGGGGG GAAAAAGGAAGGGAAGGGAGGGAGGGGGGGAAGGAAAAGAGGAAGAAGA AAAAAGGGGAACAAGGAAGAGACCCAAGGGGAAAAAAAAAAACAGGGGGA AAAAAGGGGGGAAAAAGCAGGAAGGAAGGAGGGGAGACCGAGGAGCAAG GGCCAAAAGGGAAAAAAGAACCAAAGGGAACCGGAAGGAGAGGGAGAAGA GGGAAACGCCAAAGGGAACAGAAGAGAAGAGGGGGGAGAAGAACGGAACA AAAAGGTTGAGAGAAGGGGGCCCCAGCAAAAAAGAAAAGAAAAAAGGGGG GGAAGGAAAAAAAAGAAAAGAAAAGACCAAAAGGCCAAGAAAGAGGCCCA AAGGGGAGAGCGAGGAAACCGGAAGGAAAAAAGACCAAAGGAAAAGGAAG GGCCGGGAGGGAGAGGAGGAGGAGGAACGAGGCCGAGGGGAGAAAAAGC AAGGGAGAAAAGGCAGGAAGGACAAGAAGAAGAGAAAAGGACCGGGAAGA AGGAAAGCCAAGGCCACAGAAAAGGGAGAAGAACAAAGAACGGGGCCAGA AAAAGGGGGGAAGAGGAGGAGGGAACCGAGGGGAAGGGAAAAAAAGGAC AAAGAAGACCGGGGCCGAGGACGAGCAAAGAAAAGGAAAAAAGGAGGAAA GAGGGGAAAACCGGGGAAAGAGAGAAGGAGAGAAAGGGAACCGAAGGGA GAAGGAGGGAGAAAGGGGGAAGAAAGGAAAAGAGGAGAAGACAGGAGGA AAAGAGAGAGGAGAAGGGAAGGAAAGAGAGAGAGGGAGAGGAGAGATAA GACGGAGAAAAAAAGAAGAGGGGGAGAAGGGCCGGGGGAGAACGGAGAG AA G GCCAAAAGGAAGGAAGGAAAGGGGAAGGGAAGAGAGAAGAAAAGGGG AA G GAACCGGAGCAGGGGAATAGGAGAGAAGGGAGGGGGGAAAAAAGGG GAACCAAAACCGGAAGGAAAGAAAAGGGGCCAAAAAGAGGAGAGGAGAAA CAAGGGGGGGGGGGGAAGGCAAAAACCAAAGGGGGGGAAGAAAAGGGAA GGGGGGAAAAAAGGGGCCGGACAAAGGGAAAGAAGGAAAACCAACGGGGG GGCCAACAGGGAAGAGAGTTAGAACCAACCACGGAGAAAAAGGGAAGGGG AGAGGAGAACAGAGGAGGGGGACCGGAGAAAGCAGAAGAGAAAGAGAAAG
 GAGGGGGGAGGGGAACAGAAGAGCAGGTTCCAAAGGGACAAGGCCGGGG AAA $\operatorname{l}$ GGGAAGGGAAAAAAGAGAGAAAGAAAGGAAGGGCAAAGGACAGGGG G GTTAAAAAAAAGGAAAGGGGGGGGGAAAGAGGGGAGAAAAACCGGGGCC GGGGAAGACCAAAAAAGGAAGGAAAAGGAACCGGCCAAAACCGGAAGGGG AAAAAAAAGGGGGGGGGGGGGGAAAAAAGGGGGGGGAAGGAAGGGGAAG GAAAATTCCGGGGGGAACCCCGGGGGGAAAAAAGGGGGGGGGGGGGAAC AAGGAACCAAGGAAGGAAGGAAGGACAAAGAAACGGCAAGGAGGAAGGGG AGAGAAGAGGAGGGAGAAAGAAGGAAGAACCCAGGAGAGGGAAGAAAAGG AACCAAATAGAGAGGACAGAGAGGCCAGGGAAGGGAAAGAAGAGCAAAAA GAGGAGAGGGAAAGGGAGAGGAAGAAGCGGGGAAAAGACCGGAAAAGGG GGGGAAAAAGAGAAGAAGGAAAGGGAAACACGAGGGGGGAAAAGGGGGG AAAAAGGGGGAGGGAAAGACAGGAGAAGAAGGAGGGAAAAAATTAAGGGG GGGGTTGGCCAAAAAAAAAAAAGGAAGGGGAAGGAAGGGGCCAAAAGGAA AA $\operatorname{A}$ GGGGGAAGGAAGGAAGGGGAAAAGGGGCCAAGGGGAAGGGGGGGGA AAAGGAAGGGGGGAAAAAAGGCCGGGGAAGGGGGGAAGGAAGGGGAAGG GGAAAAGGAAGGGGGGAACCAAGGAAGGGGAAAAAAGGCCAAGGGAGCAC GAGGCCGGAGGGGCAAGGGAGGACAGCGAAACGAAAAAAAAGGGGGAGAC GGAGGAAGAAAAGAGGAGCCAGGGGGACGGAAAGAAAGAGGAAGGAAGA
 AAGGAAGAAAACGAAAAGGGAGAAGGAAGGAAGGAAGGCCCAGACAGGAG AGAGACGAAGAAGAAAAACAAAAGGGGAGGAAAACCGGGGAAGGAAAAAA G GAAAAGGAACAAGGAGGGACCGGGAGAGGAGGAAAAAAGACGAGGAAAG G G A G A A A A A C G G G G CGAAAAAGAGGGGGAAGGAAGGGGAAACAAGAGGAA GAAAAAGGAAGGGGGGGGAAAAGGAAGGGGAAGGAAGGAAGGAAGGGGA AGGAACCAAAACCGGCCAAGGAAGGCCAAAAGGAAAAGGGGGGAAGGGGG GAAGGGGGGCCAAAAGGGGAAAACCAAGGAAGGAAGGCCGGAAAAGGAAG GGGAAAAAAAAGGGGCCAAGGCCAAGGGGAAGGAACCGGAAGGCCGGAAG GAAAAGGGGAAAAAAAAAAAAGGGGAAGGAAAAGGCCGGGGAAGGGGAAA AGGCCAAAACCCCAAAAGGGGGGAAGGTTGGGGAAAAAAAAGGAAGGAAA

AAAAAAACCCCGGAAGGAAGGAAGGAAAAGGAAGGGGAAAAAAAAAACCC C G G G G G G C CGGAAAAGGGGGGAAAAAAGAAGGGAGAGGGAGGAAGCACC G G CA $\operatorname{l}$ G GAACGGGGAGAGGGAGAAGGGGGGGGAGCAAGAAAAGAGGGGG
 GAGAAGGGGAAGAAAAAGGAGGGACATAAGGGAAAACCACGGAAGGAAAC GACAAGGGGAGGAAGAAAGGAAGGGAGGGGGACAAAAAGGGGAATTGGG G G G A G GCGAGGAAAGCCAAAAGGACGGACAGAAGGAACCAAGGAAGGGGA A G AAA $\operatorname{A} A A A G G A A C C G G G G G A A G G A C C A G A C G A A A G G G A A A G G C C G G G A G$ GCAAGAACCAAAAAAAGAAAAGGAGGGAACAAGATGGAACCGAGGAAAAA AAAAACCGAGGGGAGAAAACCGGGGGGGGAAGGGGGGAAAGGAAAAACCG AGAAAGAGGGGGGAGAAGAAAAAGAAAGACAGGGGCCAAGAAGGGGGGAC CGGAAGGAGAGACGGGGAGAAAAAAGGAGCCAAAGAGCAAACACCGGCCG G G G G GAAGAAAAAAAAACCGACAGAGAAGAGGGAGACGGAGTTTAAAAAA GAGCCGGAAAGGGGGAATTGAACGGGAAGGGGGGGAAGGGGGGTTAAAA ACAAGGACGAGGACGAGGAAAAAGGGGGAGGGGGGGAAAAGAGGGGAAG GAAAAGGAAAAAAAAGGGAGGGGGAAAGGCCAGGGGAAAGGCCAGAAAAA GAGAACAGAGAAGAAAGAGCCACGGAAGGGAAGAACCAGAAGAGACCCCG GGAAAAGAAAAAAAAAAAAAAGAAAAAGAAAGAGGGGGGGGAAAAGGGGT TCCGGAAGGAATTAACGGAGACCAAGGGGAAAGGAAGAAAAAAGGAAGGG A G GAGGAGGGAACAGGACAGCGAAGGGCCAAAAAGAGAAAAGGCAAGAGG AA GAAAGAGGAAGGGCCGAAGAAGAAAGAAGGAAGGACCGGGGGGGGAAA AAAGGGAGGAAAAGGGAAGGGAAGGAGGAAAGGGGAAAAGGGGGGAACC AACCAGAGACGGCAGCGACCGGAGAAGAGGCGGGACGAGGGGAAAAAGGG GGCCCCAACAAGAAAACCGGAAAAGAAGGGGGGGCCAAGGGAAGGAGGAA GAAGAAAAGGGGCCCCGAAAGGGGAGAGGACCAAAAAAGAGAAAGAGGGA AAAAGAGAGGCCGGAGGGAGAAGGGAAACAGGAAGGGGAACCAAAAGGGG GAGGGGGGAGGGGGCCGGAAGAGGAAAGAGAGGGAAGGACCCCAGGCCC AGGAAGGAAAGAGAAGGGGAAAGAAGAAGAATACACCAAAAACAAGGAGA AAAGAAAGGAAGAGGGGGGAAAGGAACCAGGGGGGCCAAAACCAAGGCCG GGGGGAAAAGGAACCAAGGCCAAGGAAAGGGGGAAACAGAAGGAAAGGAG G G G A GAGAGCCGGAGGGACGAGAAAAAGGGGGAAAGAAGAAAAATAAGGG GGGAAAAGGATCAGAAAGGACCAAAGGAAGGAACCAACCTAAAGGAGGGC AAGAAAAAGGAACGGGGGGCCTTGGAAGAAGAAGCACAAGGAAGGAAAAA AGGGGTTAACCAACCAAAAAAGAAGAGAAGGGGGAAAAGGGGGAAGGAGA AAAAGGGAGGAAGGGAAAGGAAGGGGGAAGGAAAACCAACCAAAGAGAAG GGGAGCCAGGAACAGGAGAAAGCAAGGAGAAGAAGAAAAGAGACACCAAA AAAAAAGGAGGAACACCCAGGGGAAAGAAAAAAGGCACACAACAAAGCCG GGGAAGGATAAGAAGAATAAAGGGGAAGAGGGAGGGGCCACGGCGAAAG GGCCAACAGGGGGGACAGCAGGGAAAAAGCAGGGAGAAAAGAGGGACCGG GGGGAACCGGAGGCGGGGAGAGAAGAAAGGAAGGGGGGGAGGGGAAAAC CAACCGAACAGGGCAGAGGGAATGAGACAGAGGAGCCGGGGGGACCCAGA GAAGGAAAAAAGGAACAAGGAGGAAGGAAAGGAGAAGACGGAAAAGGAAA GGGAAGGGGGAGGGGAAAGGGCCGGGGGGAAGAAGAGGAAGAAGAGGCC CAGGAAGGAAGGGGGAAAAAGGGGAAGGAAACGAAGAAAAAGGAGGGAAG G G G A G ACAGAGAGGAGAACACCGGGGAGCCGGAGGGAGAAGAAAAGGGA AGGCGGAGGACGGAGCACCCAAAGGGGAAAAAAAGGAAGCCAAGGAAGGA ACCAAGGATAAAGAGAAGGAAAAAGCCGGGGGGAAAAAAGACCCACCGGG GACAGGGGGAAAGGGGAAGGACCGGGGAACAGAAGAAGAGACACAGAAGG AAGGGCACCAAAGAACCGGTTCCAGGGACAGAGCCGAAAGGGGCCAAGGC C G GAAGGGAACAAGGCACCAGAAGGAGAGGGGAAATTCCGAGGGAAAAAA AGAAATAAGGGAAAAGAGCGAAGAGAAAAGACCAGGGGGAAAAGGGGGAC CAACCGGGGGAGGAGGGGAGAAACCCCAAGGAAAGAAGGAAAGGGGGGG AAGGAAGGAAGGAGGCAAGGAAGGAGGGAGCCGAGGGGAAAGCCAAAACG AAAAACGAGACCAGGGGGGAGACCGAAAAACCCCGGAACCAAGGGAAGGG CGAAAAAAGGAAAAGGGGGGCCGGAAAAGGAAGGAAAAAAGCAAGAGGAA AACAGGAAGAAAGGAAAAGAAGGGGAAAAGAAGGGGGGAAAAAAAAAAAA AA G G AAAAGAGAGAGAAAGACAGAGGGGAGGAGAAGAGGGAAAGAAGAGG GGCGCAGGCCAGAAAGAAAGAGAGACACAGGAAAGGGGAACCGGAAAGCC AAAGGAACAGGGAAAGGGAAGAGGAGGGAGAAAAGGAAAACCAAGGGACC GGGAAGCCCCGGAAACAAAGAAAAAGACAGCCAAGGGAAGGGAAAAGAAA GGGAGGCCAAAGGGAGAAAAAAAGAGGGGGGAAAAAGGCCGGAAAGAAAA

G GAAAGCAGAGGGAGGGGACAAGGGGACAAAGAACCAGAACCCCCCTTAC CCACAAAAGAGAAGCAGAAGGAGGGGACAAAGGGAAGGAAAAGGAGAAGG GGAAAGAGAAGGAAGAGGAAAGCAAAGGCAGGAGCCAACAGAAAAGAAGA GAGGGAGATTGAGGAGGGAAGGAAGGGGAAAGGGCAGGAAAAGAAGAGA CAAAAGGCACCAGGGAAAAGGAAAAAGGGGGAAGAGGGACAAGGAAAGGG G G G CC G G G G G GAAGGGGCCAAAAAAGGACGGAACCAACCAAAGGGGGCAA A G G G G GAAAAAGGAAAGCCAGAGGGAAAAAGAAGGGAGGGGAAAGGGGG AAAGAGAGGACAGAGGGGAAGAGAACGAGAGGCCAGGGGGAGAGGGAGG GGGCCAATTAGAAAAAGAAGAAAAAGGAAAAAACCAGAGGGGAAAAAGGA AA GCCGGGGGAAAGGCCAGAGAAAAGACACAGGAGAAAAGGTAAAGAGGG AAAAAAAAACCAAAAGGGGGGAAAAAAGGAAGGGGGAAGAAGAAAGACCA AGGAAGGAAGGAAAAGGAAGGAAGACGAAGGGGAGGGAAGGAGCCGACCA AGGAAAAAAAAGAGGGGGACACAAAGGAGAAAGGGGGCGAGGGGGGGGG AGGGAGCAGACAGAGGAACCAAGGGGGGCCGGGGGGCCGGAAAAAAGGA AGGAAAGAAAAGGAAGATTAAAAACACAGAGGGGGAAGGAACCAAAAAAA CCAAGTTAGAAAAAAAGAAAAAGAGAAGAGGGAGCAAGGGGAAAGAGAGA G GAGGTTCACGGGGGAGAAAAAGGGCCGGAGAGAAGGGGAAAGAGACGA AA $\operatorname{l}$ GAGCGAGGGAAAGGGGGAGGGGGGGGGAAAAAGCCGGAGAGAGAAA
 GAACGGCACCGGAAAAAAAGGAAAAGAAGGAACAGAGGGAACCCAAAATT CCAACCGGAGGAAAAAAAGGGGAAAAGGGGGGGAAAGGGGGGGGCCGAA AAAGGGAAAACGAAAAGGGAAGACAAAAAAGAAGAGAAAAGAGGGGGAAA AAACCAGACGAATGAAAGACAGCAAAAAGGGAGGGAGAAAAAAAACCAAA CGAAGCCAAAAGGACGGAAAAACAAGAAGGGGGAACCCACAGAAAAAAAG AGGAAAAGAAAGGAAAGGAGAAGCCAAGGGGCCACAGGAAAGGGGGCAAG GGGAAGGAGAGGAGGGGGGCCGGGAAAAAGGGGGGAGAAGGAAAGAGCC AAAAGGAGAACCAAGGGGAAGGGGCCGGGGAAGGAAAAACGGAGGGAAGA GGGGAAAAAGGGAAGGGGCCAGGGAAGAAACCGGCCGAGGGGAAGAGGG GAGGATTCCGAAGGAAGGAATGAGAGGAACCACAGAAGAGGGGAAGGAGG GAAGGGGAAGGAAAAGAAAGGAGCCAAGGGGCCGGGGAAAAAAGGGGAAA AAAGGAAGGCCAGCCGGAACCGGCCAAGGCCAAGGAAAAAAGGAAAACCA ACCGGCCCACCACACGGAAGGCCGAGGAGGGGGAAAACCCCAAAAAGAGG GCCAAAAAAAGAGAAGGAACCGACGGGTTGGGGGGAAAAAGGGGGGGGA
 GG GAATTAGAAAAGGAAGGGGGGCCAAGGGGAGCCAGAAAGGGAGGGAG CCCCAAGGAAGGAAGGCCGGCCAGGGACGGAACCAGAAGAAAAGGAGGAC GAAGAAAAAGGGACAGAGGGAGGGGGGGAGGAAGGAGGAACCGGGGCAA AAAAGCCGGCAGAGGCAAAGGAAGAAAAGCCGGAGGGAAGAGGAGAGAGG AGGAGAGCCAGGAGGACACGGCCCCGGGGAAACGGGGCAGGCAAAACGGG G G A G G G G CAGGCCAAAAAGGAGGGGAAAAAGAGGAACGGGGCCAGAAGG A G G A G GACGGGGAAAACCAAGGCCCCAAAAAAGGAAGAAACCAGGGGGAA AACCGGAAAGGGGGGGAGCCGGAAGAAAGGGAAGAAACGGGGAAAGAACA AGGGAAGGAAGGGGAAAAGGGGGAAAGAAGAGAGGAAGAAACGGAGAAAA AAAAGGAGGGAAGGGAACGGAAACAAGGAAGGGGAAAAGGGGGGAAGGA G G G G G G GAAAGGGAGCCGAAAAAGGGGAGAGGGAGAGAAGAGGGGGGGA AGGAAAGAAGGGGGAACCGGAAGAGGGAGAAACCTAGAGAGGCCAGAGAA GGAACGGGAAGAAGGGGGAAGGAAGGGGGAAAGAGGGGCAGGAGAAGGG GGGAGAAGGAGGAGAGGGGAAGAAGGAAGGAGACCAACCGAAAACGGGG AAGGAAGAGGAAAGAAGAAAGGAAAAGGATGAAGAGAGGAAAAGGGCCCC
 G GAAACGAGGAACGGACAAAAGGGGGGAGAACCAAAGAAGGCCAGAAAAG G GAAAAGAAAGCAAAGGGGGGAATTGGGGGGAAGGAAATAACCAGGGAAC C GAAA G G GAA G GAGAAGAAGGGGGGGAGGGGGAAACCCCAGGGCAAACCA AAAGAGAGGCCGGCAAAACAACCAGGACCGGCCTTGAAACCAAGGCCAGA GGGAAAAAAGGAGGGAAGGGGACGGAAAGGGGAGGAAGGAAAAAAAAGG AACCGGAAGGAAGGGGAGAAAAAACCGGGGAAGGAAGGGAAGGGGGAAG GAAGGGAGAGGCAACGAAAAGAGGAAGCAGAAGAAGAGAGAAAGGAGAAA AA $\operatorname{G} A \mathrm{~A} A \mathrm{G}$ GGAAGAAAAAGGGGAGTTGGAGAGAGGGGGGGAAGGAAGGGG AAGGAAAAGGAGAAAAGGAAAAGGCCAGAGAAAAAAAGCCACAGGAAAAA CAAAAGCAGAAAGAGAGGAAAGAGAAAAGAAGAGGGGGAAAAAAACAAGG AACCGAAGGGGGGGAAGGGGAAGAGGGAAAGGCAGGGACATATTGGGGA

CCCAAGGAGACGGGGCAAGCCGGGGAACCAAAAGGGGGGGGACGGGAGC G GCCGGGAAGAAAAGAAAAACACAAAGGCAACGAACGGGGGAAAAAAAAA AA $\operatorname{G} \operatorname{GGGGGGGAAAAAAGGCCAAGGGGGGAAGGGGAAAACCGGGGACAGG}$ GAAAAAAGGAGAAGGAGAGCAAAAAAGAGGGGGGGAAAGAGGGGAAACCC CGAGGAGCAGAACAGCCCAGGGAAAGAAAGAGAAAAAGGAAGGGGGGAAG G GAA GCGAAAAACCCAAGGAGAAGGGAGGGGGGGAGGGACCGAAGAGGA G G G GAGGGGGGGAGAAAGACGGAAGGGGGAGGAAGGAACAAAAAAACAG GCAGAGAGAGACAATGGGGAAAAGGGGAAGGCCAAGAGAAAAGCCGGCCA GAACCAAACCCAAGAAAGGGGAAAGGGGAGGGGAAAGAGGGAATTGGCCA ACAAAGGACAAGAAAAGGGATGGACAGGAAAGAAAAAGGAATTCCGAGAA AGGAAGGAAGGGGCCAAGGCCCCAAACGGGGAGAAAAGGGACAAAAGAAG GAGAAAAAACCAGCCAGAAGAGAAAGGAAAAGATTAAAGAGCAGGCCGAA AAAGGCCAAGGAAAGGGAAGCCCGGTTAAAGGAAAAGACGGGGAGGGAGA AGGAGAAGAAAAAGGAAAAGAAAAGAAGAAAAAAAAAGAGGAAAAAAGGC CGGAAGGCAGACCAGAAAGAAAGGGGGGGACGAAGTACAGGACAAGGGAA GAAGGAACCAGAAAAAAAAAGAGAGGGAAGGCGAAGGCCCCGAGGAAAGA CCCAAGGAGCAAAAAAAGAGGAAAGAAAGAGAAGGAAAAGAGGGAAAGGA AAAAGATAGGGGAGAGGGGAAGGGGAAAAGGAAGGAGACGGCCGGAGCA G G CA G G GAGAGAAAAGGGAAGGGAAAACGGCCAAAACCCCACGGCCAAGG CCGAGGAAGGAAGGCCAGGAGGAAAAAGAGGGGAGGGGGGAAGGAGGAC CGGAAAGGGGAAAAGCCAAAAAAGGAAAAAGAAAGGGGGGGAGGAGAGGG GAA $\ln A \mathrm{G}$ GGGGGCCAAGGAGAGGAAAGGGGAAAAAAGGGGAAGGGAAACG AGAGGGGGGGAAGGGGCAAGAAAGAAAAGAAGAGAAAGACCGAGAGGGA GAGACGGGGGGCAGAGAACATAAGGAGGACCAAGGAAAAGGGGGGAAGG AAAAGGAAGGAGGGAAAGGGAAGAGGAAAAGGAGATGGGGCCAAGGAAAG A G G G G GCCAGAAGGGAAAGGGGAGAAAGAGAAGGAGAGAACCAGGGGAG AAAGGCAAAGAGAAAGGGGAAAAAAGGAAGGGAAGAAAAGGCCAAAAAGG A G GAAAAGGGAAAGGGGAGGGGACGCCGGGGGGGGAAAAGAGGGGCCAA AA G GAGGAGAGAGGGGAAATCCGAGAGGAGGAAGCACGGGGGGGAAGGA GAGCAGGAAGGAAAGGAAGGGGGAAAAAAGGAAGAAAGAGAGAAGCCGGA AGAGGGACAGAAACCGGGGAGAAGGGGAAGAGAGAAGGGAAGGAGAAAAC CAAAGGGAGAAAGGGAGGGAGGGAAGGAGGAAAAGAGGAGGAGCAGGGA AGAAGGAAAGGAAGCCGAAGAAGGTTAAACAGACGAAGGGAAAAAGAAAG A G G AAAAAGGGAACGGGAGCAAAAGGAGGGGAAAGGAAAAAAGGACAAAA G GAAGGGAGAGGGAAAAACCTTGAGGAAAAGACCAGAGGGAAAAGGCCCC A GAGAGAAGGAAGCGGACAAAAGGAAAAAGGGAGGGGGAAAAGGCCAAGG GAAAGGGGAAAAAGGAGACAAGAAGGGGGGGGGAGGAACCCCCCAACCAA AACCAAGACGAAGAGGGGACAGGGCCAAGGAAGGAGAGAGGGGAATAGAG G GAGGGAGGGAGGGAGACACGGAAAGAAACGGAGGACCAGAGAAAGCCGA AGGAACAGGAGGAGAAACAAAAAAACAGAGAAAACCAAGAAGAAGGAAGG GGAACAGGAAGGAAGGGGCCGAAAAATTAAGGAGGGGGGGGGAAAAGGA AGGAACCAAAAAAAAAGAAAGGGAAAAGGGGCCAAAAAAGGGGCCGAAGC CAGGAAAGGGAGGAGGAAAAGAAGAAGGAGGGAAACCGGGGGAAGGATTC CGAAAAAGGAGGGGGGGAAGGAAAAGGAAAAGGGGGGCCGGACGGAGAA GGAGAAAAGAAGGGGGGGGGGGAAAAACGGGGGGAGAAAAGGGGGGGAC AACAAAAGGGGAGAGGGACGGCCAGAAAGAGGAAAAAGGGAAGGGGACCA GAAGGAAGAAGCAGAAGAAACAGGGGGAAGGGGAAAACCGAAAGAAAGGG GCAAAAAGAAAGAGACAGAAGGACCGGAGCCGGGGGGCCAACGGGACGAG G G G GAGGAGAAAAGGGGGGAGAAAACCCCGGAAAAAAAAAAGGAGGGCAA A G G G GAA $\operatorname{A}$ GGGAAAAGGCCGGGAAAGGGGGGGAAGGGGGGGGGAAAGAA AA G GAA G GAAAAAGCCGGGGAACCGGAAAAAGGAGGAAGGAAAGCCAGCC AAAGGAGGCCCAACGAAAAAGACCGGCCCCGGGAGAAGAAGGAAAAGGAA GAAAAGGAAAGAGGGAAACCGGGGGGAAAAAAAAGGGGAAAAAGCCAAGG GGAAGAGAGGAGGACAAAGGAGAAGGAAAAGGTTAAAAGGGAGAGGAGAA GGAGGGGAGGAAAGAAAGAGGGGGAGAAGGAAAAAAGGGGGGAGGAGGA AAAACCAACAGACAGCCAAGAGAAGGCACGGAAAAAAGGGGAAAAGGAGG AAAAAGGGCGAGGAACACCGGGGGGGGGAAGGGGCAGGGCCGGCCAAGG GGGGAGGGAAGGGGGGCAGGGGAACCGGGGGGAAAAAGGACCGGGAAGG GAAGAGGGGAAGGAAAAAAAGGGGAAAATGGAAGAAGAAAAGAGAAAAGA GAAAAAAGAAAAGAACCAGAAGGGAGAAGAGGGAGAGAAGGGAGGGAGGG AA GAAAGGGGAAGGGAAAAGGAGGAAGCAAAAAGAAAACGGAAAAGGGGG

GGGGGGGGGAAGGAAAACCGAACGACCAGACGGAAGGGACCAAAAGGAAG GGGGGAACCAAAACCAGAGAAAACCGGGGGAAGAAAGGGGAGGGGAGAAG AAAGGCAAGAAGGGCAAAATAAGAACGGGCACCAAAAGGGGAAGGGGAAC CGGAAACGGAAAAGGAGGGGGAGAGAGACACCCACAGGGAAAAGGAAAGA CAAGGGGAAGGAAAAAAGGAGGGCAGGGGGGAAGGGGGGGAACGAGAGG AAAGGGGGGGCCAAGGCCAAGGAAAAAGAAGGGGAGAAGAGGGGGGAAC CGGGAGAGGGAAGGAAAAAAAAGAGGAGGGGGGCCGGGGGGGGGGGGGG GGAGAGGAGGGAAAAAGGAAGAGGGAGGAAACAGAGAGGGGAGAACGGA AGGGGAGAGAGAACCAACCAGAGAAGGGGAAAAGGAAGAACCAAAGGGGA GGAGAAGGAGAAGGGGAGGAGGGAAAGAAGGAGAAAGAGAGGAGGAAGA GACAAAAAAAGGAGGGGAGAGGAAAAACAGGAGACCGGAGGAGGAAGGAG AGGGGGAGAACAGAGAAGCACCGGGGAAGGAACCGGGGGGCCCAACGGAA GAAGCAGGCCGAAGGGGGGGGAGGAGGGGGAAGGAAGGAAAAGGAAAAG GCCAGAAAGGGGGGGAAGAGAGGGACCAGCCGGAAAAAAAAGGAGAACCG GAAAGAGTTGGCCGGAGAGAGGAAAGGAACCAAAAAAGGGGGGGGGAAAG GAGAAGGCCGGCAAAGGAACAAAGGACAGCCAAGAGAAAGAGGGGAAGGA GAAAAAGAAAAAAGGACCAGGAAAAGGGGAAGGGAGAAGAGAGCAGAGGC CGAAAAAGAAAGGAAAAGGCCAAAAGGAAAAAAAAGGAAAAAGGACAAGA GGGGACAGAGGCCGGGGGAGGACAGAAAAAAAAAAAGCCAAGGAAAAGGA AAAAAGGGGGAGAAAAAGGGAGGATGGGGCCCCGGGGGAAAGACAAAAAA GAGAAAGGAAGAAGAGAAAAAAAAAGCAGGAGGAGAAGGGACAAGAAGGA AA GCCAAGGAGGGGGAAGGAAGGCGGACCCCCCCCAGGACAAAAAGGAAA AAAGGGGAGATAGCCGACCAGCCAAAAAAGGGGAAAGAGGGAGAAGGGAA AGGGAAGAGGAGGAGAGAAAAAAAGGGAGGGGAAAGGAAGGAGAAGGGG TTAAACGAAAAAGGCCGAGGAAAGAGGGAAGGAGGGACGGCCAAGGCCAA AGGGGGAGGGAGAAAAAAGGAAAACCTAGGGAGAAGGGGAGGAAGAGGA AAAGGAAGGCCGGACGAAGAAGAAGGGGACAGGCCAAGGGGAGAAGACAG AGGCCAGGGAAAAAGGACCAGAGACAAGACCGGATAGCAGGGGGGCCAAG GGGCCACAACCAGGGGGCGAGAAGAGGAAGGGGAAGGAAAAAAAATTCCG GGAGGAACAGAGGAAAGAGGGAACCAAGGACAGAGAAAAGAAGAAAACAC CAAAAGGCCAAGGGGAAAGCAAAAAGAAAACGGAGGGGAAAAAAGAAAAA GGGGGAGAGGAAAAAAAAAAGAGAAGGCAGAGGGGGGGGGGGGGAGGGG AACCAAGGCAAAAAACAAGGGGAACGAGAAGAAGGAGGGGAAAAAGGGAA GGGGGGGGGGGGAAGAAAGGAAGAAGCCAAAAGGGGTTGGCCAAGGGAA ACCCCGGAAAAAGACAGGACAAAGGCCCCAGAGCACCAGCCACAGAGAAG GGAGAAAGGAGAGGAGGGGGGGGAGTTAAAGAGAAGGAAGGAGAAAGGG CAAGAAGGAGGAGGGAAAAGGGGGGAGGGAGGGAGGAAGGGGAAAAGGG GAGGGAGAAGAGAAAAGGAGGAAGAGGGGGACCAGACAGGAAACACCACG GAGAGAACCAAAAGGAAAAGGGGGGGGGGGGGGGAAAGACAGAGGAAGG AA G G G GAAGGAAGGAAAAGGCCGGAAGGGGAAGAGAAGGGGGAAACGGC
 AA $\operatorname{la}$ A AAAAAAGGGGAAGGGGGAAGAAAAGGGGAGAGGAGGAAGGGAAG AGGAAAGGAAGGGGAAGCAAAGGGGAGGGGAACCAGAGCAACAGGGAAG GACAGAACCAAAAAGAAGGAAAAAAAAGGAAGGAAGGGGAAGGCCAGACG GACAAGGAAAGGGAAGGGGGAAAAAAAAAAGAGGGAGGGGGAAAGGGAA GGGGGGAAGGGGGGAGGGGGGAGAACAAAGGAGGAAAACAGGCAAGAAC CGGGGGGAAAACCAAAAGGGGCCGGCAACGAGGGGCCGAGGAGAGGGAG AAAGGACCGGGACCAGAGAAGAAGCCGGGGGAGGGAAGCCAAGAGGCCGG GGAACCCAGAGGGAGAAGAAAAAAAAGGGGGGAAAAGAAAAAAAGGGAAG AAAACCCAAAAAGGCCAAAAAGGAAGGGCCGACCAAGGGGAAAAAAAAAA AAAAAAAACCCGAAGGAAAAGGGGAAAAGGCCAAGGGAGGAGAACCCAGG GACCGAGAAGAATTGGGCGGGGGGGAGAAAAGCCAGGGAAGGAAAACACA AAAGGGGGAAGAGAGGAACCAGGGACAAGGGAAGAAGGTTAACCAAGGGG AGGGAAGGGAGGGGCAGGCCGAAGAGAAGGAAAAAAAACAGACCGAAAAA AAAAAAAAGGAGGGGGCCAAAGAAACAAGGAGGGACAGGGAAGGGACCAG AGGGGGACGAGACCGGAAGGGGAAAAGGCCGGGGAAGGGGAAGGCCAAC CAAAAAACGGGGGAGCCAAAAAAAAAGAAGAGGGAGGAGAGACTTAAAAG AGAAAAGGGGGAAGAGAAAGAGGAAGGGGAACCAAGGAAGGCGGGAAAG GAAAACAAGGGGGGAGAGGGGGAAGGGGGGAAAAGGGGGGGGAAAAAAG GCCAAAAGGAACCGGGGGGGGAAAAGGGGAAAAGGAAGGAAAAAAGGGG GGAAGGCCAACCAAGGGGCCGGAAAAGGGGCCCCGGGGGGAACCGGAAAA

G G G GAAGGCCAAAAAAGGGGCCAAGGAAGGAAAAAAAAAAGGGGGGAAGG GGAAGGCCAAGGGGAAGGAAGGGGAAAAAACCAAGGGGAAAAGGAAGGG GAAGGAGGGGAACAAGGAGGGAAAGGGAAGAAAAGGAAGAAAAAAGAAAA AAAAGACAACAAGGGGGGGGACAGGAGAGGGGAAGGGAACCGGAAAAAAG GGGAGACGGGGAAGAAGGGAGGAGGAAAAAAGGAAAAGAGGAAAAGGAG G G CCGGAAAAAGGGAAAAAAGGGGGGGGAAGGAAAAGGAAGGAAGGAAG GGGAAAAAGAAGGAGGAAAAGAAGAAGGGACAAGGAAAGAAGGGGAAGAA AA $\operatorname{GAA} A \operatorname{GGGGGAAGGGGAAAAAACCGGGGGGCCGGGGGGGGGGAAAAAA}$ G GCCGGGGAAGGCCGGAAAAAAGGGGGGAAGGGGAAAAGGAAGGCCGGG GAAAAGGGGAAGGGGGGAAAAGGGGGGGGAAGAAGCAAAAAAAGAGGGA AGAACAGGGGCCGGAAGGAAAAAAGGGGGGAAGGAAGGAAAGGAAGAAG GGGAAGGAAAAGAAAGGAAAAGGAAGGAAGGGGAAGGAAAAGGCCGGAAG GAAAAAAGGCCAAGAGGAGCCAAGAGGAAAAGACCGGGAAGAAAGAGGGG ACACCAAGGAACAGGAAGGAAGGAAGGAAAGAAGAAAGGGAAAGGGGGGG GGGAAGGGGAAGGGAACGGCCAAGAAAGAGGGAAGCAGGAAAGGGAAACA AAGAAAGGGAGAGCAAAAGGAGAGAGAGACCGAGGAGAGACGGAAACAGG GCCAACCGAGGGGGGAAGGGGGGAAAAAAGAGGGAGGCAAAAAAGCAGGC G G G G G AAA G G G GAGGGGAAAAAAAAAAAAGGAAGGAAGAAGGGAAGGAA G GAAGGGGAAAAGGGAGGAAACGGAGCCGAGAGAGGAAAGGGAGGGAAA AGGGGAAGGAAGGAAGGAGCCGGACGAAGCCAGGAAAGGAAGGGGAGGG TTGGGGCCAGGGGACCGACAACGGAAAAAAGGGGCAGGAGGAAAGGAAGG AGACGAAGAGACGAAGCAAGAGACAGAGGAAGGACCGAGGGGGGGGAACC AAAAAACCAAGGGGAAAAAAGGAAAAGGACGGAAGGGAGAGGAGGAGGGG GGAAAAAAGGAGGAGGGGGGAGGAGGCAGGGGAGGGGAAGCCAGGACAC CAGGGAAAAAGAAGAGGAAAGAGAACAGGAAAAGGAGAGGGGGGGAAGAG GGAAGAGACGGGAAAAAGAGGGGGGGGAGCCGAGAGGCCAAAGACAGAG GGGGCCAAGGCCCCGGGGGAAGGGAGAGAGAAAGGAACAGCCGGAAGGG GAAAGGGAGAAGAGAACCCCAGACCGGGGAGAGGGGGGGGGGGGAGGAA GACCAAAAAACAAGGGCAACAGGAGGAGGGGGACGAGGCAGAGGAAAAAA AA G G G GGGCCAAAAAAAAGGGAAGGGGAAAAAGACAAGAGAGAGGAAAAA AAAAAAGGAGCAACAGGAAGGGGGGAACAGGACAGGCCAAGGAGAAAAGG CAAAGGGGAGAAGGAAGGGACCGGAAAGGGGGAGCCAAGGGGGGAGGAA GAGGAAGAGAAGGGGGGAAAAGGAAGGCACAGGGGGGGGGGAAGGGGAG A G G A A G G G G G G G G GAACCAAGGAAAAAAGGAGAAGGGGCAAGGAAAAAAA G G G GAGAGGGGGAGAGAAGGAGAGAAAGAGGGAAGGGGAAGAGGAAAAA AAAGGCCACAAAAAGGACCGGAAAAAGCCGGGGAAAAAGAAGGGACCAAA AAAAAAACAGGCCGGGGAAGGAAAAGAAGGACCAAGCGACCGAAGAAGAG GGGAAAAGAAAAGAAGGAAGGGGGGCAAAAAACGAAAAAAAGAGGAGGGA AGAGGAACCGGGGAGAGAAAAGGGAGAGGAAGGAAAAAAGAGGGAGAGAA A G G A G GCGGGGCCGGAAAAGGGGGGAAAACCGGAGAGAGGGAAAAAAAA GAGGCCAAAAGGGGAAAACAAAAAGAACAAGAGAGAAGGACAAGAAAGGA GAAAAAGGCAGGAAAAAAAAGGAAGAAAAAAAGGCCGGGGGGTTGGCAAA GGGGAAAAAGAAGGGGGAGGGGGGAACAAGCCGGGGAAGGAAAAAAGGG GGGAGAAAAAAGGGAACCAAGGGAACCCCAAGGCAACGGGACAAGGGGAA GAAA G G GAGGGGGGGAGAGGGGGGGGGAAGGAACAGGGGAGGGAGAGAA GGGGAATTAAAGAGAAGACAAACCAAGGAAAAAAGGAAACAGAAAAGAGG GAAAAAGGGGGGGAAAAAAAGAAAGGCCAAAGCCGGGGAACCAAAAGGAA GGGGGGAAAAAAAAGGGGGGAACCAAAAGGCCAAAAAAGGAAAAGGGGGG G G G G G G A A A A G GAAGGGGGGAAAAGGAAAAGGAAAAGGAAGGAAGGAAA
 AAAAAAGGGGGGAGGGGGGAAGACGGAGGGAGGAAGGGAGCCGGAAGGG GCCGGAAGGAAGGAAAAAAAACCAAGGGGAAAACCGGAAGGGGAAAAAAG GAAGGAAAAGGGGGGCCAACCGGAACAGGCCGGGGCCTTAAGGAAGGGG GGAAGGAAAAAAGGGGCCGGGGAAGGAAGGCCGGAAGGGGAAGGAAAAA AAAAAAAAAAAAAAACCGGGGGGAAAAGGCCCCAAAAAAGGGGCCGGAAG GAAAAGGGGGGAAAAGGAAAAAAAAGGAAAAAAAAAAGGGGGGGGGGCCG G G G G G G GCCCCGGAAGGAAAAAACCGGGGAAAAAAAAGGGGAAAAGGCCA AAAGGAAAAGGGGAAAAGGGGGGCCGGCCGGGGGGAAGGGGGGGGGGAA AAAAGGGGAAGGCCGGCCAAAAGGAAAAGGAAAAAAAAAAGGAAGGAAAA AAGGGGGGAACCGGAACCGGAAGGAACCAAAACCGGAAAACCGGAAGGAA AAAAGGGGCCAAGGAACCGGAAAAGGCCGGCCCCCCAAAAGGGGGGAAGG

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$28134000-9$ GAGGGGCCAGGGGGGGAAGGGGGAAAGAAGAGAAAAGGAACC CCCCAAGGGGGGCCGGGAAGGAGGCCGAAAGGAACCAAAAGGGGAAGAGG GACCGGGGAAGGCCGGAGCCGGAGGAGGCCAAGGGAAGAAGAGAAGAGA GAGACAGGGCCAAGGAGGACCGGGAGAGGAAGGAAAGAGCCGGGGGAGA AAAAGGGGAACACCAAACGGACCAGGGAAAGGAAAAAAAGGGGGACGGCC
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G G G G GAGGAGAAAGCAGGAGGGGAAAAAGAAGAGAAGACCAGGAAAAGG GGAAAA GCCGAGAGGGAGAAAAACAGACAGAAAAGGAAGAAGGAGGGGGA GGGGGGGGGGGGGCAGGGGAGGGCCAAAACCGAAGAAGGAAGAAGGAAA AGAACCGAAGCCAAAAAAGAACGAAGAAAAGAAAGGAAGAAGGGAGGAGG G G G GAA G GAAGGGGGACCGGCCGGAGCCAGACGGGAGGAAGGAGGAGAA AAAGGAAGGAACCAAAGGGAAGAGACCAAGAGAAGAGGAAAGGAACCAAA AAAGGAAGAAGAAGGAAGGACACGGGAGAGGGGAGAACGGGGGCCAGGG AAAAAGAAGGGAGGAACAGGAAAGGGGGGGAAAGGGAAGAAGAGGGAAG GAAAAAAGGCAGGAAGAAGAGGGCCGGGGGGCCGGAAGGCACCAAAAGGA ACCGAAAAAAAAAAACAAGGGAACCGGCCCCGGGAAGGGAGGAGAAACCT TAAGGCCAAGGGGGGCCAAGGTAAAGAAGGAGGAAAGGGAAGAAAAGAAG GAAAAGGGGGAAGGACAAGAGCAGGGGGGGGGGGGAAGGGGGGAATAGG GGAGAAAACCGAGGGGAAACGAGAAACCGGGGAAGGAAAAAAAAGGAAAA GGAGGGGAACAAGAAAAGCAAGAAAAGAGGAGAGGGGGAAGGAAAAGAAA GGCGAAGGAGGAAAAAGAGAGGAAAAAAGAGAAAAGAAAAAGAGAGGAAT AACCAACCGCACGAGAAGAAGGGGAGAGAAAAAAGGGGGAAAAAGGCCCC GAAAACGGGAAGGGAAGGAAAAGGGGAAAGAGAGAGAGAGCACAGGGGAA GAAAGGAAGAACGGAAAACCAAAAGGACCCGCGACCAGAGAAGGGGCAAA AGGGCCAACCGGGGCAAAAAAAGGAAGGCAGGCCGGAAGGGGGAGCAGG G G G GAGGCAAAAAGGAAAAAGGAAGGGGGGAAGAGGAGAGAAGGAGGAG CCAAGGAGAGGGGGAAGGGGAAGGGGAGACAGAAAAGGAACGAACAGGAA CCGAAGGGAGGGCAGAAGGGCCAAAAAAAAGGAACCAAAACCAAAAAAAA G G G GAA $\operatorname{l}$ G G G G G G G G G G G A A G G G G G G GAGAGAGGACAAGGGAGGGAAAA GAAGAAGGAGGGGAGAAGGGGAAAAAAAAAAAA的的GGAGGAGGGGGGAA G GAAGGAAAAGGAAAAAAGGAAAAGGGGAGGAGAGGAGGGGGGGAGAAG AATGAAGCCGAAAAGAGGGGGGACCAAGAAGCAGGAGGGCCAGCCGAAGA GAAGGGGGAAAAAAGAGCCAACCCCAAGAAGGGAAGGAAAAGACACCGAA GGGAGGAAAATGGAAGGGAAGGGGGAAGGGGGGGGGGAGCCCAGAAGAG CAAGGGGGAGAAGGGGGGAGAGGGGAAGGGACGAGGAAAAAGCAAGGGA GGGGGAAGGGAGGAAGGGGGGGAAAGGAAAGAAAAGGAGGAAGAGGGGG AAAAAAAAGGGGGACCAAGACCGGGGAAGGAGGAAGGGGGAAAAAAAGGA AAAGAAGGAAGGAAACTTGAATGGAAGGAAAAAAAAAAGGAAAAGGAGAG G GA GAGAAAAAAGGGGGGGGAGAACCAAAAAACCGGGGCCGGAACCGGGG TTAAGGGGCCAACCCCAACCGGGGGGAAAAAAGGCCGGAAAAAAGGGGGG AAAAGGAAGGCCCCAACCAAAAGGAAAAAAAAGGGGGGCCAAAAGGAAGG AAAAGGAAGGTTAACCGGCCGGAACCGGAAAAAAAAGGAAGGGGAAGGAA G GAA $\operatorname{l}$ GGGGGAAAACCGGGGGGGGGGGGAAAAGGAAAAGGGGGGAAGGG G G G A A G G AA G GAA G GAAGGGGGGAAGGAAGGAAAAGGAAAAAAGGCCCCA AAAAAGGAAAAAAGGAAGGAAAGAAGAGACATAAGGAACGGAAAACCCCA AACGGGGCAAAGAAACCAGAAAACCGGGGAGAAGAAGCCAGACGGCAAAA CGGAGGGAAAAGGAAAAGAGGGGAAAAGGAAAAGGAAGGGGAAGGGGAG GAACAGGGGAGACAGGAAAGACGGAAGGAAGGGGAGCCAGAAGAAAGGAT AAAAAGAGCCGGGGAGCAGGAGAAAAAAAAGGCCAGGAAGGAGGAAAGGG GGAAAACCGCAAGCGGAAGGGGGGGGAAGGAGAGAGCCGAAAAAGAAAGG AGAGGAGGGAAAGAGAAGCAGGGAAGACAGAGAGCAGGGGGGAACCCCCA AGGGAAAAGGAACAAGAAGAGGAGGGGGAAGGAGAAAGGAGAAAAAGAAA G GAGGGGGGAGGAACCCAGGCCGGGGACAAAAGGCCGGGAAGAAGAGAC CAAGGAAAAAAAAGAGGAGTTGGGAAAAAAAAACCAATAACGAGAGGAAA AAACCGGGGGACCGAAGAGAAGGAAGAATCCCCGAAGGGGGGGAAAGGGA GGAAAAACACACCGACCGGAGGACCAAGGGAGGAAGGGGGGAAAACCACA AGAAAGGCAGAATAGGGGGGGGGAAAAGGGAGGAGGAGAAAGAAACCGA GAAAGGGGGGGAGAAAGGGGGGGAGAAGAAAAAACCAAGGAAAACAAAGG G GCCAGGGACAAGGACGAGGAACCAAGGAGGAAGCAAAGATAGAAAAGAA GAGGGAAGAGCCAAAAACCGAGAGGGAAGGGGAAGGGGGGGGAAAATTA G GAGAGGAAAAGGAAGGGGGGAAGAAGAACCAAAAGGGAGAGGACGAGG AGGGAAGGGGAGAAAAGAAGGGCCATGAGAGAAAAGGAAAAGGGAAAAGA GAAGAACCCCAAAACCAAAGGGGAGGGGGGAGAGCAGGGGGGAAGAGAAA
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 AA $\operatorname{l}$ GGGCCAGGGGGGGGGCCGAGGGAAGAAAAAAGGGGGGAGGGCCTTC CGGAAGGAAGGCAGACCCCAGAGAGGAGGGGCCAACCAAGGAGGGGGGG GGTAAGCAGGGGAAAAAAAAAAGAAGGGAAAAGGAGGGAAGGTTAACACA AAAAGGAAAAAGAAGGAAGGACGGGAGGAGACAAGGAAAAAGCCCCAAAG AAAGGACCGGACAAAAGGACAAACAGGGGAAAGGCCGGAGGAGGGGGGGA CCGGGGGGGGGGAACCAAAGAGGAGACCGGCCGGAGCAGGGGGGAAAAC GCAAGAGAGGAAGCCAGGGAAGAAAGGAAGGAGAGGGGGGGGAGGAGAG GGGGAGAATTAAGGAACCGGAAAGACAGAGACAGAAGGGAGGAAAAGGGG GGAAGGGAAAGGCCGGAAAGAAAAGACCAAAGAAACAAGAAGAGAGGGAA GGGGGAGGCCGGCAGGAAGGGGGGAAAAAGAAGGAACCCAAACCGGAGA G G G G G C CAA $\operatorname{A}$ G G G G G G G G G G GAGGAGAAAGGGGGAGGGGAAGGAGGGAG

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AAAAAGGGAAAGGGGAAGGGGAAGGCCGGGGAACCAAGGGGAAACACAAC AGAAGAAGGAAGGAAAGAGAACAAGGAAAAAAAACCCCACAAGCAGGAAA G GAGAACAAGGGAGGCCAGAAAGGGAGAGGGGAGAGGGAGGGACCAAGA CCAGGGAACCGGAAAAACCAACGAAGCCGGAAAAAAGGAAAAACGGGGAA AACCAAAAAAAAAAAGGAGGAGAAAAGGGGCCAGGAAAGAGAGGGGAACC A GAAGGCCGAAGGGAGTTAGAGGAAGGACCGGGGAGAAAAGGAAAGAGCA GGCGACGAGAAGCAAGAAAAAAAAAAAAAAGAAAAACACCAAGGGGAAGG AGGGCAGGGGGAAAGAAAGAGGAGCCCAGAAGCCAAGGCCGGGGGACCAA G G AAAAAAGGGGAAAAAGGAAAGGAGGAGAGAGGAGCCGAAAGGAACAAG GGAAAAAGGGAAGAAAAGAAGAGAGAGGAACAGAGAGGAAAAGGCCCAGA GGGGAGACAAAAAAAAAAAAAACCACAAAAAAAAGGGGAGTAAAGGCCGG AGGAAAACGGGAGGAAGGAGGGCAGAGGGAAGAGAAAAGAGGAAAAGGG AGGAAAAAAAAGGGGAAGGAAAGGGGGAAAAGGGAAAGGGGGGAAGGAA AACCGGAAGGGGGGACGGAAGGGGAAATGAAAAAAAGGAACAGGGGAAAA GGGGAACAAGACAAGGCGGGAAGGGAGGGGCCAAGGACAGGAGGGGAAT AAGAGGAAGAGGAAAAAAGGGAAGACAATCAGAAGAGGAGGAGAAGGGAA GAAAAGGAAACGGGGGAACACAAAAGAAAAAAAAACCAAAAGAAAGGGGA AAAGGAAGGAAAAGGAAAAAAAAAAAGAAAAAGAGGGGAAAAAGAGGGGA AAAAGAGAGGAAAGGAAAGAGGGAAAGGGAAAAGGCCAAAAAAGGGGAAG AATGGGGGAGGGGAAGGAAAAAAGGAAAAGGGGAAGGGGGAACAGAAGA GAGGCCGGAGGGGAGAACCCTTAGAAGGGGAAAATTAAGGGGAAGGGGAA G G CCGGGGGGGGCCGGAAAAGGAAAACCGGAAGGGGAACCGGGGGGCCG G G G A A G A A A C CAA G G GGCAGGCCAACCAGCCAGGGGAGGGGGAGGAAACG AAAGGGGAAAAAGGAGAAAGAGGGGAAGAAGAAAAGGGGAAAGAAGGGGC CAAAAGAGGAGGGCCGGAAGGGAGGAAGGAAGGGAAAGGAAAGGAAGAG GGAAGGAACCAAAAGGAACACCCACAACAGGAAGGGGGGAAAGGAGACAA GGAAGACACGAAAAGACCAAGAAAAAGAAACCCCGGGGACAGCAAAAAAA AGGGAAACCAGGGGGGGGGGGGAAAAGGAAGAGGAAGGAGAAACGGGGG GAAGGAGCGGAAAGGAAAAGGCAAGAGAGGACCGAGAGAGGGGGGAGGG AAAGAAGAAAAGGGGAAAGGGGAACCAGACGAGGGGGGAAAGAAAGCCAG GAGACAGGAACCAGAAAGAGAACCAGGGCCAAAGGAAACAAGCCGGAACC G GAAGGAGAAGGCCAAAAAAGAACGGGAAGAGGGGGGGGGGAAAAAGGA A G G G G G ACCAAAAGGGAAAGAAGGGGGAAGAAAAAGGAAAGGGGGAGGG GAGGGGGAAAACACAACCGGAAAGAAGGACAAAAAAAAGGAAGAGAAAAA G G G GAAAAAACGAAGGCCCCAGACAAAAGGGAGGAGGGGAGAAGGGGAAA CCACGGCCGGAAAAGGAAGGGGAGCCGGGGAGGACCCACCAGGGAAGACA AAAAGGGACCACAGAGAGGAGAGGGACCGGGGAAGGAGGGCCGGGAAGA ACCGGGGAGGGGAGAAGAGAGAGAGGGGGCAAACATAAGGAGGGAGAAG GGAGAGCAAGGAAGCCCCGGCCGGCCGGAGGGGGAAAGGGGACAAAGGA GCCGGAAAAGGAACCAGAAGGAACCCCAAGGGAAGACCCAACAGAAAGGA AGGAAAAGGGAAGGGAGAGAAGGGGAAAAACGGAAAGAAGGAGAGGGAAA GAAAACAGGGGAAGGAAAGGGAAAAGGAGAAGGGGAGGAGAGGGGGGGG GGAAGAAGAAGGAAGAAGAAAAGGAAGAGAGAGGCCGGGAGGGAAGAAGA AA $\operatorname{A}$ GGGAGAGGGGGGGAGAGAAAGGGGGGGAGAGAGGAAGGAGGAAGAG GGGAAGGGGGGGGGGAAAAGAAACCAGGAAGGAAGCCAGGAAACCGGGG CCGGAGGAAGGGCGAGGGGGAAAGAACCGGGAGGAGAGGGCCAGAAGAA AGAGGGGAGGAGGAAGGCAAAAAAAGGAGCAGGAGGGAAAAGACCCCACG GCCCAACGGGGAACCAAGGGGTTGGGGAGGGAGAAAGGAAAAAGACAGGG AA $\operatorname{A}$ TTGAGGGAGGGGGGAGAGAGAAGGCAAGACAAGAGGGGCCGGAGGG AAAACCAAGGGGGGAAGGAAAAAAGGGGGGGGCCAAGGCCAAGGGGGGA AAACCAAGGCCCCCCAACCGAAACCAAAAAGAAAAGAGAGGGGAAAAGGG GCCGGGGAACCAAGGAGGGGGAAAGAGGGGGCCGGAACCGGGAAGGACC ACAGAAGGAAGGGACCAACCCCGGAAGAGGGAGGAGGGGGGAGGCCGGC AAAGGGGAAAAAACAAAGGAAGGCCAGAAGGAGCCAAGGGGCCAACCAGG G G G AAAAGGAACAGGACAGAAGACAGGGGGGGACAAAGGAGAAAAAAGGG G G G CCGGAAAAAAAAGGAAAAGGAGAAGGAGGAAGCCAAGAGAAGGGAAA AGAGGCCGGAAAGAAAAAGAAGGGAAAAGCAAAAAGGAGAAGGAGAAAAC CAGAGAAGACCAAGGCAAGAGCAGAACACAGGGAAGGAGAAGGGAAGAAA AGAGGGAGGGGACAGACGAAGGGGAGGAAGGAAAGAGGAAGGGGGGAGA G G G GCCAAAAGAGGGAGAGAGGAGGGGGAGGGGGGGGGGGGGAAGGGGG GAGAGGAAGGGAAGGAGGGAGAGAAGGAAGGGAAAGGAAGGGAGGAAAG

AGAGGAGAGGAAAAAGGAAGACAGGGCCAGCAGGGGAAAGACGGAGGAAA AAAAGAAAGAGGGGCAGACCCCAGAGAAAAAGAGGAGGAACACCAGAGGG G G GAACCCAAGGGGGGGGAGCAAGGGCAAGGGAAAAGAGGCCGAGAAAA GACGGAGGAGAGAGGAAGGAAAAAGGAAGGGAAAAGGGAAAGGAACCGG G GAAA G G GCCGGCCGAAAGGGGGGGGGGAGGAGGAAAAAGAACCAAGGG GAA G GACGGGGAGAAAAGGGGAAAAAAAAGAGGGGGGAAGGGGGGGGAA AAAAAAAAGGGGAAGGAAGGCCAGACAAGGCCCAGGACAGGAGGACAAGA GAGGGGGAAGAGGGGAGAGGGGGAGAACGGGAAAAAGGAAGGGGCAGGG GAAGGCCCCAAGGCCGGCCGGGGCCAAAAAAGGGGAAAAGGAAGCGGGAG AGAAGCAGGAGGGGGCCAAGAGGAAAAGGAGGAGAGGAAAGGGGAAGAA AA G G GACAGAAGGAGGAGGCAGAGAAAAGGGGAAGGGGAGAAGGGGAAA AA $\ln A \operatorname{GA} A \operatorname{AGAAAAGGGGGGAAGGAAAAAAAAGAGGAGGGGGAACAGGGAA}$ GGGAGAACGGGGGGATTAGGGAGAGAAAGAAACAGAGAAGATTGAAAAAA TAGAAAGGAAACCAAAAAAGGAAGAGGAAGGAGCAGGCCGGGGAGAAAGA GGGACAAAAGAACAACCAACAGGAAGGGAAAGGAAAAAACACAAGGGGGA AAAACCAAGAACCGAAAAGCAGGGGGGCCGACCGGGGAAGGGGAAAAAAA ACAGAGGAAAAGAAAAAGAGGGAAGAGGGCCAAGGTTGAACGAAGAGAAA GAGAAGGAAGGGACCGGAAAACCGGGAAAAAGGAAGGGGAAGGACAGAAG GGGAGAGAAAAGGCGCCGGGAGGAAGAGGAACACCAAGGAGAGAGGGAAA AAGAGAATTGGACGACAAAGAAAAAGGAAACGAGGGAAAGGAGAAAAAAA G G GAAAGGGGAGGGAAGAGGGGGCAGGGGCACCGAAAGGGGAACGATAC GAAGGGAAAAGAGGGAGGAAAGGGGAACGGAGAGAAAAAGCCAGAAAAGG AA $\operatorname{G} G \mathrm{G}$ GAAACGAAGGGGAGGAAGGGGGAGAAACCTTGAGAGGCCAAAAGG GACCAGAAGGGAAGAAGGGAACGAAAGGAAGGGACCAGAGAGGAAGGAGG CCAAAAAAGGGAAAAACAGGGGGAGGCCCAAGGACAGAGGAGGGAAGGAA G GCCGGAGGGCAGGGGGGGGGGCAAGGAGGAAAGGAGAAGGGGAGGGGG GGGAGAAGGAGAAGAAGGGGGAAAAGGCCAAGGAAGGAAGGAACCAAAAG GAAGGAAAACCCAGAGGGGGGGGGGAAAAAAGGGAGGGGAGAAAGAGAA CCGGAGGGAGGGGGAGAGGGGAAGAAGGGGACAAAGGGGGCCGGAGAAG GAGAGACAGGAGAAAGGAGGGAAAGACACGGAAGGAAGGACGAGGAAACA AACGGGGAAAAGGAAAAGCCAACCACCAGAGGGGAGACAGACAGGGGAAC CAAAAAAGGGGAAGGGGAAGGGAAGACAGAGCCGGGAAAGGGGAAAAGGC CAGAAGGGGGGAAAGAGAAACAACAAGGGAGAAAGACGAAGGGGAGGGGA GG GAA G GAACCGGAAAACGCCAGGGAAAAAGGAGGGGGGGGAGAGGGGA GAAGGAGGAAAGTAGAAAAAGGAGGAGAGAAGGAGGAAAAGGCCGGAAAA CAAAGGTTAGAAGAGGGGAAGGTTAAACCAAAGGAAGGAACAGGGAGAAG CAAGACAAACCAAAGGAGGGAAGGGGGAGAAGCCAGAGAGAAAAGGGAGG AA $\operatorname{G} G \mathrm{G}$ GAAAAAGAAGGGGAAAAAAAAGGAGAAGGCCGGCCAGGGGGGGG
 AGAGAGTAAAAAAGGGGAAGGGCAACAAGGGACCACGGAAGGCAAACCAA AAAAGGGGGGAAAACGAGCCAGGGAAGGACCACCAAGGAAAAGGAAGGCC G G G GAGGGCCAAGGGGGGGAAAGAGAGGACAGGGGGGAAGACGAAAGGG GCCAAAGGGGGAAGGAGGAAGGGGGAAAAGGAGAGAGCCGGGGAGAAAG AA $\operatorname{A}$ GGGGACAGGGGAAACGGGGGGGAGGGGAGGGCAAGAAGGGGAAGGA CGAGGAGAAGGGGAGAAGGCCAGAAGGGAAAGGAAAAGGAAGAGGGAAG AGGAAAAAAAAGGAACAGGAAGAAAGAGGGAGAAACGGAAGGAAGGAAAA TTGGGGAAAGAGAGGAAGAAAGAGGGAAACAAAAGGGGACGGGGGGAAAA G G G GCCGGAGCCAGAAACACAAAAGGGGGAGGGGGGGGGGAAGGGGGAG AGGGAAAGGGGGGAAGGGAAGAAAATTCCAGAAAAGGCCAGACAAAAAAA A G G G G G GAA G G A G G G G G G GCCGGGGAGTAGGAAAAGGAACCAAAAGGGG GAAAAAAGAAGGGAAAAGGGAGAGAAAGAGGACCAAGGAACCGACCAGGG AACCAAGGGGGGAACCGAGAAGGGGGAGAGGGGGCCAAAGAGAAAGGAG GACGACCAAGGAAGGAAAAGAGAGAAAGGACAGAGGGCCGGGAAACCGGA AGGTTAAAAAAGGAAGAGGAAGGAGAGGGAGGGGGGAGGGGAAAGGGAA AAAAGGGGGAAAAAAAGAAGAAGGGGGGAATTAAAGAGAAGACAGGGAAA GAGGGGAAAGAAAAGGGAAGGAAAAAGGAGCCAAAAGGGGCAGGAGCCGG ACAAAAGAGAAACCACAAGGGGAAAAGGGGGGAAAAAAAAAGACGGGGAA A GAA G GAAGGGAGAGAGGAAGGACGGAGGGGGAAGGGGAAGGAAAAACA GAGAGGGAGAGCCAAGACCCCAAGGAAAAGGGGCCAGGGGGAAAGAAAAG ACAGGAAGGACAAGGAAAAGGGGGGGGACGGGAAGAGAAGGAAAGGGCG AAAAGAGAGGCCGGAAAAGAACGAGGAACCACACAGACAGGGGAAGAAAG

G G G GAA GACCGGGGAAAAGAGGGAGAAAAGAAAGAGAAGGGGGGGAGGA AAAAGAGAAAAGGGGAACACAAACCAACCAACCAAGGGGAAGGGAGGGGA GAAGAGGAAAAGGCCACGGGAAAGAGGAGACAAGGAAAGGGACGGCAAGC AAAGGAAAGAAAAGGAGAAAAGGACAAGAAGAGGCATGGAAAAAATAAAA G G G G G G AA G G A GAGGAGAGATAAGGGGGGGGAAACGAGGGGGAAAAAGG

 AGAGGACCAAAAAAAAAAAAGGAAAGGAAACCCAGAGAAAAAAAGGAAGA AACCAAGGAGAAGGAAAACCGAACGGCCGAAAAGAAGAGAAAGAGGAAGG G GAA G GAACCGAGACAAGGGAAGAGGGGACGGACGGGGGGAAAACCGGA AAAAGAGAAAGGAGGCCAAGGAAAAAAAAGAGGAAGGGACCAGAGAACCA AAAGGAAGGGGGACAGAAAGACAGGGGGGAAAGAAAAGAGGGAAAAAGGA AGGGACAAAAAGAGGCAGGCCCCCCGAGAAGGAAAAGAAAAAGGGGGCAA AGGAAAAGGCCGGGGGAAGAACAAAAAAAAGGGGAAAAAGAAAGGAGGGG GGGAAAGGGAAAGGGAGCCAGGGAACCGGAAAAGGCCAAAAACGAGAAGG GGGGGAACGGACGGAGGGGGGAAAACCAAGACAAACCGGAAGGGGCCGG G GAAAAGAGGAGCAGGTTAGGGGGAGGGAGAGGGGCAGAAGAGGAGACG GAAA $A$ A G GAGGGGAAGGAGACAGAGACAAGGGGGGGGAAAAGGCCCCAG GGAGGAGGGAGGGAAAGGCCGGAGGAGAGAGAAGGGAGGGAGAACCAAA AACAGGGAAAGAAGGAGCCAAACGGAAGGGCGGATAAAAGAGGAGAAGGG GAGGAACCCAGGAGAAAGGAAGGCCGGAAAAGGGGGGGGGGAGGGAGCC GGAAAAAAGGAACCGGCCAAGGAAAAGGCCAAAAGAAAGGGGCCAACACC GGAAGGAAAAAACACCGAAGAAAGAAGGAGAAAAAAAAAAAAGAGAAGAA AAAAAAGGGGGGCCAACAGGAGAGAAACAAGAGAAAGGGGAAGAAGAACC AA $\operatorname{G} G \mathrm{G}$ GAGAGGAAAGAGGGGGGCCAGAAAAGGAAGGGGAAAGAGGGAAA AGAGAAGAAAGAAACAAGGGAAAAGAAAGAAAGAAGGCCAAACCCAACCA AGGGGGGCCAAAAAGAGAGAGAAAAAAGGCCGGGAAGGGAGGGGAAACAC CAAGAGGCCAGCAGAAGAAGACCAAAAGGAACAGGGGGGAGAAAGAAATG GAGAAAAAACCGGGGGGAACCGGGGGGACAAAACCAAAAAGGGAAAAAAG GAGGGGACCGGAGGCAAAAGAAAGGGGAAAGGGAGGAGAAAAAAAGACCA AAGAAACAACACCGGACAGAACCGGGAAGAGAAGGAAGGAAAAGGGGAAG AAGAAAAGAAGAAGAGAAGAAGGAGAACGCGAAGGGGGGAAAGAGAAAAA AGGCCACGAAACAAAAGGGGGGGGAGGGGATAAAAAACCGGGGGGAAACG GGGGACCGGGGGGGGCGAGAGAAAACAGGAACAAGACGAGGAGAGAAAG AAAGGAAAGACCAGACGAGGGGAACCGGAAAAGGAAGAAAGGAAACAGTA AGAAGGAAAGAAAAAAAGGAAGCAGGGAAAGGAAGGGGAAAAGAGAAAGG AA G G GACAGGGGGGGAACAAAAAGAAAAGGGAAGAGGGAGACAGAAAGAA GGAAAAAACCACGAAAAAAGGGAAAAAGAAAACCCCGGAAAAAAGGAGAG GAAACCAAAGAAGAAATAAAAGAAGGCCGGCCAAGGGGGGAAAAGGAAAA CAGAGACAAGGAAGGGAAAAAAAAGGACGGAAGGAAAAGGGGGGGGAGAA GGGAGCAAGGAAGACGAGGAGAAGAGAAAGCAAAACAGACGGACAACCAA GGAAGGAAGGCCAAAAGGGGAAGGAAGGGGGGGGCCAAAAGGGGGGAAG GAACCAAGGAAAAAAGGCCGGCCGGAAGGAAAAGGAAGGGGGGAAGGGGA AAAAAGGGGGGGGGGGGAAAAGGGGAAAAAAGGGGAAAACCAATTAACCG GTTAAAAGGGGCCGGGGAAGGAAGGAGCAAGACAAGAGGAAGAGGGGGG CAGCGGCAGGTTCCGGGAGAGGCCAAGAAACCGGGGAGGAGGAGCCGAGA GGGGCCGGGAGGAGAGGGAGAAAGAAAAAGGGACGGGAAGAAAGACGAA AGAAGAGACCCAAGGAAGGAGAAAAGGGAAGCATAAGGGAGAAGGGGAGA AAA A A A G G G G G GAAGGGGGGAGAGGGGAAGAAAGGGGAGAAGGAGGCGG AGGGAAAAAGAGCAAAAGGGAAGGGGGAGAGGAAAAAGAGGGAAAAGGCC G G G GAAACACGGGAGGAAAAAACAAGGGAAGGAAGGGGAACCGAACGGAG AA GAGAAAAAACGAGGAAGGCAAGGGCAGGGGAATTAGAGGAGGCACCAA AA G G G GAAGAGGGACCGAAAAAGGCCGGAGGGAAGAAAGGGACAGGGAAC AACCAAAAAAAAAACCGGAAAAAGGAGAGGAAGGAAGGGGGGAAGGGGAA GGAAGAAAGGGGGGAAGGGGGAGAAAAGGGAAGAACAGGGAAGAGGGGG AACGGAAGAAAAAAAGACCAAAAAAGGGGAGGAACGACAAGAGGAGAGAA GCAGAGGGGTTAGACAAGGCCGAAGGAAGAAGGAATTGGGGCAGAAGGAC AA G GAAAGGGGGAAGGACCGAAAGGAAAGCCCCAAAAGGGGAAGGGGGGA AGGGGAAAAGGAAGGGGCCGGCCAAGGCCAAAAGGCCAAAAGGGGGGAAG G G GCCGGGGGGGGAAAAAAAAAAAACCGGAAAAGGAAGGGGGGGGAAGG AAAAGGGGGGAAAAAAAAAAGGGGAAAAAAAACCAAGGGGGGAAAAGGGG

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 G G A G GA $\operatorname{l}$ GAGGGGGGGAAACCAAGGGGGGAGGGAGAGAGAAGAAAAGAA CCGGGGACTTCGGGGGGGAGAAGGGGAAAGAGGAAGAAGGAACAAAAGAC AAAAGAGGAAGACGAAGGGGGGGAGGAGAAGGGGGAGGAAGGGAGAGGG GGGAAGGCAAGAAAGGGGCGGGGGAAGAGGGGGAAGGCCAAAGGACCGG AAAAAAGGGAAAAGAAGGAGAAAATTTAAGGGGAACAAGGGGAGAGAGAA GGAGGGGGAACCAAGAAGAAAAGGAGCCGAGGAAAAAACCCACCGAGAAG AAGGCATTAGCAATGGGCAACCGGGGGGGAGAGGAAAGAAGAGGAAAAGA GAGGGAAGGGAAGGAAGGAAGGGGGGGGCAGGAACCGGCCAAGGAAAGC AA $A$ AAGAAGAGGGAAGGGAAAAGGGAGAAGGGGAAAGGGAAGACCGGAA GATTGGGGAAGGGGAAGGAAAAAGAAGGAAGGAGAGGGAAGGAAAAGGA GAGGGAA G GAAAAGGCCCGAGAACAGAGGGGGGGGGGGGGCGGAAAGGG GACCGCCCGAAGGAAGAACCAAAAGGAAGGCCAAAAGACCCAGAAAAAAA AA G GAAGGGGAAGGGGAAGGGGCCGAGGAAAAAAGGGGGGGGAAAAAAG GGGAAAAGGAAGAGAAAAGAAAGAGGAGGGGAAAAAAAAAGGGGGAAAAG GAAACCAAGAAGGAAAAAACCACAAACGGAAGGAGAAGGGAGAAAAGGGA AGGACGGCCGAGAGAAAAAGGGGAGAGGGGGCCAAAGAAACGGAAAGGGA AAACCCAAGCCGGAGGGGGAACCGAAACCGGGGGGGGAAGGAGGAAGAGC GAAAACAGAGAGAGGGAAACAAAAAGGAACCAGGGAGTTGGGAGAGAGGC CAAGGAAAAGAAGAAACGAAAGGGGGAGGAAAGGAGGCAAAAAAGGGGGA AGGACAAAGAAGAGGAAGAAGAAAAAGGAGAAAGAAGAAGGAAAGCAAGG GCAAACAGATAAAAAAAAGAAGGAGGCGGGGGGAACCGAAAAAAAAAGGA ATTAAAAGGAAAGGACAAAAGCCAGGGGGGGGGAGAAGGGGGGGGGGAA GGAAAACCGGGGACTAAAGAAAAAAAGGAAGGAAAAAAGGAAGGAAAAGA AACCAAGGAAGACCAGGGAAGGCCACAGGGAAAGAGGAAGAGGGGAGGAA AAAAGACCAAAGAAAGGGAGGAAGCCACAAGAAGCCGGTTAAAAGGGGGG GGGGCAACGGGAAGAGACAAGGCCAAAGGGAGGAAGAAAAAAGCAAAGGG AAGCGAACAAACACAGAACCTAGGGGAAGGGAGAGGAAGGGGAATTAAAA G G G G G GA G GAA G G G G G CCGGGACGAAAAGGAGGGAAGGCCGGGGGGAA GAAGAGAGAGGGGGGAAGGGGGAAAACAGCCAAGAGGGGAGGAAAATAAC CGGAAAACCGGAAGGGGCAGGGGAAGGCCAAGGAAGGAAAAAAGAAAAAT TGGGGGGAAGGCCGGAAAGAAGGAGAACCGGGAAAAAGGGGAAGGAAAG A G G G G G C CAAAAAGAAGAGGGGAAGGGGAAGGAAACAACAGGGAGAGGAA G G G A G GAACCAAGGAACACCGAGGAAAAGGGAGAAGCAAGGAACGAGAGA AAAAGACAAAGGGGAAGAAACCAAACGGCAAAGGAAAGAGGAAGAAGGGG AAA $A$ AGGAACAGGAGGAAAAAGAAGGGGGAACAGGGGGGGACGAAGAGG G G G G G A GAGGGGAGGGAAAAGGGAGAAAAGGGGCCCCCCAGGGGAAGAG AAAAGGGGAAGGGGAGGGGGAAGGGGAGGGAGGGAAGGGGGGGGGGGAA AGGAAGGGGCCAAGGGGAAGGCCGGCCAAAAGGGGCCGATTAAGAACTAA GGAAGGGGGGGCCGGAGAGAGGGAGCCAAGGAAAGAGGGAAGGGAGGAA

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G G G G G G G G A A G G G G G G A A A GCAGGGAGGGGCCCCACGAGGCCAGAGGGA GCCAAGAGGGAGAAGAAGAACGGAGAACCAAGGAAAAGGAACCGAAGAGA AAACCGGGGGGGGAAAGACGGAGGGAGAGAGGGGGGGGGAGAAGGGGGG CCAAGGAAGGCCAAGAAAGGGGCCGGAGGGAAAGATAGAAGGGGGGAAG GGGAAACCGAAAGGGAGAAGAAAAAAAAGAACAAGGGGACCAACCAAGAG G G G A GA GACGGAACCCCAGGAAGGAAGCAAAGGGGGGGGAAGGTTAAGG G G G GAA G GAAAAGGGGGGTTGGGGAAACAGGGGAGGGGAAAGAAGGAGA A G G G G G A G G A G A G A A G G G A G G A A G G GAGGAGGGAACAGGGACCGCGGAG
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AAAGGGAGGAGAGGGGAAGGAGGACAGAGGAGAGGGCAAAAAAGGGGGG GAAAGGGGAAACAGCCGGAAAAAAAAAGGGGACCGGGAGGGGTTGGCCGG AGGGGGGAGAAGAAACCAGGGAAAAGAGAGAAAAGGAGGAGGGCGGAACC GGAACAGAGGACAACCAAAAAAAAAAGGAGAAGGAGAAGAGGGAGGAAGG CCCAGGGGGGAAAGGAAGAAAAAGAGAGCAGGGGCCGAAAAAGAAAGGGA GAGGCCAAAAGGAAGAAAGGAGGGGGAGGAAAAGAGGGAACAAAAGACGG G G G G G GAAGGAAAAAAAAAAGGCCAAAGAACAGGAACACCAGGGGAGAAA AAAAAAGGTTAGGGACACGGGGGAGAAAAAAAGAGGAGAAAGGAGGGGAA GAAAAAAAGGCCGGAAGGAGAAAGGAAAAGAAGAAAGGCCAAGGAGGGAG GAGGAAAGCGGACCCCACCCGGGACAAACAGGGAAAGACGGGGGTTGGCC AACCAGCCAAAAAGGGGGAAAGGGGGAGGAGGAAGAGGGAGGAGAAAGA GAGAAAAAAAGGGAGGGGAAAGGGAGGGGAAAGGGATGAAAGACAGAAGC CAAAGAAGGGGAGAAGGGGGGACGGCCAAGGACAGAGGGAGAGAGAGGA AAAAAGAAAACCTAAGAAGAGGAGGAGGAAAAGGGAAAGGAAGGCCGGCC GAAGAAGAGGGGGAAAAGAAAAGGGGGGAAAAAAAAGGCCGGGGGAAGA GGACCAGAGACGAAAACAGATAGAAGGGGAACCCAGGGGCCCCAACCGGG GAGGGGGGAGGAGAAAAGGAAGCAAGAGGAATTCCGGGAGGAACAGAGG AA G GAGGGCACAGAGGAAGGAGCCAAGAGGGAAACACCAAAAAAACAGGG GGAAGGCCAAGAAAAAAAGGAAGGGGAAAAAGGGGGGGAAGAGGGGAACA AAAACAGGGGAGGGCAGAGAGAGAGAAGGAGAGGAGAACAAAGGCCAAAA ACAAGGGGCACGAGAAAAGGAAGGGGAAAAAGGGAAGGGGAGAGAGGGA A G G AA G GAAAAAGCCAAAAGGGGTTGGCCAAGGGAAACCCCAGGAAAGGC CGGAAAAAAGGCCCCAGAGCACCAGCCCCGGGGAAGGAAGAAAGGGGGGA A G G G G G G G GAGATAAAGAGCAAGAAGGAGAAGGAGAAAGAAGGAGGAGG GAAAAGGGGGAAGGGAGGAAGGAAGGGGAAAAAGGGAGGGAAAAAAAAAA AGGAGGCAGAGGGGGACCGGCCGGAAAACACCCCGGGGGGAAGCGGGGG GAACAAGGGGGGGGGGGGGAAAAAACAGAGGGGAGAAAGAGGAGGAAGG AAAAAGCCGGAAGGGGAAGAGAAGAGGGAAACGGAAAGAGGAGGAAAGCC GGGAAATTGAAGGAGGAAGGAGGGAAAAGGAAGGAAAGAGACAGAAAGGG AA G G G GAAGGAAGAGGGGGGGGAAGGAAGGGGAAGGGGAAGGAAGGAAG GCCAAGGAAAAGGGGAACCAAGGAACCGGGGAAAACCGGAAACAAGAGGA AAAAACCAAGAAGGAAGGAGGGGAAGGCCGGACGGCCAAGGAGAAGGCCG G G GAAAAAAAAAAAGAGGGAGGGGGAAGGGGAAGGGGGGAAGGGGGGAG G G A GAA GACCAAAGGGGGAAAACCGGCCAAAACCGGGGAGAGGAACGAAA G G G GCCGGCAACGAGGGGCCGGAGAGGGGGAGGAGGGACCAGGGACGGG GAAAAGGAAGGGGGAGGGAGGACAAAAGGCCGGGGAACCAAAAGGAAGAA G GAGGCCGAAGAGAGGAGAAACAGGGAGGAAAGAAAGCACCGACAGGCCA AA GAGAAAGGGCCGACCAACGGACAGAAAAAAAAAAAGGGAACGGAGGGG GGAGGGGAAGGGGCCAGGGGAGGGGGACCCCGGGACCGAGAAGAATTAA CCGGGGGGAAAAAAGGACGGGGAAAGCCCAAAAAAAAGAGAGAAGAAAAG AACCGGGGCCAAGGAAAGAAAAAAAACCGAGGGGGGAGAAGGGGGGGGAA GGCCGAAAAAAAGGGGGAGGGGCAGACCAAGAGGAAAAAACAAAAGGGGG AAGGGGGACCAAAGAGGGAAAGAGAAGGGACCAAGGGGGGACGAGAACG GGAGGAGAAAAGGCGGGGGCAAGAGAAGGCCAACCAAGGGGGGAGGGAG ACGAAAAAGAAGAAGAAGAAGGGGGGACATCCGGAAAAAAAGGGGGAGGA AAAAGGAAGAAGAGGAACAGGGAAAGCGGGGAGGGACAAAAAGGGGGGG G G G G G GAGAAAAAAGAAAGGGAAGGGGAAAAAAAGACACAAGGGACCGAG AGAAGAGGGAAAAGACCAAGGGGAAAAAAGGGGGGGGGGACGAACGGAAA GACAGGAAAGGGGACCCGGGGGGAACCAGGGAAGGGGGAAGCCGAAAAA
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G G G G G GCCGGAGAGCCCAAGAAGGAAGGAACAGAAGGGGGGGGGGGGGG AGAAGGGAAACAAAAGGGAGGGGAAAAGGGAACAACCGAGAAAGGAGAAG GAGAGAAGAAGACAGAGAAAGAAGGGGAGGGAAAAAAGGGGGGAAGGGA AAAAAGGAGAAGGGGGACGGAAGGAGGGGAGGTTAACCAAGGCCGGAACC A GAGAAGAGAAAAAGGGGGGGGGGAAAAGGGGGGAACCAGACAAAGGAG G G G AACAAAGGCAGAAAGGGGCCGAAAGGGGGGGAAAAAGGAGAAGGAG G G AC GAAAAAAAAAAAGGGGGGAAGGAAGGGAGGGGGGGGAGGAAAGAA GAAGGGGGGAAAAAAGGAAGACCCCAAAAACAGAAAGCCCCGGAAGAAAC CAAGGGAGGGGAGGGAGACAAGAGGGGAGGAGGCCAAGACAGACCGGAA CAAGCCGGGGGAAAGAACGGGGGAAGACAGAAGGGGAAGGGAGAGGACA AGGGGGGAGGAGGAGGGGGAAAGAAAGGAGGGGAGGAGGAAAAAGGGAA AGAAAAAGTTGAAAAGAGCCGGGGGGGAAAGGAAAGCCGGGGAAAACCGG AAAAGGAAAACACGGAAAAAGGTTGGGGGGGGAGCCGGCAAAAAAGCCGG CCCACCGAGAAGGGGGGAAGGGAGCAAAAAGAGGGGAAGAGAGGAAGGA GACAAGGCAAGGAGGAAAAAAAAGGGGAAAAATGGAGGGGGAGAAAAAGC AAAAGCAAACAGGAGCAGAGGAAGGGGCCGGGGAACAAAAAAAGGGGGAG GAGAAAGAGGGAGGGGGAAAAAAAAAACCAAGGGGCCAACACCGGAAGGG GAAAAGGAAGGAGACAAGGAGAGAGAAAAAAAAGGAAGAGGAAGAAAAGC CAGAAGGAAGAAGCGAAAAAGGGAAGGAGGGAAAGAGCACCAAGGAAGGA CAAACGGCCGGGGAAAAAGAACCAAGGGGGGAGATGAGGAAAGCAGAAAA C GAA G G GAAGGAAAAAAAAAAAAAAGGGGGGGAAGGAGAAAACGAAAGGA A G GAAA G G GAGGGCAAAGAAGAACAAGAAAACCGGGGGGACCCAGAGAGG GACAGGGGAAGGAAAAGAAAGGAAAAAACGGCCAGGACCAGGGGGCAAAG GGGAAGAAGGAGGAGAGAATTAAAAGAGGCCGAGGGGCCGGGGGGCCGG CAAGGAGAGGAACCGGAAAAAAGGAGAAAAGGGGAGAGAAGCGGAAAAGG AGAGGGAAGGGGAAAAAAAAAGAAGCAAGGCACACAAGGGGGAAAAGGAA GGAAAAGGGGACGGAATTGAAAAAAAAAGGGAACAAAAAAAAAAAAAAAG AGGGCAAAGGGAAAAGCCAAAGGAAAGGACGCAGAAAACCGGGGAACAGG AGAAGGCCCAAGCAGGCCACGGGGAGGGGAGGCCAAAGAAGAGGAACAAG AAGGAGGGAGGGGAAGCCAAGGGGCCCCAACCGGGAAAGGAAAAAGCCGG AGGGCCAAGGACGGGAAAAGGGGAGAGGCCGGAAAAACCAAGGGAGGGA G GACCCAGGGACCCCAAACGGGAAAAAGGGGGGAAGGGGAAAGGGGAGAC AGAGGAGGGAAGGCCGAAAAACGGGAAAAGGGGAAAGCAAAAGGAGAAAC CAAGGAACCGGAAAAAAGGGAGAGGAGACGGAGAGGCGGGGGGGGGGAG AATTAGAAGGGGAGAGAACCCGAGGAAGGAGGGGGAACAGAGGGGGGGC CCACCAAGGAAAAGAAGAAGGGGGGAGAAGGAAAAAAGGGAGACAAGGGA G GAAAATAAGGCCAAAAGGAGGGAAGGAAAAAAGGAACCAAGAGGGGGAA GAGAAGAGGGGAAGAAGGGAAAAGGAAGGAAAGGAAAAAAAGGAACCGAA GAGAGAAGAACCCAAGGCCGAGGTTGAAAAAAAAAACAGAAGGGAAACAA AGGGAAAAGGAGGGGAAAAGGAAAGAAACAGAGACCAGAGAGAAGGGGGA CAAGGAAGAAGAAAAGGAAAGAGAGAGAACCAAGAAAGGCACGAGGGAAA AGGAGAGAAGGAAGGGGAGAGGAAAAGCAGGGAGGAACACCGGACAGAG GAGAGAGAAAAAGAGGCAAGACAAAAGGGAGAAGGAGGGGAGACGGAAAA ACAGAGAGAAGAGGGGCCAGGGAAGGAGAAGGGGAGGGAGACGGGGAGA AGGAGGGCAAGAGAAAAAAGGAAGGGGGAGGAGAGAAACAAGAGAAAAAG GGGGGCCAACCAGAGGGGGGGAGGGGGCAAAAAGGAAGGCCAAGGGAAG AAGGAAGACAAAAAGGGGAAGACCCCAAGAAAAGAGAACCGACCGGGGAA GGGAGGAAGGGAGGAACAAAAAACGGCCGGGGAAAAAAAAGGAAGGAAAA GGAAAAAGCAAGAGAGAAAGAGAAAGAATTGAAAGAACAAGGGGAAAGAA GAAGAACCAAGAAAGGAAGGGGAGGGCCGGACGAAACCAAAAAGGAAGGA GAGGGGGGCAAAGAAAAGGAAAAGAGACAAAGAGAGAAAGAAGGGGGGAA GGGGACGGAAAAAGGAGGAGAAACGAAGAGGACAGGAGGGAAGAAAAG $28135000-9$ AA GGGGACGGAGAGAGAAGGGGGAAAAAGGGGCAAAAGAAGC CCCCAAGGGGGGCAGGAAGGGAGGCCAAAAGGAACCAAAAGGGGAAAAGG AACCGGGGGAAGACAGAGCCGGGGGAAGCCAAGGAAAGAGAAGAAGAGGG G GCCGGAGAAGGGAGGAACAAAGAAAGGAAGGCCAGAGCCGGGGAAAAAA AA GGGAGAAACCAAACGGACAAGGGAAAGGGGGAAAGGAGAGACGGCCGG AA $\operatorname{l}$ GGGGAGGGGGGGGGGAGGGGAGAAGAGGCAATTGGAAGGAAAAAAA AGGAACCAGAAAAGAGGAACCGGGGGGCAGGAAGGAAAAAAAAAAAAAAA AAAGGAAAGGAGGCCAGCCAGAGGGGGAAAAAAAGAACCAAAAGAGGAAA GAAGGGGCCAACCAGGAAAGGAAGGAACCGGCAACCCAGGGAAGGGGTAG

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GAGGGGGAAAAAAAGAAGGGAGGACGGGGGGCCGGAGGGAAGGCCGGGG G G G GAA G G A A T TAAAAGGGGGGCCGGAAGGAAGGGGGGGGAAAACCCCG G G G G G G G G G G G A G G G G G A A G GCCAAGGGGCCCCGGAAGACCGGGAAGGG ACGGAGAAAAAGGGGAGACCCCAGGGAGAGACAACCAACAAAGGGGAACC G G G G A G G G G G A G G G CACAGGGGAAAAGAGGGAAGGGGGGGGGACAAGAA GACACGGGAAGGAAGCCCCGGAGGGAAAGGAGGAGAAGGAAGGAGAGAG G G G GCAA GCCGGGGAGGGAAAAAACCGGCCAAGGGGAACCAGGGGGGGG AAAGGAGGGACGGGGGGGGAACCAGGGCCGGAGAAGGGGAAAGAGGGCC A G G A G GCAACAGGGGGGGGGGAGGGGGGGGGGGGAAAAAAAGAAAAAAA AGAAGAGAAAGACGGAGGGGGAGGAGAAAAGAAGACCAAAAAAGACCGGA AAAAAGGGGAGGGACAAAAGGAGAACCAAAAAGGGAGAAAAGAGGAGGGA GGGAGGGAGGGAGTTAGGGACGGGAAGAACCAAGGAGAGCAGACAAGGG AAAGGGGGAAGAAAAAGAGGAGGGCAGGGGTAAAGGGGGGAGGGGCAAG GGGAGGGCCAGAAGGAGAGCAAGAAACCCGGAGAGGGAAACAGAAGGAAA AGGGAGGGGGGGAGGAAGGGGAGAAGGAAAAGGAAAAAAGAGGGGAAGG GAAAGAGAGAGAAAGGAAGGAAGAGGAAAAGGGGCCAGGGAGAAAGGGG GAAGAACGAGCAGAGAGAAAAAAAGAGAGCCAAGGCCGAAAGAAAAGAAA AAAGAACAGGGAGGGAAAGGGCAGACAGAAAGGGGAAAGAAAAATACAGA GCAAGGGGAAAGAGAGAAGAGAACGAAAACCGGGGAGAGGGCAACAAGAA CAAAAGGAAAACCAGCAGGAAAAGGTACCAGAGAAGGAAAGAAGAAAGGA AAAAAGGCCCCAACCAAGGCCAAAAGGCCAAAAGGGGGGGGAAAAAACCC CAAAAAAGGGGGGCCGGCCCCGGGGAAAAGGAAAAGGAAAAGGAAGGAAA AGGAAAAAAGGAACCAAGGGGAAAAAAGGAAAACCGGAAAAGGGGAAAAG GAAAACCAAAACCAAAACCAACCAAAAAAGGAAGGAAGGGGAAGGCCAAA AAAGGAAAAGGGGAACCAAGGAAAAAACCAACCCCGGCCAAGGGGAAGGA AGGAAGGGGAAAAAAAAAACCCCAAGGAAGGAAGGGGAAAAGGAAGGGGA AGGAAGGAACCGGGGAAGGGGGGGGCCAAGGAAGGGGAAAAGGAAAACC AAGGAAAAGGAAAAAAAAAAAAAACCCCAAAAAAGGAAGGGGGGAAAAGG GGAAGGGGGGGGAAGGAATTGGGGAAAAAAAAAAGGAAAACCGAAAGAAG GGGGAATTAAAAAAGGAACACCAGAGCCACCAAAACGGAAGGAAGAGGGG AAAGGGCGGGGGCAAAAAAAAACCAGAACAAAGGGGGAGGGGGAGGAGAG AGGGCCGGAAAAGAAGGAAGAGAGAGGGGGGGAGCGGGAAGAGGAGAGA CGGGACCAAAAACGAGGCCACGGAGAACCGAAGAGGGAAGGGCGGGGGAA GAGAAAGCAGGGGGGCCAAGGAGAAAAGGAACCAAGGAGCCGGGGGGAA GAAAAAAGAGACGAAGAGAATAAACCAGAACAAGCAGGGAAAGGCGCAGG AACACAAAGAGGAAAGAGAGGAGAAACCCCCCAACCAAGGAAGAGGGAAG GGAAAAGGAAGGGAAACCAACCAAAGACGGGAGACCAGAGAACAGGGAAG ACGGAAGAGAAAGGAAGGACGGAACCAAGGAAGACCGGGGAACCAAAAGA CCTAGAAAAAGAGGAGAAAAAAAGAAGAGGAAGGGAAAAGATCCAAAAGG GGAAAACCAAAAGGAAGGAAGGGGAAAAAAAAAAAAAACCGGAAAAGGAA G G G G G G A A AAAACCGGGGGGTTAAAAAAGGCCAAAAGGAACCAAGGGGAA AAAAGGGGGGCCAAAAGGCCAAAAGGAAAACCAAAAAAAAGGAAAAAAGG GGCCGGGGGGGGCCGGAAAAAAAAGGGGGGGGGGAAAAAAAAGGAAGGG GGGAAAAAAGGGGAAGGCCAAAACCAAAAAAAACCGGCCAAGGAAAAAAG G G G A A G G G G G G C CAAAAGGAAGGGGGGAAAAGGAAAAAAAGGGGGAATT GGAAACGGGGGGGAACGGGGGAAGAGCCACGGAAAAAAAAAACCGGGGG GGAGAGGAGCCGGGGGACAAGGAACAAGGAAAGGGGAAGGGAGGGAAAA AAGGAAAAGGGGAGAAAGGGAACACCAAAAGACAGGAAAACCAATAAAAA CCGGGGAAGGCCGACAAGCCAAACGGAAAGGGGGAGGGGGAAGGAACCG GAATTGGAAAAGGGGGGGGAAGGAAAAAAAGCAAAGGGAGAGAAAACGGA GAGAATTAGAGGAGGGGCCAACCCCGGAGACGGAAAGTAGGGGGAAAAGG GGCAGGGGGAAAAGGGGGGGAAAGGAAAAGGAAGGGGGAACAAAGGAGA AAAAGGAAGGGGAAAAGGAAAGGGGAAAGAAGAAGATAAGAACAAAGAGA CCGAAGAGGAGGAAGAAGGAAAGGGGGGGGGGCCGGAAAAGGAAGGGGG G G GAACCGGGGGGAAAAGGGGAAAAAAAAAAGGGGAGAAAAAAAAGGTTA A G G G G A A A A G G G G G G G G A A A GAGAAACCAACAGGGGGGGCCCCGGGGGG A G G A G A ACGGAGGGGGAAGGGGCCAGGAGAAGGGGAAAAAGAGAAAAGG A G G A A G G G G G GAAGGAGCAGAAAAGGAAAGGAGAAGGGGAAGGAAAAGG GGAGGAAAAAAAGAAAAGAACCGAGGAAAATTAAGGAAGGAAGGAAAAAG AAAAGGGGGGTTAGAAAAGGGGGGGGAACCAAAAGGCCGAGGGAAAAAGG G GAAACGGGGGGAGGGGAAAGGAAGGGAGACGAACCAAAAAAAAAAAAAC

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GAAAGGGAAGGGGCCGGCCGGAAGGAACCAAAAGACAGGGGGGGGAGCC G GA $\operatorname{l}$ GAA $\operatorname{A}$ G GAGGGAGGGAAAGAGAGGGGGGGGGCCGGGGAAGGGGAGA GAGAGAGGAGAGGAGAGGAGGAAGGGAGAGGTTAAAAAAGGGGAGAAAA AA $\operatorname{A}$ GGGAGGGGAGGACGACCCCAAGAAGGGGGAACCGGGGGGGGAAGGG G G ACCGGGGAAGGAAGGAAGAAAAGGGAACCGGAACCGGGGGAAGGAGG AA $\operatorname{l}$ GGACCGGCCGGGAGGCAAAAAGAGAAGCAAAGAGGGGAAAAGGAGGG AAACGAAAAGCCGAGAGGGGAGGGGGCACCAAAAAACAGGGGGGGGGAGA TAAGGAGGGGGGGGAAAGGGGAAAGGAAGGGGAGGAGGAAAAAAAAAAA AACAGAAAAGGGGGAGAACGGAAGGAAAAAAGGGGGGCCAGGGGGGGGG AAGAGAGGCAAAGAAAAGAAAAACACGGGGGGGGGGGGAAAAAGACACAA AGGGAAAAAGAGCAGGCAAGAAGGGGAGAGAGGAGGCAGAGGAAAAAAAT AAAGAGAAGGATGAGGGGCCGGAGGGGCAGAAGAGGAGGAAGGGGGGGA AAAAAGGAAAAAGGAAAACGGAGGGAGGAAGAGGGGAGAGGGAAGGAGG GAAGAAGGAAAACCAACCGGAAACAAAGGGAGAGGGCCAAAAGAAAGAGG GGCCGGGGAGGAGAGAAGAAAAGGAGGGAAGGAGAGGGGGAAGGATACG
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G G G G G G G G A G G G G G G A A G GCCAAGGGGAAAAAAAACAAGGGGGAAGGGA AGAAGGCCGAGGAGGGGAGACCACAAGGGGAAGGAGCCCCAGGGAAAAAG AAAAAGGGGAGAAAGGGGAAGGAACCGGAGGGCCACAACCCCCCAAGGAA AAGGAAGGAAGAAAAAAGGGAAGGGGGGCCAAGAGGCAGGAGAACCCCGG GGAACCGGAGGGGGAAAAAAGGCCAGGGAAGAAAAAAGGGGGGGGGGGA AAAATCCAAGGAAGGAAGGACAAAGGGCCGGAGGGCCAGGGGGAAGGAAA AGGAAAAAGAAGAAGGGGGAAGGCCAGCCAAGGAAAGAAGGAAGAGGGGG GAGGAGGAGGGAAAAGGAAGAAGAAGGAAAGGGAAGAGAAAGAGGGAAG A G G G GAA $\operatorname{A}$ GGAAAAGCAAGAGAGGGGGGGGGAAAGGAGGGAGGAAGGAG G G GCCAAAAAGAGGAGAGGGGGGGACCAGCAGAAAACCGAGAAGGAAGGA GAGGCGAGCAAGGGGAAGGGGAAAAAAGGGACCAAAAAGGGGGACGAGG GACCAACCCAGAGGCAACGGAAAGGGAGCCCCGGCCAAAAGGACGAGGAA GGGAAAGGGGGAGGGAAAAGGGGAAAAAGGAAGGAAAGGGAGAAGAAGG GCAGGAGAGAAGGAAAGAGGGGGAGGAGAAAAAAGGGACAGAAAGAGAG GGCCGGACAGGGCCAAGAAAGGAAGGAAGGAAGAAAGGGAGAAGAGCCAA AGGGGGAGAGAGAGAAGAAAAGAGGGAATTGGACCCGGACGAAAGGGGAA AA $\operatorname{H} \operatorname{GAG} \mathrm{A}$ GGGAGGAGGAAACAGGGAGAAGGAAGGGAAAGGAGGACAGGG G G GAACAGGCCGGGGGAGGGAGAAAGGGGGGCCCAAAGGGGGACCAAAA G G GAGGCCAAAGAAGAAGAAAGGGGGAGGGAGAAGGAGAAGAAGCCACAA AGGGGGGGGAAAGGGGCCACAAAAAAGGATGGGGGAACGAAGGGAAAGA AAAGGAAGGAAGGCACCAGGAAAAGGGGCAGGGGGAAGGGGAAAAACGAG
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 G GAGGGGGAAGGGGAGAGCCAGGAGGACAGGGGCAAAAACGAAGGAAAC ACCGGGGAGAACCGACAAGAAGGAGGGGGGGAAGGAAGGCCGAAGGGGG AGGAAAGAAGGCAAGGAAGGGAAAGGAGGGGAGGGAAGCCAAAGGGCCAA G G A G G G AA G G AAAAAAAGAAAAAACAAAAAAGCCGGGGGGGAGGAAGGGG GGAAAGAATAAGAAAAAGGGAAGGAGGAAAGGGGAGAGAAAAAAAGGGAA GGAGAAACCAAAGGCAGGGAAGAAAACCAAGGGGGGCCGGGGAAGGGGG GAAAAGGCCGGAAGGAAAAAAGGGGGGAAGGGGCCGGAAGGAAAAAAAAA AGGGGAAAAAAAAAAGGAGAAAGGGAAAAGGCAAGAGAGGAGAGGGGGG G G G G A G G A G G A G G G G A A GAGCAAGAGGGAGGGGGACACACGAGGAAGGG G G A ACGAGGAGAGGAGGAAAGCAAGAAGGGGGGAAGGAAGAAAGAAGCAA AGGAAAGGGAGCAGAGGGGCAACAAAACAAAAAAAGGAGACGAAAGAGAG GAAAAGGAGGGAAGGAAAGGGGGAAAAGGAACCGGAAAAAAGGGGAAGG GAGAAAAAAGAAGGAGAGGACAAAACGAGAGGAGAGCAAGGGGAAGAGAA AAAGAGAAAAAGAAACGGGGAAAGGGCAGGGGAAGAAGGAGAGGCCAAAA GAGAAAAAAGGGAGAAAGGGAAAGAAGAAAAGGAAGAAAGGGAACCCAGG AAAAGGAAGGCCAGAAGGGAAGGGGGAAAAGAGGCCAAGGCCGGGGGGG G GAA $\operatorname{GAGCCGGAAGGGGAAAAAAAAAAAAGGAACCGGGGGGAAAAGGCCG}$ GCCGGCCAAAAGGAAAAAAAAAAGGGGAAACGAAGAGCAGAAACCAGGGA CAGAAAAAAAGCCAGAAGGAGCAGGGGGAACAGGGGGGGGGAAACAGAGG GGACCCCCGAGAGAAAAGGGGAAAGAAAAAAGGACGGGGCAGGCAGGAGA GAAGGGGGGAGAAAGAGGGAAAGAGAGGGAAAGCCCAGGGAGGAACCAA GGAAGGAAAGAGGAGGCAAAAAGGGGGAAAAAGACCGAAAAAAAAAGGAG ATAGCGGAAGAAAAAAAGGGAAAGCAGAGCCCAACAGGAGAGGAAAAAGG

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GGGGGGGGCCGAAGGCAAGGGAAAGGAACCAAGGGGAGGAAGGGCCAAG GGGGGAAGGGGAAAGGGGGAAGGGGGGGGGGAAAAAAAAAAAAGGAGAG GGAGAAGGGGGGAACCGGAAGAGACCAAAAGGAAGGGGGGGGGAAGGGA GGAGAAGGGGGAGAAGAAAAGGGCCAAAAGGAGAGGAAAAAAGGGGAGG CCACGGACAAAGGGAGAAGGCAGGAACCGGAAAAGGAAAGGGCCGGAAGA GGGGGGGGGGCCGGCCAGAGAAGGGAGAAAGGAAAAGAGGCCGAATCCG GGAGGGGAAAAAAAAAACAGAGATTAAGGGGAGGGGGGACCTTCCAAAAA AGGAAAGAGGAGAAACCGAAAGACAGGAGAAAAAAAACAAAGGCCGGAAG GCCAGGAGGGGGGCCGAAGGGAGAGGGAAAGGAGGCAAAAGAGGAGGAA AGAGAGAAGAAACCCCGAACACAAGGGGGGGGCCGGAAGCGGAAGAAGAA AAGGAAGGGGGAGAGAGAGGAGGGGAAAAAAATTAAACAGGAGGGGGAA GAAAAGGAACCCAGGAAAGCAAAGGGGAACCGAAGGGCCAACCGACCAAG AGGAAAACAAAGGGGGGAGAAGAAAAGAAGGGGACGGACGGGGAGATAAA AGGAAGGAGCCGGGGGGAAAGGGGGGGAGGAAGGGAAAGGGGGAAAAAA AGGAAGAGGGAACCAAAGGGAGAGAAGGAAAAAGGAAAGAGAGAGGGGAG ACGGAAGGGAACGGCCGAGAGGGAACCCAGGGCCAAGATAAGAAAAGAAC GGAAGGGGAGGGGGGGAGGGGGCCAAAAAAGGACGAACACAAGGGGGGG GGGAAAAAAGAGGCCCAGAAGGAGGAAAAAAAAGGGGGAGAGAAAGACCA ACCAAGGAAGGGGCAAGAGGAAAAAAAAAAAGGGGAAGGAAGGGGGGGGA ACCGGGGCCAAGGAAAAAAAGGAGACCGGGGGACCGAGGAAAACCGGAAA AGAAACGCGGGGAAAGGAAAAAAAAGGCCAAGGGAGGGAAGAGCCGGGAA AA G GAGGAAGGAAGGAAAGAGGAGGGGAGAAGAGGGGGAGGGAAGGAGG GGGGGAAAAAAAAGAGGGAAGGAAGGAAAACCAGGGAGAAAGGGGACCAA GGAGAAAGAAAGAAGAGAGGCCGGAAGAAACGGGAAGGAAGGAAGGCCAA ACACAAAAGGGGGGAAAAGAGGGGAGGGCACAGGAAGGGGGGAAGGGGG GAAGAAGAAGGCCGGGGGAGGGGAAGGGGAAAGGAGAGAGGGGGGGGGG GGAGATGAAGCCCCAGACGAGAAGCCGAGAAGGAGGAAAAGGGGAAAAAG AAAGAAGGGGAAGGAAAAAGAAAGGGCGGGGGAAAAGGGGACAGGCGGG GAGAGACGAGGACAGAACAAGAAGGAAAAAAGGGGAAAAGGAAAAAGGGC CAAGAAGAGAGCAAGAGCAGGCCAGACCCGGAGAGGGAGAGAGGGGAGAA GAGAAGGGAGGAGCGGAAGGGCGAAGGGACCGGGAAAGGGAAGGATTAA AAAAAGAGGGGGAGAGAGGAGGGAGGAACCAAGGGGAAAGAGAAAGAGCA GAATACGAGGGGAACCAAACAAAGGAAAAAGGACAAAACCAAAAACACGG AGCAGGAAAGGGAAAAGGCCAGGGAGAGAAGAGAAACCGGACGAGGGGG GGGAAAGGGAGAGGGAAAAGAAAAGCCCAGGAAAAGGCGGAAAAAGGGGG GAAGGCCAAGGGGGGGGGGACCCCCCCAAAGGGAAGAAAAGACGAAAAAA GAGATGGAGGAAAAGAAAAACGGCCGGAACCGGAAGGAGGAGGGGGGAAA GAAGGGGGGAGGGGGCCACGGAAAAAGAGGGGGAACCAAAAAGGAAAGG CCGAGAGGGGGCGGGGGAGAACAACCGGCCAAAGGAGCGAGGCCAAGGA GAGAGGGAGGAAAGGAAAAGGAAAAGGGGAAACAAAAAAAAGGGGAACCA AAAGGAAAAAGGAGAGGTTACAGGGACCCAGAAGGGGAAAAGGGGGGACG AGAAAAAAAAAAGGGGAGGGAGGGAAAAAGGGGAGGGGGAAAAGAAAGAA AGGGGGGGGAAAAAACCAAGGAAGGGGAGGGGGGAAGAGGGAGGAAGGA GAAAGAAGAAAAAAGGAGAACAGGAAAGAGACACAAGGAGCCCCAAAAGG CCAGGGGGGAAAAAGGAGAGCAAAAGAAGAAAGGGAGGAGAGGAGACCGG GGAACAGGGGCCAAAAAGGAGGCAAGAACCAAGGAGAAACGGAAGGGGAG GGAGGAGAGGGAAACGCCAAGGGGAGCAGAGGGGAAAAGGAGGGGGAGA AACAGGACAAAAAGGAAAAAAAAGGGGAGACACGGAAAAAAAGAAAAGAA GGAAGAAAAAAAAGAAGAGAACAAAAAAGAAAAGACCGAGAGGCCGAAAG AGAA GCCAACCGGGGGGGGGGGGAAAAACAGGGAGAAACGAGGCCGAGG GAAAGGGGAGGACCGAGAGGAAGAGGGGAAGGGGAAACGAGGACGAGGA AA $\operatorname{la} A \operatorname{AAA}$ GCAAGGGGGAGGAAGAAGAAAGGCCGAGAAGGAAAAAAAAGG ACCGGAAGGAAGGAAGGCAAAAGCCACAGAACAGGGAAAGGGACAAAAAC CGGGGCCAAAAAAGGAAGGAAGGGGAAGGGGGGAACCAAGGGGGGAAAA GGGGGGAACCGGGGAAGGCCGGGGCCGGAAAAAACCAAAAGGGGGGGGC CGGGGGGAAAAAAGGAAAAAAAAGGGGAAGGAGAGAAAGAGAGAAGGGGA AACGAAGGGGGAAGGGGGGGGAAGGGGGGAAAAAAGGAAAAAAGGGGAA AAAAGGAAGGAAAAGGGGAAAAAAGGGGAAGGGGGGGGGGGGGGAAGGG GAAAAAAAAGGCCGGAGAAAAGAGGAAAAAGGGGAGAGGGGCCGGGGGAA ACCGGAGGGAAAGCCAAAAGGAAGGAAGGAAGGGGAAGGAAAAAAGAAAA G G G G G G G G GAAA G GACCAGGGCCGAGGAATTGGAGGGGAGGGGGGGGGG

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G GAGGGCCGGAAGGGGGGAAGGGACCCCGGAGGGGGGAACAGAAGGGAA G G G GAGGAGAGGAGGGAAGAAGGTAGGAAGAGGCAAAAAAAGGGGAAGG AA G G GAAAAAGAAAGGATGGCAGAAGGGGAGGAAAAGGGGGGAAAGGGG G GAGAACGAGCGGGGGGAAAAGAGGAGAAACAAGGCCGAAAGAAAGGAAA AGAAAACGGAGGGGGAAAGAGAAAACAAAAAAGAGAAAGACGAATCCGGA AAAGGGGAAAAAAAAAAGGGGAACGGAAACCGGGGGGGGAGCAACAAGAC CAAAAGGAAAGCCAGAAGGAAAAAGTAACAGAGAAGGAAAGAAGAACAGA G GAAACGCCACAAGGGAGGAAGGGGGGCCAAGGAGAAAGGGGGAGAGCC GCAAAAAAGGAGGGCCGGAAAAGAGGAAGAAAAAGGGGCCAAAGAGGGGA GAGGAAAAAAGAAAAAAAGGCGGAGAAAGGAAGACCAGAAAAGGAGGGAA AGCAAACCGGAACCAAAAAAAACAGAAGGAGGGGGGGAGGGGAGGGCCAC AAAAGGGAAAGAGAAAAAGGGGGGGGGGCACAGGCCGGCAAAGGGAGGG GAAAGACGGGGAAAAAAAAAAAACCAAGGAAGGGAGGGGCACCGGAAGGG GAGAGGAGGGGCCAGAGCCAAAAAAAACCCCAAACGGGAAAGGAAGGAAC CAAGGGAAAGAGACACCGGGAGGGGACCCCAAAAAAGGGAGAGAAAAAAG GGGGAGGGGAGAAGGGAGATTAGGGAACAAAAAAAGGAAAACCGAGGAAA GAGGGGAATAAAAAAGGAAAACCGGGGCCACAAAAACGGAAGGAAAAAGA GAAAGAGCGGGAGCATAGACAGACCGGAAAACAAGGGGAGGGGGAGGGG A G G G G GCCAGGAAAAAGGAAGGGGGGGGAGGGGAAGCGGGAAAAGCAGA GACAGAACCAAAACCAAGGCCCCGGAGAACCAAGGGGGGGAGGGCAGGGA AGGAGAAAAAAGGGGAGGCGGAAGGAAGAGGGACCAAGGAGCCGGGGGG CAGGCAAAAGAGACGAAGGGAAAAAACCGGAAAAGGCCGGGAAAGGCCCA G G G GAAAAACGAAAAAAAGGAGAAGAAACCCCCCGACAAAGGAAGAGGGA AGGGAAAAGGAGAGAAAACCAACCAAAACCGGAAGGCCGGGGCCAAGGAA GGCCGGAAGGAAAAAAAAGGCCGGAACCAAGGAAAACCGGGGGGCCGGAA AACCAAAAAAAAAAGGGGGGGGGGGGAAAAGGAAGGGAAAAGTTCCAAAA GGGGACAACCAGGAGGAAAGAAGGAGAAGAAAGGGAAAAGCCAGGAAAGG AAAAGAAGCAACGGACGGAGGATTAAGAAAAGACAGGAGGAGCCCAAGAG CCGATAGGGAAACCAAAAGGCCAGAGGAAAAACCAAAAAAAAGGAAAAAA GGGGCCGGGGGGGGCCGGAAAAAAAAGGAGGGGGGGAAAAAAAAGGAAG G G G G GAAAAGAGGGGAAGGCCAAAACCAAAAAAACGCGGCCAAGGAAAAG AA G G GAAGAGGGGCCAAAAGGAAGGAGGACAAAGGGAAAAAAGGGGGAAT TGGAAACGGGGGGGAACGGGGGAAGAGCCCCGGAAAAAAAAAACCGGGGG G GAAAAGGGCCGGGGGACAAGGACCAAGGAAAGGGAAGGGGAGGGAAAA AAGGCAAAGGGGAAAAGGGGAAAACCAAAAGACAGAAAAGCCAGAAAACA CCGGGGAAGGCCAACCGGCCAAACGGAAGGGGGGGGGGGAACGAAACAGA AATTGGAGAAGAGGGGGGAAGAGAGAAAGGAAAAGGGAGAAAGACCGGAG AGCAATAGAGGAGGGGACAAACACAGAACCAGCAGGAAGGAGGAAAAGAG GCGGGGAGAAGAGAGGGGGAAAGGAGAAAGAAGGGGGGACAAGGGAGAA AAAGGAGCGGAGAAAAGAAAGGGAAAAGAGGAAAATAAGAACCAAGAAAC CAAGGGGAAGAACAAGGAAAAGGGGAGGGGGCCAGAGGAAGAAGGGAGG G GAACCGGGGAGAGAAAGGGAACAGAAGAAGGGGAGAAACAGAAAGTTGA A G G GAAAA G G G G G G G GAA G G G GAACCAACCGGGAGGGGACCCGGGGGGA GGAAACCGGAGGGGGAAGGAGACAGGAGAAAAGGAAAAAGAGAGAGGAAG GAGAGAGGGAAGGGGCAAACAAGAAAAGGAGAAAGGGAAGGAAAAGGGGA AGGAAAAAAGGAAAGGACCGAGGGAAAATGAAAGGGGGACGGGCCAGAAA AAAGGGGTTGGAATAGGGGGGGGCAACGGAAAGCAAAGGGAAAAAGGGG AAAAGGGGGGGGGGGGAAGGAAGGAAAAGGGACCAAGAGAGAAACCCCAC GGCAAGAGAAGGAGTTAAAACAAAAGGGCCAGGGAAGGAAGGAACCAAGG G G G G G GAACCGAAAGAGGAGACGAAGGACGGAAAGAAAGAAGAACCAAGG AA G GAAAAGGGGAAGAGGGGAAGGGGAGGCGGGAAAGCGAGGGGAAAAG GAACCGGAAAAAGGAAGGGAGCAGGAAGGAAAAAAGGAGACCCAAAAACA AAAAGAAAGAAACGGGACCGGACCCGGGGGGAAAAAGCCACAAAGAGCCA GGGAGAACCCCAAGGAAAAGGAAGGGGAGCAGAGGGGAAAGGGAAAAAAA TAGGGCCAAGAAGAAGGGACAAGAGCAGAGGAAAGCAGACGCAGAAGGGG GGACGGGGGAGAAGGTAAAGGAGAAGGAAGGAAGAAACCAAAAGAGGGG GGCCGGAAGGAGAAGGGGGGAGGGGGAAGGGAGACCAGAGGGAAGAGAG GAGGGGAAAGGAAAGGAGGACAAGGGGCAAAAAAGGGGGAAAAGGGGGG GGCACCGGAGAGACAGCAAGAAGGAGGAAGGGGGGGAAAAAAAACCGGGA GAGGCAAGCCGGGGAAGAGGTTGGGGGGGGAAGGCCAAAGGAAAGGACG GAAAACCACAGAACCGGGGAAGAAGAGCAAAAAAAAGACAGGACCAGAGG

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AACAGGAAAAGACCAAGAAAGGGGAACCCCAGAGACGGCAAAGAAAAGGG AACCCAGGGGGGGGGGGGAAAAGGAAGAAAAAAAGGAAAAAGAGGGGAG GAGCGGAAAAGGAGAGGAAGGGGAGGAACAAGAGAAGGGGGGGAGAAAG AAGAAAGGGGGAGAGAAACCAAAAAAGAGGGGGGAAAGGAAGCCAAAAGA AAAGGACCAGGAGGAGAACCAGGGACAAGGAAAACAGGACAGGAACGAAA GGAGAAGGCCAAAAAAAAACAGAAGGGGGGGGGGAGAAAAAAGGGAGGG GGACCAAAAGGGAAAGAAGGGGGAAGAAAGAAGGAAGAGAGAAAGGAAGA GAAAAAACCAAACGGAAAGAAGGACAAAAAAAAGGAAAAAAAAAAGGGGA AAACAGGCAGGCCCCAGACAAAAGGAAGGGGGGAAGGGGGGAAAACCACA GCCAGGGAAGGAAGGGGGGCCGGGGGGAACCCCAAAGAGAAAAAAAAAAG GAACCCCAGAAGGAAAAGGAACCGGAAGAAGGGGGACGGAAGGAAACGGG GGGGGGAGAGGAGGGGGAGGGGGCAGACAAAGGGAGGGAAAGGAGGGGG AAGGGAAGACCCAGCCGGCCGGAGAGGGAAAGAGAACAAAGGAGCCGGAG AAAGAACCGGGAAGAACCCCAAGGGGGGCCCCAAAAAAAAGGAAAAGGCC AGGAAGGGGGGGGAAGGGAAAAACGGAAGGGGGGGGGGGGAAAGGGAAC AGGGGGGGGGAGGAGAAAAAGAGAAGGAAGGGAAAAAGGGGAGGGAGGA GGGAGGAAGAAGAAAAGGGAGAAAAAAGACAGGAGGAAAGAAGGAAGGAG GGGGAGAAGGAGAGAGAGAAAGGGAGAGGGAAGGAAGAAAAAAGAGAAG GGGGGGGGGAACAAAAACCAGAAGGAAGGACGGGGAACCAGGGCCAGAG GAAGGGCGAGGGGGAAAGAACCGGGAGGAGAGGGCCAGAAGAAAGAGGG GAGGAGGAAGGCAAAAAAAGGGGAAAGGGGGAAGAGACCACCCAGCCCAC CAAAAAAAAGGAAAGAAAAAGAGGGGGAAGGAAAAAAGAAAGGGAAGTTA AGGAAGGGGGGGGGGGGAAGGAAGGCCAAAAGGAAAAGGGGGGGGAACC GGAAAAGGGGGGACAGGGGAGGAAAGACGGGGCCAAGAAGAAGGAACAAA AACCACCCCAAAAACCACAGGAGGAAAAGAAAAGGGAAAAAGGGACAAAG AACCAGGGGGAAGGGGGGAGGGGGACAAAACCGGAAGGAACCCCAGAAAG AAAGGACCAAACAAGGGAAAAGAAAGGGAAGGAAGGCCGGCAAAGGGGGA GAAACAGGGGCCGGACGGAAGGAGGGAAGGGGGCAAACGGGGAGCAAAG GAACAGGACAGAAGACAAGGGAGAAAAGAAGGGAAAACAGGGGAGACAGA AGAGAAAGGAGGGAAGGGAGGAGGAGGCCAAAAAAGGAAGGAAAAGGAAG GAAGGGGGGGGGAGGGAGAAGCAGAAAGGAGAGGGGGGGAAAAGGGGAA AACCAAAGCAAGAGCAGACCCCGGGAACGGGGATGGGAAGAAAAAAAAGA GGGGACAGCCAAGGGGGAAGAAGGAAGGAGGAGGAGAAAAAAAAGGCCGA CAAAAGAAGAGAGGGGGGAGGGGGAGGGGGAGGGAAGGGGGGGGAGGAG GGGGAAGGGGGAGAGAAAGGAGGGAGAGGAAGGGAAGGAGGAAAAGAAA AGAAAAGGGAGGCCGGAACCGGAAGGGGAAAAAAAGGGGAAAAAAAGAAA AAAGAGAAAAACCCAGAGAGAGAGGGAAGGAAAACCAGGGGGGGAACCCC GAGGGGAGGGGGCAGGGGCCAAGGAGAGGAGGCCAAAAAGAGACGAAGG AGAGAGGAAAGGAAGGGGAAGGGAAAAGGGAAAGGAACCGGGGAAAAAGC AA GCCAAAAAGAGGGGAAGAAGGGAAAAAAGAACAGAGGAGGAGAACGGG GAGAAGAGAAGAAGAAAACGAGGGGAGCAGGGGGGGGGAAAGAGAGAAG GAACGGAAGGCAGGACAAGACCCAGGACAGGAGGACGAGAGAGGGGGAAG AGGGAAAAGGGGGAGAACGAGAAGAGGGAAGGGGCAGGGGAAGGACCAA GGACAGGACGGGGCCGAAAAAGGGGGAAAGAAACCGGAAAAGAAGCAGGA GGGGGCCAGAAGGAAAAGAGGAAGAGGAAAGGGGAAGAGAGGGGACAGA AGGACGGGCCGGGGGAGAGGGGGAGGAGAGAAGGGGAAGAAGAGGGGGA AAAGGGGGGAAGGAAAAAAAAAAAAGGAAGGAAAAAGAAGGGGAGAACGG GAGGAATAGGGAGAGAAGGCCCCAGAGAAGATTGACAGAATAGCAAGGAA ACCAAGAGAAGGAGAGGAAGGAGAAGGCCGGGGGGAAGGGGGGACGAAA AACCGACCAGCAGGAAGGAAGAGGGGAAAACAAAGGGGAGCACACCCAGG AACCGAAAGGCAGGGGGGCCAACCGGGGAAGGGGAAAAAAAAAAAAGGAA AAGAAGAGGAGGGAGGGGGGCCAACGATAACCAAGGGGAAAGAAAAGGAA GGGACCGGCAAGACGAGAAAAAGGAAAGAGAAGGACAGAAAGGGGGGGAA AAGGCGCCAGGAGGAAAAGGAACACCAAGGAGAGAGAGATAAAGAGAATT GGACAAAAAGGAAAAAGGAAAAGGGGAAAAGGAAAAAAAAAAGGAAGGGG GGGGAAGGAAGGGGCCGGGGCCCCAAAAGGGGAAGGTTAAAAGGGGAAA AGGGGGGGGAAGGGGGGAAGGAAAAAAAAAACCAAAAAAGGAAGGGGAAC CAAGGGGAAGGAAGGGGAAGGAACCTTAAGGGGCCAAAAGGAACCAAAAG GAAGGAAGGAACCAAAAGGAAGGAACCGGGGGGAAAAAAGGCCAAAAAAG GAAAAAACCGGGGAAGGCCAAGGAACCGGGGAAGGAAGGAAGGCCGGGG G GAA $\ln$ GGGGGGGGGAAAAGGGGAAAAGGAAGGGGAAGGGGGGGGGGAAG

G G G AAAAGGGGGGAAAAGGCCAAGGAAGGAAGGAACCAAAAGGAAGGAAA ACCAA $\operatorname{A}$ GGGGGGGGGGGAAAAAAGGGGGGGGGGAAAAAAAACCGGGGGG AA $\operatorname{A}$ GGGGGAAGGGGGGAAGGGGCCAAAAGGGGCCGGGGAAGGGGAAAAG GAAAAAAGGGGGGAAAACCCCGGAAGGAAGGCCAAGGAACCAACCGGGGA AAAGGAAAACCAACCAACCAAGGGGAAAACCGGCCGGGGAACCAAAAAAG G G G A A G G G GAAGGAAAACCGGAACCGGGGAAGGGGAAAAGGCCGGAAGG G G G GAAAAAAAAAAAAAAGGGGGGAAGGAAAAAAGGGGGGGGGGGGAAG GAACCGGAAAAGGCCGGGGAAAAAAGGGGGGGGGGGGGGGGGGAAGGAA GGAAGGAAAAAAAAGGGGAAAAAAAAGGGGAAAAGGCCGGAAAACCAAGG TTGGAAGGGGGGAAGGTTAACCCCAAGGAAGGAAAAGGAAAAGGAAGGCC AACCCCAAGGGGGGAAGGGGGGGGGGCCGGGGGGAAAAGGAAGGAAGGG GAAAAAAAAGGGGAAAAAAAAGGGGAAGGCCGGCCAAGGGGGGGGAAGG GGGGGGGGTTAAAAGGGGGGGGGGGGGGGGGGGGAACCAAGGGGAAAAG GAAAAAAGGGGGGGGGGCCCCAAGGAACCAAGGAAGGCCAACCAAAAAAG GGGGGAAGAGGAACCAAGGAAGGCCAACCAAAGAAAAGGAAAGCCAGGGA GAGCCAAGGGGGGGAAAGAGAGGCCGGGGGGGAAGCCGAACGGGGCCAA A G G G G GAA $\operatorname{A}$ GAGGAAGGAGAGAAGGGAGAGAGACAGGAGGAAGGAAGGG GAAAAGGGGAAAAGGGGGGAAGGGGAAGGCCAAAAGGAGAAGGACGAAG G GAAGGAGAGAAAGCCGGAAGGGAGAGGGAGAAGAAAAGGAAAGAGGAAA AAAAAAAACCAAGGAGGAAGGGGGGGAAACGGAAGGAAGGAAAATTGGGG AA $\operatorname{G} G \mathrm{G} G \mathrm{G}$ GGAAGGAAAGGAGGAACAAAAGGGGACGGGGGGAAAAGGGGC C G G G GCCGGGACCCCAAAAGGGGGAGGAGAGGGGGAAGAAGAAGGGGAA AAGGAGGGAAAGGAAGGAAAATACAGAAAAGGCCGGACAAAAAAAAGGAG G GAA $\operatorname{G}$ GAGGGGGGGCCGGGGAGAAGGAAAAGGAACCAAGAAGGGAAAAA AA $\operatorname{la} A \operatorname{AGG} \operatorname{GA} A A G G G A G A G G A A G A G G A C C A A G G A A C C G A A C A G G G A A A C A$ AA $\operatorname{l}$ GGGGAGCCGAGAAGGGGGGGAGGGGGCCAAGGGGAAGGGAGGCCGA CAAGAGGAGAAAAAGAGAGAAAAGCCAGGGGGCCGGGAAACAGGAGGATT AAAAAAGGAAGAGGAAGGAGAGGGAGGGGGGAGGGGAAAGGGAAAAAAG GGGGAAGAAAAGAAGAAGGGGGGAATTAAGGGGAAAAAAGGGGAAAAGG GGAAAGAAAAGGGGAAGGAGGAGAAGCCAAAAGGGGCAGGAGACGGACAA GAGAGAAGCCACAAGGGGAAAAGGAGGGAGGACAAAGGCCGGGGAAGGG GAAAAGGAAAAAAGGAAAACCGGGGGGGGGGAAAAAAGGAAAACCGGGGG GGGAAGGCCAAAACCCCAAGGAGGAGAAGCCGGGGGGGAGGGAGAGAAA GGAAAGCCGAAATAGAAGGGAAAGACGGGAGGAGGAAGAAGGAACGAAAA AAGAAGACGGAAAAGAACGAGGCACCCCACAGACGGAGAAGGAAAGGGGG GAAAAAGGGGAAGAGAAGAAGAAAGGCAGGGGAAGGGGGGGAAGAAAAG GAGAAAAAGGGAACACAGAAAGGCCAACCAAGGGAAAAAAAGGGGAGAAA AGAAAAAGGACCCGGGAAAAAGGGGCCAAGGAAGGGGCCAAAAGGAAAAG GAAGGAAAAGGGGAAAAGGCCAAAAAAAACCTTGGAAGAAATAAAGGGGG G GAGGGAGAGGGGGGTTAAGGGGGGGGAACCGGGGGGGAAAGAAGGAAG GAGGGGAGGAGAAAGGCGTTGAGAGAGGGAAGGGGAGGGATTACAAACAA AGGGGGGGAGAAGGAAGGAAAAAAAAAAGGAAAAGGGGAAAAAAAAGGGG GAACAAAAAAGAAAAAAGAAAGGAGAACCAAAAAAACAAAGGAAGAAACC GAGGAGAAGGAAAACCAACCAGCCAAAGAGAAGAGAGAAAGGGAGGGGAA GGAACCAAAACAAGGGAAGGGGAGCCGGCCGGGGGGAAAACCGGGAAGAG AGAAGGGAGGCCAAGGAAAAAAAAAAGGAAGGGACCGGAAAAACGAGAGG AAAGAGGACAAAGAGGAAGGGGGGAAGGGAGAGAGGAAGGAAGGGAAGG GCACAAAAAGGAAGGAACCCCAAAAGGAAGGAAGGGGGGGGAAAAAAAGG GAAGGAAGGGGAAGGAACCAAAAGGGGAAGGCCAAGAAAGGGGAGGGGG
 A GAA $\operatorname{A}$ G GAGGAAGGGGGGGAAACCGAGACAAACCGGAAGGGGCCGAGAA GAAAAGGAACCGGATAAGGGGGGGAAGAGGGGCGGAAGGGGAAACGGGA AGAGGAGGGGAAGGAAACAAAGCCGAAGGGAGAGAAAAGGCCCCGGAGGG AAAGAAGGAAGAAGAAGGAGGAGAAAAAGGAGAGAGGGAGCCAACAACAG GGCAGGGAGGAGCCAAACGGAAAGGCGGTTGGAAGAGGAGCCGGGGAGG ACCCCAGGAGAAAGGAAGGACGGAAAAGGAGAGGGGGAAGGAGCCAGAAA GGAAGAACAGGACGAAGGAGAGGCCAAAAGAAAGGGGCCAACACCGGAAG GGGGAAACAACGAGGAAGGAAGGGGAAAAAAAAAAAAAAGAGGAAGACAG A G G G G G GCCGGCCAGAGAGAAAAGAGAGGGGGGGGAAGAGGGACCAAGG A G G GAGGAAAGAGGGGCGCCGGAAAAGGAAGGAGGAGGGGGGGGAAGGG GAGGAGGTAAAGAGGGACAAGAAAGGAAGGAAGCCAAAAAAAACCAAGGG

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G G G G G GAGCCGGGACAAGGGGGCCGGAAAAGAGGAAAAAACAGATTGAAA AAAAGGGGGGGGGGGGCCAAAAAAAAAAAACCAAAAAAAAGGCCAATTGG AACCAAGGGGAAGGGGGGGGAAAGAAGGAGAAAGACCAGAAAGAAAGGGG GGAGAAAAAAAAAGGGAGGGACAAAAAGGGGGAGGAAGGGAAAGGGGGG GACAAAGCCCCGGAGAGACGGCAGGACGAGAAGAGGAGGAAAGAAGGAGG GGGAAGAGAGCGAAAAACCAAGAAAAAACGGGAGGAAGGGGAAAAATGGA GAGGAGGACGGAAGGGAACAAGGAGAAAGAGACGACGAAGGGGGAGAAA G G G A G G GAGGGGAAGGGAACGGAAAGGAGAGGAACCAACCAGAAAAGAGA GGGAAAAAAAAGGGAAAAAGAAAGCCGGGACCAAGGAAGGGGCCGAAAGG AAAAAAGGAAGAAAAGGAAAGGGGAAAGAGGGAGGAGAAGAAGGAAAAGG G GTAGGAGAAGGAAGGGGGAGAGAGGGACGAAGGGGGGGGGGGAGGGAG AGGGAGGAAAGGGGGAAAAAGAAAGAAAAAAAAGGCGAAGGGAGGAAGGG GAGGAAAGGGGAGGCAAAGAGGGAGGAGGGGAACAGAAGGGAAAGGGGG CAAGCCGGAAGGAGGAAGGGAGCAGGAGGACAGGATGACGAAAGAAAAAA GAAGAAGGGAAAGGGGAAAACCGGGAGGAAGGAGAAGGCCAGGGGGGGG GCCAGGGGGGGGGGGGGAGGGGAGGGGAAAAAAACCCAAAGGAAGGGGG TAAAGGGGGAAGGGCCAGGAGAGAGAGAGAAAGGGGGGAAAAGGACAGG AGGGAGGAAAAAAGGAACCGAGGAACCAAGGCCCCGGAAGGAGGGAAGGA GAGAGAAAGAGGGGGAGAGGAGGGAGGGACCGGAGGAGGAAGGTAGAGG GGAGGACCGGGGAAGAGAGGAGGGAAGGAAAAAAAAGGAGGGGGGGAAA GACGAAAGAAAGGGAGAGCAGGCAAAAAGGAAGAAAGAAGAAAGGAGAGG GAGAGGAGGAAGGGGGAGACAGGAGGGCCGGGGAAAAGGCAAAAAAAGA G GACCCGGAAGGATAACCAGAAAGAGAGAAAAGGCCAAAACCGGAAAAGG G GCCAAAGGAAGAGGGAAAAGAGAAGAGGGAGGAAGCCAAGAAGGGAGAA AAGGAAAACCGGGGAAAGAAGGGGAAGGAAGGGGGGAAGGCCCCAAAAAA AAAAAACCAACCTTCCAAGGAAAACCGGGGGGAAGGCCGGGGAAAAGGGG AACCCCGGGGAAGGAAAAGGAAGGAAAAAACCAACCAAAAGGAATTAACC CCGGCCGGGGGGGGAAGGCCAAAAGGAAGGAAGGGGAAAAGGAGAACAG GGGAAAAAACCGGACAGAAAGCCAAGGCCGGAAAACCGGAAAAAAAGAGA GGGGGGAGGAAAAAGAAGAAAGGAAAAAAGGAACCCCGGCCGGTTAAGGG AGAGGCCAGGAAAGCGAAAGGCCGAGGCCGGAGAAAGGAGGGGAAGAGAA AAAAAGGAGGAAAGGAGACGAACGGCCGAGGGAAGAAAGAGAAAGTTAGA C GAA G GAGGACTTCCGGCCAAGGGGGGGGGAAGGAGGGGGGAGGGCAGA G G G CCAGGAAAAACGGGGGGGGAAAAAAGGAGAAGGCAGGAAAAAAAGAC AAAAAGAGAGGAAAAACCAAAAAAAGCCGAAGAAAACCAAAAAGAGAAAAC CCCAA G G G G G GAAAGGGGGGGGGCCGGAAGGGGCAAAGGAAAGAGAAAA CCGAGGAAAACAAAGGAAAACAAGAGAACAAGGGGGCCAAGGGAGAAAGG CCGGCCGGAGGGACGGGAGGGGCCGACAGGAAGAAACCAAAGCCAAAAAA AAGAGGCGAAAAAAGGAACCGGGGAGGAGAGGAGAACAGGGGGGAAAACC CCAAAGGAAAAAAAGAGAAAGACCAGGGGGAAGGGGAAAAAGCCAAGGGG TACCGGACAAGACCGGAGGAAAAAAAAAGGAAGGGGGGCGAAAAAACAAT GCGAGACCAAGGAAAGACAAAAGAGGGAGGAGAGAGGGCCGGGGAAGAAG ACGAAAGGCCGAGACAAGGGAAAACAGAGAGGGGGAAGGATTGGAGGAAC GATTGGAAACGAAAGGAGAAGAGGAGGAGGCAAGAGAGGGGAAGGAAGAA AACCGGGGAAGAGGGAGGGGAAGGAAACAGACAAGAGAGGCAAGAGGAGA AGGAGAAGAGCCAAGGGGCCAAAAAAAAAGAGGGGGAGACAACCGGCCCC G G G G G GAAAAGGGGAAGGGGAGGGAAAGAGGGGGAAAAAACCAAGGAAG GAAAACCCCAAAAAAAAAAGGGGGAAACCGGAAAAAAGGAAGGAACCCCG GAAAAGAAGAAGGGGAAGAAACCAAAGCGGAAAGGACAAGGAGAACGCCA ACCCCCCGGCCAGACGGCGGGAGAACCCCAAGGAACCAAAAGGAACCGGG GAACAGAGAGGAGGGAGAGGACAAAAAAACCAGAAAAAAAAAAAAAAAAG G G G G G CCGGGGACCCCCGAAGAGGATAGGGGAGAGAAAAGGAGCAGGTT CCGGGGCCCGGAGGGGAGGGAGAAGAAAGGAGAAGGAAGAAAGGGAAGG G G G G G A A CA $\operatorname{l}$ GGGGAGGGGCAAAAGGGAAAAGAGAGAGGGGAGAGAGGG AAAAAAGGAACCGAGGAAGGGGGGCCAAGACCAGGAAAAGGAGAAAGAGA AAAAGAGAAGAAACACAAGGAAAAAGGAAAAAAGAAAAAAAGGAAAAAAG AAAAACCCGCGGACAGCCAGGAGGGAGGAGAAGAGAGAAAGGGGAAAAAG AAAGAGGGAGAAAAAAAGGGGAGGGGCACCCAGGGAGACCAGGAGGGGG GGGCAGGGGAGGGGGACATAGAAAGAAAGAAAAAAAAGACCAGGGAAGAG AAAAAGGGGAAGGAAAAAGGAAAAAGGCCGAAAAAAAGGAACCGAGGAGA CAAGGGGAGAAAACCAGACGGGGGGGAAAAAAACCAAAGGGAAAGAAAGG

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CAGGAGGCCAAGGGGGACCCCGGAGAGCCGGGGAAAGTTGGAACCGGGG AA $\operatorname{l}$ GGGACCCGGGGGAGGAAAAGACAGGCCAAAGGGAAAGGGGGGGAGC CCCGGCCAGCCAGAAGAGAGGGAGGAAAAGGCCAGGGAAGGAAAAAAGGG GAAAAGAAGAGAGAAGGAAGGAAAACCAAAAAAAACCAGAGAGAGAGGGT AAAAAAAAAAGAAAGAGGGAAAAGGAAGGGGGGAAAAGGAAGGAAAAGAA GGGCCAAGGGGGGAAAAGGGGGGCCGGGACAAAAAGGGAAGGCGCGAGG AAAAAGGGCCGGAGAAGAAAAAGGGGAAAGAAAAACAAAGGGGGAGGGAA AA $\operatorname{l}$ GAA $\ln$ GGGGAGAGGAGAAAAGGGGGGGGGGCCAAAAGGGGAAGGGGA A G GCCGGGGGGGGAAGGGGCCCCAAGGAAAAGGAAGGGGGGAAAAAAGG AA $\operatorname{G}$ GGGAAAAAAAAGGGGCCAAGGGGGGGGGGCCCCGGAAGGAAAAAAG GAAGGGGGGGGGGGGGGGGAAGGAAGGAAGGGGAAGGAACCAAAAGGCC AAAACCAACCAAGGGGAAAAAAGGAAAAAAGGGGAAAAAAAAGGAAAAGG GGAAAAAACCGGCCGGAAAAAAAAAAGGCCGGAAAAAAAAAAAAAAGGAA AACCAAGGAAGGGGAAAAGGAAAACCAAGGGGAAAAGGGGAAAAAAGGGG AAAAGGGGAAAAAAAATTAAGGGGAACCAAGGAACCAAGGAAGGGGGGCC GGGGAAGGGGAAGGAAAAAAAAGGAAGGCCCCGGGGCCAAGGGGAAGGA A G G G GAA G GAACCAACCAACCGGGGCCCCCCGGAAAAAAGGGGAACCAAA A G G G G G G G G G GAAAAAAGGCCGGTTAAGGAAAAAA G G G G CCGGGGGGGTT AAAAAAGGGGAAAAAAAACCGGAAGGGGGGAAAAAAGGGGGGGGAAGGG GAAAAAAAAGGGGGGGGGGAAAAAAAAGGGGAACCGGGGAAAAAAAATTG G G G G GCCGGCCGGCCAAGGGGAAAACCAAAAAAAAAAAAGGGGAAAAGGA A G GAA G GAAAAAAAAGGGGAAAAGGGGGGGGGGGGAAGGGGAAAAGGCC AA G G G GAAAAAAGGAAGGAAAAAAGGAAGGCCGGGGAAGGAAAAGGGGAA G GAAAAGGAAGGGGAAAAAAGGAAGGGGAAAAAAAAAAGGGGAACCGGAA AA G G G GAAAAGGAAGGAAGGAACCAAAAGGGGGGGGAAGGAAAAGGGGA AAA $A$ GGGGGGGGGAAAAGGGGGGGGTTAAGGAAGGGGAACCGGAACCGG AAAAAAAAGGGGAACCGGAAGGGAAGAAGGAAGGAAAAGGACGGAAGGCA GAAAGGCCGGGACGCAGGAAAATAGGGGAAGGGGGGAAGAGAAAAAAAAT CCGAGGCCAAGGGGGGAGACGGGAGAAAAAAATTGGGGGGAGGAGGCCG GGGGCGGAAGGAAAAGAAGGGGGGGGGAACAGAAGAACCAGAGAGAAAC G G G G G G G G G G G G G G G GCCGGGGGGGGAATTGGGACCAAAAACGAGAAAA GAGAGGAAGCCCCAGGGGGGGGAACAAGGAAGGGGAAGGCCAGCAAGGG AACCAGCCGAGGCCGGCCCCAGAGAGGAAGGGAAGAACAAAAAAGGGGGG GGAAAAGGAAAACAAAGGGGAAAACCCAGCTACCAAAAGAGGGGCCAAGG GAGGGGGAGGGAACAACCAGAGAAGGCCAAAAGGGGGGAACCAAGGGGG GAAGGCCGGCCAAAAGGCCGGAAGGACCAAAAAAGAAGGAGGGAAGGACA ACCAAAGATAAAGAGAAGAAAAAACCAAGAAGAAGAGACACAGGGCCAAG AA G G A G G G G G GAAAAAACCGGCCGGAGGGAAGGAAAGAAAACCAGGGGGA G G G G G GAAGAAGAAAAAAAGAGGAGGGAAGAAAACAAGGGAGAAAAAAAG GTAAAAGAACCGGGGAGAAAGGAGGCAAAAGAAAAAAAAAAAACAAAAAA AAATTCAAAGAGAGAAAAAAGGAGGGGAAAAAAGGAAAAAAAGGGAAAAA GGGAAAACCTACCAGGGAACCACGAGGAAAAGAAGGGCATTGAGGAACAA A G G A G ACCAAGGGGGAGCAACGAGAGAGAGACCAAAACAAGGGAAAAAGG ACAGGAAGGAGGAAAAAGGCCAAGGAAACAAGAACACAAAGGAAAGGGGG ACCGGAGAGGAGGAAGGGAAAGGCCCCAAAAAACCAAGGGGGGGGGAACA GGGGGAAGGGGAAAAAGAAGAAGAAAACCGAACAAGGGGGGAGAGCCGG GGGGGGCCAGGGAAAAGGGGAAAAAGAAACGGAATAACGGACGAGGGGG G G A G GAA G G G GAAAAGGAACCAAGGGGGGCCGAAGGGGGAGAAGGGGGA GGGGCCCCAAAGAGGAAAGGGGGGTACCGAGAAATAAGGAGAAACCGGCC AAAAGGGAAAGAGAAAGAGGCAAGGACACCGGGGAGAAAGAGAGAAAAAA
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G G G G G G G G G G GCCGGGGGGAAGGGGGGAAGGAAAACCCCGGAAAAGGAA AAAAAAGGAACCAATTGGGGGGAAAAAAAAGGCCGGGGCCAAAAAAAAGG G GCCAAAAAAGGGGAAAGAAGGGGGGGGAAGGGGCCGGGGAAAAAACCAA CCAAAAGGGGAAAAAAAAAAAAGGGGAAGGGGCCCCCCAAAAAAGGGGCC GGGGGGAAAAAAGGGGGGGGAAGGCCGGAAAAGGCCGGGGGGGGAAAAT TAAGGAAGGGGTTGGCCAAAAAAAAAAAAAAGGGGAAAAAAAAAAAACCG ACAAGAAAAGGAGAGAAGGGAGGAAGAGGAAAGGGGACCAAAGGAAAGGG GAGGGGGGGAGAAGGGGGAAAGGGAAAACAGGGAAGGAGGGAAGAGAAG G G GAAGGAGGCCAAGGAAAAAAGGCCAAAAAAAGGGAACCAAGGGCCAGG AA GCACAAAGCCGGGGGGGCAAGGGAAGACGGCGCAAAGAGGGAGAGGG GGGGGCCAAGGAAAGACGGGAGGGGACAGAGAGCCAGAAGGGAGGAGGA G G GA G GAGGGGGGGCAGGAGAACAGGGGAAAGGGGGGGAGAGGGAGGGG AAGAAGGAAAGAAGAAACCAAAAAGGGAGAAGGGAAGGAAGAAGGACAAG GCAGGAGAAAGCCAAAGAAGGAAAACAAAGGAGAAAGCACCACAAAGAAG GAAAAAAGGAAAAAGGGAAAGGGGGGAACGAAAAAAGAAGGAAGGAGACG AGGAAAGAGGGAAAAACAGAGCGAAAAAGAGGGAGAAGGAAGGGGAACCA A G A G G A A GAGAAAAGGGAAGGGGGGAGGAAGAAGGGGAAAGGAGGGGAG AAAGGAGGAAGACCTAAACCAAAAAAGGAAAGCCGAAAGGAAAAAGAGGG CCGGGGAAAAAGAGAGGCGAAAAAGGAAAACCAAGGGGGGGGGGCCGGA GAGAGAAAGGGAGGGGAAAGGGGCCAAGACACAAGGGAAGGAGCCAGAG G GCGAGGAGGAAGAGGGGAAAAAAGAGAAGGGGGAAGGAAAGGACCAGG GAAGGGGGAAAGGCCAAAACCACGAGAGAAGGGAGAGTAGGGGAAAAAAA AGAAAGGAAAGAACAAAACACGGAAAGGAAGAGGGAACAGAAAGAGGAGA AAAAAAAACCAGGGGAGACGGGAAAGGGGAGGACAGAGAAGGGAGGGAG GGAAGGAACCGGAAGGGGAAGGGGAGAGGGAGGAGGAGGGGGAGCCAGA
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 AGAACCGGGGGGAGAGGGAAGGGGAATTCAGGGGAAGGCCAACCAAGGAA AAAAGGAACCAGAAAAAAAGAAAAGAAGAGGGAAAAGAAAAAAAGGCCAA AGAAAAAGCCAAAAAAGGGGGGAAGGAAAAAAAAGGGGGGAACCAAAAGG CCAAAAAAGGAAAAAAGGAAAAGGAAGGAAAAAAGGAAGGAAAAAATTGG AA G GAAAAGGAAAAGGAAAAAAGGGGAACCAAAAAACCGGGGAAGGGGGG AAAAGGAAGGCCGGGGGGAAGGAAGGGGGGGGGGGGGGAGACGAAGGGA GGAAGGGAACCGGAGAGAGAAAAAAGGGGGGAAAAGAAGCCGGAAAACAA GACGGGGGGAGGAAAAAGGGGGGGGGGGGGGAAAAAACCGGGACAAGAC GGAGCATAGGAGCAGGGGGGGAGGGGCCGAAAGGGGGGAGGAGGAAAAA CAAAGAAAAAAAAGGGAAAGGAAGATAGAGAAACCGGAAAGAACAAGAAG CAGGGAAAGGGACAGGAAGGGAAAGGGGAAAAAGGACAGAAACGGAGGAA
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 AGGAGAGGAAGAGGGGAAGAAGAAAAGGCCGGGGCCGGAGAATAAAAAGG AA $\operatorname{A}$ GAGGGAGGGAAAAGGGAAAGGAGAAGGGGGGGACCGGGAGAAAAAG G G G G G G G G G A A G G G G G G A A C C C C A A G GAAAA G G G G G G G GAA G G G G G G G G AAAAAAAAAAGGAAAATACCGGTTAAAACAAGGGAAGGGAAAAACCGAAA AA G GAAGGAGGCAAAAGGAAGGGGGGAAAACCAGGGGGAAAA GAAAGGG GGGAAGGAAAAAGAAGGAAGGGAAGACGGAAGACCGGGGAAAAGGGGCC GAAGGAAAAGGAACGACCACCCGGGGGGAAGGAAAAACAAGGAAAAGGGG AAGGTTAAAACCTTAAAGAAAGAAAACCCCGGGGAAGGCAGGTTAAAACA CCGGCAAGAAAAGGCCGGAAAAACCAACAAACAGGGAGCAGAAGGGAAGA GAGGGGGGGAGAGAGGAAGGGGAAGGGACAAAGGAGAAGGCCGGGAAGG AAGGAAAGGAGCAAAGGCAAGGAACAAGAAGAGAAAGAGACAAAACCAAC CAGGGAAGGAGAAACGAGGGGGGCCGGGGAAGGGGGGAAGGAGGAGAGA G G G A A A A A G A A GAGGGAGACAACCGGGGGGACATGGGGAAAAGGCCAACA GGAAGAAAGGAAGGGGCAGAAAGGGAGGCCAAAGGGGGGGATGGGAAGG G G G G G GAAAGGAAAAGGAGAGACCCAAGGCAAAAGAGCCAAGGAAGGAAA ACAGAGGAAGGAGGGAACAGAAAGGCCCCGAACAAAAAAACGAAGAAAGA ACCAAAGGGAGGGACGGACAAAAGACCGCAAAAACGGAACCGGCCAAGGA GAA G G GAGGAAAAGGGGGGGGAACAGGAGGACAAAAAAGGGAGACGCCAA AGAAAAAAAGGCACCAAGAAAAAGGCCGGGGGGAAAAGGAAAAAGGAAGC AA $\operatorname{GAACCAAAGGGGAGGGAGGCAGGGGGAAAGGAAGGGGGGGAACCCGA}$ CСТАAA $\operatorname{C}$ GCCGGGGGGGGAGAGGGGGAAGGCAAGAGGGAGGGAGAGGAG AAAAGGAGGGAAAGGAAGAGGGGGGGGAAAGAACCGACAAGAAAAAAGGG GAAGGGGGGAAGGCAGGAAAGGGGAAGGAAAGGAAAGGGGGGGGGGAAG CCGGTTGGAGCCGGGGAAGAAAGGGGGGGGTTAAGGAAAAAAGGGGAACC AA $\operatorname{GGGGAAAAAAGGGAGGAAAAAAAAAAGGAAAGGGGGAAAGGAAAAGGG}$ AA $\operatorname{A} A A A G G G G C C G G G G C C G G A A G G A A G A A A G G G G A C G G G G G G A C A A C G G ~$ AGGCAAGAAAGCAAACCGAAAAAAACCAAGGGGGGGGAGAAGGGGGGGGA

AGGCCGACCGGGGAAGGGGGACAAAAGGGACCGGGAAAAAGGAAAAACCA GGGAAGGGGCAGGACGAGGCAAACCGGGAACAAGGAAGAACAAGGAAAAA AGGAAAACCCCCCAAGGAAAAAAAAGGGGAGGGAGGAACAAGAAGAAGGA AGGGGAAGGACAAGGGGGGAAAAAAGGGGAAAGGAGGAAAGGGAAAAGG AA G GAGGAGGAGAAAGGAGGGGCAAGGAAAGGAGAAAGGGGAACGGGGG GAAAAAAAAGGAAGGCCAAGGGGGGACGGAGAGGGGGAGAAAACCAAAAG GAAAAGGGGCAGGAGAAGGAAACGGAGGGGGGAGGAGAAGGAAAGAAGA AGGGAGAAAAGGAACCACGGGGGAGGAGAGAAGGGGGGGAGGGGAGAAC CGGAACCAGGGCCGGCCAAAAGAGACCGGGGAGAAAAGGCCAAGGGGAGG AAAAAGGAAACAGAGAGAAAACCGGAAGGCCGGAAAAGAAGAAAAGACAA AA GGGGGAAGGCAGGAAGGGGGAAGAAGGGGAAGGAAGGAAGGGGCCAA GAACAGGGGGGAGAAACCAAGGGGGGGGAAGGGGAAGGGGAACCGGGGA AGGGGAGAGAGAGACGGGGGGCAGGGAAAAAAAAAGGGGAAAAGGAAGG GGCCGGGAAAGGGGCCAGACGGGGGGGGACGGGAGAAGGGAGGGGAGGG AGGGGGGGGGGGGAGAAAACCAACCGGGGGAGGGGCCAAAAGATTAAGG GGGGAAAGAGAGAGAGAGGAGGGGGGAGAAAAAGGAAAAAGGGGGAAGA AAGAAAGAGGAGGAAGGGAAGGAAGGAGAACAGGAAGGGAACCGGAAGGC CAAAAGGGGCCGGCCGGGGAGAACAAAACAGAAAAGGAACCAGGGGGAGC AGAAAAAAAAGGAAAAGAACAGAGAAGGAGAAGAAAAAACCAAAAGGAGA AAAAAGAACGAAAGAGGAGGGAAAGAAGGAGCAAAGGGGGGGAAAAAGAC CAAGGGAAACCAGAGGGCCATGGAAATGCAAAAAGAGGACCAAGGAAGGC AA $\operatorname{la}$ AGAGAGGAAAAGGTTAGAAGGGAAAGGGGAGAACCAAAAGGGAGAG GAGAGGAAGCGGACACCGAAGAGAAAGAGGGGGAGGGGAGAGGAAAAACC CAAGAAAGGAGAGAGAGGACAAAAGGGAGGGGGCCCCAGGAAGAGAAGGG AGGAAAGCCAAGGACACCAACAAGGAAAAAAGGCCCCAGAAGAGGGGAAG GAGAAAGAGGGGAAAAACCGGCCCCGAGGAGGGAAAAGGAAGAGGGGGG AAGGGAGAGGAAATGGAAAAGAAGCAGGAACAAAGGGGCCGGAAGGAAAA GGGGAAAGACCCGAACAGGAGGGGAGGAAACCCCGGTTTTAGAAGAAGGG GAAGGCAAGGGGGGCAAAACGGAAGACCGGAAGACCAAGGGGAAGGAAAA AACCGGGACCAAGAAAAAAACGGGAAAAAAAAAAGGAAGGCAGAGGGGCA CCGAAAAAAAAAGGCAGACGCAGAGAGGGGAAAGGGGGAGGACCGGAAGA AGAGGGGGGGCCAAGGGGCCAATTGAGGGGGACAAAGGAGGAAGAAGGA AAAAGTAGGGGAGAGAAGAGAGGGAGGGAAGGAGGAAGGGGGGGGGGAG AA $\log$ GAAGGGGAGTAGAGAAAACGGGGGAGGAAGGAACCCCAGAAGGAA AA G G G G G G G GAGGGAAAAGAGGGACCAAAGGGAACCGGAGGGAAAAAGA AAGAAAAGACCAAAGGGGGGGGGGGAGAAGAGGAAGAACGAGAAGGAGG CGGAAAAAGGACGAACGAGAAAGGAGAAAGGGGGAAGAGGAAGGGGAAG GAGAGGGAGGGAAGAGAGAAGAAGGAAAAAACCGGAAAAAGGGAACCGGA AGGAGAGGAAGATAACCAGGGACGAAGCCAGGGAAAAAAAAAAAGAAGGG GGGAAAAAGGGGGGGCCAGCCAAGGAAGGAAAAAAGAAGAAGGAAAAGGG CAAAAGGAGGGGAGGAAGGAAAAAGGGAGAAAAAAAAAGAAAAGGAGGGG AA $\operatorname{l}$ GAGGGAGGGGGGAGAGAACAGAGGGAAGGGGGGGGGGAGGAAAACC ACGGGAACAGAAAGACACGGAAAACAACAAGGAAGAGGGGGGGGACCAGA GGGGAGGAGGCCAAAAAAAACCGGAACAGGACGGGGGACCAACCGGGGAA GGACAGAAGAGGAAAGAAAAGGCCCAGGGGGGGGAAGGAAGGAGCAAGG AAGGAGGGGAAAAGGAAAAAGGGGAAGAAAAAGATGAAAGGGGCCGGGG GGGGAAAGAAAGCAGGGGAAAACCGGGGAGGGGAAAAAGGGAGACAGGA TAGGGGAGGAGACGGAACCAAAGACGGACAAAAGAGAAGGGAAGAAGGGG GCAAAAAAAGGGGAAGAAAAGGAGGAGCCGGAAAAGGAAGGGGGAAAAAA GGGAAAGATGGAGGGGGGGAAAAGGCACAGGAAGAAAGGGGCAAAGGGA GGAGAAGGGGGAAAAAAAAAAGGGAAAAAGAAGGAGGGGGAAAGAAAAAA GAAACCAAGGGGAAGACACCGGGAGGAGAAAAAGAAGGGGCCAAGGAGAG AGGAAAGAAAAGAAAAGGAAGAAAAGCCGGAAAAGAGAAGCGACAGAGGG AAAAGGAGGGGGAGCAACGGGGAAGGACAACCAGACGGGGGAAAGGGGC CGAAGGGGGGGTTGACGAAGGCAAAAACCAAGGAGGGAAGAGGAGAGCAG AAGAGAAAGAAGGGAAAAACCAAAAGGCAGGAAAGGGGGAGCAGGGAGGG ACAAGCAGGGCGGGGGGACCCAAGGGGGGCCGGGGAAGGAAAGAGGAGG AACAGAACGGAAAAAACCAAGGGGCAAAGGGGCAGAAAAAGGAGAAGATT AAGAGGAGCCAAGGGGCCGGGGGGCCGGAAAAAAAAGGAACCGGAAAAAA GGGGAAAAGGGGAGAGGAGCAGAAAAAGGGAGGGAAGGAGAAAAGAGAA GAACCAAAGCACACAAGAGGGAAAAGAAGGGAAGAGGGGCCGGAATTAAA

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$28137000-9$ GAGGAGCCGGAGAGAGAAGGGGGAAAAAGGAGAAAAGGGAGC CCCCAAGGGGGGAAGGAAGGGAGGCCAAAAGGAACCAAAAGGGGAAAAGG AACCGGGGAAGGCCAAAGCCGGGGAAAGCCAAGGAAAGAGAAAAGGAGAG AGACGGGGAAAGAAGGAAAAAAGAAAGGAAAGCCGGGGCCGGAGGAGAAA AAGGAAAAAAACGAACGGACAAGGGGAAGGGGGGAAAGAGAGACGGACGG GAGGAGAAGGGGGGGGGGGGGGGAGAAGAGGCAATTGGAAGGAAAGAAA AAGGACCGGGAAAGAAGAACCGGAGGGCAGGCAAGGAAAGAGAAAGGGGG AAGGGAAGGGAGGCAAAACAGGGGGAGGGCCGGGGAAACAAAAAAGAAAG GAAGGAGACGGCCAAAAAAGGAAGGAACCGGCACCCCGGAGAAGGGGAAG GCAAAAGTTAAAGAAAGGGGAAGAAACGAAGGAGAAAAATTCCGGGGCCG GGGAAGAAGAAGGGAAAGAGAAAAAGAGAAAAAGGCAAAACAGAAGAAGA AAGAAAGAAAGGGCAAAAGGGACGGAAGGAAAACCGGAAAAAAACAAACG GACGGCAGGAAAAAAGGAAAAGAAGAGGGGGGGGAAAAAGGAACCGAGAG GAGGAGGCCGGGAGGAAAAAAAGAGAGAAAAGGGAAAGGAGAGAACCAAG GAAAAAAGGGGCAGAGGGGGGGGCACCGCGGGGGGGGGGGAGGAGAGCA AAAAGGAAAAGAGACAGGAAGGGGCCAAGGGAAGGGCCGGTTGGGGGAA GGGGAAACCGAGAAACAAAAAAGGAAAAAAGCCGAAAGGAGGGGCGAGAA GGAAAACCCAAAGCAGGAACCAGAGAAGGAGCCGGACAAGGCCGGAAAAA AGGGAAAAGGGAAGGGGGAAAGAAAAAGGAAAGAAAAGGGGCGAAAAAGG GAAAGGAGAAGAGAAAAGGGAGGAAAAGAGGGGCCAAGAGGCACCAAAAA ACCAGGACGGAGCAAAAAAGGAGGAGGGGAGACGGGGAAGGAAGGAAAAG GCCGGGGAAGGATCAGAGGAGAGCACAACAAGACAAAACGAGAGGAAGGG AAGGAGACCGGGAAAGGGGCCAGAAAACCAAGGGAGGGAGAAGGGAACCA AAAAAGACCAGCCAAGGAAGGAAGGGGGAAGAGAGAGGAGGGGGAACGGC ACCCAAGAGAAGAGGAAGGCAGACCCCAAAAAAAAGGGAGGGAGGAACCA AGAACGGGGGGGGAAAAAAGGAAAACCGAGGAGGAGGGGAAAGAAGGAG GGGGCAAGGGGAAAAACCGAAAAAAGAAAGGGGGAAAAGGCCAAAGGGAA GGGACAGAAAGGGGAATAACGGGGGGCCAAAGGAAAGAAAGGGAAAAGAG TAGGAGAAGGGGGGCAATGGCAAAAGAAGGCCAAAGGGAAAAAAGAAAGG GGAAAGAAAAGGTAGGGGAGGGGAAAAAGAAGACAAAGGGGGAAGAGACC AGGGAAAAAAAAGGGGAACGGGACAGCCGAGGGGCCAAAGCAAGAAGGAC AGCCAAAAAAACACGGAAGAAAAGAGAAAGAACAAGAAGGGGGGAAAAGG AGAGGGTTAAGGGGGGGAAAGGAAGGGAAAGGAAGAACAAAGGAAAAAGG GAAGAGAGAGAAAGGGAGGGAAAAGGAAGGGGAGAGGGGGAAGGAAAAA AGGAAAAGAGGGAAAGGGGAAAAAAGGGGGAGGAGGGGGGGAACCGGGG

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CAAGAGGAGGGGGGAGAAGTTAAGGAAAAAGGGGGGGCAAGAAGGAAAAA ACCGGCAAAGGAAGGAAGGAAGGAGGGCAAGGGGGGGGGGGAAAGAAAG GAAACCAGAAGAAAGGGGAAGGGGGAAGGGAAGGGGAGGGGGAAAGAAG G G G G G G G AA G G A AAAAAGGAAAAAACAGAAGAGGGAGGGGGAAAAAAAAG G G G G G G G G GAGATGGGAATGGGGGGAAGGAAGAGAAAGAAGCCCCAAAA AACCAAGAGGAACCGGAAAATTAAGGAATTTTCCAGAAAAGGAGGAGGAG AAGAAGAGAAGGGGTTACAGGGCCAATACCAGGGAAGGAGGGAAAAAAAA GGAAACGGAAGACCAAGAGAAAGGGGGGGGAAAAAACCAGAAGGAAAGGG CCAAGAAAAAAGGGAGGGGGCCCCGGAGCGGAGAAAGACCAACGGGAGGG G GAACCAAGGGAAAGGGAAAGGGGAAAGAAAGGAGGAACCGAAGAGCAAA GGTTACAGCCGGCCGGAAGGAAAAGGGGAAGGGGAAAACCAACCGGGGAG AGAAGGGGGGAGAAGAGGAAAAGAGGAAGGGGAAAAAATTGGCCAACCAA GGAAAAAAGGAAGGGAAAGGAAAAGGAAAAGGGAGGCCAAGGAAGGGGAG CCCAAGAAGACCAAGGGGAAACGGAGAGAACCGGGAGGAAAAAGGGGGAA AA $\operatorname{A}$ GGAGGGGAAGGGGGGGGGGGGGGGAGGAAAAAGAAGGAGCAAGACA AGGGGCCGGTTGGGGGGAAGGGGAACCAACCAAAAAAAAAACCCCAAAAT ATTGAGAAAAGCAGACAAGGAAGAGAGCACAGAGAGAAGAGGGGGAAAAA AGGGGAAGGAAAACCGGCCGGAAGGAAAAAAGGGGAAGGGGAAAACCGGC CGGCCAAGGAGAGGAAAGGAGGGAGGGAAGGGGCCAAGGATGGGAGAAA G G CCGGGGAGGGCAAGGAGACAAAAACAGGGGGGAGAAGAAAGGTACCAA CCAGTTGGAAGGAAGGAAAAAAGGAACCAAAAAGGGGGAAAAAAAGAGAA G GAGAAAGGAAGAACCGGAAAAAAGAAACCACAAGGAATTGGGAAGAAGG AACCGGAGCAGGGGAACCAGAGGGAAGGGGCCAGAGGGAGAGCAAAGGAA G G G GAGGAGGGCAAAGAAAAAGGGAGGACCAAAAAGAGCCAAGAAGAACC G GAACCGGGGACAGCCAAGAAAAAAGCCAGGGGGAAAGCCGAAGCCGGGG G G G G G G A G AA G GAAGGCGAAAGGGGACGAGACAGAAAACCGGTAGAACAG CCGGAAAAAGTAGAAAAGGGGGAGAGACAGAGCAAAGAAAGAAAAAAGAG AAAAAAGGACGGAGGGGGAAAGGGGGAAGGCCGGAGCGCAAAGAAGCCAA AAGAGGACAAAGCCAGGACGGGAGAGAGGAGGGAGGGGAGAGGCAGAGA AAAAAAAGAGACCAAAAGGGGCCGGAGGAGGAAAAATGAAAAACCGGAAA AAAGGGGGGCAAAAAGAAAAAGAAAACCCGACCAAGGGGAGGAAAGGGAC CCCGGAGGGCAAGCCAAAGAACCAAAAAAAGCCGGAAAAGAGGCCAAAAG GCCGGAAAAAAGGCCGGCCAAAAGGCCGGAAGGAGAAGAAGAGGAAGAGG AAGCATAAGAGGAGAAAAAAAGAACGAAGCAAGACGGAGACGGGGGGAAA AGAAACCGGAAAAGGAACCAACCAACCGGGAAAGGGAGGGGGGCCGGCAA AAAGGAAGGGGGAATGAAAAACCCCGGCCAGGAGGGAACCAGGGGGAAAA AGAAAAAAAGAAAAAAAATGAGAAAGGAAAAGGGGGAAAAGGGCCGGCCG GAAAAGGGGGGAGGGCCGGGACCAACCGGTTGGGGGGCCAAAAGGAAAA G G G G G G A GAAGGGGGGAAAAAGACAGAGGAGGAAAAAAGAGAGAAGGAA ACCGAGAAAAAAGAGGGAAAAACTTGAAAACGGAAGAAAAAAAGAGGAGA CCCGGATGGAACACAAAGGGGGCAGGGAAGACGAGCCCCGGGAAGGGGG G GAA $A$ A G GAAACGAGAATGGGGGGGAAAAGGAAGAAGAAGGGAAAAGAAT GGGAAAAAGGGGAAGCGGAGGAAAAGAGGGGGGAACAGAGAACCAAGGCC AAAACCAACCAAGGGGCAGGAGAACCCCGGGGGGGGGGGGAAGGGGAAAC GGAAGGGGGGAAGGAAAATAGGAAAAAAGGGGCCCCGGAGAAAAAGCCAA AACCAAAAAACCAGGAAATTGGAGGGAAGGAAGAGGCCGACAAAAAGGAG AAGGAAGACCAATTAAAAACAAAAGGAAGAAGGAAAAAAAGAGGAGAGGG AGCCGGGGGAGAGGGAGAAACCGGGAAAGAAAGGAGGAGAGAAAAGGGG GCCAAGGGGGGAAAAACGGAGCCAGAAAGAGGAGGAGAGGAGACAGGAAA AGGAAAGCAAGAAGGCCGGGGAATTAAGGAAGGAGGGGGAAGGAAGGGA AACGCCAAAAGGGGGGAAGGGGGGAAGGAGGCGGCCAAAGGGAAAACCAA GGAGGGAAAAGGGGAGAGAAGGGACCAGGGAAAAGGAGGAAAAACCGGAA AA $\operatorname{l}$ GGGAAGGAAGGAGCCGGGGCCAAGGAAAAGGGGGAAGGAAAAAGAA GAGGGAAAGCACAAGGGGCAGAGCAGGAGGAAGGGAGGAGACCCCAAGG GGAAAGGGACAAAGAAGAGGAGGGAAAGTTCCAGCCGGGGGGAAGGACG GAAGGGGGAGGGGGAGAAGAGAAAAGGAAAAGGAAGGGGAAGAGAGGGA AAAAAGGGAAAAGAAATTAGGGAAAAGGAAAGAAGGAGAAAAAGAAGGGG GGCGAACCTTGAGGGGGGGGAGGACGGAGGCCGGAGGGACGGAACCGGG AAAGAAAAAAAGAGGCCGAGAAAGAGAAAAAGGCAATCCAAAGAACGAAA CGGAAGGAACCAGAAGGGGCCAAGGGAAGAGAAGAAAAAAACCTTGAAGG AAGAGGGGGGGGGAGGGAAGGAACCAAAAAGGAGAGACCACAAAAGGGGA

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AGGAGAGCAGAGAGAAGAAGCCAGCCGGAAAACCGGGGGGAAAAGGGAAA GAGGGGAAAAGGGGGAGGAAAAGGAAGGAGAGGAACAGGGGAGACAGGA AA $\operatorname{A} A C G G A A A G A A G G G A A G G C G G A A G A A A G G A T A A A A A G A G C C G G A A G G A$ AGGGGAAAAAAGAAGCCGGGAAGGAAGAAAGGGGGAAAAACGCCACCAGG A G G G G G GA $\operatorname{A} A A \operatorname{A} G \mathrm{G}$ GGGGGACGAAAAAGAAAGGGGAGAAAGGGGAGAGA A G AA G GAAGGACAGAGAGCAGGAGGGGGCCGGAAGGGGAAGAGGAACAA GAAGAAGGGAGGGAAAAGGAAGGAAAAAAAAAAGGAGAGGGGGAAGGAAA CAAGGCAGGGGACGAAAGGACGGGAAGAAAAGAACAAGGGGGACAGGAAG GGGTTAAGAAACAGAAAACAATAACGAGAAGAGAAGAAAGGGGGACCGGG GAAAAGGAAGAATCCCCGAAGGGGGGGAAGGGGAGGAAAAACACACCGAA CCGAAAACCAACGGAGGAAGGGGAGAGAACCCCAAGAAAAGCAGATTGGG GAGAGAGGAGAGGAAGGGGGAGACAGAGACCGAAAGGAGGGGGAAGACC G G G G G G G G G G G GAAAAAACCAAAGCCGACAAAGGGGCCAGGGCCAAGGCC GGGGGACCGAGGAGAAGGCAAAAAAAAAAAGGAAGAGGAAAAGGCCGAGA ACGGGGAAGGAAAAAACCGGGGGGGGAAAATTAGGAGAGGAAAAAGGAGG GGGGGAAAAGAACCGAGAGGGAGAGGACGAAGAGAAGAGGGGAGAAAAG AAGGGAAATGAGAGGAAGGAAAAAGAAGAGAGAGAAAAACCCCAAGACCA AA $\operatorname{H} A \mathrm{~A} G \mathrm{G}$ GGAGGGAGGGCAAGAGGGAAGAGAGAAGGAGAGAACGGCAAG C GAA $\operatorname{l}$ G G GAGGGAACCGAGAGGGGCAGAGGCCGAGGAAGGCCCCAAAAAA AAGGGGGGAACCGGTTACGGCCAAGGGGAGAAGAAGGGGAGGAGAGAAG AAACCGGGGGGAGAAGGGGCAGGAGAGAAGGGAAGGAGAAGGAGGAGGG AAGGAAGAAGAAAAGGAAGGAAGGGAGAGGAAAAGGAAAAGGGAGAAGAG GGGACCGAAGGAAGAGAACAAAAAAAGGAAGGGGAGGGACCAGGAAGAGG GAACGAACAAGGGGTTGGAAGAAGGGGGAAAAGAAGCCAGAGAGAAAGGA AA $\operatorname{l}$ A $\ln$ A A G G G G GAGGGGGGGGGCCGAAGGGAGAAGGAGACAGAAATAGA AGGAAAAAAAAAAAAAAGGGGGGGGACAAAGCCGAAGGGCCGAGGAACAG GGGGAAAGGAAGGCCACAAGGGGAAAAAAACGAAAGGAAGAGGAGGGGGA AAAGGGGAGAGGGGCAGAAGGAAGGAAGGGAAGAGGAGGGGAAGGAAAA CCACAGAAGGAAAGGAAGGGAGGGGGGGGAAAGAAGGAGGAGAGAAAGA AGGGGGGAAGGAAAAGAAAGGAAGGAAAAAGAAGGAAAAGGACAGAGAAG AAAACAGGAGGAAGGAAAGCAGGAAAGGGAGCCGGGGGGCCGGAAGGGA AAAAAAAGAGAAGAAGGGAAAAAAGAGAAAAAAACCCCAGGGGGATAGAA G GA GAA G GA G GAAGGGGGGGGGCCGGAGGGAAGGGGGGGGAAGGCCAAA AGACCAAGAAGAAGAGAAAAAAGAAGGAAAGCCGGAAAAAAGGAGGGAAA A G G G G GAAGGGCCACAAAACAGGAAGGAAAAGGCCAAGGAACCAGAAAGA
 GGGAACGGAATTAAAAGGGGGGCCGGAAGGAAGGAGGGGGAAAACCCCGA GGGAGGGAGGAGAGGGGGAGCCAAGGGGCCCCGGGAAACCGGGAGGGGA AA $\operatorname{G}$ GGCAGAGGAGGGGGGGACGGAGAGAGACAACCGGCAGAGGGGAAAC GGAGGGAGGGGGGGAAAAGGAGAAAAAAGGGAGGAGGGAAGGACGAGAG GCCCCGGGAGGGAAGCCCCAGGGGGAAGGGAGGGGGAAGCAAGAGAGAG GGGGCAAGCCGGGGAGAGGACCGACCGGCCGAAGAAAAACGGAAAAGGAA CCGGGGGGCCAGGGAAGGGACCAAGGCCGGGGGGGGGGAAGGAAGGACA G GAAGAACCGGGGGGGGAGAAGGGGGGAAGGGGAAAAAAAAAAAAAAAAA AGGGGCAGGACAGAGGGGGGGGAGGCCAAAAAACCAAAAGAGAACGGAAA AAAGGAGGGAGCCGAGGAGGGAACCAAGAAGGGGGAAAAAAAAGGGGGG AA $\operatorname{l}$ GGGAAGGGGTTGGAACCAAAAGGGGCCAAAAGGGGCAGACCAGGGAA AGGGGGAAGGAAAAAAGGAGAGCAAGAGAAAAGGGGAGAGGGGCAAGGA GAGGGCCGGAAAGGGGGAAGGGGACCCGGAAAGGGGAACGGAAAGGAAG G GAA $\ln$ GAGAAGAGGGAAGAAAGTAGGAAGAGGAAAAGAGAGGGGAAGGA
 AA G GCCAACCAGGGGGAAGAGAAGAGAGCCAAGGCCGAAAGAAAGGAAAA GAAAACGGAGGGGGAAAGAGAAAACAAAAAAGAGAAAGACGAATCCGGAA AA G G G GAAAAAAAAAAGGGGAACGGAAACCGGGGGGGGGGCCCCAAAAAC AAAAGGGAAACCAACAGGAAAAGGTTCCAAAAAAGGAAAAGAGAACGGAG AAAACGCCCCAAGGGAGGACGAGAGGACCAGGGGAAGGGGGGAGGGCCG CAAAAAAGGAGGGCCGGAAAAAAGGAAGGAAGAGGGGCCAAAGAGGGGGG GGGAAAAGAAAAACAAAGGGGAAAAAAGGAAGGCCGGAAAAGGGGGGAAA AAAAACCGAAACCAAAACCAACAAAAGGAGGGGGGAAAGGGGGGGCAACA AGAGGAAAAGAGAAACCAAGGAGAGAGCAAACGACGGAAAAGGGAGAGAA AGGACGGGGAAAAAAAAAAAACAAAGGAAGGGAGGGGAACCAGAAGGGGA

G G GAAGGGACCGGAGCCAAAAAAAACCCCAACCCGAAAAAAAAGAAACCA AAGGGAAAAAAAACAGGGAAGAGCCCCCAAAGAGGAGGGAGAAAAGAAGA G GAGGGGGGGGGGAAGATTGGGGAACCAAAAAAGGCAGACCAAAGAAAAG GGGAAATAAAACAGGAAAACCAAGGCCACCAAAAAGGAAGGAAAAGGGGA AA GAGCGGGGGCATAAACAAACCGGAAAAAAGGGGAAGGAGAAGGGGAGG GGGACGGAAGAGAAGGAAGAGAGAGAGGGGAAGCGGGAAGAGCAGAGAA AGGAACAAAAACGAGGCCCCGGAGAACCAAGGAGAGGAGGGCAGGGGAAG G GAAAACCGGGGGGGCAGGGGGAAAAAGGACCAAGGGGCCGGGGGGCCG AAAAAAGAGACGAAGGGAATAAACCAGAACAAGAAGGGAAAAGCGCAGGA AAACAACAAGAAAGGAGAGGAGAAACCCCCCGACAGAGGAAAAGGGGAAG GAAAAGGAGAGGAAACCAACCAAAACCGGAAGGCCAGGGACAAGGAAGGC CGGAAGGAAAAAGAAGGACGGAACCAAGGAAGACCGGGGAGCCAGAAAAC CTAAAAAAAAAGGGGAGAGGAAGAAGAGGAAGGAAAAGGATCCAAAAGGG GACAACCAGGAGGAAAGGAGGAGAAAAAGAGGAAAAGCCAGAAAAAGAAG GGAAGCAACAAACGGGGGATTAAAAAAGGCCAGAAGGAACCAAGGGGACA AAAGGGGGGCCAAAAGGCCAGAGGAAAAACCAGAAAAAGGGGAAAAAGGG GCCAGAGGGGGACGGAAAAAAGAGGGGGGGGGGAAAAAAAAGGAAGGGG GGGAAAAAGGGGAAGGCCAAAACCAAACAAACCCGGCCAAGGAAAAAAGG G GAA $A$ AGGGACCACAAAGAAGGGGGGAAAAGGAAAAAAGGGGGGAATTGG AACCGGGGGGGGAAGGGGAAGGGGCCAAGGAACAGAGAAACCGGAGAGG AAAAGAGCCGGGGGACAAGGAACAAGGAAAGGGGAAGGGGGGGCAGAGA G GAAAAGGGGAGAAGGGGAAAACCGGGGAAAAAAAAAGCAAGAAGACACC AGGAGAAGACGGAAAGCCAAACAGGAGGAAAGGGAAAAACAAAAAAAAGG AAAAGGAAGAGGAGAAAAGAAAGGGGAGCAAAAGAAAAGGGAACAGAAGG CAATAAAGGGGGGGACGAACACAGGGAAAGCAAGTTGGGGAAGAGGGGCC AGGGAGAAGAAAGGAGAAAAAGAGAAGGAAGGGGAACCAAGGAAAAGAGA AGAAGGGGAAAAGGAAGGGGGAAAGAGGAAGAAAAAAAAAAAGAAACCAA GGGGAAAACCAAGGAAAAGGGGAAGGGGCCAAGGGGGGGAAGAAGGAGA ACCAGAGAGGGAAAGAGGACAGAGGAAGGGGAGAAACAGAAAGTTGAAGG GAAAAAGGGGGGGAAGGGGAACCAACCGGGAGGAGAACCGGGGGGAGGA AACCGGGGAGGGAAGGGGCCGGAAAAAGGGAAAAAAGAAAAAGGAAGGGG AAAAGGAAGGAGCAAACAAGAAAAGGAGAAGGGGAAGGAAAAGGAGGGGA AAAAAAGAAAGGAAACGAGGGAAATTAAAGGAGGAAGGAAAAGGGACAAG A GA GATGGGATAGGGGGGGGAACCAGAAAGCAGAGGAAAAAAGGGGAAAA G G G G G G G G G G G A A A G GAA G GAAAAGGAACCGGAAAAGAAACCCCCCGGCC AGAACAAGGGATGGCAAACAGGGGCCGGAGCCGGGGGGAACGAAGGAGG GAGCAACAAAAGAAGGGACGAAGGGCCGGAAAAAAAAGGGACCGAGGAAG GAAA G G G GAAA GAAGGGAAAGGGAGGCAGGAGAGGGAGGGGGGAAAGGA CCGGGGGAGGGGGGGGAGCAGGAAGGAAGAAAGGAGACCCAAAAACAAAA G GAA $\operatorname{G}$ G GACCGGGGCCGGAACCGGGGGGGAAGGGCCCCCCAGGGACAGA GAGAAACAAAAAGGAGGAAAAGGAGAGCAAAGGGGAAGGGGAAAAAATTG GGGCGAAGAAGAAGGAAAAGGGGCCGGGGAAGGAAGAGGAAAAGGAGGG AACGGGGGAGAAGGAAAAGGGGGAAGGAGGGAGAAACCGAAAAAGGGGG GCCGGAAGGAGAAAAAGAGGGGGAAGGGAAAAACCGGGGAAAAGGGGGG AGAGGGAAAGAAGGAAGGCCAAGGGGCAAAAAGGAGGGAAGGAAGGGGG GAAAAAGAGAGACGGAAAGGAGGAGAAAGAGGGAGCCGAGAGGACGGGAA AAAAAGGCCAGAGGAGAAGTTAGGGGGGGGAAGACAGGGAAAAAGCCGGG AGACCCCGGAACCGGGGAAAAGGGGAAGGAAGAAGACGGGACAAGGGGG GAGGAGCCAAAAGAGAAAAAGAGAAACAAAGGGGGGGGCAAAGGGGGGGG GAAAAAAGGCCGAAACCTTGGGGCAGGGAAAGGGCGGCCAAAAAGCCCAA AACGAGGCCGGGGGGAAACGGAAGGAAGGAAAGAAAACCAAAGCCAAGGG A G G G GCCGGAGAGAGGGGGAGGAAAGGCCAAGGGGGGGGAAGGCCAAGG AAAACGAAGGGGCCAAAAAAAGAGAAAAGAAAGAAACCGGGGAAAGGAGA CCGGGAGGGGAGCACGGAGAGAAAGGAAAAAAGGGGGGGGAAAACCGAG AAGGACAAAAGCAGACAGGAAAAGGAAAAAAAAGGAGGGAAGGCCAAAAA AAAAAAGAGAAGGCCGGCAGAACGAGGGAGAAGAAAGAAAAAAATAGGGA AAAAAAACCAAGACAGAAAAAAAAAAAAACCGAAGAGGAAGAAAAAAAACC AA G GAAAGGGGGGGGGGGACCCGGCCGGAAAAAACAAAAACCAACCAACA AA G G G GCCCCAAAGAAGGGACCGGAGGAAGGGGGCCAAGAGAGAGGAGAA G G G G A G G A CAAGGAAAAGAAGGGGGGAAGGGGCCGGCCGGAGGGGAAGG AAGAAAAGGACCACAGAGAGGGGGGACCAGGAGCCAGAGAAGGAAGGAAG

GGAGAGGAAGAGCAGAAAGGGAGACAAAGAGAAGGAAAACCACAAAAGAA GAAAGGGGGGGAAGGGGGGACAGAAGGCAGAAGAAACGGCGCCGGGGAA AAAAGGGGCCGGGAGGGGAGCAGGAAGGAAAGGGAAGGAAAAGAAAGGG CAAGACCGGGGAAGGAAAACCAACCAAGGCCAAGAAAGAGGGGGGAGGGA GAGGAAAGAAACCCCAAAAAGGCGGCCGGGGCCGGGACAAAAAACAAGGA AA $\operatorname{l}$ GGAAGGACGGGGGGAAAGGAAAAAGGAAGGGGGAAAGGAGGGAAAA GGGAGGGAAAATAAAACAGAAGCAGAAGGGAACCGGAAGGAACCAAAGAG GACAAGAACCGAAAGGGGCCATAAACAAAACCAAGGGGAAGGGGGGGGGG GGAGAACCAGAGGAAAGGGAAGAAGGGGGGCCAGAAACAAAGGGGAGAAG GGGGAAAGGGAGAAAAGAAGCCGGGGAAAAAAAGAGGGAAAACAAGCCCA GAAAAAAACCGCCCGGAGGAGGAGAGAAACAGAAGACCAAAAGGGAGGGA GGAAAAAGAAAGCAGGCCGGAAGGAGAAGGGGAGGGAGGAGGAAGGGAG GAAAGGGGGGAAGAGGGGGGAGGAAGGGGAACCGAAGATAGGGAAGGAG CACAAAAAAAGGGGGAAAGAAGAGGGGGGAAGGAAAGGGGAAAGAAGACC GGCAGAGGAAAAGGGGAGAGAAAGGGGGAAAGAAGGGATTGGAAGGCGG GAAGGAACCGGGGAAGGAACCGGGAGAAGGACCAAGGAGAAAGCCGGCCA
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AAGAACCAGAAAGAACCCCGAGGAAGGACACAAAAGAAAGGCAGAAAACG G G AA $\operatorname{l}$ GGGGGGAAGGAGGAGAACGGGAAGAGGGGGGGGGGAAGAAAACA GGAGAAGGGAGGGGGAAAAGGGGGAGAGGGAAAAAAGGGGGGAAAGGAG GGAGGGGGAAGGAAAGGAAAAAAAAGGCCGGGAAGAAGGAAGGAAGGGG G G G G G G A G A G G G G G G G G GAAAGAGAGAGAGAAGGAAGGAAAAGGGGAAG G G G G G G G G GAAAAAAAACCAGGAAGGAAGCCAGGAAACCGGGGCCGGAG GAAGGGCGAGGGGGAAAGAACCGGAAGGGGGGGGCCGGAAAAAAAAGGG GAGAAGAACAGAAAAAAAAGGGGAAAAGGGGAAGAGACCACCCAGCCCCC CGAAGAACAGGAAGGAAAGGGAAGGAGAAAGAAAAAAGACCGGAAGGTTG AGGGAAGGGAAAAAAAAGAGGAAGGACAAAAGGAAAAGGAGAGAAGAACA AGGGGGGAAGGACAGAGGGGGGAGGCCAGGGCCAAGGAGGAAACACAAA AACCCCCCAACCGAAAACGGGAAGAAAAAAGGGGGGAAAAGGGGCCGGGG AACCAGAGGGAAGGAGAGAGGGAGCCGAGACCAAAAGGAACCCCGGAAAG AAAGGAGCAAACAAAGAAAAGGAAAAGGAAGGGGAACCGGCCAAGGGGAA AAAAAAGGGGCCGGACGGAAGGAGCGAAGGGGCCAACCGGGGGGAAAAAG GGAAAGCCGGAAGACCGGGGAGGGAAGGGGGGAAAAAAGGGGGGCCGGA AAAAAAAGGAGGGAAGGAAGGAGGAAGCCAAGAGAAGGGAAAAGAGGCCG GAAAGAAAAAGAAGGGAGAAACCGAAAGGAGAAGGAGAGAACAGGGGAAA ACCGAAGCAAAAGAAAACCACAGGGAAGGAGAAAGGGGGAAAAAAGGAAG GGGACGGACGAAGGGGAGGAAGGAAAGGGAAAGGGGGGAGAGGGGCCAA CAAAAGAAAAGAGGAAGGGGGGGGGGGGGGGGGGAAGGAGAGAGAGAAG G G GAA $\operatorname{G}$ GAA $\operatorname{G}$ GGGGGAAGGAAGGAAAAGGAAGGAAGGAAAAGGGGAAAA G GAAAAGGAAAAAAAAGGCCGGAAGGGGAAGGCCGGGGAAAAAAAAAAAA AA $\operatorname{G}$ GGGAAAACCCCGGGGGGGGGGGGAAGGAAAACCGGGGGGGGAACCC C GAA $\operatorname{l}$ GGAGAGGGCAGGGGAAGGAGAGGGGAGGACGAGAGGAGACGAAG GAAAAAAGAAGGAAAGAGGGAGAGGAAAGGAAAAGGAACCGGGGAAAGGG CAGGCCAAAAAGGGGGGAGGAAGGGGAAAAAGAACCAAGGGGAAGGACGG GGAGAAAAGAAGAAAAAAACAAGGAGGGAAAGGGGGGGAAAAGAAAAAAG GAACGGAAGGCAGGCCAGGACCAAAGACAGGGGGACAAGAGAGGGGGAAG AGGGAAAAGGGGGAGAACGAGAAAAGGGAAGGGGAAGGGGCAGGACAAG GAAAAGGACGGAGCCGAAAAAGGGGGAAAGAGAGCAGGAGAGAAGAAAAG GGGGGCCGGGGGGAACCAAGGGAAAAGGAGGAGAAAGGGAGGGGACAAA G G G A G G G G G C G G G G A A A A A G G G G A A G G G G G A A G G G G A A GAGGGGGGGGA AAA $\operatorname{l}$ GGGGGAAGGAAAAAAAAGGGGAAGGGGAAAAGGGGGGGGAAAACC G G G GAAATGGAAGGAGAAGGCCCCGGGGAAGATTAAAAAATTAGCCAGGG AAGCAAAAAAAGAAGAGGAAGGAACAGGCCGGGGGGAAGGGGGGACAAAA GACCAACCAGCCGGAAGGAAGGGGGGAAAAAAAAAGAGGGCACACCAAGG TAACGAAAGGCAAGGGGGCCAACCGGGGAAGGGGGAAAGAAACAGAGGGA GAGAAGAAGGGGGGGGGGCGCCAACGTTAACCAAGGGGGAGGAGAAGGA AGGAACCAGAAAGCCGAGAAAAAAGGAAGGGAAGGCCGGGAGGAGGGAGA AAAGGGGCCGGAAGGAAAAGGAACACCAAGGAGAGAGGGATAAAGAGGAA TAGAAAACAAAAAAAAACGAAACGAGGAAAAGGAAACAAAAAGGGAAAGG GGAGGGAGGAGAGGGCAGAGGCAACGAAAGGAGAACGATACGAAGGGAAA AGAGGGAGGAAGGAGGAACAGAGAGAAAGAGCCAGAACAGGAAAGGGAAC CAAAGAGGAAGGAAGGGAAGAGACCTTAAGAAGACAAAAGGGACCAGAAG GAAGGGAGGGAACAACAAGGAGGAACCGGGGGGAAAGAAGGGCGAGAAA GGGAGAGACAAGGGGAGGCCCAAGAACAGAGGAGGGAAGGAAGGCCGGA G G GCAGGGGAGAGGGCAAAGAGGAAAGGAAAGGGGAAGAGGGGGGGGAA G G G GA GAAAGAGGGAAAAGGCCAAGGAAGGAAGGAACCAAAAGGAAGGAA AACCCAGAGGGGGGGGAGTAAAAAGGGAGGGGAGAAAGAGAACCGGAGG GAGGGGGAGAGGGGAAGAAGGGGACAAAGGGGGCCGGAGAAGGAGAGAC AGGAAAGAGGGGGGAAAGCCCCGGAAGGAAGGCCAAGGAACCAACCGGGG AAAAGGAAAACCAACCAACCAGAGGGAAGACAGACAGGGGAACCAAAAAA GGGGAAGGGGAAGAAAAGCCGGAACCGGGAAAGGGGACAAGGCCAGAAG GAGGGAAAGAGGAACAACAAGGGGGAAGGACAAAAGGGAGGGGGGGGAA GGGACCGGAAAAGGCCAGGGAAAAAGGAAGGGGGGGAGAGGGGAAAGGA AGGAAGGAAAAGAAAGGGGGAAAAAAAGGAGAAAAGGCCGGAAGACCGAA GATAGGAGAGGGGAAGGTTAACCCAGAGGACAGAGAAGGAAAAGGCAAGA CAAACCAAAGGGGAGAAGGGGGAGAGGCCGGAGGGAAAAGGGAGGAAGA GGAAAAAGAAGGGGAAAAAAAAAGGGAAGGCCGGCCAGGGGGGGGGAAG G G G G GA $\operatorname{l}$ GATTACAAGGGGGGGGGGGAGGGGGGGGAAACAAGGGGAGAG

GGAAAAAAGGGGGGGGGGCCCCAAGGAACCACGGAAGGCCAACCAAAAAA G G G G G GAAAAGGAACCAAGGAAGGCCAACCAAGGAAAAGGAAGGCCGGGG AA $\operatorname{A}$ GCCAAGGGGGGGGAAGGGGGGCCGGGGGGGGAACCGAACGGGGCCA AA $\operatorname{A} G \mathrm{G}$ GGAAGGAGGAAGGAGAGAAGGGAGAGAGACAGGAGGAAGGAAGG G GAAAAGGGGAAAAGGGGGGAAGGGGAAGGCCAAAAGGAGAAGGACGAA G G GAAGGAGAGAAAGCCGGAAGGGAGAGGGAGAAGAAAAGGAAAGAGGA AAAAAAAAAACCAAGGAGGAAGGGGGGGAAACGGAAGGAAGGAAAATTGG G G A A G G G G G G GAA G GAAAGGAGGAACAAAAGGGGACGGGGGGAAAAGGG GCCGGGGCCGGGACCCCAAAAGGGGGAGGAGAGGGGGAAGAAGAAGGGG AAAAGGAGGGAAAGGAAGGAAAATACAGAAAAGGCCGGACAAAAAAAAGG AGGGAAGGAGGGGGGGCCGGGGAGAAGGAAAAGGAACCAAGAAGGGAAA AAAAGAAGGGAAAAGGGAGAGGAAGAGGACCAAGGAACCGAACAGGGAAA CAAAGGGGGAGCCGAGAAGGGGGGGAGGGGGCCAAGGGGAAGGGAGGCC GACAAGAGGAGAAAAAGAGAGAAAAGCCAGGGGGCCGGGAAACAGGAGGA TTAAAAAAGGAAGAGGAAGGAGAGGGAGGGGGGAGGGGAAAGGGAAAAA AGGGGGAAGAAAAGAAGAAGGGGGGAATTAAGGGGAAAAAAGGGGAAAAG G G G AAA GAAAAGGGGAAGGAGGAGAAGCCAAAAGGGGCAGGAGCCGGACA AAAGAGAAACCCCGAAGAGAAAAGGAGAGAAAAAAAAAAACGGGGAAAGA A G G A A G G G A G G G G G GAAGGAAAGGGGGGGAAGAAGGAGGCAAAACAGAG G G G G G G A GCCGAAAACAAGAGGAGAAGAGGCCGGGGGGGAGGGGAAAAC AGGAAAGACAAAGAAGAAGGGAGAGACGGGAAGAGGAGGCAGGGACGGAA AAAAAAGACGGAAAAGGAAGGGGCCCCCCCCAAACAGGGAAAGAAGGGGG G G GAAACGGGGAAGAAAAAAAGAAAGGCAGGGGAAGGGGGGGAAGAAGA AGAGAAAAAGGGAACCCCGAAAGGCCAACCAAAGGAAAAAGAGGGGAAAA GAGAAAAAGGACCCGGGAAAGAGGGGCCAAAGCAAGGGAAAGAAAGAACC GGAAGGCAGGGGAGAAGGGGACAAGAGGGGGCATAGAAGAAAAAAAGGG G G G G A G G G G G G G G G G G G T T GAGGGGGGGGAAACGAGGAGGAGAGAGGAA AGAAGGAGAGGAGAAAGGCGTTAAGAGAAGAAAAGGAAGGGAATAAAACC AAGGAGAGGGAGGAGGTAGGGACAAAAAGAGGAACAAGGGAACACAAAGG GGGGACAAAAAAGAAAAAAGAAAAAAGGAAAAAAAAAACAAAAGGAAAAA CCGGGGAGAAGGGAAACCGACCAGCCGAAGAGAAGAGAGGAAGGAAGGGG AAGGCCACAAGACAAGGGAAAAAGAGACGGCCAGGGGGGAGAAAAGGAGG A GAGAAGGGAGGCCAAGGAAAAAAAAGAGGAAGGGACCAGGGAAACAAAA G GAA $\operatorname{G}$ GGGGACAGAAAAACAGGAGAGGAAGAAAAGAGGGAAAAAGGAAGG AAAAAAAAGGGGCAGGCACCCCGAGAGGAAAGGGAAAAAGAAAGCAGAAG A GAA G G CAA G G G GAGGAAAAGAGAAAAGAGGAAAGAAAAAGGGGGGGGG GAAGGGGAAGGAAGGCCAGAGAACCAGGAAAGGCCACGACCAAAAGGGGG GGGAACCAACCGGGGGGGGGAAACCAAGACAAACCGGAAGGGGCCGGGGA AAAGAGGAGCAGGTTAGGGAGAAGGAGGGGGCCAGAAGAAGGGCCGGAA G G G GAA $\operatorname{l}$ GAGAAGGGGCCGGAGAAAAGGGGGGGGAAAAGGGCCCGGGGG GAAAGGGGGGGAAGGAAGGAGGAGAAAAAGGGGAAAGGGAGCCGAAAAA AGGGAAAGGAAGAGCCAAAAGGGAAGGCAGTTAAAAAAGGGGCCAAGGGG GAACACGGAAAAAAGGAAGGCCGGAAAAGGAGGGGGGGAGGGGGCCGGG AGGGGAGAACAGGACGAAGGAGAGGCCGAAAAAAAGGAAGCAACACCGGA AGGGGGAAACACCGAGGAAGGAAGGGGGAAAAAAAAAAAAAGAGGAAGAC AGAGGGGGGCCAACAGGAGGGCAACAAGAGAAGGGGGCAGAGGAACCAAC GAGGGAAAAAAGAGGGGCGCCGGAAAAGGAAGGAGGAGGGGGGGGAAGA GAAGGAAGAACCAAGGAAAAAGGAGGGAGGAAAAACAAACCAAAACAAGG A GA GCCGAAAGGGGAGAGCAGGGAAGCCAGGAAAGGAGAGGAAACCACAA AAAGACAGCAAAAGAAAACCAACAGGAAAAAGGGGGGGAAGGAATTGGGG CACACAACGGGGGGAAACGGGGGGCCGAGACCAAAAAAAGGAAAAAAGAG G G G ACCGGGGGCAACAGGAAGGGGAAGGGGGGGAAAAAAAAAGACCAAAA AAAAAACCCCAGAAAGAACCGGAAAGGGAAGGAAGGAAAAGGGGAAAAAA AAAAAAGGAAGGAAGGAAGGGGAAGGCCAAGGGGGGAAGGGGAAAAAAG GCCAA G GAAAAAAAAGGGGGGGGGGGGAAAAAAAACCGGGGGGAAAAGG GGAACCGGGGGGGGGGGGGGAAAAAAGGAACCGGCCGGAGGGGGAAGGA AAAGGCAGGACAGACAAGGAGAACCGGAGAAGGAAGAAAGGAAACAGTAG GAAGGAAGGAAAAAAAGAAAAAAGGAAAAGGGAAAGGAGAAAAAAAAAGG GGGGACAGGGGAGAACCGGAAAGTAAAGGGGGGGGGGAACCGGGAGGAA GGAAAAAACCAAGGGACAGGGGAAAAAATAAACCCCAGAAGAAAGGGGAG GAGACCGAGGAAGAAAAAAAGGAAGGCCAAAAAAAAGGGGAAAAAGAAAA

AA GAGACAAGGAAGGGCAAAAAAAGGCCCCAAAGGGGGGGAGGGGGGGG AA G GACCGAGGAAGAGGAGGAAAGGGGAAGGAAAAACAGCCGGCCAACCA AA G GAGAGAGGGCGAAGGAAAGGGGAAGGGGAAGGCCAAAAAAAAAAGAA GGGACAAAGAAAAAAGGCCAACCAGAGAGGAAAAAGAAGAGGAAGGGGGA AAAGAAGGGAAGGAAAGGAGAAGGGGAGAAAGGAAGGCCACAAATAACCG GAACCGGAGGGACGAGACAGGAAGGGGAAAGAAAAGAGGAAGGGGGGAA AA $\operatorname{G}$ GGGAAGGAACCGGAAGGGGAAAAGGGGCCGGGGGGAAGGAACCAAA A G G G GCCGGAAGGGGGGAAGGAAGGAAGGGGGGCCGGAAGGAAGGCCAA AAGGAAAACCCCAAGGAAGGAAAAAAGGGGGGCCAAGGGGGGCCAAGGGG AAAAAAGGGGGGAAGGGGAAGGAAAAGGAAAAAAGGGGGGCCGGGGGCA GAAGGAAGAGGAGAAGGAGGGAAGGGGAAGAAAGGAAGGGGGGGGCAGG CCGGAGGAACAAGGAAGGAAAAAACAAGGGACGGAAGGGGAACCAACCAG GGAAGAGAACAACCAAGGAGAGAAAGGGCAGGGGAATTAGAGAAGGAAAC GAGAAGAGAAAAGGAACCGACAGAAGACGGAGGGAAGAAAGAGACAAGGA ACAAACCAGAGAGAAGCAGAAAAAAGAAGAGGGAAGTACGGGAGAAGGGG AAAGAAAAAAGGGGAGAAGGGGAAAAAAAGGGAAGAACAGGGAAAAGGGG GAACGGAAGAAAGAAAGACCAAAAAAGGGGAGGAACGACAAGAGGAGAGA AGCAGAGAGAATGGACAGAGACGAAGAAAGAAGGAATTGGGGCCGGGGAA CAAGGAGAGGGGGAGGGACCAAAAGGAAAACCCCAAAAGAGGAAAAGGGG G GAAAAGGAAGAAAGAGGCAAGCCGAAAAAAAGGGGAAAAGAAAAGGGGG AAAGACGGAGGGGGAAGAAAGAGAGACCGGGAAGGGGGAAAGAGAAGAA G G AAAAAAGAGGAAAGAGGGGAGGGGGGAGAGGAATTAAAAAAGGCCAAG G G G GA G GAAAA $\operatorname{G}$ GGGGGCCGGGGGGAGAAAAGGGGGAAAGGGGGGGAAA GGCACGCCGAGGCCACCCGGAAAAAAAAAGCCGAGGCAGGCCGGGATAGG A GAA G GCCGGAAGGGGAAGGAAGGGGAAGACCAACCGGCCAGGGGGGGA A G G G G A A A A A A G GAAGGAAGGGGAAGGGGAAAGAAGGGGGGGAACAAGG GAAAAGAAGGACAAAAAAAGAAGGCAGAAAGGGGGGAAGGGGAAAAGGAA CCGGGGGGGGCCGGAAGGGGAAGGAACCGGGGGGGAGGAAAGCAGGAAG GAAAAAAGGGGAACCGGAAGGAAGGAAAAGGAAAAGGAACCGGCCAAGGA AAACCGGGGCCAAGGGGGGCCGGGGAAAAAGAAGAGGAAAAGGGGAAGG CCGGGGAGAAAAGGGACCGGGGGGAAGGAGGGCCAAAACCGGGGAAGAA AAAACCCGGAAGGAAAAACGGCACCCAACAAGGGGGGGGAAGGAACCAAA AAAGGAAGGGGAGCCAACCAGGGGGCCAGAAGGAGGGGGAGGGAGAAAA CCATGGGAGGAAGAAGAGGGGAAAGGGGGGAGGACGCAACAAGGGAAGG G G GCCGGAAGGGGGGGGGGGGGGAGAAAAGGGGAGAAAAAGGAAGCAAA AGGGAAAAGAAGGAGAAAGGGGGGAAAACCAGGGTAGAGAAGAAGAAAGG GGAAAAAAGGCCAAGGAGAAGGGGGGAGAGGGGAGACCGGGAGGAGAGG AA GCCCCGGAGAAAACCAAGGCGGAAAAAGGGGAGGGAAGGAAGGAAGGA A G ACA G GCCCCGGCCCCGGGGGGGGGGCCAAGGGGGGAAAAAAGGCCGG G GACCCAGGAAACAACAACCAAGGGAAGCAGGGGGGAAGAGGAAAAAAGG AA G G G GAAAAAAGGAGGGAAACGGGAAAGAGAAGGGCAAAGGGGGGGGA AAAGGGGGGAAGGGGGGCCAAGGCCAAGGGAAACAAAAGAAGGAGGAAG G GAGGAGGGGGGGGAGACAAAAAGAAGGAAAAAAGAGGAAGGAAAAGGG G G G GAGGAAGGCAGACAAACCGGGAGGGAGGAAAAGGGGGGGAGAAGCC AAAAAGGGGGAAGGGGAAAGAGGGAACAAAGGAAAAAAGGAAAACCAAAG AGAAAAAAGAAGAAGAAGGGAAACGACCAAGGACGGCCGGTTGGGGAGGG AGAAAAGGAGAGGAAGGAAGGGAGAAGGAAAAAAGACAGAGAAGGAGGGG AAGGGAAAGGGAGAAAGGAAGGAGAGACCCACGAGGAAGGAAGGAAGGAA GGAAGGGGAAAAAAAAAAAGAGGGGAGAGGCAACGGGGAAGGAGAGCCG
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G G GAAAAGAAGGGGAAGGGGGCAAGCCGGCAGGAGGGAAGGGGAAGGGG GAAAGGTTGACGCAGGGAAAAAGAGGGAGGAAAAGGGGAAAACCAGGAGG AA $\operatorname{A}$ GAAAAGGACGGGGGGGGGGCCGGAGGGGGAGGGGGAAGGGAAGGGA AAAAAACCCAAAGGAAGGGGGTTAAGGGGGAGGAGCCGGAAGGGAGGAAA AAAGGAGGGAAGAGGCCAGGAGGGAGGGAGAGAAGAACCGAGGGAACAA G GCCAC G GAA G G G G A G CA $\operatorname{Cl}$ GAGAGGGAAGGAAGGGGGGGGGGGGGGGGA ACCGGGGGGGGAAGGAAGGGGGGGGGGCCGGGGAAGGAAGGAAGGAAGG AAAAAAAAGGAAGGGGGGAAGGCCGGAAAAAAGGGGAAGGAAGGAAAAAA GGAAAAGGAAGGAAGGAAGGGGGGGGGGGGAAGGGGAAGACAGGAGGGC CAGGGAAAAAAAACCAAGAAAGGACACGGAAAGTTAACCGGCAAGGGGGA AAAAGCCAAGGCCGGAAAAGGGGCCAAGGAAGGGGAAAAAAGGAAAAGGA GAGAAGGCCAAAAAGAAGGAAGGGGGGAAACGGGGAAAGGAGGAGTAGAA AGGGGGGGAGGGGCCAAAAAAAAGAAGACAAACTTGGGGAACCCCACGGA GGGAAAGAAGGGGAAGAGGGGAGCCCCAAGGAAAGAAGGGAGGGGGAAA GGCAGAAAAAAAGGAATAAGCACCGGCAAGGGGGAGAAAGCAAAAAAGGA GGCAGGAGGAAAGGAAAACAAGGGGAAAAACCCGCCGGAAAGACAAGGCC AGGAAACCGGGAAAAAAGAGAAGGGGGGGGAAAGAGAAAAAAGGAAAAAA GGGAACCCAGCCGGTTAAAGGAGAGGCCAAAAAAGCAAAAGGCCAAGGCC G G G G A A G GAA G G A GAAGAGAAGAGAGGGAGAAAAGGAACCGAACGGACGA GGGAAGAAAGAGAAAGTTAGACGAAGGAGGACTTCCGGCCAAGGAGAGAG GAAGGAGGGGGGAGGGCAGAGGGCCAAGAAAAAAGGGGGGGGAAGAGAA GGGAAGGCAGGGAAAAAGGCCGAGAAGGGAGGAAAAACCGAAAAAAGCCG AAAAAGACCAAAAGGAGAAAACCACAAGGGGGGAAAGGGGGGGGGCCGGA AGGGGCAAAAGAAAGAGAAAACCGAGGAAAACAGAGGAGAAAAAGAAAAC A G G G G G GCCAAAGAAGAAAGGCCGGCCGGGGGGCCAGAAGGGAACGACA GGAAAAACCCAAGGCCAAAAAAAAGAGACGAAAAAAAGGACCGGAGAAGG GAGGAGAACAAGGGGGGAAACCGCAAGGAAAAAAGAGAAAAAGGACAGGG GGGAGGGGAAAAAGCCAAGGGGTAACAGCCAAAACAGGAGAAAGAAAGAA GGAAGGGGGGCCGAAACACAATGCGAGACCAAAGAAAGCCAAAAAAGGAA GGAGAGAAGGACGGGGAAAAGGACGGAAGGCCAAAAAAAAGGAAAACAGA GAAGAAAAGGAAAAAAGGAACCAATTGGAACCAAAAGGGGGAAAGGGGGA GGCCAAAAGGGGGGAAGGAAAAAACCGGAGAAAAGGGAAAAGAAAGAAAC A GACGAAAAAGGAAAGGGGAGAGGGAGAAGAACCAAGGGGCCAAAAGACA A G G G G G G G G GCCAAAAAAAACCAGAACGCAAAAGAAGGAAGGAGAGAAGG AGAGAGAAAAAACCGAGGCAGGGAAACCCCAAAAAAAAAAGGGGAAAACC AGGAAAAAGGAAAGAACCCCGAAAAAGAAGCAGGGGGAGGAACCAAAACG AA $\operatorname{A} A A \operatorname{ACCAAGGGGGGGGCCGGGGGGAAAAAAGGCCGGCGGGAGAAACC}$ CAAGGAACCAAAAGGAACCGGGGAAAAAAAAAGAGAGAGGGAAAAGAGAG GCCGGAAAAAAAAAAAAAAAAGAGGAGACGGGGACCCCCGAAGAGAATAA GGGAGGGGAAAAGAGCAGGATCCGGAGCCCGAAAAAAAGAGAAAAGAAAG GAGAAAGGAGAAAGGGAAGAGGGGGAACCGGAGGAGGGGCAAAAGGGAA AAAAAAGGGGGGAAAAAAGGAAAAAAGGAACCAAGGAAGGGGAGCCAAGG CCAGGAAAAGGAGAAAGAGAGAAAAAAAGGAAAAAAAAGGAAAAAAGGAA AAAAAAAAAAGGAAAAAAAAAAAACCCCCCGGAAAACCGGGAGGGGGGGG AA G GAAGGAAGGAGAGAAAGAAGGAGGGAAAAAAGAAGGGAAGGGGCACC CAGGAAGACCAGGAGGGAGGGACAGGGGAAAGGGACATAGAAGGAAGGAA AAGACAGACCAGAGAAGGGAAAAAAGGGAAAGGAGAAAGGAAAAAGCCAA AAAAAAAGAACCGAGGAGACGAGGGGGGAAAACCGGCCGGGGAGAAAAAA AACCACAGAGAAGGGAGGGGAAAGAAAAGGACCCGGGGCCGGAAAAAACC AACCGGGAGAGAAGGGAAGGAAGAGAAGCCAAAAAAGGGGGAAGGAAACC G GAGAGAAAAGGGGGGAGCCAAGAACAAGAAAGGAAAAAGAAAAGGAAAG GACAAAAAGGGGGGCCGGAGGGGGGGAATAGAAGGGAGGAGCAGGGGAG GGGAAGAAAGGAAAGAGCCGAAAGGCCGGAGAAGGAAAGAAAAAGAAAAC CAAGGGGGAACAGAGAGGAAAGGGGGAGAAAAAAAAAAAGGAACAAGAAG AGGGAGGCCGAAACCAGAAAAGGCCGGGAAGACAAGGGGAACCGGCCAAA AAAAAGGGGAGGGAAGGGGAGGGACAAGGGGACGGCAACAAGGGAACCAA GAGGAAGCAGGAAGGCCCCGAGGAGAGGAGGAAAGGGAAGGAAACAGCAA GAAGAGGACGGGAAGCCGAGAAAGGGAGAGGAAGGGGAAGAGACCAGGG AAGGAAACGGGACCGGGAACGGTTTTGGTTCCGGAAAGAACCCCAAGGCA CAGGCCGAAAGGAAAAAGCCGGAAGGGGAGACCAAAGGAAGGGGGGAGAA G GAACAGGGGGGGAAGGGGGAACCGGAGGGCAAAGGAAGAAAACACCAG

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AAAAATTAGGCGGGGGGAAAAAAGGAAGGAAAAAGACCAAAAAGAGGGGG GAAGGGAAGAACCAGGGACAAGGAAAGAAAAAACACCGGGGGGAGGGGAG G GAGGGGAAGGCCAAGGGGAAGGGAAAAAAACAGACCAAGAAAAAGGGAC AA $\operatorname{GAG} \operatorname{l}$ GGGGAAAGGGAAAAAAGGAGGGCCAGGGAAAGAAACGGGGAGAAA CGGGGCCAAAAAGGGGAAAAAGGGGGGCAGGGGGAGGCCAAACGAGGAG C G G G G G G G AA GAAAAAAAAGAAGAAGGAGGGGGGACATCAGAAAAAAAGG G G A G G G AAAAAAAAGGAAGGGGGACCGGAGAAAGGGGGAAGGGACAACAA GGGGGGAGAGAGGAGAGAGAAGAAAGGGGAGGGGGAAAAAGGCCACAAG GGACCGAGAGAGGAGGGAAAAGAACGAAGGGCAGAGAGGGGGGAGGGAA GGAAGGAAGGCCGGAAAAAAAACCCCGGGGGGAAACGGAGGAAGGGGAAG CCGAAGAAGGAGACAGGAAGGAAAAAAGAGACAAAGGGCAAGGGGAGGCA AAGGAAGGAGGGAGAAGGGAGAACAAAGAGAAGAAGAAGGGAGAAAGGG GGAACAAGGAAGGAAAGGGGGAAAAGGAAAGGGGGAAGGGAGAGAAGAC GGAAAGGGGGAGAAAAAAAAGGGGGGGGGGAACCGGAAGGGGGGAGAGA AAAAGAAAAGGAGAAGAAGAAGAAAAGCAAAGAAGGAGGGGAGGGCCGGA AAAAGGGGAGAGAAGGGGGGGAAGGAGGAGAAAAGGAGGAAGGGGAAAA A GAA $\operatorname{A}$ GAGAAAAGGAAGAGGGGCCGGGGGGAGGAGGGGAAAAAAGGAGG AGGAAGGAAAAAAAAAAACAGGGAGACGGGGGGGAGAAGGAGAGAAAAAG GCAGGAAGGCAAAAAGAGGAAGAGGGGGGAAAAAGAGCCGGAGAAAAAAG GGGGGAAGGGAAAGGGGGAGGGAGAAGAAAAAAAGAAGAAAGGAAAAAG G GCCGGAAGGAAAAGAGGAGGGGAAGAAGGAAAGAAAGAAGGGGGAAGG AAAAAGAGGAAGGAACCGGGAGGGGAAGGAAAAAGAAAAAAAGACAACCA GACAAAAGGAGCCAAGAAGGAAAGAACGGAAAGCAAGAAAGAACACCAAG GAAAAGGAAGGGAGGAAGGAAAGAAGGAAGGAAAAAAAGGGGGAAAGGGA G GAA G G GAAAGCCAAAAGGAAGGAAAGCAAGGAAGAGCACCCAAGAAGGA G G G A GAA $\operatorname{la}$ AGGGAGAAAAAAACCAAGGGGAGCCAGAACCGGAGACGACCG AA GAAAAAAGGGGGGGGGGAAAAGGAAGGAAAAGAAGCAAGCGGGAGAAA GAGAAGAGGAAAAAAGAATAAGGGAGGAAGAGGGGAAGGAAGGACGAAGA AGAGGGAGGGACCGGAGCCAAGGAAGGAAAGGGAGGGAAAAGGGGAAAG ACGGACGGAAACGGACGAAGACAGGAAAAGAAGGGGGGAGTTAGAACCGG GGGACCAAAACCGGGACCGGGGGGCAGGGGAAGAAGCAGGGGAAAAAAG GAAGGAGCAAGAGCCAGAAGGAGGACCAAAAAGAAAAGGAAGAAACCAAA AGAAGCCGAGAGGGAGGAGACAGAAAGAAAAGGAGAAGGAGGGGAGAAAG GAGAAGGAGGGGGAAGGCAAAGGAGGGGAAGCCAAAAAACCAAGAAAAAG GAAAAGGAAAAGGAAAAAGGAGAGGAAGGAGGGGGAAAAAGAAAGGGCCG GAAGGGGAAAAAGGGGGGGCCGAGAAAAAGAGGCCGGAGGAGGACGAGG ACACGGGGGGAGGGGGGGAGAAAGGGAAAACCGAAAGGGGGAAGAGGGG AGGAACCACCAGACAGGAGGGGGGGGGAGGGGGGAGGAGGGCCCAAAAA CAAGGGCCCCGGAAGGGGGGGGCCGAAGCAGAGGGAAAAAAAGGAGAGAC GAAAGACAGGGGGGGGAAAAAAAACCAGGGGGAGAAGAGAGAAAGAGGG GAAACGGAAGGGGAGGACCAGAACAGGCCAAGGGGAAAAAGAAACAAAGA GCCAGGGAAGAAAGGAAGGGGAGGGACAAGGAAAGAGGAGGAGGAAGAG GAGGAAGGAAAAAGGGGGAACAGGAGAGGGAGAAGGGGGGAAAAGGGGG GGGGGAACCAAGGAAAAAAGGGGAAGGGGCCGGGGAAAAAAGGGGAAGG G G G G G GAAAAGGGGGGAAGGGGGGAAGGGGAAGGGGAAAAAAAAGGCCC CAAAAGGAACCAAAAAAGGCCAAAAGGAAGGAAGGAACCAAAAAAGGAAC CGGCCAAAAAAGGAAAAAAAAAACCAAGGAACCAAGGGAAAGGGGGGGAG AGAGGAAGGGGGGGGGGCAAAGACCGACACACCAAAGGGAAGGGAGGAAC CGGAGGGAGCCAAGGGGGAGGAAAGAAAAAAGAGGGAAAAAGAGGGGCC G GA $\operatorname{lc} C \mathrm{C} G \mathrm{G} \operatorname{GAGGGGAGAGAAGGCCGGGGAGAGAGGAGAGAGAAAAGAAG}$ GAAGAAGGAAACAAAAAGACCACAAGAGAAGGACAGGAAGGAAAACAAAA GCAGGGGAGAACAGGGAGAAAGACAGGACAAAAGGTTGGCCAAGGGGAAA A G GAA $\operatorname{A}$ GGGAAGGGGGGAACCGGCCGGGGAAGGAAAAAAGGGGGGAAAA AAAAGGAACCAAGGGGAACCCCAAGGAAAAGGAAAAGGGGAAGGAAGGGG AA $\operatorname{l}$ GGGGGAAGGGGGGGGGGAAGGAACCGGGGGGGGAAGGAAGGGGAAT TAAGGGGAAGGCCAACCAAGGAAAAAAGGAACCGGAAAAAAGGAAAAAAG G G G GGAAAAAAAAAAAAGGCCAAGGCCGGGGAACCAAAAGGAAGGGGGGA AAAAAAAGGGGGGAACCAAAAGGCCAAAAAAGGAAAAGGGGGGGGGGGGA AAAGGAAGGGGGGAAAAGGAAAAGGAAAAGGAAGGAAGGAAAAGGGGGG AACCGGGGGGAAAAGGAAGGGGGGAAAAGGAAGGCCGGGGGGAAAAAAG


GGAAGGAAAAAAAACCAAGGGGAAAACCGGAAGGGGAAAAAAGGAAGGAA AA $\operatorname{A} G \mathrm{G} G \mathrm{G}$ GCCAACCGGAAAAGGCCGGGGCCTTAAGGAAGGGGGGAAGGA AAAAAGGGGCCGGGGAAGGAAGGCCGGAAGGGGAAGGAAAAAAAAAAAAA AAAAAAACCGGGGGGAAAAGGCCCCAAAAAAGGGGCCGGAAGGAAAAGGG GGGAAAAGGAAAAAAAAGGAAAAAAAAAAGGGGGGGGGGGCCGGGGGGGG CCCCGGAAGGAAAAAACCGGGGAAAAAAAAGGGGAAAAGGCCAAAAGGAA AA $\operatorname{l}$ GGGAAAAGGGGGGCCGGCCGGGGGGAAGGGGGGGGGGAAAAAAGGG GAAGGCCGGCCAAAAGGAAAAGGAAAAAAAAAAGGAAGGAAAAAAGGGGG GAACCGGAACCGGAAGGAACCAAAACCGGAAAACCGGAAGGAAAAAAGGG GCCAAGGAACCGGAAAAGGCCGGCCCCCCAAAAGGGGGGAAGGAAAAAAA AAAAAAAAAAAGGGGCCAAGGCCAAGGAAAAAAGGAAGGAAAAGGAACCA AAAAAAAGGAAAAGGAAGGAAGGGGGGCAAAAAGAAAAAGGAAGGAAAAA GAGGAGGAGAAGGGGAAAAGGGGGAAGAAAACATTGGAAAAAGGGAAGG GGGGACAAAAGGAGCCCCGGAAGGAAAAAGGACCACGGGGGGAAGAAAGG AGAAAGGGAAGGGGGGGGACCCCAGAGAGGGGAAAAAACCGGAACCAAGG GAGGGGAAAGGAGGGGAAAAAAGGGGGAAAGGAAAAGGAAAAAAAAAAAA AA G G G GAAACAGAGAGAAAGGGAGACGGGGAAAAAAGACCGAAGAAGAGG
 AGAGGAAAGGCCGGACAGAGGGAGAGAAAGGAAGACAGAGACAAGGTTGG GAGGAGAAAAAAAAGGGGAAGAAAGGGGAAGGAACAGGGGCCAGAACCCA AAAAGGGGAAAAGGAAAAGGAAGGAAAAAAAAGGGGGGGGGGGGAAAAG GAAAAAAGGAAGACCCGAGAGGGGGGAGGAAGAGGGGGAAAGGGGAAGG CCGGGGCCAGGGAATAAAAAGGGAGGGGAGAAGAAAGAAGGACAAGAGAA GAGGGGAAACGGGAAAAGAAGGAGAGAGAAAAGGGGAAGGCCAAAAGGAA GAAGAAGGAGCAGGAAAGGGGAGAAAGGAAAGAGAATTCCGGTTAGCCCA GGGGAAGGAAAAGACCAAAAGAAGGAGAGGGCAAAAGGAAGGGGAGGGG AAAAGAAGGAAAAGGAAGGGGAGGAGGAAAAGGAAGGGGGGAAGGCCGG AAAACCGGGGAAAAAAAAAAAAGGAAAAGGAACCAACCCCCCGGAAGGAA GGAAGGCCCCAAGGAAGGAAAAGGAAAAGGGGTTAAGGAAGGAAAACCAA AAAAAAGGAAGGTTAAAAAACCGGAAAAAAAAGGCCGGAAAACCAAAAAAA AAAGGGGCAGAGGAGGAGAGAGGGGAGGGAAGAGGAAGGAGAAGGGAAA AAAGAGCAGGCCGGGAGGAAGGAAAAGGGGAAAAGGCAAGGAAAAAGGGG GGACGGAAACGAGACCGACCGGGGAAGGAAAAACAAAGAGAGACGGAGAA A G GA G GCAA $\operatorname{CAGGAGAGAGGGAGAAGAAAGGGAGGGCCAAGCAGAGAGA~}$ CATGGAGCAAAGGCCAAAAGGGAGAAAAAAAAAAAAAAAAAGGAAGGAAA CGGGAGGGGATGGAAAGAGGGGGGGAAGGAAGAAGGGAGCCACAAGGAA GAAGAGCCAAGGAGGGAAGACAGGGGCCAGAGGGAACCAAGAGAGCCCGA ACAAAAAAACAAGGAAAAGACCGAGGGGAAGGACGGCCCAGAGACCGCAA AAACGGAGGCGACCAAGGAAAAAGAAAGGAGAGGGGGGGGGAAAGGGGA ACAGACAAGGAAGACGCCAGGAAGAGGCAAGCACCAAAAGAAAGACCCGG GAGGACAGGACAAAAAAGGAAGGAAACGAGGGGAAGGAAGGCAGGAGGAG AA $\operatorname{A} A A A A G G G G G A A C C C A A G G A A A A G G A C G G G G G G G G A G G G G G A G A A G G$ CCGGGGGGAGGGAGAGGAAAAAAGGAGGAAAAGGAAGAGGGGGGGGAAG GAACCAACCGGCAAGAGGAGGGAGGGGGGAAGGAAGGAAGGAGAAGGGA AA G GAAGGGGAGAGAGGAAGAAGGTTAGGGCCGGGGAAAAGAGGGGGAG GAAAAAGAAGGAAAGGGGGACAAGGGGAAAAAAGGGAGAAAAAAAAAAAG GAAAGGGAGAAGGAAAAAGGGAAGAAAAGAGACGAGGACGGAAGGAAAAA AGGAGCCAGGGGGCCAACGGAGGAAGGAAGGAAAACAAAAAGAAACCAAG G G G G G G G G G A A A GAGAGGGAAAGCCGACCGGGGGAGGAGGACCGAGGAG ACGGGGCAGAGGGAAAAACCAGGGAAGGGGCAAACCAAGGAAAACCAAAA AAAAGGAAAACCAACCGGAAAAAGGAAACCACACGAGGGAAACAGAGGAG A G GAA G G GAA G G GAGGCCGGAAAGGGGAAGAAGAAGGGGGAAAGAAGGG GAGGGAAGGGGAGGGAAAAGGGAGGGGGAAGAGAGAGGGAAAGAAGGGA AAA G G G GAAAGGGAAAAGGGAAAAAACCAAGGAAGGCAAAGGGGAGACGG G GAGGAGGAGGAAACCAACCAGAAAAGGAGCAGGGGAAGGAACCGGGGG G G GAA G GAAAAA GAAGGCAGAGGGAGGGGAAGGAACCCCGGAGAAGGGG A G A A A G G G A G G A G G G G A A CACCGGCACCAGGGACGGCCAGACAAGACCGG GGGGCAGAGGCCAAGGGGAGGAAAAAGGAAAAAGGGAGCAAACCGGAAGG ACGGAAAAGAAGCAAAAACAAAGGAGAGAAGGAAGGAAGGAGGAAGGGGG G GAAGGAAGGGAGGGGCCAAAACCGGAGAGGAGAAAACAAGGAGGGGGA A G G G GAA $\operatorname{A} A \mathrm{~A}$ GAGACGGAGGAAGGGAGGGGGGGCCGGGGAGAAGGAACC

AAGAGAGGCGAGAGGGAAGAAGACAGAAGAAGCCAAAGACGGGGAGGGAA GGGAGAAGAGAGGGAAAAAAGGGGGGGGGGGGAAAAAACAGGCCAAGGG AA G G GAA $\operatorname{A} A \operatorname{AAAAAAAAGGGGGGGAAGAGAGAGAAAAGGGGGGAGGGAA}$ AA G G GAAACAAGGGAAGGAAGGGGGGAGGAGGAAGGGGGGAAGGAAAAC CGGAAAAGGAACCGGAAGGCCCCGGGGGGCCAACCAAGGGGAAAAGGCCG G G G A A G G A ACCGGGGAGAGAAAAAAGACAGGGGAAAAAAAAGAGAAGGAG AAGGGAAAAACGAAAAGAGAACACAGACCAAGAGAGAGGGGAAAAAAAGG GCAAAAGGGGGAAAAGAAAACGGGGAAAAACAAGGGGACATGGAAATGCA AAAAGGGAAGGCAAGCCAACAGGAGGAGAGGGAAAAGATGGGAGGAAGAG G G G G G G A A A CAA G G G GAGAGGGGGGAAGGGGAAAACCAAGGGGAAAGAG AGGGGGAGAAGAGGAAAAACACGGAAAAGGAGAGGGAGGAAAAAGGAGAG AGAGACCCGGAAAGAGCAGAAAGGAAGGCCGGGGCCCCCCCCAAGGAAGG AAAACCCCGGAAAAAAAAAAGGAGAAAGAAGGGGGGAACCAAGCCCAAGG GGAAAAAAGGGAGAAGGGGGGAAGGAAAGGGAATAGACGAGGAGCAGGG ACAAAGGAGCCGGAAAACACAAGGGTAAGAACCAACCGGAAGGAGGGAAA AACCCAGATTTAGAAGAGGAGGAGGCCAGGAGGGGCAAACCAGAAGACCG GGGAACCGGAGGGAAGGGAAAAACCGGGACCCAAAAAAAGAGGGGAAAGG G G GAAA G G GA GAAGAAGGGCACCAAAAGAAAGAAGCAGACGCAGAGAGGG GAAAGGGGGAGAACCGGAAAAGGAGAGGAGACCGAGGGGACCAAAAAGGA GGACAAAAAAGAAGGAGAGAAGAAGTAGGAGAGAGGAGAAAGGAAGGAAA GAAAGGAAGAGGGGGAAAGCCGGGGAAAGAGAGAAGAGAAAACGGGGAA G GAA G GAACCACAGGAGGGAAAGGAGGGAGAGGGAAAAGGAGGAAAAAG GGGGACCGGAGAGCAAAAGGAGGAAGGGAAAAAGGAGGGGGGGAGAAAA G G G G G G G A ACGAGGAAGAGGCGGAGAAAAACCAACCAAAAGAAGAGGGAG A GAGAAGAAGCCGGGGAAAGGGGGGGGGGGGAGAAAGAAGGAAGGAAAA AACAGAAAAAGGGAGCCAGAAGGGGAAGAAGTTAAGCGGGGACAAGGCCG GGGAAAAAAAAAAAGAAGGGGGGAAAAAAGGGGGGACAGCCAAGGAAGGA GAAAAAAGGAAAAAAGGGGCCAAGAAGAGGGGAGGAAAAGGAAGGGGGGC CAAGAGAGGAACAGGAGGGGAAGAAGGGAGGGGGGGGAGGACAAAGGAA AGAGGGAGAGGAGGAAAACCCCAAAACCGGAAAGCCCCGGAAAAAACCAA AGAAAAGAAGGGAGCCAAGAGGGGAGAAAGCCCAGACAGACCGGAACCGG ACGGAGAAAAAAACGGGGAAGGCCGGAAAAGGAAGGGAAAAGAAAAAGAG G G G G G G G GAGGGGGCCAAAAAAAAGGGGAGGAGGAAAAAAGGGAGGAAA AGGTTAAAAAAAACCGGGGGGGAAAAGGAAGCAGGGGAAAACCGAGGGGG GAAGACAGGGAGACCGGATAGGGAAGGGGCCGGCCAAAAGGAAGGCCCCC CAAGGGGGGGGAAAAGGAAAAAAAAAAAAGGAAAAAAGGAAGGAAAAAAG GAAGGAAGGGGAAAAGGGGGGAAGGAAGGGGGGAAAAAAAAAAAAAAAAA AAAAAGGGGAAAAGGAAGGGGCCGGGGGGAAAAAAGGGGAAAAAAGGAAG G G G G G G GAAGGAAAAAAGGAACCAAGGAAAAAAAACCGGAAGGGGAAAAG GAAGGGGCCAAGGGGGGGGAAAAAACCGGAAAAGGAAGGAAGGCCGGAAA A G GAA G G G GCCGGGGGGAAGGGGAAAAAAGGCCCCGGGGGGAACCGGCC AACCGGGGAAAAGGAACCAAGGGGGGGGTTAAGGAAAAAAGGAAAAAAGG AAGGGGAAAAGGGGAAAAGGGGAAAAAAAAAAAAAACCAAAAGGAAGGAA G G G G G G G GCCAAAAGGAAAAGGAAGGGGGGGGGGCCCCGGAAGGGGAAA AGGAAGGGGGGGGAAGGAAAAAAAA的GAAAAAACCAAGGGGCCGGGGGG AAAAGGGAAGAGGGAAATGAAAGAAGCCGAAGGGCCGGGGGGCCGGCAG GGAGAAGAAACGGAAGAAAGGAAAAAAGGGGAAAAAACCAGGAGAAGGGA A G G G G G GAAGGAAAAAAGGAACCAAGGCAAAAAGGGGGGGAAAAAGGAGG AGAAGGGCCGGGAATGAGAAAAAAAGGGAACAGCAGAAACAAAAAAGAGG GCAAAGGGAAAAACCAAAGGAAAGGAAGGAGAAAAACGGAGACCAGAAGA AGCCCCAGGAAGGCCCCGGAGGGAGGGGGCCAAAAAAAAGGCAAAGGAAG GAGAGAGGAAAGGCCGGGGGGCCCCAACCGGAAGAAGGAGGAGCCGGAA G GCCAAGGCCGGAAAAAGAGGAAAGGCCGGAAAAACAAAGGGGGGGGGAA GCCAAGAACCCCAAACGGGAGAAAGGGGGGAAGGGGAAGGGGAAAACAGA G GAAAGGGAGCCGAAAAAGGGGAAAAGGGGAAGGAAAAGGAAAAGACCGG AAAACCGGAAAAAAGGAAAAGGGGCCGGAGAGGCGGGGAAGAGGGGGAAT GGAAGGGGAGGGCCAAGGGGAAGGAAAGGGAAACAGGGAGGGAGAAAAA CCAGGGGAAGAGGAAAGGGGGGGAAGGGAAAGAGGGAGACAGGGGAAAA AAATAAGGACAGAAGGAAGGGAGAAAAGAAGGAGCCAAGAGGGGGAAGAG AA $A$ AGGGGAAGAAGGGAAAAGGAAGGAAAGGAAAAAAAGGAACCGAAGAG AGAAGAACCCAAGGCCGAGGTTGAAAAAAAAAACAGAAGGGAAACACAGG

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A G GAAGGAAAAGGAGGGGAGGAGGGGGACGGAAAGGGAGAGGGCAAGGG AAAGGGGGGGGAAGAAGGCCCCGGAAGGAGAAGGAGGGCAGGCGAAGAC CGGAAGGGAAAGGAAAAAAGGGAGGGAGGAAGGAAGGCCGGGGAAGGCC GGAAAGAAAAAACCGGCAGAAGCAATAAAAAGCCGGGGAAAAAACCGGGG AGAGGAGAAACCGAAGAAAACCAAAACCAGGGGAAACCGAAAAGAAGGAA
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 A G G G G GCCGGAAAAGAAGAGAAAACAAATTGAGAGAAAGGGGGGGGGGG GCCAAAAAAAGAAAGACAAAACAAAGGCCAATTGGAACCAAGGGGAAGGG GAGGGAAGGAACGAGAAAGACCAGAAAAAAAGGGGGGAGAAAAAAAAAGG GAGGGACAAGAAGGGGGGGGAGGAGAAGGAGGGGGCCAAAAGCCAGGGG GGCCGGAAGGCCGAAAAGAGGAGGAAGGAAGGGGGGGGACGAGAGCGGA AAACCAAGAAAAAACGGGAGGAAAGGGAAAAATAGAGAGGGAGCCGGAAA GGACCAAGGAAAAAGAAAAGGGGAAGGGGGGGAAAGGGAGGGAGGGGAA AGGGAAGGAAAGGGAAGGCACCAACCGGAAAAGAGAAGAAGAGAAAAGGG AAAAAAAAAGCCGGAACCAAAAAAGGGGCCGAAAGGGAAAAAGGAAAAGA GGAAGAAGAGGAGGGGGGGGGAGAAGGAGGGAAAAGAGTAGGAGGAAGA A G G G GAA $\operatorname{A}$ GGGGGGACGAAGGGGGGGGAAGAAGGGGAAGGAGGAAGGAG GGCAAAGGAAGGAAGAAGGAGGGGAAGGGGGGAAAGGGGGGAAAGAAGG G G G G A A G A G A G G G GAGGAGGACCAAGGGGAAGGGGGGAAGGCCAGCAGG G GAAGGGGAACCGGAGAACAGGAAGACGAAAGAAAAAAGAAGGAGGGAAA GGGGAAAACCGGGAGGAAGGGGAAGGCCAAAGAGGGGGCCAGGGGGAGG G G G G G G G G G A A G GAGAAAACAACCCAAAGGAAGGGGGAAAAGGGAAAAGA GCCAGGAGAGAGAGAGAAAGGGGGGAAAAGGACAGGAGGGAGAAAAAAAG GAACCGAGGAACCCAAGCCCCGGAAAGAAGGAAGGAGAGAGAAAGAGGGG GAGAGGAGGGAGGGACCGGAAGAGGGAGGTAAAGGGGAGAACCGGGGAA AA $\operatorname{G} A \mathrm{AGGGGAGAAGGAAGAGAAAGGGGGGGGGGAAAAAAAAAAGAGAGGG}$ AGACCGGCCCAAAGGGAAGGAAGAAAAAAGGGGAGGGAGAAGAGGAGGG GGGAAACAAGGGGGCCAGGGAAAAAAAACCAAGAAAGGACACGGAAAGTT AACCGGCAGGGGGGAAAAGGCCAAGGCCGGAAAAGGGGCCAAAGGAAGGG AGAAGAGAAAAGAGAAAAAAGGCCAAAAGGAAAGGAGGGGAGAACCAGAG AAAGGAGGAGTAGAGAGGGGGGAAGGGGCCAAGAAAAAGAGGACAAAAAT

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AACCGGCCGAAAGGACGGAAGGAAGGGGGGGAGAAGGAGAGGGGAGAGA AACGGAGGAGGAGGGAGAAAGGGGGAGAAAAGAAGGAAAAAAAAAGAAGG GAGAAAAAAGAGGGGAGAGCCGAGAGGGGAAAAAAAAGGGGAAACGGGAA GCCCAGGAGGAGAAAGAACGGAAGGAGGGGGCCAAAACCGGAAAAAAAAG G G G G GAA G GAAAAGGGGGGAAAAGGAAGGGGAAAAAAGGCCTTGGAAAA G GAAAAGGAAAAGGAAGGGGGGGGGGAACCAAAAGGAAGGAACCAACCAA G GCCGGGGGGAAAAAAGGGGAAAAGGCCAAGGGGAAGGAAAACCAAAAGG G G G G G G G G G GAAAAAAGGAAAAAAGGAAAAGGAAGGAAAAAAAAAAAAGG CCAAGGGGGGGGGGCCAAAAAAAAAAAAGGAAGGAAAAGGGGAACCGGAA AA G G AAAAAAAAAAGGGGGGAAAAAAGGCCAGGGAAAACCAAGGGGGAAC AA $\operatorname{l}$ GGGGGCCAGGACCGAGGGAGGGAGGGAGGGGAAGGGGAAGAGGGGA GGAGGCGGGAGAGGAAGGGGGAAAAAAAAGGAAGAGACAGGAAGAGGCA AAAGAACCCCCCGAAGGGCCGGGGCACAGGAAAAAAAAAAGGCCGGAGGA GGGACACGAAAGCAAGACAGAGAGAGAAAAGGGAAAAACCAGAGCAGGGA AGCAGGCCAGAGAGGGGGGGCGGAAAACAAAAGGAAAAAAGAGGGAGACC GGAAAAAGCCAACAAAGGAAACGGAAAAAGGCATGCAAGAAAGAGGGGGG CCAA $\operatorname{CAGGGGGAGGGGAA} \operatorname{GACGCCCCGGAAGGGGGACCGAGGGAGGGAG}$ GCCGAAGCAAACCGGGGGGGATAAAAAAAGGGGGGCCTAAGAAAGGAAAG GAGGGAAGGGGAGGGGAGACAGGAACCCCGCGGAAGGCCGGGGAAAAGG GGAGAAAAGAGGGGAAAAGAGGAACCAAAAAAAAAAGGGGAAGAAGACGA AACAATGGCCAAAAAGAAGGAAAAAAGGGGGGAACCGGAAGGGGCCGGAG G GAGGAGGAAGGGAGAGAAGGAAGAAACAAAAGAGGGGGGAAGGCAAAG G GAAAGAGAGGGGAGAAAAAGAGAGAACCCCAACCAAAAGAGAGGCCGAG GGGGGCCAGAAGAAGAGGAGAAGGAACAGGGAGAAAAGGGGAAGGAGAA CCGGAAAAGGCAAAAATTACAGAGGGAAAGGAAGGGAGGAAGAGCCAAGG AAAAGGGGGGAAGGAAGCCCAAAAAAAAGGAAAAGCGAGAAAGAACGAGG AAAGGAGGGAAGAGAGAAAAGAGAAAAAAAGGAGAAGGGGGAAAGAGGGG AGCCAAGGAAGGCACAAAAAGGGGGGGAGGAGAGAGCAAAGAGGAGGAAA AGCCAAGGAAAAGGACACCAGAAAAAGGAAGGACCCAAAAGGGGAAGAAG GAAGGCGGACGGAACCCCAAAAGGGGAGAAGAGGGGAAAGTAGGAAGGAA G G G G G G G GAAAAAAGGAAAGCCCCGGAAGGGGGGAGAAAAGACCAAAAAA GGGGAAGGAAGAGGAGGAGAAGAGAGAAGGAACAAGAAAGGGGGCCGGA G G G A A G G A G A GAA G G AA G G GAGGGGGGGGGGACGAGGAGAACACAGAAA AA G G G GAAAGAGAGGGGGACAAAGCCGGAAGAAAAAAAGAGAAGGAGGGA GACCCCGGGGAAAAGAAGGGAAAGGAGAGGGGGGAGAGAAACCCCCAAAG AAAAAAGGAAGGAAAACCCCGGAAAGAAAGAAGGGGCAGGAGGGGGGGGA AGAAACAGAAGGAGAAGAACAGAAAAAAGGACGGCACCAAGGCAGCGGAA G G G G GAGAGAGGAGACCCAAAAGGGGGGTTCCGACCGGCCGGAAAGAGAA GAGGCCAAAGAAGGCCGACCGGCCCCGGGGACGAGGAGGGAGAGCCGGG GGGAAAAGGAGGAAAGGAAGGGGAAGGAGACAAGGGGGGAGGGGGAAGA GACCGGTTAAAGGGAAAAAAGGGGCCGGAGACGGGGAGAAAGAAAGCCCA GGGGGAAGACAGGGGGAAGGGGGAGGCCCCAGAAAAGGCAAAGGCCAACC GGGAGAAGAGGGGGAGGGGAAGGAGGGGGGAGCACCAAAGAAGGAAAGA CCAAGAAACCCAAGGAAGGGAAGGGGGCACCGGAAAAGGAAGAAGAGAGA AGGGGAACCGGCCGGGGAAGGCCAGAGAAAGAGAGAGACAGAAGGGGAG ACGGAGAGAAAGAAAAGAGAGGGGGGGGGAAGGGGAAGAGAGAGAGAAG AAACAAAGGGAGGCCCCCCGGGGACGAAGGGGAAGAGAAAGGGAAGGAGG AACAAAACCGAAGAAAGAACAGGAAGGAGGGGGAAGGAAGGGGGAAGCCA AGAGAGATAGGGGCACACAAGGGAAAACAAAGGGGAAGAAGGAGGGAGGA AAAAAAGGGGAGGAGAGCAAAGGCCAGGAAGCAAAAGGGGGAGAAGGAGA
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G G G AAAAAAGAAGGTTCCGGAAAAGGAACCGGCAACGGGGGGCAGAAGGG GACCAACAGGGAAGAAAGGAAAAAAAGGCCAGAAGGAAAAAAGGAAAAAA CGCAGGAAAAAAAAAGAAAGGAGGGGAAGAAAGAGGATGGAAAGCCAAAG A GAGGGCCAAGAGAAAAAGAATAGGGAAAGAAAGACGGGGGGGGGAAGG GAAAAAGGGGGAGGGACAAGGAGAACCGGGGGGAAACGGGGAGGGAAAG G G G GCA GAGGGGGGAATTCGAAACGAAACCAAGAGAGGGGGGAAAGACCC G G A G G G G A A A A CAAGGAAGGAAAAGGCCAGAAGGGGGAGGGGCCGAGGC CGGCCCCGGGGGGAAAAAGAAGACCGAGGAAGGAGGGGAAGCCGGAAAAC AGAGGAGCAAACCAACCTTCCGAAAGAGAAGCCAAGGAACGAGGAGGAAA AAACCGGGGAAAAAACCAAAAGGAAAAAAGGGGAAGGGGGGAAGGCCCCA AAACCGGAAAACCAAAAGGGGAAGGGGGGAAAAAATACCAAAATTGAAGA GAAAAAAAACCAAGGAAAAAAAACCACAAGGCCAAAAGGAAGGAGGGAAC ACAACAGCAGGGGGGAGAGGAGGAAAAACGGGGGGGGGGGGGAGGGAAA GAAAAAAAGGGGGGAAGAGAACAAGGGAGAGAAACAGGTAAAAGAACCGG GGAGAAAGGAGGCAAAAGAAAAAAAAAAAACAAAAAAAAATTAAAGGGAA AAAAGGGGAAGGGGGAAAAAGGGGGAAAGGGGAAAAGGGGGAGAAAAAC CAAGGAAACAAGAGGAGGAGAAGGGCAAAAAGGGACAGAAGAGAACAGGA GAGGGCACCAAAAGAGAGACCAAGACAGGAGAAGAAGGACAGGAAGGGGG AAAAAGGCCAAGGAAAAAAAACCCCGAGGGACAAGGGGACCGGAAGGGAG GAA G GAAAAGGCCGGAAAAAAACGGGGGGGGGGAACCGGGGAACAGGGG AAAAGGGAGAGGAAAACCGACCAAGGGGGGAGAGCCGGAGAGGGCCGGG GAAGAGAAGGAGAAGAACCAGGATAACGGACGAGGAGAGAAGGACGGGGG AGAAGAACCGGAAAAGGACAAAGGGGGGGAAAAAAGAAAAACCCCAAGGA AAAAAGGGGAGAACCGAGAAAAAAGGAGGGAACGGCCCAGAAGGAGAAAA AAAGAGGCAAGAAAACCGGAGGGGGAAAAGGAAAAAAGGGGAGAGAAAGG GAGAAGGAGGGAAGGAGGAGACCAAAGGGAAGGAAAACCGGCAGGGGGG ACGGGGGAAAAGAAGGAGGGGGGGAAGAGGAGACGGGGGGAAGAGGGAG ACCGAGGGGGGAAAAAAAGAGGGGGGGGGGGGAGGAAAAAGAAAGACCC GAGAAAGGAAGGCCCCGGGGAAAAAAGAGAGAGGGAAACCAACCGACGCA GAGGAAAAGGGGGGGGAGCCAGAAAACAAGGAGGAAAAGGAAGAAAAACC AGGGATGGAGGAAGGCGGGGGAGGCAAAGAGAAAAGGGGAAAAGACGAG AGGAGAGCACCGGCCGGAGAAAGAAAGAAAAAGAAAGAAAAGGACAAAAA AAAGGGGCAAGCCAAAGAGCCGGAGGGGGAGGAGAAAGAAAGGGGCCGAA AA GAACCAAAAGGCAAGAGAGGGAAGAGCAGGGGACGGACCACGAAACAG AA G G GCCGGAAGGAAGGGGCCGGGCAGAGAGAAAAAAGGAGAGGGAGAG GAAGAAGGAGGGGGAACCCCGGAACCAGGGACAAGGAAAAAAGGACAGAT G GACAGAAAAACACAACCGGAAGGAACCAGAGGGAGAAGAAGGGCCGGAG GAGAGGGGAAAGAGACAGAAGGGGGGAAAAGGAAAACCAAGGACAGGAGG CAAAGGGGGAGACCGAAGGGCAAAGGAAAAGGAGAAAGAAAAGGGGAGGG
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CGGGGAAAAAAGGAAAAGGGGGGAAAAAAAAGGGGGGGGAAAAGGGGAA AACCCCAAGGGGAAAACCGGCCCAGGGAAAAAAAGAGAAAAAGGAAAGGG AGAAAGGAAGGGAAGAACCGAAGGGGAAGGGAGGAGAGGAGGGACCGAA GAGGAGGAGAGGGAGGGAGAAAGACGGAGGGGGGGGGAAGGGACAAAAA AACAGGCAGAAAGAGACAATGGGGAAAAGGGGGAGGCCAAAAAACCGGCC A GACGGGGACAAAAAACAAAAAGAGGAAGGGGAAAGGGGAGGAGAGAAAT GGAACCAAAAGGACGGAAAAGGGGATGGCCAGGAAAAAAAAAGGAATTAC GAGAAAAGGAAGGAAGAGCCGAGGGGCCAACCGGGGAGCAGAGGAAAAAA GGCAGGGGGAAAAACCGGACGGAAAAGAAAAGAAAAAAATAAAGAGAAAG CCAACCGAGGCCGAAGGGGGGGGAGCCCGGATGAAGAAGAGGACGGAGG GCGGGGAAGGGCCGGAAGGGGAAAAAAGGGGGAGAAAAAAAAAGGAAAAG G G G G G A A G G G G G GAAAACCGGAAGGGGGGGGGGGGCCAAAAAAAAGGCC AA G GAAGGAAAAAACCGGAAAAAACCGGGGGGGGGGGGGGGGGGCCCCA A G G G G G GCCCCAAGGGGAAAAAAAAAAAAAAGGAAGGGGGGGGAAAAAAG GAAAAAAAAAAGGTTGGGGAAAAGGAAAAGGGGAAAAAAAAGGGGAAAAC CGGGGAAGGAAGGAAGGGGAAGGGGAAGGGGAACCGGCCAAAACCCCCCG GCCCCGGCCAAGGAAGGGGAACCAGGAAGAAAAAGGGGGAAAGAGGGAAG GAGGAACAGGAAGGGGAAAAACCGAAAAAGGAAGGAGCAAGAGGGGGAGG AAAAAGGAAAAAAGGGGCCAAGGAGGGGAAGGGGGGAAGAAGGGGAAAG GAAACGAGAGGGGGGGAAGGGGCAGGAAAGAAAAGAAGAGAAAGACCGAG G G G G G GAACCAGGGGGCAAAAACCTTAAGGGGAACCAAGGAAGAGGAGAG AA G GAAGAAGCAAGAGGGAAGGAGGAGAGGAAAAGGAGATGGGGACAAG GAAA $A$ A G G G G GCCGGAAGGGGAAGGAGGGAAAGAGAAGGAGAGAAACGG G G G A GAGAGGCAGAGAGAAAGGGGAAAAAAGGAGGGGGGGAAGAAGCCA GAAAGAAGGGAGAGGAAGAAGGGAGGGGACCCCGGGGGGGGAAAAGAGG GGCCAAAAGGGGGAGGGGGGGGAAAACCGAGAGGAGGAAGCACGGGGGG GAAGGGGAAAAGGAAGGAAGGAAGGGGAAGGCCAAGGAAAAAAAAAAAAG GCCAGAAAAGGAAAAAAAACCGGGGGGAAGGAGCAGAGAAAAGAGAAAGA GAACCCCAAAAGAAGGAAGGGAGGGAGGGAAGGGGAAGAAGAGGAGGAG CAGGGAAGAAGGAAAGGAAGCAGAAGAAGGAAGGCCGGCCAAGGGGGAAA GGAAAGAGGAGGGAAGGAACGGGGGGAGAAGGGGAGGGAAGGAAAAAAG GAAAAAAGGAAAGAAGAAGGAGAAACCTTGAGGAAGAGACCGGAGAGAAA AGAACACGGAAGGAAGGAAGCGGACAAAAGGGAGAAGAGGGGGGGAAAGA GCAGGGAGAAAGGGGAAAAGGAAGACAGGAAGGGGGGAGGAAGAACCCC GCCCACAAGAACGAAACGAAAAAGAGCCAGAGACAAGGAAGGAGAGAGGG GAATAGGGGAGGGAAGAGGGGGGGACCCAAAAAAGGCCAAGGGACCAGG GAAGGCCAAAGGAACGGGGGAGGAAACAAAAAAAAAGAGATAACCAAGAA GAAGGAAGGGGGACAGGAAGGAAGGCGCCAAAAAATTCAGGAGGGGGAAA GAAGAAAGGAAGGGGGGGAGAGAAGAAGGGGAAGGAAGGCCGGGGCCGA GGCCGAAACCGGGAAGGGGAGGGGGAAGAGGAAAAGGAGGAAAACCAAG GAAAGAATACAAAAAGAGGGGGGGGGGAAGGGAGAAGGGAGGAAGAGCC AACCGGGGCAGGAGGAAAAAGGAGAGGGAGGGGAGGCCGGAAGGAGAAG AA $A$ AAAGGAAACCGGGGGGAGAGAGGGACGGCCAGAGAGAGAAAAAAGGG AAGAGGACCAGAAGGAAAAAACAGAGGGAACGGGGGGGAGAGGAAAACAA AGAGAGAGGAGAAAAAAGAAAGAAAAAAAAGGACCGGGGCCGGGGAGCCA ACGGGCCGAGGGGAAGGAGAGAAGGAGGGAGGAAACCCCGGAAAAAAAAA AGGAGGGCAAAGGGGAAGGGGAAAAAGACAGGAAAAGGGAGAAAAGAAGG GGGAAGGGAGAGGAAGGAAAGGGCCGGGGGACCGGGAGAGGAAGGCAAG GAAGCCGGCCAAAGGAGGCCCAACGAAAAAAACCGGCCCCGGAAGGAGAG G GAAAAGGAAGAAAGGGAAAGAGGAAAACCGGGGGGAAAAAAAAGGGGAA AAAGCCAAGGGGAAAAAAGGGGAACAAAAGGGAAGAGAAAAGATAAAAGG AAAAGGAAAGGGGGGGGGAGAAAAAAAAGGGGGGAGAAAGAAAAGAGAG G G G G G G G G GAAAAACCAACAGAAGGACAAGAGGGGGCCCGGCAGGAAGG G G G AAAAGAGGGAAAAGGCCAAGGGAAACCGGAGAGGGGAAGAGGCGGA GCCGGACAAGGGGGGGGGGGAAGAGGGCAAGAAAACCGGGGGGGAGGAA GACCAGAAAGAGAGAAAGGGGGGAGGAAAAAGGGGAAAATAGAAAAAGAA GAAAAAAAGGGGAAAAAAGAGGGGAAAAAGAAGGAAGAAGGGAGAGAGAA GGAAAGAAGGAAGGCCGGAAAAGGGAAAGAGGAGGAAGAAAAAGGAAAAC AAACGGGAAAAGAGGGGGGGAAGGCAAACCAACCAACCGGACGGGAGGAA ACAGGAGGAAAAAAGGAAACAACCCCGGAGAAAACCGGGGGAAGAAAGGG GAGGGGAAAAAAGAGGAAGGCAAGCCAAAATAAGAAGGGGCCCCAAAAGG

AGAAAGGGGACCGGAAACGGACAAGGAGGGGGGGAGAGACACACCCAAGG AAGAGGAAAGCCAAGGGGAAGGGAAGAAGGAGAGAAGGGGGGAAGGGGA GGAAAGAAAGGAAGGGGGGAGACAAAGCCAGGGAAAAAGAAGGGGGGAA GAGGGGGGAACCGGAAGAAAAAAGGAAAAAAAAGAGAAAAAGGGCCGAAG AAAAGGGGAAGGGGAAGAGGGAGAAAGAAAGAGGAAAGACCCGGAGAGG GAAAACCGGGAAGAGAGGGAGAAACGAAAGGGGTAAGAGGGCCGAAAAAC CCAGAGGGGAGGAAAGGAAGAGGGGGAAGGGGGGAAGGAGGGGGAGGAG AGGAGGAAGAGAAAAAAGAGGAGGGGGAGAGGGAGACCGGAAGACCGGG GAAAGAAGAAGGGGGGGGGAGAAGAGAAGCACCAGAGGAAGGGACAAAAG GCCAAACAGAAAAAGCAAGCCGAAGAGAGAGGAGGGGGGGGGAGGGAGG ACAGAGGAAAGGCCGGAAGGAGGAGGGAGGAAAGAACCGGCCGGAAAAAA AAGGAGGACCAGAAAGAATTAGAAGGGGAGAGGAAAGGAAACCAAAGAAG GGAGAGAAAAGGGGGAGGCCGGCAACGGGAAAGAGGCCGGACAAGAGACA AAGGAGGAGGAGAAGAAGGAGGAAAGACCCAGGAGGGAAGGAAGAAAAGG GGGGAAAAGGCCGAGAGAGAGAGGAAAAGGCCAAAGGGGAAAGAGAGGG AGAGGGGCAAGAGGGGACAGAAGACAGGGAAAGCCAGGGAAAAGGGGAG CCGAAGCACAAGAACACAAGGGAAAAAAAAGGAAGGTTGGAACCCCAGGG GAGAAAAAGAGAGGGGGAGGGAGGGGAAAAAAGAAAGGGCAGGAGGAAG AGGGACAAGAAGAAAGGCCAAGGAAGGGGAAGGAAAGCGGACCCCACGCG GGGAAAACAGGAAAAAAGGGGAGATAGCCGACCGGCCAAAAAGGGGGAAG G G G G G AAAAGGAAAAGGAAAAAGGAGGGGGGAAAACAGGGGAGGGAAAA GAAAGGGGAGGGGGTTAAACGAAAAAGGCCAAAGAAAGAGAGAAGGAGGG CCGGCCAAAGACAGAGGGGGGGGGGGAAAAAAGGAAAACATAAGAAGAGG A G G A G G A A A A G G G A AA G GAA G GCCGGCCGAAGAAGAGGGGAACAGGCCGA AGGGAGGAGACAGAGGCCAGGGAAAGGGAACCAGGGACAAAACCGGATAG CA $\operatorname{l}$ GGGGAGCAAGGGGCCACAACCAGGGGGCGAGAAGAGGAAGGAGAAG CAAAAAAAATTCCGGGAGGAACAGAGGAAAGAGGGAACCAAGGACAGAGA AAAGAAGAAAACACCAAAAGAACAGGGGGAAAGAAAAAAGAAACCGGGGG GAAAAAAAGAGAGGGGAGAAGAAGGAAAAAACAAGGGAGAGAAAAGAGAG AGAAGGAGAGGGGAACCAAGGAAAAAAACCAGGGGAACGAGAAGGAGGAG GGGAAAAAAGGAAGGGGGGGGGGGGAAAAAAGGAAGGGGACCAAAAGGG TTGGACAAGGGAAACCCCAGGAAAGGCCGGAAAAAAGGCCCCAAGGCCCC G G CCCCGGGGAAGGAAGGAAGGGGGGAAGGGGGGGGAGATAAGGGGCAA
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G GAGAAAGGAAAAAAAGACAACAAGGGGGGGAAAAGGGGGGGGGAAGGG AACCGGAAAAAGGGGGGGACGGAGAAGGAAGGGGAAGGGAGAGAAGCAA AGAAGGAGAGGAGGGCCGGAAAAAGGGGAAAAAGGGGGGAGCAGGAAAA GAAAGGGAGGAAAGGGAAAAAGAAGGAGGAAAAAAAGAAGGGACAAGGAA AGAAGGGGAAGAAAAGAGGAGGAGGAGAGAGAAAAAACAGGAAGCCGAGG G GAAAAGGGAGAGAAAAGAGCAGGAAAGCCAAAAGGGGGAGGAGAGGAAA AAAGAGCCGGAAAAGAGGAAAGGGAAGGGGAAGGGGGAGGAAGAAGAAG AAAAGGAGGGAGGAACCAGGGACGGAAGGAAAAGAGGAGAGGAAGAAGGA AAAGGAAAAGGGGAAGGAAAAGAAAGGAAAGGACAGGGAGGAGAAGGGAC AGGAAAAAAAACCAACCAGACAAGGGGGGCCAAGAAGGAAAGAACAGGAA GCAAGAAAGGAAACCAAAGAAAAAGAAAGGAAGGAAGGAAGAAGAGAAGG AAAAGGGAGGGAAGGAGGGGAAGGAACGGCCCCAAAAAAGGGAAGCAGGA AGGGGCACCCAAGGAGGAGGGGGCAGGAGGAGAAAAAAACCAAGGGGGG ACAGAACCGGAGAAGGCCAAAAAAGAAAAGGGGGGAGGAAAAAGAAGGCC AAAAAGCAGGGGGGGGAAAGGGGAAAAGAAAAGGGATTAAAGAAGGAAGA GGAGAAGAAAGGACGAGGAAAAGGGGGGAACCGGAGCCGAAAGAAGAAGG G GAGGGCAAAGGGGGAAGCCGACCAGAGCCGGACGAAGACGGAAAAAGGA G G G G G G G GTTAGAAACGGGGGACCGACAACAGGAACAGAGGGCAAGAGAA GAGGAAGGAGACGAAGGGAAGAAGCAGGGGACGGAGGAAGAACCAAAGAA AAGGAACCGAAACAACCAGAAGCAAAGGAGAAGAAGACAGAAGGAAAAGG A G G G A G G G G GAAAAAAGGGGGAGGAGGGGGGAGGAAGAGGGGAGGAAGC CAGGACAACGGGAAAAAGGAAGAAGAAAGGGAAAAAAGAGAGGAGGGAAG GAGAAGAGGAAAGAGCCAGGAGGGGAAAAAGGGGGGGACGAGAAAAAAAA GCCGGGGAAGGAAGAGGCCACGGGGGAAGGGAGAGGGGAGGAACCGGCC AA GAAAGGGAGGAGAGAAGAAACCACCAAAAAGGAGAGAGGGGGAAGGAG GAAGAGAACCCAAAAACCAGAGCAACGGAAGGAGAGGGCCAAAGCCGGGG GAAAAAAAGGGGGGCCAAAAGACAAGGAGGGGAAAGAAGACAAGGGGGAA AAAAAAAAAAAAGGAGCAAAAGAAGGGGAGAACCGGAACAGGCCAAGGGG AAAAAAAAACAAAGAACCGGGAAGAAACGGAAAGGGAGGGACAAGGAGAA G GAA G G G GAA G G G G GAGGGAGGAAAAGGGGGGAACAAGGGAGGGGGGAG GGGGGAGAAGGGGAGGGGGAACCAAGGAAGATAGGGGAAAGGGCAGGGA AA $\operatorname{H} A A A G G G G A A G G G G G G G G A A G A A G G G G G A A G G A G G G A A G G A G A A G A G$ GCCCCGGAAGACCACAAAAGGAACCAGAAAAGGACAAAGGAAAGGAAGGA ACCAAAAAAGGAACCGGCCAAAAAAAGAAAAGAAGAAACAAGGGACCGAG G GAAA G G G G G G G A A A GAGGAAAGGGGGGGGGCCAAGACCGACACAACGA A G A $\ln$ A G G G G A G G A ACCGGAGGGAGCCAAGGGGAAGGAAAAAAAAAAAAAG GAAAAAGAGGGGCCGGGGCCGGAAAGGGAGAGGAGGACAGGGAGAGGGA AGAGGAAAAGGCAGAAAGAAGAAGGAAAAAAGACCACGAGAGAAGGACAA GAAAGGAGAAAAAGGCAAGGAAGGACAAGAAGGGAAACAGGACAAGGAGA TGGAAAAGGGGAAAAGGAAAGGGAACGAGGGGACAGGACGGGGAAGGAA AAAAGGAGAGAGAAAAAAGGAACCAAGGAGAAACCCAAAGAAACGGAACA G G G G A A G GAAA G G GAGGGGGGGAAAGGGAGGGGGGAGGAACAGGAGAGA GAGAGAAGGAGAATTAAGGGGAAGGCCAACCAAGGAAAAAAGGAACCAGA AAAAAAGAAAAGAAGAGGGAAAAGAAAAAAAGGCCAAGGACGAGGACCAA AAAGGGAGGAGGGAAAAAAAAGGGGGGAACCAAAAGGCCAAAAAAGGAAA AGAGGGAGAGGGAAGAAAGAAGGGAGGAAAAGGAAAAGAAGAAGAAGGAA AGGAAAAGAGGGGAACCGAGAGAACAGGGAAGGGGGGAAAAGGAAGGCC G G G G G G A A A G A A G G G G G G G G G G G G G A G GCCGAAGGGAGGAAGAGAGCCG GAGAGGGCCGGAAGGAAAGAAAAGAAGCCAGGAGGCAAGCCGGAAGGGGA AGAAAGGAGGGAGAAAGGGGGCCAACCGGGACAAGCCGGGGCATTAGGGA AA $\operatorname{A} G \mathrm{G} G \mathrm{G}$ GAGGAAACAAGAAGCGGGAGAAGGAAGGACGAAGGGGGAAGA AGAAAAAGAAGATAAAGAAACCGGGAAGAAAAGGACCCAGAGAAAGGGAC AGGAAGAGAAGGGGGGAAAAAGACAGAAACGGAGGAAAAAAAAGGGAGAG G GCCGGGGAGAGCCCCAGAGGGAAAAAGCAGGCGAAAAAAAAGGGGAACA G G CAAAACGGCAAGGGGGAAAGGGGGAGCCAGCCGGAGGGAGAGGAGGG GAGAAAAAAGGGGAAGGCCGGCCAAAAGGAAAAGGAAAACAAAACGAGAA GAAAGGAGGGGGGGACCAGAACCGGGGAGGGCCAAAAACAGCAACCAGGA AA G G ACAAGGGGGACAAGGAAACAGAACAGGCCGGCCCCCCAGCAGGGGG GAAGAGAAAAAAAAAAAAAAAAAGGAGCCAAGGCCCAGGAAAGGAGGAGG GAAAAAGAACCGAAAGAAAAGAAGAGGGAGGAAGGGGAGCAAAGAGAGAA AGGAAGGAAAAAGAGGAAGGGCAGAGGAAGAGGGGGAAGAAGACCTTAGA

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G GAACCGGGCACGAGGAGAAAAAAGGGAAAGGAGGGGAGGAAAAGGGATT G GACGAGAGGAAAAGACAAAGGAGCCGGAAAGCACAGGAGAAGGACCCGG CCAGGAGGGGAGGAAAACCCGGTTTTGGAAGAGGGGGAGGCCAAGAGGG GCAAAACGGAAGACCGGAAGACCGAAGAGAAGGGAAAAACCGGAACCCAA AAAAAGACGGGAAAGAGAGCAAGGGGGAAGGGGGGCACCAAAAGAAAAAG GAAAACGAAGAGGGGAGAAGGAAGGGGAACCGGAAAAGGGGGGGGGGCC AA $\operatorname{G}$ GGGCCAATTGGGGGGAAAAAAGGGGGGAAAAGGAAAAGGAAGGGGG GAAAAGGGGGGAAGGAAGGGGGGAAGGGGGGGGGGAAAAGGGGAAGGGG G GTTGGAAAAAAGGGGAAGGAAGGAACCCCGGAAGGAAAAGGGGGGGGA AAAAAAAGGGGAACCAAAAGGGGCCGGGGGGAAAAGGAAAAAAAAGGAAA A G G G GAA G G G G G G G G GAGAGGAGAAACGGGGAGGAAGCGGAGAAGAAAC AACCAAAAGAAGAAAAGGGGAGAAGAGGCCAAAGGAAGGGAGAGAGAGGA AAAAAAAAAAGGAAAAAACCAAGAGAAGGGGGACGGAAGGGGAGAAGGTT AACCGGGGACAAAGCCAGGGAAGAAAAAAAAGAAGGGGGGAAAAGGGGGG GACCGGCCGAAGGAGGGGAACAGAGGCAGAAAGGAGCCAAAAGGGGGGAA GAAAAGGGAAGGGGAGAAGAAAAAAAAAAAGGAGAGAAGGAAGGGAGGGG GGGGAAAACAGAGGAAGGGGGGAGAGGAGGAAAACCCCAAAACCGGAAGG CCCCGGAAAAAACCAAGGAAAAAAGGAGAGCCCAGAGGAGAGGAGGACCC AAAAAACCGGAAAAGGCCGGGGGACAGACCGGGGAAGGCCAGAAGGGGCA A GAA $\operatorname{A}$ GGGACCAGGAGGGGGAAGGGGGGGGAAGGAAGGAAGGGGGGAAG GAAAAAGGGAAGGAAAAAGATAAAAAGGGCCAGGGGGGAAAGGGAAGCAG GGGGGAACCGAGAAGGGGAAACAGGGAAAAAGGTTGGGGGGGGAGCCGG AAAAAAAGCCGGCCCCAAAAAAGGAGAAGAGGGGAGAAGAAAGGAGGGAA GAGAGGAAGGGGACAGAACAGGAAAGGGAAAAGAAGGGAAAGTTGGAGG G G G G G AAAAGGCAAAGGCAGAAAGGAGCAGAGGAAGGAGCAGGGGGAAA AAAAGAGGGGAAGAAGCCAGAGGGGGGAGGAAAACAGACAACAAGGAGCA AACAGCGGAAGGAGAAAAGGGAGGGGACAAGGAGAGGGAAGAAACAAGAA GAGGAAAACAGGCCGGGGGAGAGAAGCGCCGGAGGGAAGGGGGGGAGGA GAAACGAGGGAAGACGACCGGCCGGAAGAAAGGAACCAAGGAGAGGGTTA AGGAAAAAAGGAAAAGGAAGGAGAGGAGAAAAACAGAAGGGGAGGGAGGG GAAGAACGAAAGGAAGGAAGGGGGGAGAAGGGAGGAACAAAAAAACCGGG GGGCCCCAGAAGGGGACAGGGGAAGAAGGGGGAGGAACAGAACAGCCGG GAAAGGGGAGCAGAGGGGAAGGAAAAAGAGGGAAATAAAAGAAGCCGAGG GGGCAGAGGGACGGCAGGGAGGAGGACCGGAAAAGGGGGGAAGAAGAGA GAGGGGCGGGGGAGGGGAGAGAAGGGGAAAAAAAAGGAACCGGGGAAAA
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AAGGGAGAAAAGAAG
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GCCAAGAAAGAACGAAGAAAAAAAAGGAAAAGGGGAGAAGAGGGAAAGAA GGGAAAACCAGACGAGGCCAGACGGGGGGAAGGGGGGGAAAAGGAAGGG GAACGAAGGGAAAAAACCAAAAGGGGGGAAAAAGAGCCGAGAAAGAAAAA AGTTGGGGGGACCCGGGAGAGGAGGGAACGGGGGCCGGGAAAAAAGAGG GGAAAAACAGGAAGGAGGGAAAAGGGGAAAAAAAGGGGAAAAAAAAAGGC AGGAAGAGGGGGGCCGGGGAGCCGGAAAGAAACGAGAGGAACCAAAAGAA GGGGGAAGGGGGACAAACCCCGGGAAGGGGGGAGAAACCTTAAAGCCAAG GGGGGACAAGGAAGGAAGGAAGGAAGGGGAAAAAAGGAAGGAAAAGGAG GGAAGACAGGAACAGGAGGGAGGGGGAAGGGGGGAATTAGAGAAGAAAA CAAAAGGAACCAAAAGAACAAAAAAGAAAAAAAAAAGAAAAGAAAGGGGA CAAAAAAGGAAGGAAAAGGGGAAGGGAGGAAGGAAAAAAAAGGCGCAGGA GGAGGGGGAAAGGGGTTGGAAAAGAAGGAAAAGGGAGGAATAACCAACCC CCCGAAAGGAGGGGGAAGGGACAAAAGGGGAAGAAAGGCCCGGAACCGGG AAGAGGAGGAAGAGGAGGAGGGGGGAGGGAGAAAAGGAACAAAAACCGG GGCCGGAAAACCAAAAGGACCCGCGACCGGAGAAGGGGCAAAGGGGCCAA ACGAGGCAAAAAGAGGGAGGCAAGCCGGAAGGAGGAGCAGGGGAGAAGAA GAAAGGAAAAGGGGAAGAGGGAAGGGGAGAGAAGGAGAAGACACGAGGA GGGGGAAGGGGAAGGGGGGCCAGAAAAGGAACGAAAAGGAACCAAGGGG AGGGAAAAAGGGACGAAAGGAAGAGGAAAAAGCAAAAGGAAAGAGAAAGG GGGGGGGGGGAAGGAGAGAAAAAAAGCCAAGGGAGGGAAAAAGAAAGGG AGGGGGGAAGGGGGAAAAAAAGGAAAGAAGGGAGGGCGGAGGGGAGGCA AA G GAA GAGAAGGACAAGGGAGGAGAGGAGGGGGGGAGAAGAATAAGGC CGAAGGGGGGGGGGACCAAGAAGCAGCGGGGCCAGCCGAAGAGAAGGGG AA GAAAAGGGACAACACCAGAAAGGGAAGGAAAAGACACCGAAGGGAGGA AAATGGAAGGGAAGAGGGAAGGGGGAGGGGGGCCAAAAGGGGCCAAGGG GAAAAGGGGGGAAAAGGGGAAGGAAGGGGAAAAAACCGGGGGGGGGGAA GGAAGGAAGGGGGGAACCGGAAGGAAAAGGAAGGGGGGGGGGGGGGTTA AGGAAAACCAAAAAAGGGGAAGGGGAAGGAAAACCAAAAGGAAAAGGAAA AAAGGAACCTTAAATGGAAGGAAAAAAAGAAGAAAAAGGGGGGGGAGAGA AAAAAGGGGGGGGAGAACCAAGAGGAAGGGGCCAGAACCGGGGTTAAGG GGAAAACCAAAACCAAGGGGAAAAAAGGCCGGAAAAAAGGAAGGAAGGGG AAGGCCAAAACCGGAAAATTGGAAGGAAGAGACAAGAAGGAAAACCAAGG GGAATTGACCGGCCGGAACCGGAAGAAGGGGGCCGGAAAAGGAAGGCCAA AAGGAAAACCAGGCAGGGAGAGAAAGGGAAAAAGGGGGAAAGAAAAAAGG AGGGAAAGGAGGGGAGAAGAGAAGAAAAAGAAAAAGGGGCCCAAACAAGA GGAGAAGGAGAGAAGGGAAAAAAATAGGAACCGGGAGAGCCCGAACGGGG AAAAAAAAAAGGAAAACCGGGGAAAAAAAACCGGCCGGAAAACCGGGGGG AAAAGGAAAAAAGGGGAAAAGGAGGAGGGAGAAGAAAGAGAGAAACGGGG GGGACAGGAAAGACGGAAGGAAGGGAGGCCAGAAGAAAGGTTGAAAAGAG CCGGGGAACCGGAGAAAAAAAAGGCCGGAAGGAAGGAAGGGGGGAAAACC GGAACCGGAAGGGGCGAGAAGGAGAGGGCCGAAAGGAAAAGGGGGGAAG GGGAAGGGGAAAAGGAAGGAAAAAAAGCAGGAGGGGGCCGCAAAGGGAA GAGGAAAAAAAAAAGGAGGGAGCAAGGGAAAAGGGGAAGAGAAGGGAGG GGGAAGGAAACCAGGCCGGGGACAAAAGGCCGGGGAAAAGAGACCAAGGA GAAAAAAGAGGAGTTGGGAAACAAACACCAATAACGAGAGGAAAAAACCG GGGGACCGAAGAGAAGGGAGGATACCCGAAAGGGGGGGAGGGGAGGGCA GAAACCACAACCGGAAAACCAAGGGGAGCAGGGGGGAGGACCCCAAGGGA AGCCGGTTGGGGAGAGAGGAGAGGAAGGGGGAGACAGAGACCAAAAAAG GGGAGAAAAAAAGCGGGGGGGAGAAGAAACCAAAGACAACCAAGGGGCCG GGGCCGAAGACGAGGAACCAAGGGGAAGGCCAAAAAAAAAAAGAAAAGGG AAGAGCCGAAAAACCAAGGGGAAAGAGACGGGGGGGGAAAATTAAGGGAG GAAAAGGAAAGAGAGAAAAGGAACCAAAAGGGAAAGGCCAAGGGGGGAAG GAAAAGGAAAAAAGGCCTTAAGGAAAAAAGGAAGGAAAAAAAAAAGGAAC CCCGGGGAACCAAAAAAGGGGGGGGGGAAAAAAGGGGAAAAGGAAGGGG AACCAAAAGGGGGGGGGGGGGGAAAAGGAAGGGGCCGGGGCCGGGGAAG GCCCCAAGGAAGGAAGGGGTTAAGGTTCCGGCCAAGGGGGGAAGGAAGGA AGGAAAAAAAAAACCGGGGGGGGGGGGAAAAGGGGAACCGGGGAAGGAA GGAACCGGGGAAGGAAGGAAAAAAGGAAAAAAGGAAAAGGAAGGGGAACC AAGGGGAAAAGGAACCGGGGGGGGGGGGCCGGAAAAGGCCGGGGGGAAC CAAGGAAAAGGAACCAAAAAAGGAATTAAAAGGAAGGGGAAAAAAGGCCG G G G G G CCGGAAAAAAAAGGGGAAGGGGGGGGGGAAGGGGGGGGAAGGGG

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G GAGGGGACAAAGGGGGGGAGGGGGGCCAAAGAGGGGAAGCCGAGGGGG GCCGGGAGGGGCCGGCCGGACGAGGAACAACGGACAAACAACCAGAAAAA AGGCCAAAAGAGAGGAGCGGGGGAGAGGGATAAACGAGGGGAGGGGGAG G G G GAGAAAAGGATGAGGGGGGGAGGAAAGGGGGAAGAGGAACCAAAAA AAAGGCCAAAAAAAAAAAAGGCCGGAAAAAAAAAAGGGAAGGAGAAACAG GGGAAGGGGCCGAGGGGAGAGCAAGACGGCCGGAAGGGGGAAAAAGGGG A G G GAA G GAAAAGGAAAAGGGGGGAAAAAATTAAAAAAGGGGGATTAAAC G GAAGAGGAGAACCGGGGGGATACGGCAAAAAAAGAAAGGAGAAGGAAAA GAGGGGCAGATAGAGAAAAGAGAAGGGGGGCCAGAGAGAAGGAGGGGGG GAAGGGGACGAGACGGGGAAGCCGGAAGGGGCAGGAGAGGGAGAAAAAA AGTTAAAGAGGGGAGGAAGGACAAAGCCCCAGGGGAGAAGAGGAGGAACC GGCCGGAGACAAGGAACCGGGGAAGGAAGGCCGGGGAGGGGGAAAGGGC CCCGGAACCAAGGGGGGGGGAAGCCAGGGACACAAGGGAGGAAACGGAGA GAGGGAAGGGGCAGGAAGGGGGAGAAAGGAAGGAACCGACCGGAGAGGG AAGAGGAAAAAAAAACCCGGGAAAAAAAGGCGAGAAAAAAAGAAGGAAAA AAGGGAAACAAAAAGGAAACCAAGAGGGAAGAAAGGGGGGGGGGACAAAG A GAGGGAAAGGGGGGGAGGGAGGCGGGGAGGGCCGGCCAAAAGGAAAAA GGAAAGGAAGGAGAGAGACGAAGGGGGCCGGAGGGACAGGAGAGGAAGA G GCCAGGAGACCGGAGCCGGAAGGAAGGAGGAAAAAAAAGGGGAACAAAA AAAAAACCAAAGCCGGCCAAAAGGAGGAAAGAAAAGCCGGAGAAAAAAAG GGCGGGAACCAAAAAAGAGGAAAAGGAGCCTAAAGAAGGGGAGAGGAACA GAAAGGGGAAGGAAAAAAAAGACCAAGAAAGGAACGGAGAAAAAACCCGA A G G GAGGGAAACAGAAGGCAAGGGGGCCCCGGGGAGGAAAGGGGAGAGG GAAAAAAGGGGAAGGAACGCCAAAGAGGGAGCAAAAGGGAAGGAAGAAAT TGGGGAGAAAAAAAAGGAGAAGGGGAGGGACGAGGCCGAGAAAGAGGACA CAGACAAGGAAGAGAGGAGCAAAGGAAAGGGGGGGGAGAGAACAGAAAAA AGGGGAAAAAGGACAAAAAGGAAAAGAAGCCAACGAGCGGGGACAAAAGG GAGAAAAAAAGAGTAAAGAGAGATTAAACAACCGGCCAAGGAAGGTACCG GGAGAGGAAGGAGGACGGGAGGAAGGGAACCTTGAGAGAGGAAGAGAGG TAGGAACAAGGGCAGAACAAAGGAGGGGGGACAGAAGAGGAGAGCCGGGA GGAAAAGGGAAGGAAGGAGAGGAAGGGGCAAGGAGGAGAAAAAAGGGGA A G G G G G A G A A G G G GAGAGAAAAGGGGGGAGGGAAGGAAAGAGGGGGGCC AAACGGAAAGCCGAGGGGAAAAGGGGAGAAGAAAAAAAAGGAAAAGGGGG GGGGGGCCAAAGCCGGAAGGAACAGGGGAAAAGAAAAACCGGCCAAAAGG GAGAGAGGGGAGAGGGGGAAAAAAGGGGGGGGAACAAAAAAGGGACGGG GCCAAGGACAGAAAAAGCCACAGGAGGGAGGAGGGGGAAGGAAGGAAAAA CAGAGAGGGGGGGAGAAGGATGGGGGAGGAGAGCAGACCCAAAAGAGAA CACCGGAGGGGGAAAAAAACAGGAAGGGGAGGAAAAGGGGGAGGAGAAG AA $\operatorname{GAA} A \operatorname{AGGGGAACACCAGGGAAAAAAAAGGAGCCGGGGGAAAGGAAGGC}$ CAAAAGAAAAAGAGGGGAAACGGAAAAAAGGAAAAAGAACAGAGGGGGGG GAAAGGAAAACCCGGGGAAGGAAAAGGGAGGGGGGCCGGGAAACGCAAG GAGGGAAAGGCCCACAGAGGAAAAAGCACAGGGAAAGGAGAAGGGGAAAA GAGGGGAGAGAAACGAGAAAAAGAGGCCGAAGGGAAAAAATTGGAAACTT AA G GAACCGGGGAAGGCCGAAAGGAAAAAAGGGGTTGAAAGGGGGAGACA GGGGAAAGAAGGAAAAGACAAAGAGGAAAAAGAAATCCAAGGGGAAAAAC CCAGCCGGGGGGAAACGGAAGAGAAGAGCACGAAGGGGGACCCCGGAACA G GAAGAAGAAGGAAAGGGAGAGGGGGGGAAAGGAAGGGGGAAAAGGAAA AAAAGGGCCGGAGGGGGGGCCGAGGGAAGAAGAGAGGGGAGGGAGGCAT ACGGAAGGGAAGAAAACCCCGGGGGGGGGGGGCCAAACAAGGAGAGAGG A G G AA G G CAGGAGGAAACAAAAAGAGGGGCAAAAGAGGGAAAGTTGAAAA A G GAA G GAAAAGGAAGAGAGGAAGGAAGGGGAAGGGGAAGAAGCCCCGA G G G A A G A A CCGGACGAAAGGCCAAACGGGGAAAGAGCCGAGGAAGGGGG G G GCCGGGGGGGAGGAGCAAAGGGGAAAACAGGGCGGAGAAGGAGAGGA AA $\operatorname{l}$ GAAGGGGGGGAAGCCAAGGAAGAAAGGAAGGGGGGGGAGGGGAGGG G G G G G G GAGAATTAAGGAACCGGAAAAACAGAAACAGGAGGGAGGAGAGG AGAGGACGGAAGGAAAAGGAAGGAAGAGACCAAGGCACCGAAAAGAGGGA GAAGGGGAAGGCCGGCAAGGGAAGGAGAAAAGGAAGGAACCAAAACCGGA GAGGGGGACAAGGGGGGGAGGGGGGAAAAAAGGAGGGCGGGAAAGAGGG AGAGAGGGAAGGGAGGGAAAGGAAAGAGAAAGAAGGAAAAAAGGGACAGA AAAAAGGAGGGGAACGAGGAATCCGAAAGGGGGAGAGGAAGGAAGAGGG GAAGGGAGAGGAGCCCAGACAGGGGAAGGGAGGCAAGAAGGAAAGGAAG

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AA $\operatorname{A}$ GAAGGGGGGGGAAGGAAAGGGGAAGGGAAGAGGGAAAGGAACCGGG GAA G G G GCCGGCCGAAAAGAAGGGAAGGGGAGAAACCAGGACAAAGGGGA AGAACGGGGAGAAAAGAGGCAAAAAACAAGGAGGGAAAGGGGGAGAAAAA AAAAAGGGAACGGAAGGCAGGCCAGGGCCAAAGACAGGAGGACAAAAAAG G G G G G A A A G G GAA GAGGGGGGAACCGGGGAAAAGGAAGGGGCCGGGGAA G GACCAAGGACAGGCCGGGGCCAAGAAAGGGGGACAGAAACCGGAAAAGG AAAAAGGGGGGGCCAGGAGGAACAGAAGGAGGAGGAAGAGGAAAAGAGG G GACCGAAGGAGGGGCCGGGGGAGAGGGGGAGGAGAGAAGGGGAAGAAG A G G G G GAAAAGGGGGGAAGGAAAAAAAAAAAAGGAAGGAAAAAGAAGGGG AGAACGGGAGGAATAGGGAGAGAAGGCCCCAGAGAAGATTGACAGAATAG CAAGGAAAGCAAGAAAAAAAGAGGAAGGGGAAGGCCGGGGGGAAGGGGG GAAGAGAAACCGAACGGCAGGAAGGGAAAGGGGAAAACACAAGGGAGAAA ACCCAGGAACCAAAAGGCAGGGGGGCCAACCGGGGAAGGGGAAAAAAAAA AAAGGAAAAAAGGGGAAGGAAGGGGGGCCAACCAAAACCAAGGGGAAAAA AAAGGAAGGGGCCGGCCGGAAAAAAAAAAGGAAAAAAAAGGAAAAAAAAG G G G G G AAAAGGCCCCAAGGGGAAAAGGAAAACCAAGGGGGGGGAATTAAG GGGAATTGGCCAAAAGGGGAAAAGGGGCCAAGGAAAAGGGGCCGGAAGG G G G G G G G GAA G GAA G G G G AA G GAAGGGGAACCGGAAGGGGAACCTTAAG G G G G G AAAAAAAAAAGGAAGGGGAACCAAGGGGAAGGGGCCGGAAAAGGC CGGAAGGCCAAAAAAGGAAAAAAGGAAAAGGCCTTGGAAAAAAAAAAGGG GCCGGAAAAAAGGAAGGAACCAAAAGGAAGGAACCGGGGGGAAGGAAGGC CAAGGAAAAGGAAAAAAGGGGAAGGCCAAGGGGAAAAGGGGGGAAAAGGA ACCGGGGGGAAAAAAGGGGGGAAGGAAGGAAGGAAGAAGGGGAGAGGGG G GAGAAGGAGAGGAAAAGGGAAAAGGCCAAGGAAGGAAGGAACCAAAAGG AAGGAAAACCCCAAGGGGGGGGGGAAAAAAGGAAGGGGAAAAGGGGAACC G G A A G G G G G G G GAAGGGGAAAAAAGGGGAAAAGGGGGGCCGGAAAAGGA AGGCCAAGGGAAAAGAAGGGAGGACAAGGAAGGAAGGACAAGGAACCAAC CGGGGAAAAGGAAAACCAACCAACCGGGGAAAAAAAAAAAAGGGGAAAAA AGGGGAAAAGGAAGGAAAAAAGGAAAAGGCCGGAAAAGGGGCCAAGGAAG GAAGGGGGGAAGGGGGGCCGGAAGGGGGGAAAACCGGGGAAAAGGGGAA GGAAGGAACCGGAAAAGGCCGGAACCGGGGAAAAGGGGGGGGGGGGAAG GAAGGGGAAGGAAAAAAGGGGGGAAGGGGGGAAGGGGCCAACCGGAAAA AAAAGGTTGGAAAAAAGGGGAAAACCCCAAAAGGCCAAGGAAGGAAAAGG AA G GCCAACCAAAAGGAAGGAAGGGGAAAAAGCCAGAGAGAAAAGGGAGG AAAAGGAAGAGGAAAGGGGGCAGAAAGGAGGGGGACAGACGGAGAGGGG G GAGGAGAGGGGATTACGAAGGGAGGGGGAAGGAGAGGGAAACAAGGAG A G G G G G AA $\operatorname{la} A A A G A G A A A A A G A A A C G G A G G A C C A C A G A A G G A A A A C C G A$ G GAAGGAAAAGAGACGGGACAGAGAAGGACCAACAAGGAACAAGAAAGAC G G G G G GAGCCAAAGAGAGAAAAAAAAGGCCGGGGAGGAAGACAACCAGGG CCAAAGAGAGAAAGAGAAAGGAGAGAGGGGGGGGAGACAGAAAGGGAGAA G G G G G ACAAAGGGAACAGAGGGGAGGGGGGGGAAGGAAGGGGAAGGCCA AA $\ln A \operatorname{G} \operatorname{GA} A \operatorname{AGGGAAGGCCAGAAGGGAGAAGGAGAAGAAAAGGAAGGAGA}$ AGAAACCGGGAACGGAAAGGAAGGGGGGGGGCCGGAAGGAAGGAAAATT GGGGGAAAAGAGAAGGAAGGAGGGAACCGAGAGGGGACGGAGGGGAAAG G G GCCAGAGCCAGAACCCCAAAAGGGGGAGGAGAGAGGGGAGAGGAAAAG GGGAAAGAGAGGAAGGAGGAACCTTCCGGGGAAGGCCGGCCAAGAGAAAA GAGAGAAGGGGAAAGGGGCGGGGGGTTGGAAAAGGAACCAAGAGGGGGA AAGAGGAAGGGAGAAGAGGGAGAAAGGGAAACGAGGAACCAAACAGAGAA CCGGGGGGGGAACCAAAAGGAGAGGGGGGGGGCCGAGGGGAAAGAAGGA CAACAGGAAGGAAGAGAGAGAGAAAAGCCGGGGGGCCAAAAGGAAAAGGA ATTAAAAAAGGAAAAGGAAGGGGGGGGGGGGGGAAAAAACCGGGGAAAAA A G G G GAA G G G G G G AA G G G GAAGGCCGGTTAAGGGGAAAACCGGAAAAGG G G G G AA G GAAAAGGAAGGAAGGAAAAAACCAAAAGGGGAAGGGGAAGGCC AA G GAAAAGGCCAAAAGGGGAAAAGGAAGGGGGGCCAAGGCCGGGGAAG G G GAAAA G GAAAAAAGGAAAACCGGGGGGGGGGAAAAAAGGAAAACCGGG G G G G GAA G GCCAAAACCCCAAGGGGGGAAAACCGGGGGGAAGGAAGGGG AAGGAAAACCGGAATTAAGGGGAAGGCCGGAAGGGGAAAAAAGGAAGGAA AAAAGGGGCCGGAAAAAACCAAGGAACCCCAAGGCCGGAAAAGGAAAAGG GGAAAAAAGGGGAAAAGGGGAAAAAAGGAAGGGGAAGGGGGGAAGGAAA AGGGGAAAAAAGGAAAAAAAAAAGGCCAACCAAGGAAAAAAAAGGGGGGA AAAAAAAAAGGCCCCGGAAAAAAGGGGCCAAGGAAGGGGCCAAAAGGAAA

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AACCAAGGGGAGGGGGGAGGAAGAGAAAAAAAGGGGGGAAGGGACCAAG GGGGAAAAAAAGGAACAGGAACCGGAAGGAAGGAACCAAAAAAGAGAAAA AAAAACAAAGAGGAATTCAAGGAGGAAAAGAAGGAAGAGAAAATAGGGGG AAAGGGGAAAAAGAGGAAACAAACCAAGCAAACCCAAGGAGAAGAAGAGC CTTGGGGGACAGAAGAGACCCAAAGAGGGCACCGAAAGAGAGACCAAAAC AGGAGAAGAAGGACACGAAGGGGGAGAGAAGCCAAGGAACCAAGACCACA AGGAAAAGGGGGAAAAAGGGGGAAGAAGAGAAAGGAACCAAAAAAACGGG GGGAGGGGACCGGGGAACAGGGGAAAAAGAAAAGGAAAACCAACCAAGGG GGGAGGGCCGGAGAGGGCCGGAGGAGAGAAGGAAAGGAACCGGAATAAC GGCCAAAGGGGGAAGGACGGGGGAGAAGAACCGGGAAAGGCCAAAGAGG GAAAAAAAAGAGAGGCCCCAAAGGGAAAAGGGGGGAACCAAAAAATAAGG AGAAACCGGCCAAAAGGGAGAAAAAAAGAAGAAGGGACACCAGGGGGAGG GGGGGAAAAAAGAGGAGAGCAGGGGAAAAGGGGGGAAGGAGGGGACCAA AGAGGAGAAAAACCAGCAGGAAAGCCAGAGAAGGGGAAGGAGAGGGGAGA GGGGGGACGGGGAGAAAAGGAAAACCAAAAGGAAAAGGGGGGGGAAGGA AGGAAAAGAGGAAAAAAGGACAAAAAAGAAGGGGGCAACGGAAACAGAAG AGAGAGAAAAAACGACCGACGCAAAGGAAGAAAAAAGAGAGCCGGCCAAA AA GAAGAAAAAGGAAGGAAAACCAGGGTTGGGGAAAGCCAAGGGGGGAAA AGGAAAAAGGGGAAAGGCCGAAAGGAGAGAACCGGCCAGGGAAAAAAGGA AAAAAGAAGAAAAGGCCGGGGGGCCAAGGAAGGCCAAGGAAGCAAGGGGA GAGGAAAGAAAGGAAAACCGGAAGGGAACAGGGAACAGGGGAGAGAAGGC CAAGGAACGGACCACGAAACCGGAGGGCCGGGAAGAAGGGGCCAACCGGG GGGGAAAAAAGAGGGAAGGGGAAGGAAGGAAAGAAAGACCCGGGACAGGA ACCAAAAAAAAAAGGCCAGAAGAAAGGAAGGACAAAAACGGGAGGGACCG GAGGGGGGGAAGGAGACAGGGGAGAAGGAAAAGGGAAAGAAGGGGGGAA AAGGAGAACGAAGGCCGGAAGGAAAAGGGGAAAACCAAGGGGAAGAGGGA
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AA $\operatorname{A} A \mathrm{GA}$ GAAGGCCAAAAGGAAGGAGGGAGGGGAGGGGAAGAAGAACCGG GAGGGAACAAAAAATTAAGGAAAGCCGGAAGAAGACAGCCGGAGAGAGAA G G G GAGAACCAGGGAAAGAGAGGGAAGAAAAATTAAACGGAAAGAAGGGA G G AA G G GAGGGGAGAAAAAAGGAAAAGGCCAAAAGAAGGGGGGGGGGAA G G G G GCCAACAAACGGGGGACAGAAGGGGCAGGAAAAGGACGGCAGGAAA GAAAAGAAGAACAAAAAAGACAGGAAGACAGAGAGAAAAGAGGAAAAAAG GGGGGAGAACCGGAAAAGGAACAGGGGAAGGAGAAACAAGGAAAAGGGGA
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CGGAAGGGGCCGGAAAGGGGGCCGGGGGAAAGGTTGGAGAGGAGGAAGG GGAACCCGAAAAAGAAGAGGAGAAAAAGAAAAGGAGGAACAAGCAAGAGG GGAAAACCGGAACCACGGAAAGAAGGCCAGGGGAAGAGAAGGAAAAGGAG GGAAGGAAGAGGGGGGTTAGAGGACCGGAGGAGGGGAGAGGAAGAGGAG A G G GAGGGGAGCCGGGAGGAAAGGAGGGGAAGAAAAGAAAACCAAGGAG G G G GAGCCAGAGGGAAAACCGGAAGGGGAAGGGGAGGAAAGGAGAAAAG GAACAAAGGACGGCCAACCGGAGGAAAGGAGGGAGAAGAAGGGGGGAACG GAAGGAAAAAAAAGGAAGGGAGAAGGAAAAGAGAAGACCAAAAAGGGGGG GGGGAGAGGGGGAGGGGAAAAGGAGGGAAAGCAGGACGAGAAGAGGGCA AACCAGGGAAAGGGGGGGAGAAGGGAAAAAAAAAGGGGAAAAACAAGGAG A GCAGAACGGGGGGGGCCGGGGCCAAGGGAGGGGAAAAGGGGGGGGAAG GGGACCAGGAGGGAAGGGGAAGGGGAGAAGGGGGGGGGGAAAAAAAAAA AA $\operatorname{AGGGAGGGAGAAGGGGAGAACCAGGGGAGAACAAGAGGAAGGGGAAA}$ AGGGGGGAAAAGGGGAAAAGGAAAAGGGGAAAAGGGGGGAAAAAAAAGG GGAAAAGGACCCGGCCAAAGGGGGCAGGAAAGGAGCGGCAAAGGAAGGG GCCGGCAGAAGGGGGAGGGCCGGAAGGAAAAGGGGGGAGGGAACAAAAA GGAATTCCGGGAGGAGAAAAAAAAGGAAAAAATTAAAAGGGGGGGGGGCC TTACGGGAAGGGAAAGAGGAGAAACCGAGAGAAAGGAGGAGAGAAAAAGA G GACAGGGGAACAGGAAGAGGGCCAAGGGGGGAGAGAAGGAAAGCAAAAA GGGAGGGAAGAGGGAAAAAACCCCGACCCCAGAGAGGGAGCAAGAAGCGG G G G G G G A A CAA G GAGGAAAAAAGAAAGGAGGGGGAAAAAAAAGGCCGGAA G G G G GAGGAAAAGGAACCCCAGAAGGAAAGGGAGCACCAAAGGGACCACC G GACAAAAAACAAACACCGAGGGGGGAAGGGAAGAAGGGGCCGGAAGGGA AGTTGAAAGGGAGGAGCCGGGGAGGAGGGGGAGGAGGAAGAGGAGGAAA G GAAAAAAGAAGGGGGGAACCAAGGGGAAAGGAAGCCAAAAGAGAGAAAA AAGGGAGACAGAAAGGAACGGCCAAAAAGGAACCCGGGACACCGATAAGG ACAGAACGGGAAGAGGGAGGAAGGGGGGGAAGGAAAAAGAAAAACAAGAA GAGAGAGGGAAGACAGAGGGCAAAAAGAAAGGAGAGAAAGGGGAAAAAAA AAACCAACCAAGGAAGGGGCAGGGGGAAAGGGGAAAAAAAAAAGGGGGGA AGGAGGACCAAAAGGAAGGAAAAGGAGGAAACCGAGGAAACGAAACCGGC CGGAAGAAAAAGGGGGGGAAAAGAAGAGAGAAGACAAGGGAGGGAAGAGC CGGGAAAAGGAAGAAGGAAGGAAAGAAGAGGGGAGAAGAAGGGGAGGGA G G G A G G G G G G GAAAAACCAGAGGGAAAGCAAGAAGGACAAGGAGAAGGG GAACCAAGGAGAAGGAAAGGAGAGGGGCCGGAAGAAAGGGGAAGGGAGG AA G G CCAAACACAAAAGGGGGGGAAAGAGGGAAGAGCACAGGAAAGGGGG AA $\operatorname{l}$ GGGGGAAGAAGAAGGCCGGGGGAAGGGGAGGGGAAGGAAGAGAAGG G G G G G A G G G A G A T GAA GCCACAGAAGGGGGGACGAGAAAGAGGAAAAGG GAAAAAAGGAAGAAGGGGAGGGAAAGAGAAAAAGGGGGGGAAAAGGAGAA AGGCGGAGAAAACCAAGGCCAGAACAAGAAGGGACAAAGGAGAAGAAGAG AAAGAGCCGAGAGGGGAGAAAGGGCAAGACAGCCGCGGAGAGGGAGAGG GGGGAGAGGAGAAGGGAAGAACCAAGGAGCGAAGGGAACGGAAGAAGAAA GGATTCAAAAAAAGGGGAGGGGGGGGAAGAAGGAAACGAGGAGGAGGAA AAGGAGCAAATTAAGGGGGGAACCAAACTAGGGAAAAGAGACGAAACCGA GGACACGGAGAAAGGAAGGGAAGGAGACAGGGAGGGGAGAGAAAACAGAC AA G G G G G G G GAAAGGGGGGGAGGAAAAAAAAGACAAGGCAAAGGGGAAA GAAGGGGGGTACCCCAAAGGGAAGGGGACCCCCACGAAGAGCAGGGAGGC CAACAAAAGAGATGGAGGAAGGGAAAAACAGCCGGAACCGGAAGGAGGAG GGGGGAAAAAAAGAGGGGGGGAGCCCCGGGAAAAGAGGGGGAACCAAAG G G G GAAAACCGAGAGGAGCCAGAGAAAACCGGCCAACCAGGGGAGCGAAG CCAGAGAGAGAGGGGGAAGAAGGAAAGGGGCAGGGGAACCAAAAAAAGAG GGAGCCGAAAGGGAAAGGGAGAGGTTCCGGGGACCCGGGAGGAGAAAAG GGGAGACAAAAAAAAGAAAGGGGAAAGGGGGGAGAAGGGGGAGGGGGAA AAGGAAGAAAGGAGGAGGAAAAAACGACGGAAAGGGGGGGAGGAGGGGA G G G AAA G GAGAAAGGAGAAAAAAGGGGAACAAAGGAGGGCCACGAGGGGA AAAAAGAAAAAGGAGGGGAAACAGGAAAAAAAAGGCAGAAAGGGAGGGGA GGGAAAAGGGGAGCAGGAGACGGAAGGGAAGCAAGAACCGAGGGGCAACA GGAAGAGAGGGAGGAGGGGAAAAGGCCAAGGGGGGAAAAAGAGAAGAGG G G G G G G G G G AACGGAAAAGAGAGGTTGGAAAAGGAGGGCCCCAGCCAAAA AGAAAAAAAGAAGGGAGGAAGGAAGGGGAACAGACAAGAAGAAAACGAGA GGACAAAAAAGAGGCCCCACGGGGAGGGCGAGGAAACCAGGGGGAAACAA GACCGAGGAAAAAAGAGGGAACAAAAGGGGGACGAGGAGGAAAAACGAGG

ACGAGGGGAGAAGAAACAAGGGGGAGGAAGAAAAAAGGCCGAGAAGGAAA AAAAGGGACCGGGAGGAAGGGAGGAAAAGGACCCAGGAAAGGGAAAGGAA CACAAAACGGGGCCGGAAAAAGGGGGGAAAAGGAGGAGGGAACCGAGGG GGAGAAAAGAGGAAGCCAGGGAAAAACGGGGCCAAGGCCGGGCAAAGAGA G G G AAAAAAGGAGGAAAGAGGGGAAAACCGGGGAAAGAGAGAAGGAAAAA A G G G G A ACCGAGGGGAGAAGGAGAGAGAAAGGGGGAAGAAAGGAAAAGA G GAGGAGAAAGGAGGAAAAGAGAGAGGAAAGGGGAAGGAAGGAAGGAAA A G G G G G G A A G A G ATAAGACGGAAAAAAAAAGAAGAGGGGGAGAAGGGACG G G G AA $\operatorname{GAACGGGGAAAAGGCCAAAAGGAAGGAAGGAAAGGGGAAGGGAA}$ GAGAGAAGAGAGGGGGAAGGAACCGGAGCAGAGGAATAGGGGGGAAAGA A G G G G G G ACAAAAAGGGAGCCAAAACCAGAAGGAAGGAAAAAGGGACGAA AAAAGGAGGGGAACACCAGGAGGGAGGGGGGAGAGCAGAAGACAAAGGG GGGGAAGAAAGGGAAAGGGGGGGAAAAAGGAGCCGGACAAAAAGAAAAAA GGAAAACCAACGGAGGGGCCAACAAGAAAGGGAGTTGGAGCCAACACCGG AAAAAAAGGGAAAGAGAGAGGAGAACAGAGGAGGGGGACCGAAGGAGGCA GAGGAGAAGGAGAAGGGGGGGGGGAATTAGAAGAGAAAAATAGGGGGGG GAAGGGAA GCCGGGGAGAGGGGGGAGGGGAAAAAAAAAGCAGGTTCCAA GGGGACAAGGACAGGGGAGGGGGAAGAGAAAAGAGAGAGGAAGACAGGA AGGGCAAAGGAAAGGAGGGTTGAAACAAAGGAAGGGGGGGGGGGAGGGG GGGAGAAAAACCGGGGCCGGGGAAAACCAGAAGAGAAAGGAAAACGAAAC GGCCAGCACAGGAGAGGAGAAAAAAAGGGGGAGGAGAGGAAAAAAGGGAG G G G GA G G GAA G G G GAAGGAAAAATCAAGAGGGAACCCCGGGGGGAAAAAA
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ACCGGGAAAGGGGCCGGGGAAGGAGAAAAAAAAGGAAAGAGACCCGGGAA GAAAGAACCAAAAGAGGCCCCAAAAAAGGAAAAAAAAAAAAAAGAAAAAAA AAAAGGGGGGGGAAAAGGGGTACCGGAAGGAATAGACGAAAACCAAGGAG GAGGGAGGAAAAAAGGAAGGAAAGAGAAGGAACCGGAAAAGCAAGGAGGC AA $\operatorname{A} A \mathrm{~A}$ GGGGAGAGGCAAGAGGAAGGAGGAGGAAGAGGCGAGGGAGAAAG A G GAA $\operatorname{A}$ GAACCGGGGGGGGAAGAGAAGGAGGAAAAGGGAAGGGCAGGGG AAAAGGGGAACAAGAGAGAACCGAACAGAGACAGAACCAACCAGGGAAAA G G G G G G AC GAA G G G GAGAGGAGAGACACGACAGGGAGAACGGGAAAGAA G G G G G G GCCAAGGGAAGAAGGCAGAAGAAAAAGGGACACAAGAGGGGAG GGGACCAACAGAGAAAGAAAGGAAGACAAAAAAGCCAGAGAGAGAAGGAA CACAAAAGAGGGGAACGGCCGAGGAAGGAGGGGGGAGCACGCAGGACCG GGGGGAGAAGGAGCCAACAGGCCAAGGAAGAAAGGGGGAAGGGAAGGAA GAAGCAAACACCGAAAACTAGGGGAAAAAACAAGAAAAGGGGGGAAAGAA CCCAGGGGGGCCAAAAGCAAGGCCAGAGGGAAAAGGAACCAAGGACGAGG AA $\operatorname{A}$ GGGAGGAACGGAAGGGAGGAAGGGGGGGGGGACAGGGGGCCAAGAG G G G G G G GAAAAAAAGAAAAATAAGGGGAAGGCAGATTAAAAAAGACCAAA AAAAAGAAACCAACCTAAAGGGGGGAAAGAAGAGGAACCGGGGGGCATTG GAAAAAGACCCCCAAAGGAAGTAAAAAGGGATTAAACAACCAAAAAAAAAG GGAAGGGGGACAAGGGAGCAAGAGCAGAAGGGGGGAAGGGACGGAAGGG GAGGGAAAAGGCCAGAAAAAGAGAAGGGGGGCCGGAACCGGGAGAAACCG AAGGGAAGAAGAAAAAAAAAAAAAAAAAAAAGGAAGAAACACCCAGGGGA AAAAAAAAAGAAACAAACCAAAGCCGGGAAGGATTAAGAGGAATAAAGGA GAAGAAGGAGAAGCCCCGGGGGGAGGGACGAAAGGGGGGACAGAAGGAA AAAACCGGGGAGCCCCAAGGAACCGGAGGGAACCGGAGGGAAAGAGAGGA AAA $A$ A G G GAGGGGGAAGGGGGAAAAAAACCAAACAGGGAAAAGGAATTGG GACAAAAGGGCCAGAGAGCCACAGAGAGGGAAAAAAAGAACAGGAAGGAA AGCAAGGAAAAGACGGAAAAGGAAAGGAGAAGAAGAGGGGGAAGGGCCAG AAAGGAGAGGAGGAAGAAAAAGACAAGGAAAGAAGGGGAAAAAAAGGAAG AGGAACGAAAAGGAGGAAGGGAGGAGGAGACAAAAAAGAGAACACCCCGG AGCCAGAGGGAGGAAACCAGGGGAGGGGGAGGCCGGGGAACCAACCAGG GAAAGGAGGAAGGCCGAGGAAGGGACCAAGGATAAAGGGAAGAGAAAAGC CGGGGGGAAGAGAGAGGAACCAGGGACGGGGGGGAGGGAAAAGGAACAG GGAAAAAAGGAAAAAAAAAAAAGGAAGGGGAAAAAAGGAAACGGTACCAG GGCCGGAGCCGAAAGGGGACAAGGCCAGGAGGGACCAAGGCAACGGAAGG AAGGGGAAGGATCCGAGGGGAAAAAAGAGGTAGGAACAAAGACCAAGGAA GGCAAACCGGAGGGAAGAGGGGAACCAACCGGGGGAGGGGGGGAGAAAC C C CAA $\operatorname{A}$ GAAAGGAAGAAGGAGGGAAAAGGCAAGGGGGAGGGCCAGGAAGA GGGAGCCGGGGAGAAAGCCAAAAGGAAAACCGAGGCCAAGGGGGGGGCCA AAAAACCCCGGAACCAAGGGAAGGGCGAAAAAAGGAAAAGGGGGGCCGGA AAAGGAAGGAAAAAAGCAAGAGGAGAGAAGGAAAAAAGGGAAAAAGGGGA AAAGGAAGGGGGGAAAAAAAAAAAAAAGGAAAAAAAAAAAAAAAACCGGG GGGGGAAAAAAAAGGAAGGAAGGGGGGGGAAGGCCGGAAAAAAGGAAGG CCCCGGAAAAGGGGAACCGGAAAACCAAGGAAAAAAGGAAGGGGAAAAGG GGGGAAAAAAGGAAAACCAAGGGGCCGGGGGGCCCCGGAAAAAAAAAAAA AAAAGGCCAAGGAAGGGGAAAAAAAAGGAAGGCCAAGGGGGGAAAAAAGG GGGGGGAAAAAAGGAAAAAAGGAAAAGGCAGGAAAAAGGAGGAGACGAAG GGACGAGGAAAAGGAACACCACATCCACCCAAGAGAAAAGCAGAGGAAGG GGACAAGGAGCAGGGAAAGGAGAAGCGGAGAAAGGAGGACAAGGAAGGAA AAGGCCGGAGCCAAAAAAAAGGAAAAAAGGGAAATTGAGGAGGGAAGGGA GGAGAAAGGAAAAGAAAAAAGGAAAAAAAAGGCACCAGGGAAAAGGAAAA A G G G A G G A G A G A GAAAA G GAAAGGGGAAACGGGGAGGAGGGGAAGGGGG AAGACAGAACCAACCAAAGAGAGAAGGAAAAGACAGGGGAAAGCCAAAGA GACAAAAGAGGGAAGGGAAAGCCGGAAAGAGAGAACCGGGGAGAAGGAAC CAAAAGGCCAAAGAGAGGGGGAGAGGGCCAATTGGAAAAGGAAGGAAAAG GAAAAAACCGGAAGGAAAAAAGGAAGGCCGGGGGGAAGGCCGGAAAAAAG GCCAAGGAGAAAAGGAAAAAAGGAAAAGACAAACCGGGGAAAAAAGGAAA AGGAAGGGGGAAGAAGAAGAAACAAGGGGAGCAGGGGAAAAGAGGCAGAC GAAAGAGAGAGGAAGAGCCGAACAAGGAAAAAAAAAAGGGGAAAAAAAAA G G G G G G GAGAGGGGGGGGGAGGGGGGGGGAAAAAAAAGGAACCAAGGGG GAGCAGAGAGGCGGAAAAAAGGAAGGAAAGACAAGGGAGAATGAAACCAC GGGGGGGGAAGGAACCGGGGCACCCAAGTTAGGAGAGAGGAAAAGGGGG

GAAGGAACCAAGGGGAAGGGGGGGGAAGGTTCACGGGGGAGAAAAAGGG ACAGAGGGGAGGAGGGGGAGCCAAAAGAGGCGGGGGAAGGAGGGAAGGA AAAGAAAGAAAAAAAGGGGGGGGGGGGGGGGAAGGGGAATTCCGGGGAA GGAAGGAAAAAAAAGGGGGGGGAAAAACAGAACCAGCCAAAAGGAAAAGG AAGGCCCCGGGGGAACCCAACATTCCGACCGGGGAAGAGAAAAAGGGGGA AGAGAGAAAAGGGGGGGGCCAAAAAAGGGAAACCGAAAGGGGAAAACAAA AA G GAAGAAAAAAGGGGGGGAAAAAAACAGACAAATGAAAGACAGCAAGA GGCGGGGAAGAAAACAAACCGACCGAAGCCGAAAGAAAGGAAAACCAAAA GGGGAAAAAAAACAGAAAAAAAAAGGGGAAAAGAAGAAAGGAAAGGAAGA GGAGACCCAGAAAAGGGGGCAAGGGGAAGGAGGGAAGGAGGGCCGGGAA AAAGGGGAGAGAAAGGAGGAGCCCAAAGGGGAAACAAAGGGAAGGGGCCG GGGAAGGGAAAACGGAGAGAAAAAGAGGAGAAGGGAAAAGGCCGGGGGA AAGACCGGAAGAAGAGAAAAGGGGAGGAATCCGAAGAAGGAATTGAGAGG AACCCCGGAAGAAGAAGAAGAGAGCAGGGGAAGGAAAAGGGAGGAGCCAA GGGGCCAAGACAGAAAGGGGGAAGCCAGAAAGCCAGGCGGGACAGGCAAA AACCCAAGAAAAAAGAGGGACCGACCAGCCCACCACACGGCAGGACGAGG GGGGAGAAAAACCCAAAAGGGGGGCCAAAAAAAGAGAAGGAGGCAAGGGG ATAGGGGGCAAAAGGGGGAGAAGGCCGGAAAAGGAGAAGGAAAGGGAGG GCCAGCCGGAAGGGAAGGAAGGGGGAATTAGAAAAGGAAGGGGGGCCAG GGGAAGGCAAAGAGGGAGGGAGCCCCAAGGAAGGAAGGCCGGCCGGGGA CGGAACAAGGAAAAAGGGAGAAAGAAAAAGAGGGGACAGAGGGAGGGGG GGAAAAGGGGGGAACCGGGGCCAAAAAGCCGGAAAAGGAACAGGAAAAGA GGCCGGAGAGGAAAGGAGAGAGGAGGAGGGACGGAAGGACACAGCCCCA GGGAAACGGGGAAGGAAAACCGAGAGAGGGGCAGGACAGAAGGGAGGGG GAAAAAAAAAACGGGGCCAGAAGGGGAAGGACGGGGAAAACCAAGGCCCC AACAAAGGAAAAAGCCAGGGGGAAAAACGGGAAGGGGGGGAGCCGGAAAA AAAGGAAGAGCCGGGAGAGGAAAAAGAGAAGGGAAGAACCGAAGAGGAAA AAAGAGGGGGGGAACCGGAGGAAAAAAAGGGGAGAAGGGAACGGAGCCG AGGAAGGGGGAGGAGGGAAAAAGGGAGGGAGAGAGAGGGCCGGAAAGGG GGGGGGAGAGGGGGGAAGGGGGAAGGAAGAAAAGAGGGCAACAAGAGAG GGAGAAACCTAGGAAAGCCAGAGAAGGAACCGGAAGGAGGGAGAAGGGAG GGGGGAGGAGGGGAAGGGGAAGGGGGGGGAAGGAAGAGAGGGGAAGAAG GAAAGAGACCAACCAAAAACGGGGAAGGAAGGGGAAGGAAGAAAGGAAAA GGTTGAGGAGAGGAAAAGGGACACAGAGAGAAGGGGGGAGCAGGGGGGG GAGAGAGGGGGAGAAGGAAAAAAGGGAAAGGAGAAACAGACAAGAGGGG GGAAGACCAAAAGAGGCCGGAAGAGGAAAAGGCAAGCAAAAGGGGGAGTT GGGGGGAAGGAATTAACCGGGGAAACAAAAGGGAAGAAGAAACAGGGGGG GGGGGGGAAGCCCCGGAAAAAAAACCGGAAGGAACCGGAAAACCCCGGAA AAAAGGAATTAAAACCAAAAAAGGAAAAAAAAGGAAGGGGAAGGGGCCGG AA GGGGAAAAGGGGAAGGCCCCAAAACCGGAAGGAAAAAAGGGGAAAACC AA G G G GGGGGGGAAGGGGAAAAGGGGAAAAAAAAAAACAAAAGGGGAAG GAAAAGGAAGAGAGAAAGGAGAACAAGAGGGAAAAAAGAGAGGAGAGATA AGGAGAGGGGAGGAAGGAAGGAGGAGGCAAAGGGGCACAGGAAAACGAC AGAGCCAAGGAGCCCCGGAAGAAACAAAAGCAAAGAAAAAAGAAGGAGAA AAGGGGGGGGGGAAGGGACCGGAAGAAAAAGGGGGGGGAAGGGGAAGAA GAAAAGGCAGGGAAATAATAAGGCCCCAAAAAGCCGGGGCAGGCCAGGGG AACAAAAGAGGGGGGACGGAACCGACCGGGGGGAAAAGGAAAACACAAGG GCAACGACCGAGGAAGGGAGGCCAAAAGGAGGGGATAAAGGGGAAGGGG AAAAGGGGGGAACAAGGGACGGGGAAAAAAGGAGGAGGGGGGAAAAAAA GAGGGAGGGGAAGAGAGGAAACCCCGAGGGGAAAAACAGACCAAGAAGAG AAAGAAAAAAAGGAAAGGGAGAAGGAAAGCGAAGACCCGAAGGAGAAGGA AGGGGGGGAAGGACCAAGGGGAAGGAGGGGGAGGGAGAAGGACAGAGGG GGAAGGAAGGAACACAGATACAGGCAGAGAGAGACAATAGGGAAAAGGGG GAGGACAAAAGAAAAGCCGGCCAGAGCCAAACCAAAGAAAGAGGAAAGGG AA G G G GAA G GAAGGAATTGGCCAACAAAGGACAAGAAAAGGGATGGACAG GAAAGAAAAAGGAATTCCGAGAAAGGAAGGAAGGGGCCAAGGCCCCAAAC GGGGAGAAAAGGGACAAAAGAAGGAGAAAAAACCAGCCAGAAGAGAAAGG AAAAGATTAAAGAGCAGGCCGAAAAAGGCCAAAGAAAGGGGAGCCCGGTT AAGGAAAAAGACGGGGGGGGGGGAGGGGACAACAGAGGAAAAGAAAAGAA GGAAAAAAAAGAGAAAAAAGGGCCGGAAGGCAAACCAGAAGGAGGGAGAG GGCCAAAAAAAAGGCCAAGGGAAGAAGAAACCGGAAAAAAAAAGAGAGGG

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 A GAA $\operatorname{A} G \mathrm{G} G \mathrm{G}$ GAAAAAGGAGGGAGGAGAAGAAGAAGGGGAAGAGGGAGAG GAGCCGGGGGGAGGAGGAGAAGAAAGGAAGAGGAAGGAAAAGAAAAACCA AGAAGACGAGGGGGAGAAGAAAAGACAAGGGCAGGCAGGAAAACAAAGGA AAAGGGGGGAAAAGGAACCGGGGAAAAAAGGGGGGAAGGAAAAAGGGGG GGGAAAGGAAAAAAAGAAGAAAAGAACAAGGGCCGGAAGGAAAAAAGGAG G GAAGGAAGGAAAGGAAGAAGGGGAAGGGAAAAAGAGGAAAGGACAGGAA G G G GAAGGGACAGGCAGAAAAGACAACAAGAAAAGAAGGGCCAAGAAGGA AAGAACAGGAGGCCAGAGAGAAAACCAAAGAAAAGGAAAGAAAGGAAGGA GGAAAAGAGGGAAAGGGGGGGGGAGGAGAGAAGGAACCGGCCCAAAAAG AGGGAAGAAGGAAGGGGCACCAAGGGAGGAGGGGGCAGAGGGAGAAAAA

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 G G G GTAA G G GCAGGGAAAAAAAGGGGAGGGGGGGAGAGAAGGGGGGGAA G G G G G GAA G G G GAGGGGCACAGAAAGGCCACGAAAGGAACCAGAAAAAGC CAGAGGAAAAGAAGGGACCAAAAAAGAAACCGGACGAGAAAGGAAAAAAA GAACCAAGGGACCAAGGAAGAGGGGAGGAGAAAAGAAGGAGGGGGGGCC AA GACCGACACAACGAAGGGAGAGGAGGAACCGGGGGGGGCAAAAAGGAA GGAAGGAAGAGGAAGGGAGAAAGAGGGGCCGGGGCCGGGGAGGGGGAGA AAACCGGAGGGGGAGAAGAAAAAGAGGAAAAGAAAAGAAAACAAAAAAAA CACGAGAAAAGGACAAGAAGGAAAACAAAGGCAGGGAAGAAAAGGAAGAG AAAAAGGCCGGGGAGATAGAAGAGGGGAAAAAAAAGGGGGAGGGGGGAA AAGGACAGAGGAAGAACACAAGGGAGGGAAAAAAGGAACCAAAGGGGACC CCAAGGAAAAAAAACAAGGGGGAAAAAAGGGGGGGGGGAGAGAGAGAGG GGAGGAAAAGGAGAAAGAGAGAAGGGGGATTAAGGAGAAAAAAAAGCAAA GAAAAGAAAGGCCAGAAAAGAGGGACCGGAAAGGGGAAAAAAAAAAAGGC CAAAAACGAGGCCAAAAAAGGGAAGAGAGGAAAGAGAGGAGAGGAAAGGG GAGACAAAAGGAAAAAAGAGGAAAAGGGGAGGAGGAAGGGAGGCAGAGAA TA $\operatorname{G}$ GAGGAAGAGGAAAAGGAAAAAAGGGGGACCGAGAGAACGGGGGAAG G GAAAAAAAACCAGCCAGAAGGAAGGGGAAAAGGGGGGGGGGGGCCGGG GGGAGGAAGAGAACCAGAGAGGGAAGAGGGGAAGGAAGAGGAGCCAGAA AAAAGGCCGGAAGGGGAAAAGAGGGGGGAGAGGGGGAAAAAACCGGAAAA GGACGGGGCAAAGGAGCAAAGGGGAAGGGACCGAGGGGGGAGAAGAGGG AAACCAAGGGAAGAAAAGGAAAAAAAAAAAAAAAAGACCCGGGGGAACAG GACCCAGAGAAAGAGACAGGAAGGGAAAGGGGGAAGAGGACGGCACCAGA GAACAAAAAGGGGGGGGAGACGGAGGGAGCCCCAGAAAGGAGAGGAAGG CGAAAAGACAAGAGAAAAAGCAGACCAGAAAGGGGAAAGGGGAGAGCCAG CCGGAGGGAGAGAAAGGGGGAAGGAAGGGGAAGGACGGCCGACAAGAAG AGGAACCAAGGACAAGGGGGAAGGAGGGGGGGAGCAAAACCGGGGGGAG CCCAAACCAGCAACCAGGAAAGGAAAGGGGGGACAAGGGAACAGGAAAGG CCGGCCACCCGGAAGGAGGGGAAAGAAACAGAAAAAGAAAAAAAGGCCAA AACCAAGGAAAGGGAAGGGGAAAAGGAAACGAAAGGGAAGGAAAGGAAGG AA $\operatorname{A} G \mathrm{G} G \mathrm{G}$ GAAGAGAGGGGAAGGAAGGAAAAGGGGAAAAGGCAGAGGAAA AA $\ln$ AGGGGGAAGACAAAAGAGAAAAGGAAGGAGGGCCTTAAGGAGACCCA GAGGAAACAAGAAAAAAGGGGGGAAGGAAGGAGAAGGGGGAAAAGAGGG ACACAAAAAAGGGGCCGGGACCGGAACCAAGGAAAGAGAAAGGAGGGGGG G G G GAGGGGAAAGGCAGGGGCAAACAAAGAAAAAGGGGAACCAAAAAACC G G G AAAAAGGAGAGGGGGGAACGAAGAAGAAAAAGGGGAGAGAGAACCG GAACCAAGGAAAAGAGGGGGGAAAGAAATGGGGGGGGGAAAGGAAGGAC G G G G G G G GAGGAGGGAAGACAGAGCCCAGGTTAGGAGGAGGGGGCCGAA GAGGAAAAAGGAGACAAAACAAGGGCCAGAAACCAAAGGAGGGAAGAGGA AAAAGAGGGAAAAAAAAGGAGAGGGGGGGAAGGGGTAAAAAGGAAGACCC GAGAGAAGGGGGGAAAAGGGGGAGAAGAGAAGGCCGGGGGCAGGGAATA AAAAGGGAGGAGGGAGGAAAGAGGGGCAGGAGAAGGGGGGAAACGGAAG AGGGAAAGGAGAGAGGAGGAGGAAGCCCAGAGGAAAAGGAAAGGGAAGG GAAGGGGAAAAAAGGAAGAGAAAACCGGATGGACCCAGGGGAAGGAAAGA

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 GAGGCAGGTTGGAACCGGGGAAAAGGGGGGGAGGAAAAAGAAGGAAAAG GAGCCAAGGGGGAAAAAGGGGGGAAAAGACAAAAGGAGGGGAAGGGGAA AAAGGGAAGAGAGGAGACAAGGACAAAAAGGGGAAAGGGGCCGGGGGGA CAAGGAAGGCAAGAAAGCAAACAGAAAAAAACCGAGGAGGGGGGGAAGGG GAGGGGAGGACAACCGGAGAAGGGGGGAAGGGGAACCCGGGAAGAAGGA AAGACCGGAGAAAGGGCCAGACAAAGAAGACCGGAACCAAGGAAGAACCA CCGGAAAAGGGAAAGCACACGAAGAAAACAAAGGGGGGAAGGGAACGGGA GGCCAAAAAGGGAAGGAAAAGGAGGGGAAGAAGGAGAAAAGAGGGAGGG GAAAAGGAAGGAGAAGGAAGGAAAAGGGGCCGGGGGGGGGGAAGGGGAA CCGGGGGGAAGGCCAAGGCAAGAAGAAGGGGGCCGGGGGGAAGGGGGGA ACCGAACGGAAAAGGAGAAGGGGAAAGAAACGGGGGGGGGAAGGGAAAG AA G GAAAAAGGGAAAAAAGGAACCCCGGGGGGGGGGAGCAGGAGGGGAG GAAAGCACCGGAACCAGGGCCGGCCAAAAAAAACCGGGGGGAAAAGGCCG AAGAGGGGAAAAAAGAAACAGAGAGCAGACCAGGAGGCCAGAAAAGAAGA AAAAACAAAGGAGGGGAGGCAGGAAGGGGGAGGGAGGGGAAAGGAAGAA AGGGACAAGACCAGGGGGGAGAAACCAAAGGGAGGGGAGGAGAAGAGGA A AC C G G G GAGGGGGGAGGGAGCCGGGGGGAAGGAAAAAAAAAA A G G G GAG A G G GAA G GAGCCGGGGAAAGGCCCAGACGGGGGGGGACGGAAAAAGAGA G G GAA $\operatorname{l}$ G GAGGGGGGGGGGGGAAAAAACCAGCCGAGGGGGGGGCCAAAA GATAGAAGGGGGGAAGAGGGAGAAAAGGGGGGGGGGAAAAAGGAAAAAG GGGGAGGAAAAAAAGGGGGGGAAGGAAAGGAAGGGGGACAAAAAGGGGA CCGGAAGGGCCAGAGGGGACGGACGGGGAAAAAAAGACAGAAAAGGAACC AGGGGGAACAGAAAGACAAAAAGAGGAACAGAGAAGGAGAAGAGAAAAAC GAAAGGAGAAAAAAGAACGAAAGAGAGGGGGAGGAAAAGGAAAAGGGGAG GAAAGAAACCAGGGGAAACCAGGGGGCCAAGGAAAAGGAAAAAAAGGACG AAGGACAGCAGGAAAAAAGGGGAAAGATGGAAGGAAGAAGGGGGGGAACA A G G G G G G G G G G GAGAAGGGGGACAACGAGGAGAAAGAGGGGGGGAGAAG AGGGAAAAACCAGGAGAGGAGGGAGAGGGCAAAGGAAAGGGAACCCCGGA AGGAGAAAAAAGGGAGGCCGAGGACCCCCCCAAGGAAGGAAAGCCCCAGA AGAGAGAAAGGAGAAAGAAGGGGGGAACCAGCCACAAAGGGGAGAGAGGG AAA $\operatorname{l}$ GAGGGGGAGGAGAGGGAATGGACAAGAAGCAGGAACCAAGGGGCCA GAAGGCCCCGGAAAAAGAACCAAAAGGAAGGGGAGGAAAACCCAGTTTTG GAAGAGGAGGGAGGCGGGAGGGGAAAAACAGCAAACCGGAAGAAAAAGGA AAAGGGAAAAACCGGAACCAAAAAAAAGAGGGGAAGGGGGGCAGGAGGGA AAAAGGGAAACGAAAAAAAAAGGAAAACGCAGAAAGGGGAAGGGGGGGGA ACCGGGAGAGGAGAGGAGACCAAAGGGCCCATAGGGGAGGAAAAAGGAAA
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G G GCCAGAAGGGGAAGAAGTTAAGCGGGGCCAAAGCCGGGGAAAAAAAAA AA $\operatorname{H} A A \operatorname{A} G \mathrm{G} G \mathrm{G}$ GAAAAAGGGGGGGACAGCCGAAGGAGGGGAACAGAGGCA AAAAGGAGGCAAGAAGAGAGAAGAAAAGAGAAGGAGAGACGGGAGAAGGA AA $\operatorname{A}$ GAGGGAAGGAAGGAAGGAGGGAGAGAAAAGAGGAAGGGGGGAGAGA AGGAAAACCCCAAGACCGGAAGGCCCCGGAAGAAACCAAGGAAGAGAGGG GAGCCAAAAGGGGAAGAGGACAAGACAGACCAGCACCAGACGGAGGGCAA AAAGGGGAAGGCCAGAAGAGGAAAGGAAAGGACCAGGAGGGAGAAGGAAG GGGAAGGAAAGAAAGGGGGGAGGAAAAGGGGAAGGGAGAGGAAAAAAAG G GACGGGGGGAAAAGGGGAGCAGGAGGGAACCGAGAAGAGGAAAAACGG AGAAAAGTTGGGGGAGGGGAAAGAACCAAAAACGGCCCACAAAGGGGGGG GAAAAGGAAAAAAAAAAAAGGAAAAGAGGGAGGAGACAGGAAAGGAAGGG GGAAAGAGGGGAAGGAAGGGGGGAGAGAAAAAGCACAAGAAGAAAGGGG AAAAGGAAGGAGCAGGGGGAAAAAAAGAAGAGAAGAAGCAAGGGGGGGAA GGAAAACAGAAACCAAGGAGAAAAAAGCGGAAGGGGAAAAGGGAGGGGCC AAGGAGAGAGAAGAAACAGGAAGAGGAAAAAAGGCCGGGAGAGAGAAGCG CCAGAGGGAAAGGGAGGAGGGGCAACGAGGAAGGCCGACCGGCCGGAGG GAAGGGACCAAGGGGGGGGTTGAGGAAAGCAGAAAACGAAGGGAGAGGA GAAAAACAGAAGGGGAGGGAAGGAGAAACCAAAAGGCCGGAAGGGGAGAG AA G GAAAGAACAAAAAGAGCGGGGGGACCCAGGGAGGGCCGGGGGAAGG AAGGGAAAGGAAAAAAAGGACAGGACCAGGGGGAAAAGGGGCCAAAGAAA G G GAGGGTTGAGAGAAGCCGAAGGGGGGGGGGGCCAGCCGGGAGAAGAA CCAAAAAAGGAGGGGAAAGGGGGGGGAAGCGGAAGAGGGGAGGGAAGGA GAAAAGAAAAGAAGCAAAGCACACAAGAGGGGAAAGAAGGGAAAAGGGGC CGGAATTAAAAAAAAGAAGAACCAGCAGAGACAAAAAGGAAGGCAGAGGG AAAGGACAAAGAAGAGGACGCGGGAAACCGGGGCCAAAAGGAACCCCAAA ACCGGCCCCGGGGGGGGAAGGCCAAGGAAGGGGCCAAGGAAGGAGAGAG GAAAGGCCGAAGGGAAAAGACCGGGGAAGGGAGAAGCCGGAGGGCCAAG GCCGGGAAAGGAGAAGAGGCCAGGAGACCAAAGGGGGGGGGAAGGCAAG GAACCCAAAAGGGAGAAAGGGGAGAAGGGGAAGGGGAAGACAGAGGAGG GGAGGCCAAAAAAGGAGAATAGGGGAAGGAAAAGGAAAAGACCGAAAGAG CGGGAAAAAGGAAAAGGGGCCGGAAAAGGGGGGAAGAGGGGGATTAGGA G GAGAGAGCACAGGGGAAGGAAAGAGGAACAGGGGGGGGGCAAACCCAG G GAAA G GAGCAAAGGGGGGAAGGGAAAGAGGGAGAAAGGAGGGGAGGTT AA $\operatorname{l}$ GACGGAAGGGGGGGAGAAAAGCAGGGGACGAAAAAGGAAAGGGGAG AAAAGAAGGGGGGGGAAAGAAGGAAAGGAGAAAAAAACCCCGAGGGGGGA AAACCCCAAAGCCGAGGTTAAAAAAAAAACCAGAAGGAACAAACAGGGAAA AGGAGGGGAAAGGGAAAGAGCCAGAGCCAAAAAAAAAGAAGGACAGGAGG
 GAAAGGAAGGGGGGGGAAAAGCAGGAAGGAACCCCGGACGGGGGAAAGA GAAAAAGAGGCAGGCCCAGAGGAAAAGGGGGGGGGGCCGGAAAAAAGGG G G G A A A A G G G GCCGGGGAA G G G G A A G G G G G G G G A A A A G G G G G G A A G G G G G GAA G G G G AAAAAAGGAAGGGGAAGGGGAAAACCAAAAAAAAAAGGGGGG CCGACGAGAGGGGGGGGGGGGGCAGAGAGGGAGGCCAAAGGAGGGAAGA AGACAAAAAGGGGAAGGCCCCAAAAAAGGGGAACCGAACGGAGGAGGGAG AAAGGGAGGGAAAAAGAACGAACGGGAGAGGGGGGGGGGAGAAGAGGAA AAAGAAAGGGAGAGAGGGAAGGAATTGGAAGAACAGAGGGAAGGAAGAGG GACCAAGGAAGGAAGGAGAAAGCCGGACGAAGACGGAAAGGAGGAAGAGG GGGGCAAAAAAAGGGAGAAGGGCCGAAGAAGGAAGGAGGAGGGGCCAGG GACGGAAAAAGGAGGGGGACCGAGGGGGACAGGGGGGAAGGAAAA $28140000-9$ AAA G G GCCGGGGGGGGAAGGGGAAAAGAAGGGAAAAGGAACC CCCCAAGGGGGGCCGGAAGGAAGGCCAAAAGGAACCAAAAGGGGAAAAGG AACCGGGGAAGGCCGGGGCCGGGGGAGGCCAAGGAAAGAGAAGGAAAGA AAAAAAGGGCAAGGAAGGACCGAAAAAGGAAGGACGGGGCCGGGGGAGAG AAAGGGGGAAACCAACCGGACCAGGAAAAAGAGAAAAGGGGGGCCAGCCG GAAA $A$ A G GAGGGGGGAGGGGGGGAAGAAGGGCCGAAAAAGGAAGGGGAA AAAGGACCAAAAAAAAGGAACCGGAGGGAAAGAAAAAAGAAAGGAAGGAG AA G G G GAA GGAAGGAAAGCCAGGGGGAGAGAAAAGGGACCGAGAGAAAAA GGGAGGAAAAGACCAGGAAAGGAAGGAACCGGCAACCCGGAGAAGGGGAA GGAAAAGGTTGAAAAAAGGGAAGGAACCGGGGAAAAAACAATCCGGAGAC GGGGAAGGAGCAAGGAGGAAAACAAAAAGAAAGGAGAAGAACGGAAGAGG AAGGAAGGAAAAGGCAGAGGGGCCGGAGGGAAAACCAGAAGAGAACGAAC

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 AAAAGGAAGGGAAGGGGAAGGAAATGGAAGGAAGGAAGGAAAAGAAGCCA AAAGGAGCCAAAAAGCACCAACCGGTTAAGAAAATTACCAGAAAAGGGGA AGGAAAAAAAGAGAACGGGTAAAAGGGCCAGTACCGGAACAAGAGAGAAA AAAGAGGGAACGAAAAACCAAGAAAACGAAAGGAAGGAGAACCAGCAAAC AGGGGAAAAAAAAAAGGGGAGGGGGCCCGGGGGCGGAGAAGGGCCAACG G GAA G G G GAAAAGAGGGAAAGGGAAAGGGGGAAGAAGGAAGGAACCGAG GGGAACCAATTCCGGCCGACCAAAAAGAAAAAGAAAAGGGGAAAACAGAA CGGGGAGAGAAGGGGGGAGCAAAGGAAAAAAAGCAAGGGAAAAAATTAAC CAGCCGAAGAAAAGAAGAAGGAAAAGGAAAAGGAAGAGGAAAGCCAAGGG A G G G G G GCCCAAGGAAACCGGAGAGCACCGGGGGGGAACAGAAAGAATAG G G G G G A A A A G G G A G G G G G A A GAGGGAGAGAGGGGAGGTAAAAGAAGGAG CAAGCCAAGGGGCCGGATAGGGAGCCGGGGGACCGAACCAGGGGCACAAA CCAAGGTATTGAAAAAGGAAAAAAAGAAGGGGGGCACAAAAAAAGGGGAG A G G G G GAAAGGGGGAAAAAAAAAAAAGGGGAAAAGGCCGGAAGGGGAGAA AAAAGGCAAACCGACGGGAGAAAGAAGGGGAAGGAAGGAGCCAAGGTTGG GAGAAAGACCGGGGGGAGCAGGGAGAAAGACACAAAAAGGAGCAGAGGAA TACCAAACGGTTGGAAGGCAGGGAGAAAGGAACCAAGAGGGGGGAAAAAA AGAGAAAGGGAAGGGAAGGAACAGAGGAAGGAGACCCCCCAACATTGGAA GGAAAAGGAAAAGGAAAGAGGACCAGAGGGGGAGAAAAAAAAGGGGGGAA CAGGAAGGAGAGGAAGGCCAAGGAGAGGAGGGAACCAAAAAAGGCCAAGA GGAAACAAAAACAGGGACAGACAAGACAAGGGCCAAGGGGGAGGAAAAGG CCGGAGGGGGGGAAAAGGAAGGCGAAGGGGGAGGAAACAAGAAACCAGTA GACCGGACGGAAAAGGAAAAAAGGGGGGGGGGACAGGGAAAAAAAAGGAA CAGGAGCAAAAAAGACAGGGAAGGAAGGGGGGAAGGCCAAAGCGCAGAGA GGAAGGAAGAAGCCGGGGGGGGAAGGAGAGAGAAAAGGAAGGGGAGGGG CAGGGGGAAGGCAAAGAACAAAAAGGGCCGGAGAAGGAACCTTAAAAAAA CGGGGAAAAAAAAGGCAAAGAAAAAAAGAAAACAAAAAAAAAGAAAGGAA AGGAACCACGAAGGAAAGGCCAAGGGAAACCGGAAGGACGGAAGAGAAGC CCAGAAGACAGCAGAAAAGACAGCCAAAAGGCCGGGAAGGGAAGAGGGGA AGGGGAAGGCAAAGGAGGAAAAAAAAAAACCAAGGAAGGCCGGGGACAGG GCGAGAGGAAGACAGAGAAAGGAGCGAACCACCAAAAAAAAGAGGAGAAG CAGAAGACAGGAAGGGGGAATAAAAAACCCCCGACGGAAAAAACCAAGAG GAAAAGGAAAAAAAAGAGAGGGGATGAAAAAGGGAAAGGGGGAAAAGGGA AGGCCAGGAGAGGGGGGGGAACCGGAAACGGCCGGAAGGAAGGCCGGAA

G G A A A CGGGAGAGGGGAAGGGGAAAAGGCCAGGGGAGGAAAAAAGAAAAA GGGAATAAAAAAAAGGGGGGAAGAAAACTTAAAACCGGAAGAAAAAAAGA GGAGACCCGGTTAGAACACAAAGGGGGCAGAGGAGAGGGGGGCCGGAAG GAGGGGGGAAAGGAAACAAGAATGAAAAGGAGAGGGAGGAAAAGGGGAA GGGATTGGAAGAAAGGGAAACCGGGGAAGAGGAGGGGGGAACAGAGGGG G G GAGCCGAGGCCAACCGAAGGGCAGGGGAAAAAAAACGGGGAGGGGAAA GAAGAACAGAGGAGAGGAAGGAAAAAAAGAAAAAAGGGGAACAAGAAAAA AA GACAAGGCCAAAAAGCCGGAAAATTGGGGGGAAGGAAGAGAACAACCA CAAGGGGAACGGGAACCAATTAAAACCAGGAAGAAGAGGAAAAGAGAGAA G G G G G G G G G A A A G G G G A G A G G G A A A A GCAGGGAGAAA G G G GA G G G G G G A AAGGGAAGCCAAGGGGAGAACAACGGAGCCGGAAAAAAGGGGGGAGAAAA AA G GAAAAGGAAAGCCAAAAAGCCGGGGAGTTAAGGAAGGGGGGGGAAGG AAGGAAAAGGCCAAAGGGGGGGAAGAGGAGAAGGGGGGGGCCAAAAGGA GAGCCAAAGAGGGAAAAGGGGAGGGAAGGAACAAGGGCAAAGGAGGAAAA ACCAGAAAAGGGGAAGGAAGGGGACAGGGCCAGGGCAGAAGGGGGAAAAA AA G GAAGAGGGAAGGAAAAGGGGGCAGAGCAGGAGGAAGGGAGGAGACC CCAAGGGGAAAGGGACAAAGAAGAGGAGGGAAAGTTCCAGCCGGGGGGAA G G AC G GAAGGGGGAGGGGGAGAAGAGAAAAGGAAAAGGAAGGGGAAGAG AGGGAAAAAAGGGAAAAGAAATTAGGGAAAAGGAAAGAAGGAGAAAAAGA A G G G G G GCGAACCTTGAGGGGGGGGAGGACGGAGGCCGGAGGGCCGGAA CCGGGAAAGAAAAAAAGAGGCCGAGAAAGAGAAAAAGGCAATCCAAAGAA CGAAACGGAAGGAACCAGGAGGGGCCAAGGAAGGGGCAGGAAGAGACCTT AAAGGAAGAGAGGGAGGGGGAGGAAGAAACAAGAGGAAGAAAACCCGAAA GGGGAAAAAAAAAACCAACACAAGGACAAAGAACCAGGGAAAGGGGAAGC AA G GAA G G G G G G G GAAAAAGGGGGGAGAAAGGAGAAGGAACCAAAGGAC C G GAGGGACAGACAAGGGAGGGGACAGACGAACGAAAAAGGCCAGAGAGG GAACCAAGGCCAAAGCCGAGACGGAGAAGACAAAAGGAAAAACAGGGGGA AAAGGAAAGGGCAGGAAAAGGAAAGGGAAAAGGGGGGGGAGGGGAGGAA GGCCAACCGGGGGGGGAGGACCAAGGGGGGGAGGGCAAAGAAAAAAGAA AAGGAAAAAAGGGAGCAGAACCCCCGGAACAAAAAGGGGAAAAAGGGGAG GCAAGAGAGGAGGGACCAGGACCAGAGGGGAGAAGAGAAAAGGAAAAGGG GAAAAAAGGGGGGGGCCAAGGAAGGGGGGGAGAGGAGAGAAAGAAGAGG GAAAAAAAGGGGAAAAAAAAGACCCCAAGGGGAAGGAGAGCAAAAGCCGA GGGGAAGGGGCAAAAAGGAAGGAAGGGGAGAAGAGGGGAAACGGGAGAG AGAGGCCAAGGGAGGAGCCGGAAAAAAGGAAGGGGAACCAGGGAAGAGGA A G GAACCGGAAGGCCAAGAAGAGAAAAGAGGGGCCAGGGCGAAGGGGGG A G G GCCGGGGAAAAAAGGAGGGAGGGGGGAAGAGGGCCGAAAGAGAAAA AAGAAGACCGAAAAGCAGGGAAGCGGGACACGGAAAAGGAAAGACGAGAC CAAAGAGGACCGGCCAAGGGAGAAGACAGGAAGCCGGGAGGAAAACCGGA G G GA GAA GAAAGGTTGGAAGGGGAAAAGGCCAAGGGAGAAAAGCCCCAGG A GAGGGAAGGGGGAAGGAACCAACAAAGGAAGGGGGGAAGAGGGAGGAA AA $\operatorname{l}$ GAGGGCAAAAAGGAGAAAGAGCAAAGAGGGGGAGGAGGGGGAAAGG AAAAAGGGGAGAGAAAGGGGGGGGGAGACAGGGAGGGGGAAGGCCGGAT GGGACCAAAAAAAAGGGAAAGGAAAGAAGGAAGAGGGAGGCACCGAAAAG AAGGGGAGAACAGAAAGGGGGGGAAAAGGGGGGGCCAGCCCCGAGAAAA GAGAAAACCGGAGAGAAGAAAGAGGAGAAAACCAGAAGAAGGGGAGAAGA CAAGAAGGAGGGGCACAAAAAAACCGGAAGGAAGGAAGGGGAGGGGGGA G GAGGGCAGGGGGGGGCCGAAAAAAAAAAAAGCAGAGGAAAAGGGAACAA AGACAAAAAAGACCGAAGTACAAAAAGGAAGAGGGGAGAAAAGGAAAAAA AGGGGAGACCAGAAAAGGCCGGCCAGAAAGAAAGAGGAAAAAGGGAAGGG GAACGAAGGGAAGAGACCCCAAAAGGGGAAAAAGAGCCAAAAAAGAGGGA AGAAAGAAGGACCCGGAAAAAGGGGGAACCGGAGACAGAAAAAAAGAGGG GAAGGACAGGAAGGAGGGAAAAGGGGAAAAAAAGGGGAAAAAAAAAGGCC GGAAAAAGGGGGCCGGGGGGCCGGAAAAAACCAAAAGGAACCAAAAAAAA AAAAAAGGGGAACCGGCCCCGGGAGGGGGGGAGAAACCATGAAGACAAGG GGGGACAAGGAAAAGAAAAAGGAAAGGGGAGAAAAGAAGGGAAAAGAGAA G G AAAAGGAAAAAGAGAGGGGGGGGAGGGGGGGATTAGAGAGGGAAACA AGGGGAACCGAAAAACCGGGGAAGAAAAAAAAAAGAAAAGAGGAGAAACG AGAAAGGAAGGAAAAGAGGGGAGAAGGAAGGAAAAAAAAGGGGAAGGGGA AGAGAAAGGAAGGTTGGAAAAGAAGGAAAAGGGGGAATTAACCAACCCCC CAAAAGGGGAGGGGGAGGACAAAGGGGGGAAGAGGGCCCGAAAACGGGA

AGAAGGGGAAAAGGAGAAAGAGAGAAGGAGCACAGGGACAGAAAGCAAAA ACGGAAAACCGAAAAGCCCCCCAACCGGGGAAGGGACAGAGGGGCCAACC G G G GCAAGAAAAGGAAGGAAGGCCGGAAGGAGAACCAGAGGGGAGGAAAA GAAGAAAAAGGAAGGAGGGAAGGGGAGAGAAGGAGAAGACACGAGGAGG G G G A A G G G GAAGGGGGGCCGGAAAAGGAGCGAAAAGGAACCAAGGAGGG GGCAGAAGGGCCAAAAGAAAGGAACAAAAGCAAAAGAAAAGAGAAAAGGG A G G G G G G G A A G GAGGGGAGAGAGGCCAAAAGGGGGGGAGGAAGGGGAAA G G GAGAAGGGGGAGAAAAGAGAAGGGGAAAAGGGCAGGGAGAAAAAAAAA GAAAAAAGGAAAAGGGGAGGAGAGGAGGGAGGGGGGAGAATGAAGACAA AGGGGGGGGGAACCAAGAAGCACCGGGGCCAGCCAAGGAGAGGGGGAAG AGAAGAGCCAACAACAGAAGGCGCCGGGAGAGACCCCAAGGGGGGAAAAT TGGAAGGAAGGGGAAGGAAGGAAGGGGGGACAAAAGGAGCAAGAGGGAG GAGGGGGGAGAGAGGAAAAGACGGGGGACAAGCAAGGGGGGAAGGAGGA AGGAAGGGGAGGACCAGCAGGGAAAGGAGGAGGAGGGGGGGGGTTAAGG AAAACCAAAAAAGGGGAAAGGGGAGGGAAGCAAAAAGGAAAAAGAAAGAA AGAAACATAATTGGCAAGAAAAAAAGAAGAAAAAGGAGGGGGAGAGAAAA AAGGGGGGGGAGAACCAAGAAGCAGGGGCCAGAACCGGGGTTAAAGGGAA AACCAAGACCAGGGGGAAAAAAAGAAAGGAGACAAGAAAGAAAGAAAAGG CCCCAACCAAAAGGAAGGAAAAGGAAGAAAAGAAGGGAGGAACAAGGGGA ATAACCAAACGGGAACAGGAAAAGGGAGAAGGGGCAAGGAAGACGGGGGG GAAAACAACCAGAGAGAGCAGGAAAAGGGGGGGGAAGGGAGATTGGGGG GGAGGAAAAAAGGGGAAGAGGAAAAAGAAAAAGGGCCCCAACCAAAAGGA GAAAGGGAGGAAGAAAAGAAAAAGGAACCGGGAGAGCCCAACCAAGGAAA AAAAAAAGGAAAACCGGGGAGAAGAAGGCGGACGGCAAAACGGGGGGAAA A G G GAAA $\operatorname{A} A \mathrm{~A} G \mathrm{G}$ GAAAAGGGGAAGGGAAAGGAAGGGGAGGAACAGGGGA GACAAGAAGGCCGGAAAGAAGGGAAGGCGGAAAAAAAGATAAAAAGAGCC AGGGAGCAGGGGAAAAAAAAGGCCGGGAAGGAGGAAGGCGGGAAAACCGC AA $\operatorname{A} C G G G G A G A G G G G G A A A G A G G G G G C C A A A A G A G A A A G G G G A G G A A G A$ AAAGAAAGGCAGGGAAGACGGGGGGAAGGAGGGGACCGGAAGGGGAAGA GGAACAGGAAAAGGAGGGAGCAGGAAAAGGAAGAAAAAGAAGGGGGGGG GGAGGAACCAAGGAAGGGGACGACAAGCCGGGAAGAAAAAAACAAGGGGA AAAAAAAGGGGTTAAAAAAAAAACCAAAAAAACGAAAGGGGGGGGAAGGA AGACCAAGGAGAAGGGAGATTAAAAGGGGAAGGGGAAGGGGAGGACCGG AACAACAACCGGAGGACCAAGGAAAGCAGGGGGGGGGACCACAAGAAAAG CAGAATAGGGGGGGGGAAAAGGAAGGAGAAGACAGGAACCAAGAAAGGGG G G AA G GAA G G G G G GAAAAAAAAAAAACCAAGGACAACAAAAGAACCAGGG CCAAGGCCGGGGAAAAGAGGGGAAAGCAAAAAAAAAAAAGGAGAGGAAAG A GAC GAAACCGGGGAGGGAAGGGGACGGGGGGGGAAAAATAGGAGAAGG AAAGGGAGGAGAGAAGAGGAAGCAAAAGGAAGGGGACGAGGAGAAGAAG G G G G GAAAGAGGGGACTTAAAAAAAAGGAAGAAGGAGAAAAAAAGGAAAC CCGAAACCAAGGAGAAGGGGGGAGAGAAAGAGGGAAGAGAAAGGAAAAGA AA G GCAAGCGAAGGGGAGGGAACCGAAAGGGGAAGAGGCCAAAACCGGCC CCAAAAAAAAGGGGGGAACCGGTTAAGGACAAGGGGGGGAGAAGAGAAGA AGGGAAAAAACCGGAAGGAGAAGGGGAAAAGGGGCAAGAAGGGGGGGGG AGGAGGAGAAGAAAAGGGAGGGGCAAGCAAGGAGAAGAAGGGGGAAAGG GAGAGGAGGGAAACGAGGGGGGAGGGAAGAAAAAGGCAGGAGGGGGACC AGGGAGAGGGACCAACCAAAGAATTGAAAAAGGAAGGGGGAAAGGACGGA GGGAAGGAAAAAAAAGGGGGGAGAGGGGGGGACGAAGGGAGGAGGAGAC AGAAAAAAAAGGAGAAGAAAAGAGAAGGGGGGGGAAAAAAACGAAGAGCC GAGGAACAGGGGAAAAAAAAAAAACCAAGGGGAAAAAAACAAAAGGAAGA G G A G G G G A A GAGGGGAAGAGGGGCAGAAGGCAGGAAGGGAGGGGGAGGG GAAGGAAAAACACAGAAGGGAGGAAGGGGAAGGGGGGAAAAGGAAGGAG G G G G G AA G GAAGGGGGAAGGAAAAAAAAGGAAGGAAAAAGAAGGGAAAG GAAGGAAAAAAGAACGGGAAGCAGGAAAGCAAGGGGGAGAGACGGGGGG CCAGAAGGGACAAAGAAGAGAAGAAGGGAAAAAAGAGAAAGAACACCCAG GGGGTTGGAAGGGGCCAGAGGAGGAGGGGGGGACAGAGGGAAGGAGAGA GCAAGCCGGAAGAACAAGAAGGGGAAAAAAAGGAAGGAAAGCCGGAAAAG G G G G G G G G GAAAGGAAAAGGGCCACAAAACCGGAAAAAAAAGGCCAAGGG GCCGGAAGGGGGGGGGGAAAAAAGGAAGGAAGGCCGGGGGGCCGGGGGG AA $\operatorname{A}$ GCCGGGGGGGGAAGGAATTAAAAGGGGGGCCGGAAGGAAGGGGGGG GAAAACCCCGGGGGGGGGGGGAGGGGGAAGGCCAAGGGGCCCCGGAAGA

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GGGAAGGACCAGGGAAGGGAGGGGGGCCGGAAGGGAGAAAGGAAAAACG AAAACCAGAGGAAAGAAACGGAACCGGCCCCAGAGGGGAGGAGACACCAA GGGACAGAGAGAACCAAAAGGAAAAGGAAGGGGGGCCGGGGGGAAAGGG AAAAAAATAGGGCCAAGAAGAAGGGACAAGAGCAGAAGGAAGCAAACGCA GAAGAGGGAACCGGGGAGAAGGTAAAAGAGAAGGAAGGAAGAAACCAAAA GAGGGGGGCCGGAAGGAGGAGGGGGGGGGGGGAAGAAAAACCGGGGGAA AGAGAGGAGGGAAAAAGAAAGGAGGCCAAGGGGAACAAAAGGGGGAAAGG AAGAGGGAACAGGGGGGCCGGAAGGAAGGAGGAAGGGGGGGCAGAGAGA ACGGAAAAAGCAAGCCAGGGAAGAGGTTGGGGGGGGAAGGCCAGAGGAAA AGCCGGAAAACCCCGGAACCGGGGAAGAGGGGCAAGAAAAAGACAGGACA GGAGGGGAGGAGACAAGAGGGAGGAAGAGAAAAACAGGAAGGAGCAAAG GGGGGGGAAAAAAAGCCGAAACCATAGGGCAAAAAAAAGCCGGACAAAAA GCCCAAAACAAGGCCGGGGAGGACCGGAAGGAAGGAAAGAAAACCAAGGA CAAGGAAGGGGCCGGGGGGAGGGAGGGGACAGAACAAGGGGGGAGGAAG ACAAGGAAAACGAAGAAGCACAAAGAAGAAAAAAAAAAGGAACCGGAGGA AGGGGGACGGAAAGGAAGCACGGAGGGGGAGGAAAAAGGGGAGGGGAAA ACCGAGAGGAAAAGAGGCAAACAGGAAAAGGAAAAAAAAAGAGAGAAGGC CAAAAAAAAAAAGAGAAGGCCGGCCGACCGAAGGGGAAGGAAGAGAGAAA TAGGGCAGACAGACCAAGACAGAAAAAAAAAAAAACCGAAGAGGAGGAAA AGAGACCAAGGAAGGGGAGGGGGGGCCCCGGCCGGAAAAGAAAGAAAACG AACCACCAAAGGGCCCCAAAGCAGGGGACAGAGAAGGGGAGACCAGGGGG AGGAAAAGGGGAGGGCCAGGGAGAGAAGGGGAGAAGGGGCCGGCCGGAG GGGAAGGAAGAAAAGGACCACAGAGAGGGGGGACCAGGAGCCAGAGAAGG AAGGAAGGGAGAGGAAGAGCAGAAAGGGAGACAAAGAGAAGGAAAACCAC AAAAGAAGAAAGGGGGGGAAGGGGGGACGGAGAGCAGAAGAACCGGGGC CGGGGAAAAAAGGGGCCGGGGGGGGGGCCGGAAGGAAGGGGAAGGCAAA AAAAGGGCAGAACCGGGGAAGGAACACCAACCAAGGAAAAAAAAGAAGGG GGGGAGGGGGAACCGACAACACGAGAAGGCGGCCGGAGACAGGACAAAGA CCAAGGAAGGGGGAGGACGAGAGGAAAGGAAAGAGGAAAGCGAAGAGGG GGAAATAGGGAAGGAAATTCATAAAGGGGAAGGGGGGGGCAGAAAGGAAA CGGGGGGAAAAGGGAGGGAAAGGAACCTTAAACCAGACCAAGGGGAAGGA GGGGGGGAGGGAACCAGAGGAGAAGGAAGAAGGGGGGCCAGAACCAAGG A GAA GGAGGGGGGAAGGGAGAAAAGGGGCCGGGAGAAAAAAGAGGGAAA ACCGGCCCAAAGAAAAACCGCCCGGAGAAGGAAAGAACCGGAGGACCAAA AGAGAAGGAGGAAAGAAAAGGAAGGCCGGCAGGGGAAAGAGAGGGGGAA GGAAAGGAGGGAGGAGGGAAAGAGGGAGAAGGGAGAAGAACCAAGGTTA GAAAAAAGGCACAAAAAAAAGAGGAGAGAGGAGAAGGGAAGGAAAAGGGC AGGAAGAACAAAAGAGGAAAAAGGGGGAGGGAGGGGGAAAGAAAGGATTA GCCAACGGGAAGAAACAGAAAGAGGGGCCGGGAGGAGGACCGACGAGGAG GCCGGCCAAGGAAGGGGAAAAGGGACCCAAGGGGGAGGGGAGACAAAGG GAAGGGGGGGGAAGGGAGAAGGAAAAACAGGGGGGGAGAGAGGAAGGAA GGGAAAAAAGAACGGAAAAAAGGCCGGAAAAGGGGAGCAAAGGGGGGAAG AGGAGGGGGGGGAAGGGAAGGCCGAAGGGGAAGAGGGAGGAAGAGAGGG AAAAGGGGAGGGGACAGAGGCCGAGGGGGGGGTTGAGGCCAAAAAAGGG GAAGGCCAAGGAAGGAAAAGGGGAAAAGGAAAAAAAAAAAAAAAAAAGGA AAACCGGGGAACCGGGGGGGGGGAAAAAAGGAAAGGGGGAAGGCCCCAAA ACCACAGGGGGGAGGGAGGAAAGGAAAAAAAAGAAAGCCGGCCCCAGGAC CAGAGACCCGGGGGGTAAACGAGGGAAGGAGGGCCCAGGAAGGGGAGGG AACAAAGGGGAAAAAGAAAGACCAAGAGGGAAGGCCGAGGGAGGCCGGAA GGGGCCGGCAGGAAGGAAAAAACCGGCCAAACAACCAGGATTAAGGCCGG AA GAGAAAGGCCGGGGAGGGGGAAAAAAGAAAAGGGGGGGGGGGGGAGA AGAGGTTGAAAAGGAGAAGAGGGGGAGGAAAGGCAAAGAGGAGAAAACCG AA GGAAAAAAAAGCCGGAAAAGAAAAAGGAAGGAAAAAAAAAGAGGAGGG GCCGAGGGGAGAGCAAGACAGACAGAAGGGGAAGAGAGGAGGGGGAAGG TAGAAGGAAAAGAGAGAAAAGATTGAAAAAGGGGAATTAGACGGCAGGAG GGCACCGGGGGGATACGGAAAAAAAAAAAAGGAGAAGGGGAAAAGGAGAA GAAAAAGAAAAGAGGAAAAGGGCCAGAGGGAAAGAGGGGGGGAAAAAACC GAGGGGGGAAGGGGAAAAAAGGAAGGGGAAGGGGAAAAAAGGTTAAGGG GGGAAGGAAGGCCAAAACCCCAAGGAAAAGGGGAAGGAACCAGCCAAAGC CGAAGGACCGGGGGGGGAAGGCCGGAGGGGGAAGAGGGGACGCGGGGAA AAAGGGAAGGGAAGAAGGAAACACAACGGAGGGAACAGGGAGGGGGAAG

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GAAAAAAGGAGGGAGAAGGCCGAACACGAGAAGGGAGGACCGGGGAAAAG AA G G G GAACAGGGGAAGAAGAGAGAGAGGGGAACCGGAAAAGGAAGGAG GGGGGGAGGACCAGACAGGAGGCAGAGAGAGAAGCAAGGAGGAAAAGGA AGGGGAAACAAAAGGAAAAAAAGGAGGGGGGCACCGAGAAACAAGAGAGA GGAGGTTGGGGGGGGGGGGAAGGGGAAAAGGCAAGAGGGAAGGGGAAAA GGAAAAAAAAAAGAAGAGGGGAACAGAAGAAAAAAAGGGGGGGCAGAGAG AGGGGAGAAAGGAAAAGAAAAGAAAAAACCGGGGGGGGGGGGACAAGGCC ACAAAGGGAAGAAAAGAAGGAAAGGAGGGGAGAGAGGAGGCAAAAGAAAA CATTGAAGAGAAGGTTAAGGGGCCAGGGGGGCGGGAAAAGAGGAAGGGG GGGGAGAGAAGGAAAGGGGAACCGGGGGGAAGGAAAAGGAAAAGGAAGG AAGGAAGGAAGGAAAACCAAAAGGAACCAAGGGGGGGGGGCCAAAAAAAA AA GGGGCCGGGGGGAAGGAAGGAAAAGGAAGGAAGGGGGGGGGGAAGGT TCCGGGGGGAAGGGGAAAAAAAAAAGGGGGGGGGGGGAAAAGGAAGGCC GGCCAAAAGGAAAAGGAAGGAACCAAGGGGAAAAAAAAAAGGGGAAAAAA AACCAAAAGGAAAAAAGGGGAAAAAAAAAAAAAAAAAAGGAAGGAAAAGG AAGGAAAACCGGGGAACCCCAAAAAAAACCGGAAAAAAAAAAGGGGGGGG AAAAAAGGCCGGGGAAGGGGAAGGGGAAGGAAGGCCCCAATTGGAAGGAA GGAAAAAAAAAAAAGGAACCGGAAGGAAAAAAGGACGAGGAAAAGACCCC GAGAGAAGAGAGGGCAGGGGGAAGGAAAAGAAAAAAGGAAGAAGGGAACC GGGGGGAAGGGGGGAAGGGACAGAGGGGCCAAGAGGGGGGGGAAAGAAA AGGAGGGAAAGGGCCAGAAGGGGGAGGAAAGGGGGAAGAGGAAGGCCAA GGCGACGGAAGACCAGGGAAAGAAAGAGGGGAAAGGGGGGGGGGCCAGG GGGGAAGGGGGAAGGAAAAGGGGGGAAAAGAAGAAGGGGGGAAGGGGGA AA GGAAAGCCGAGAAGCAGGAAGAGAAAGGAAAGAAAAAGAAAAAAGAGA GAGGAAGGCCAACCGGGGAGCCAAGAGAGAGAAAGAAAGAGACAGGAGCA ACAAAAAGGAAAGGAAGGGGAAGGGAGGCGAGAAAAAGGGGGAAGACCAG AAGGCCCAAAGGGGGGAGAAAAGGAAAAAAAAAACCGGAGAAGAAAAAAA GGAGGAAACCGGGGAACCGAAAAAAGAGGAGGAGCCGGGGGGAAAGAACA GGGAAGAAGGAGAGAGAGGAAAGAAAGAGGACAGGAGGGGGGGGAAAAA CGGGGGAGGGGGGAAAAAAGGAAAAAAGGAAAAGGAGAAAACAATACAGA AAAAAGAAGAGGAAGCAGACAAGGGGGGGGACGAAGGAGGGCGAGGAAG AGGGAAGAAGCCAAAGAAAAAGGAGGGGAAAACCGAGAGAAGGAGGAACC CCAAACAAGGGGGAGAGGCAAGGGAAGGAGAAAAAAGGAAGGAGGGGAG GAAAAAAGGAAGAGGAGGACCCGGAAAGGAAAAGGGGCCGAGAACAGAGA ACCGGAAGAAAGGAGAAAAAAGGCCGGGGCAGGGGAGACCACACAGAGGG GGGCCAACCGGCCAAAAGGCCAACCAAAACCGGGGGGGGAAAAAACCAAA AAAAAGGAACCAAAAGGGGGGAAAAAAGGGGGGAAAAGGGAAAACGGAAA AGGGGGGACGGGGGGGGCCGAAGGGGGGAAGGAGGGGGGAAAAAGAGAG CCAAGGAAGGAGAGGGAAGGGGAACCAAAGAAAAGGGGAAAAGAAGGAGA AGAGGAAAAAGGGAGAGGAAATAGGGCAACCCGAAAAAAAGAAAAAAGGA AAAGGGGAGAAGGGGGACAAAAGAGGGAGAAACCAAAAAAGGGGCAAGAA CAAGAGAGAGGAAAGGGGAAGAAAATCAGGAAAAAAAGGAGGGGGGAAAA AGAGAAGGGGACAAAGACAAAAAAAAGAGGGGACGGAACCAGAACCAAGA GGGGAAGATTCACCCCGGAACCAAAAAGAGGAGAGGAACCCCAAGGAAGG AAAATTAGGGGGGAAGAAAAGAAAGGAACCGAAGGAAGGGAAAAAAAAAA CCGGGACAAGGGGAGGAGGAAGCCAGGGAAACGAGGAGAAACACGAAAAA AGGAAGAAAAAAGGGGGGAAGGAAGAGAGAACCCCCCCAACCGGAAAAGA GAACAAGGGAGGCCAGAAGGGGAGAGGGGAGAAGGAGGGGCCAAGGACG GGGAACCAACCCCCCAACCAAGGCCAGAAAAAAGGAAAAAAGGAGAAAAC CAAAAAAAAAAGGGGGGGGAAAAGGGGCCGGGGAAAAGGGGGGAACCAGA AGGCCGAAGGGAGTTGGGGAAGGGAACAGAGAGAGAAGGAAAGAGAAGG GGCCGAGAAGCAAGGGAGGAGGGAAAGAGAAACCAAAAAAGGAGGAGGGG GGAAGGAGGAAAGAAAGAAGGGCAAAAAAGCCAAGGCCAGAGAAACCAGG GAGAAAAGAGGGAAAGAACAGGGGAAAAAAGGGGCCAAAAAGGAAAGGAG GAGAAGGGAGGAGAAGAGGAAAGAGGGAAAAAAAAGCAAAGGCCAAAAGG GGGGCCGACAAAAAAAAGGACCACAAAAAAAAGGGGGGAAGGAACCGGGG AAAACCGGGAAGAAGGAGAGAAGAGGGAAGAGGGGGAAAAGGGGAAGAG AA $\operatorname{lag}$ GGTTGAGACCGGAAGGGGGGAAGAGGGAGAAAAGGGGAAGACGA ACGGGAGGAGGGCCAAAAGGAAGATTGAGGGAGGAGAACAAAAAAAAAGG GGAACAAGCCAAGGGGGGAAGGAAGGGGCCAAAACCGGAAAAGGGGAAGG GGAAGGGGAAAAAAGGGGAAAAAATTAAAAGGGGAAGGGGAAGGAAGGG

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AA $\operatorname{AAA} A A \operatorname{AAGGGGGGAGGGCCAAGGATAAACGAGGGGAAGGAGGAGGG}$ AGGAACCAGAAAACCGAGAAAAAGGAAGGGGGAGGCCGGAAGGAGGGAGA AAAAGCGCCGGAAAGAAGAGGAACCACAAGGAGAAAAAGATAAAAAAGAT TGGACGACAAGAAAAAAGGAAAAGGGGGAGAGGAGACGAAAAAGGAAGGG GGGGGAAGGAGGGAGCAGGGGCAACAAAAGGGGAAGGTTAAAAGGAGAA GAGAGGGAGGAAGGAGGGAAGGAAAGAAAGAGCCAGAAAAGGCAGGAGG ACCAAAGAGGAAGAAAGGGAAGAGACCTTGAGAAGACAAAAGGGACCAGA AA GAAGGAAGGAACCAAAAGGAAGGAACCGGGGGGAAAGAAGGCCAAGAA AAGGAAAAACAGGGGAAGGCCAAGGGACAGAGGAGGGAAAGGAAGCCGGG GGGAAAGAGGGGGGGAAAGGAGGAAAGGAAAGGGGAAGAGGGGGGGGAA GGGGAGAAAGAGGGAAAAGGCCAAGGAAGGAAGGAACCAAAAGGAAGGAA AACCCAGAGGGGGGGGGGAAAAAAGGGAGGGGAGAAAGAGAACCGGAGG GAGGGGGAGAGGGGAAGAAGGGGACAAAGGGGGCCGGAGAAGGAGAGAC AGGAAAAAAGAGGGGAAGCCACGGAAGGAAGGCCAAGGAACCAACCGGGG AAAAGGAAAACCAACCAACCAGGGAGAAAACAGACAGGGGAAACAAGAGA AGAGGAAGGGAAGAAAAGACAGAGCCGGGAAAGGGGACAAGGACGGAAGG GGGGAAAGAGGAACGAAAGGGGGGAAAGACGAAGAGGAGGGGAGGGAAG GAACCGGAAAAGGCCGGAGCAGAAGGAAGGGGGGGGGGGGGGAGAAGGA GGAAGGAAAAAAGAGGGGAAGAGAAGGAGGGACAAGCCGGAAAACAAAGG TTGGAAGAAGAGGAAGATCCCCAAAAGGCCAAGGAAGGAAAAGGAAGGCC AACCCAAAGGAGGGAAGGGGGAGAGGCCGGGGGGAAAAGGAAGGAAGAG GAAAAAGAAGGGGAGCAGAAAGGAGGAGGCCAGACAGAGGGGGGGAAGG GGGGGGGGTTAAAAGGGGGGGGGGGAGGGGGGGGAAACAAGGGGAGAGG GAAAAAAAGGGGAAGGGCAACAGGGAACCAAAGAAGGCAAACCAAAGAAG GGAGAAAAAGGAGCCAGGGAAGGCCCACCAAGGAAAAGGAAAGACGGGGA GAGCCAAAGAGAGGAAAGAGAGGCCGGGGGGGGAGACGAACAGGGCCAAA GAGAGAAAGAGGAAGGAGAGAAGGGAGAGAACCGGAAAGGAAAAAGGAGG ACAAGAGGACCGGGGGGGGGGGGGGGGCAAGAAGGGGGAAGCCAAGGAA AAGGAAGGAAGGCCGGAAGGGAGAGGGAGAGGCAGAGGAAGGAGAAAAA ACAGGGGAAGGAAAGGAAGGGGGGGGGCCGGAAGGAAGGAAAATTGGGG AAAGGGGGAAGGGAAGAGAGGACCAAGGGGGGCCGGAGGGGGAAGGAGC CAGAGCCAGGAACCCAAAAGGGGGGGGAAAAGGGGGAAAGGAAGAGGGA GAAAGGAGAAAAAAAGAACATTCCAGGAAAGGACGGACAAAAAAAAGGGG GGAAGGGGAGGGGGGCGGGGAGTAGGAAAAGGAACCAAGAGGGGAAAAG AAGAAGGAAGAGGAGAGGGAAAGAGGACCGAGGAACCAAACAGAGAACCG GGGGGGGAACCAAAAGGGGGGAGAGAGAGCCGAAGAGAAAAGAGGACGA CCAGAGGAGAGAGAGGGGGGGAAGCCGGAGGGCCAGGAGACAAAGGAAT TAAAAAAGGAAGAAGAAAGGGGGGGAGAGGGGAAGAGCCGGAGCAGAAAG GAGGAGGGGGAAAGGGGAAGGCCGGTTAAGGGGAAAACCGGAAAAGGGG GGAAGGAAAAGGAAGGAAGGAAAAAGCCAAAAGGGGCAGGGGACGGCCAA GAAAAAGGACACAAAGAGAAAAGGAGAGGGGACCAAGGCCGGGGGAAGGA AGAAGGAAGAAAGGCAAAACAGGGAGGGGGAAAAGAGGCAGACCGGGGG GGGAGGGACGAAAACACAAGGAGGAGAAGCCAGGGGGAAAGAAGAGGCAG GAAAGACGAAGTAAAGGGGAGGGACGGAAAGAGAAAGAAGGGAGGAAAAG GAAGGCCGGAAAAGGACGAGGAACCACAAAGCCAAGGAAAGAAAGGGGGG AAACCGGGGAAAAAAGGAAGAAAGGCAAGAGAAAGGGGGGAAGAAGAAAA AAAAAAGAGGACACAAACCAACCAACCAAAGGGAAGGGAGGGGGGCAGAG AAAAAGGCCCCGGAAAAGGGGAAAAAAGGAAGGGGCCAGCAGGCACAGGA AGGAAAAGGGGAAAAGGCCAAAAAGAGGCATAGAAAAAAAAGAGGGGGGG AGGGGGGGGGGAGTTAAAGGGGGAGAAACGAGGAGGAGAAAGGAAAGGA GGGGGGGAGAAAGGGGTTAAAAAAGGAAGGGGGGGGAATTCCAACCAAGG GGGGGGAGAAAGAAGGAACACAAAGAGGAACAGGGGAACACAGAAGAGAA CCAAAAAAAAAAAAGGAAGGGAGACCAAAAAAAAAAAAGGGAGAAACCGG GGAGAAGGGAAACCGACCGGCCAAAGAGAAGAGAGGAAGGAAGGGGAAGG CAACAAAAAAGGGGAAAAAGAGACGGCCAGGGGGGAGAAAGGAAGGGGGG AAGGAAGGCCAAGGAAAAAAAAAAGGAAGGAAACAGGGAAAAAAAAGGAA GGGGAACAGAGGAAAAGGGGGGAAAGGAAAAAGGGAGGAAAGAAGGAAAA AAAAGAGGAAGGCACCCCGGGGGGAAAAAGGAAGGGAGAACAGAAGAGAA GGCCAGGGGAGGAAAAAAAAAAAGAGGAAAGGAAAAGGGGGGAGAGAAGG GGAAGGAAGGCCAGAGAACCGGGAAAAGCCACGAACAAAAGGGGGGGGAA CCAACCGGAGGGGGAAAACCGAAAAAAACCGGAAGGGGCCGGGGAGAAGG

G G G G A A G G T T G G G G G G A A G G G G G G G G GCAGGAAAGGGGCCGGAAGGGGA A G G G G G A G G A A CCGGAGACAA G G G G G GGGAAAA G GCCCCGGGGGGAAA AA G GAAGGGGCAGGAGGAAAAAAAGGAAGGGGGGGGCCAACAACAGGGCA G G G A G GA GCCAAACGGGAAACCGGATAGAAGGGGAAAAGGGGAGAACCCC A GAAAAGGGGCAGGCCAGGAAAAGGGGGGGGGAGGGAGCCAGGGGGGGA AAAAAAGCCAAGGAAAAGGCCAAAAGAAAGGAGGCCACACCGGAAGGAGG AAACACCGAGGAAGGAAGGAGAAAAAAAAAAGAAAGAGGAAGGCCGGGGG GAGCCGGCCAGAGAGCAACAAGAGAAAGGGGCCAAAGAACCAAGGGGAAA GAACAGAGGAGGGCAGGAAAAGGAAGGAGGAGGGGGGGAAAAAGAGGAA GGAAAAGGAGGACAGGAAAGGAAGAAAAAAAACCCAAAACAAGGGGGGGC AACAGGAAAGAGAAAAGGAGCCGGAAAAGGGGGGAAAACACCAAAAGGCC GGCCGAAGAAAACCAAAAAGCACAGGGGGGAGAAAGGATTGGAGCACACA ACGGGAGGAAACGGGGGGACAAAACCAAAAAGGGGAAAAAAGAGGGAACC GGAACCGACAAAAAGGGGAAAGAGGGGGGGAAAAAAAACCGAAGAACCGA CACCAGACAGTAAAAGAAAGGGGGAGGAGGAAGAGGGGAAGAGGAAAAGA AGAAAAAAGGGAGGGGAACGCGAAGGGGAGAAAGAGAGGGGAAGCCCCAA AACAAAAAGGAGAGGAAGAGATAAAAAACCGGGGGGAAAAAGGGGACCGG G G G G GAGGGGAGGAAAAAAGGACAGGACGAAAGGGGGAGGAAAGGACAG AACAGACAAGGAGAACCGGGGAAAGGAAAGAAGGAACGGAAGGGAGGAAG GAAAAAAAGAAAGAAGGGAAAGGAAAGGGGGAAAAAAAAAGGGGGGAAAG GGGAGAACCGGAAAGTAAAGGAAGGAGAGAGCCGGAAGGGGGGGGGGGG AACCAAAAAAGGGGCAAAAGTAGAACACAGAAGGAAAAGGAGGGAACCAA AGAAGAAAAAAAGGAAGGCCAGACAAAGGGAGGAGAAGAACCAAAAAAAA G GAA G GAGCAAAAAAAGGCCGGAAGGAAGAGGGGGGGGAGAAGGAAGCG AGGAAGACGAGAAAAAGGGAAGGAAAAACAGACGGCCGACCAAGGGAGAG AA GCCAAAGGAGAAGGAAAGGGGGAGGCCAAAAGAGGGAGAAGAGACAAG GAAAAAAGGCCGACCGGAAGGAAAAGAAAGGGGGAAAGGGGAAAAAAAGG GAGGAGGGGAAAAAGGGGAGAAAAGGGGACACCAATTAACCCGATACAGA GGGCCGAGAAAGGAAGGGGAAAGCCAAGAGGAAGAGGAGGGCAGCGGCA GGTTCCGGAAGAGGCCAAAAAACCGGGGAGGAGGAGCCGAGGGGGGCCG GAAGGAGAGGAAGCAAGAAAGAGGGCCAGAAGGAAGGCCGAAAGAAGAGC CCCAAGGAAAAGGGGGAGCAAAACATAAGGGGGCCAAGGGGAAAAAAGGG G G G G A A G G GAGGGGAAAAGAAAAAAGGGGGGACGGGGGCAGAAAGAAGA
 CAAGGGAGGAAGAAAAAAGGGACGGAAGGGGGAACGAACAGAGAAAAAAC C GAACGAGGGGAAAAAGGGCAGGGGCATTGGGGAAGGCAACGGGGAAAAT TGGGGGGCCAAAAAAGGCCGGGGGGAAGAAAAAGAAAGGAACCAACCCAA AGAAAAGCAAAAAGGGGAAGGAAGAGGAAGGGGAGAAGGAAAAGGAAGAG AAAGGGGGAGGGGGAGAAAGGAAAAGGCCAGGGAAGAAAGGGGCCAGAA GGGAGAAAGACCAAGAAAGGGGAAGGCCGGCCAAAAAAGGGGGGAAGGAA AAAAGGCCGGGGCCAAGGAAGGAAAAAATTAAGGAAAAGGAAAAGGAAAA GGAAAAGGAACCAAAAGGAAAACCACGAGAGAGGAAGGGGAGGAGAAGGA AAGAAAGAGGAAGGAAGGAAAAAAGGGGAAAAGGGGAAAAAAAAGGCCGG GGGGGGAAAAAAAAAAAACCGGAAAGGGAGGAGGGGGGGAAGAAAAGAG GGGAAAAAAAAAAGGGGAGAAAAAACCAAGGGGAGGAACGAGGAGGAAGG AGAGAAGGGACGGAAAGAAAAAAGGGGGAAAGGGGGGGAGAGGCACGCC AAGGAACCAAGGAAAAAGAAAGCCGAGGCAGGCCGGGATAGGAGAAGGCC G G G G G G G G TAAACAGGAGAGAACCGAACGGCCGGGGGGGGAAGGGGAAA
 G GCCCAGAGAGGAAGGAAAAGGGGGGGGAAGGGGAAAAGGAACCGGGGG G G GCCGGAAGGGGAAGGAACCGGGGGGAAGGAAGGCAAGAAGGCAGGGG G G G G GACCGGAAAGGAAGGAGAGGAAAAAGGAACAGACGGAAGGGGACA G G G CCGGGGAAAACCGGGGAAAAGGAAGGGGAAAAAGGGAAGACCGGAG G G AACAAGGACCGGGGGGCAAGGGGGCCGGAACCAAGGAAAAAAAAAACC G GAAGGGGCCCCGGCAACCAACAAGGGGAGAGAAAGAACCAAGAGAGGAA A G G G G GCCGGCCAGGGGGCCGGGAGGAGGGGGGGGGGGAAGACCATAGA A G GCCAA $\operatorname{ClG} \operatorname{GGGGGGAAGGCCAGGGGACGCACCAAGGGAGGGGGGCCGG}$ AA G G G G G GAA $\operatorname{A} A A G A G A G A A A A G G G G A G A A A A A A G A A G C A C C G G A A A A A G$ AAAGGAGAAAGGAGGGAAGAACAGAGTAGAGAGGAAAAAAGGGGAAAAAA GGCCAAGGAGAAGGGGGGAGAGAGGAGACCAGAAGGAGGGGAAGCCCCG GAGAAAGCAAAGGGGGGGAAGGAAGAGGGGGAGAAAAGAAGGAGACAGG

CCACGGACCCGGGGAGGGGGCAGGGGAAAAGGGGCCAGGGAAAGCCCCA GAAAAAAACGACAAGGGGAGGCAGGGGAGCAGGAGGGAAACAGAAGGGGA AAGAGAGAGGGAACCAGAAGAGAAAGGGGCAAAGGAAGAAGAAAAGGAAA A G G G G G GAAAAGGGGAAGGGGAAAAAAAAA㬛AAGGGAAGGAGGGGAAG G G G AA GAGCCAAGAAAAAGGAAAAAAAAGGCAGGGAGAAGGGAGAAGGAA G G CAAACAGGACGGGGGGAAGGAGGAGGGGAGGGAAGGCCAAAGAGGGG G GAGGAGAAGGAGGGAACAGAGGAACAGAAGAAAAACAAGGGGCAGAAAG AA GAGAAAGAGACCCAACCAAGGACGGCCGGTTGGGGAGGGGGAAAAGGA GAGGAGGGAGGAGAGAGGGGAGAGAAAAAAAGAAGAAGGGGAAGGAAGG GGGAGAGAAGAAGGGGGGACCCCCGGGGGAGGAAAAGAAGAAGGAAGGG GAAAAGAAAAAAGAGGGAAAAAGAACCGGGGAAGGAGGGCCAGGGGGAGG GGAAGGAAGGAGACCAGAATAAGACAGGGGGGGAGCCGGAAGAGGATAAG GAAGGAAAAAAAAACAAAAAAAAAAGGGGGGAAAACCAAGGAGGGAACCG GCAGGAAGGAAGGAAGGAGAAACAAAAAGCCGAGGAAAAAAAAAAGAAGA AGGGACCAAAAGGGGGGAAAACCAACAAAACGAGGAGAAAAGAGAGGAAG GAAGGGGAAAAGGAAGGGGGGAGAGAGAGGGGAACGGAAAGAGGAGGGG G G AA G G G G G G AACCAAGGGGAACCAGGAAAAAAAAAAAAAAAAAAAAAGG GAGGAAAAGAGGGAAGAGAAAAAAAAAAGGGGGGAGGACCCAAAGAAAAA CCGGAAGGGGGGAAAAAAAAGGAGCCAAAAAACAGGAAAGAAGAAAAGGA CAGAGGAGAGAAGGGGAAAAAAGGAAAAGGGAAAGAAGACAAGGGGAGGA GAGGAACCAACCAGAAAGGGGGGAAAAACGAAAGGGAAGGAAAAAACAGG AAAAGGGGAAAGTAAAAAGGGGGGCCACAAAGAAAAGGGGCCAGACAGAA AA $\operatorname{GA}$ A AAA $\operatorname{A}$ GAAAGGGAAGGGGGGAAGAAAAAGGGGAAAGGGAAAACCAG
 GAACCGGGGGGAGAAGGGGCGGAGAAGAAAAGGAAAACCGGCCGGAAGG CA GAA G GAGGAAAGGAAAAAGGAAAACCGGACCAGGAGAGGGATAGAGGG AAAAGGAAGGGGGGCCAAGGAAGGAAAACCAAGGCCGGGGAGAAGAGAGA AGAAACCAGAAGGAGAGGAGACAGCCAATAAAGAGGAAAAGGGAAACGGA GAAGAGAGAAAACCGGAGAACCCCAGCAGGTAAACCAACCGAGGAGAGAA AGCCAAAAAAGGAACGAAGGCCAAGGGGGGGGAGAGAAGGAAAAGGAAAG GGAAGGCAGGAGAAAGGGGGACGAAGGGCAGGGAACGGCAAGGGGACAA AGGAAAACCAACCAGAAGGCCAAAACCAAGGGGGGGGGGGGAGAAAACCG GAAAAGGGGAGGAAAAAAAAAAAAACCGGGGAAAAAAAAGGGGAACCTTG GCCCCCCAAAAGGTTAATTAAGGAAAAGGAAAAAAGGAAGGAAGGGGGGA AAAAAAAAAGGAACCAAGGGGAAAACCGGGGAAGGGGGGGGAAGGGGGG AAAAGGAAAAGGGGGGAAAGTTAAGGGGCCGGCCGGCCCCACAAAAAAGG AAAAGGGGGGCAGAAGGATTCCACCAGAAGCCCCAAAGAAGGCCGGAAAA AAGAAAAAACAGCAAGGACCGGGAGAGGGAACGGTTAAAGAGAAAGAAAA GGGAGAAAAGAAAGGGAAGGAAAAGGAAGGGAGGAAAGGGGGGGGGGAA GGGGAGGGAGGCCAGGACAGGAAGACCAGGGGGGGCCGGGGTTGGCCGG AGGCAGAAGAACTAACAAGAGACAAGAGGAAAAAAAAGAAAAAAAAGGGG AATTAAGGGGGGAAGGAAGGCGAGAAGGGAAGAAGGAAAAAGAAAGCAGG GGGGAAAGAGCCGGGGAACCGGAAGGGGAAAAGGGGGGAGTAAAAAAGA ATACCAAGGAGAGAAAGGAAAGGAAAAAAGGATAGGAAGGAACGGGGCCC A GAA $\operatorname{A}$ GGGGGGGGGGAAAGGAGAGGGGGGGGGAGAAGGGAGGGAAAAAA GGAGGGAAAAAAAAAGGGGAGGGGAAAGAAGGGGAAGGAAGAAGCCAAG GCCGGGGAGGAGGAAGAGGGAGGAACCAAAGAGGACCGACCAACAGAAAG GAAATGGTTGAAAGAGAAGGAAAAGAAGGCGAAAGAATTAAAAGAGAAGG G G G G G G G ACGGGGAGAAGAAGAAGGGGGGGGAAAAAACCAAGGGGAAGA CCCAAGGGGGAGAAAAAAAGGGAGACAACCAAGACAAGACAAAGCACCGG G GAAAAGGAACCGGAAAACAAAGGCCAAGGAAAAGGGGGGGGAAAAAAAA AAAAAAAACCAAGGAAGGAACCGGAGGGAGAACCAGAAAAGGAAAAGCGG AAAGGGCCGGAGGGAGCGCAGAGGAAAGAGAAGGCAAAGGAAAAAAGGGG CCAAGGGAAGGGCCACAACAAAAAAAAAGGGGAAAAAGGGCCAAGGGGAC GGAAGGAACCAACCCCAAGCAGAAGGAAAAAAGGAAAACCAAGGGGAACA CAGAAGAAGAGAGGGGGATTGGAAAAAAGGAAAAGGAAGGGGGGAAAAGG AA G GAAAA G G G G G G G G G GAA G G G G G G G GAAAAGGAAGGAAAAAAGGAAA AGGGGAACCGGAAAAAATTAAAAAAGGAAAACCAACCAAGGAACCCCAAAA GGAACCGGGGAAGGAAGGAAGGAAGGAACCGGGGAAAAAAGGAAAGGGG GGGAGAAGGAAACGAAGTTCGGGAGAAGAAGGGAAAGAACCAAAAGGGGG GAAAAGAAAGGGAAGAAAAGGAAGGCCAAAGAGAGAAGAAGCCAAAAAAG

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AGGGGACGGGAAACACAGGGAGAAAGGGAAAAAGGGGGGGGAAGAAAGG CCGGTATTCCGGGACCAGGGGAGAGGAAGGAAATAGGGGGAGGGGGGAG G G G G GAAA $\ln \operatorname{G} \operatorname{GGGGGCCGGAAAAAAGACCGAAGAGAGGAGGAAGGGGGG}$ A GAGGAAGGGAGGAGAGGCCGAGGAAAGAAGGAAGAGGGAGAGACCGGA AA $\operatorname{G} A A A A A G A G A G A G G G G A A A G A A G A G C C G G G G A A G A G A A G A G G G A A G G$
 GAAGGAAAGGAAAAGAAGGGGGGGACCCCGGAGGAGAGGGAAGACACAGA GAAAGAAAAGGAAGGACAAAAAGGAGGAAAGGAGAGGAAAAGGGGACCCG AGGCCAGAAGGGGGGGGGGAACCGGCCAAAAGGCCAGGAAGGAGGAGCA CCGGAAAAGAGGCAGAAAGGGACCAAGGCCCCGGCACCAAAAAAGGAAGG AAAAAAGGGAAGAGGAGGGGAAGGAACCAGGAGGCCGGGAAAGGAGGAG GGGAAGAGGGGAAAGCCGGAAAGAGAACCCCAAAAGGGGAAAAGGAAAAC CGGCCGGCCGGAAAAAAAAAACCGGAAAAGGAAGGAAGGGGCCTTGGGGG GGGAAGGGGGGGGAAGGCCAAGGCCGGAAAAAATTAAAAAAGGAAGGAAA AAAGGAAAAAAAAGGAAAAAAAAGGAACCCCCCAAAACCAAAAAAGGAAAA GGAAAAAAAAGGAACCGGGGAAAAGGGGAAAAAAGGAAAAAAGGAACCCC AA G G G G G G G G A A A A G G G G G GAA G G G GAACCGGAAAACCGGGGGGCCAA GAAGGCAAAACGAGAAGGGGGGAGGAGCAGAGGGAGACAGGAAGGAAGA GAAAGGAAAAGGAACCAAAAGGAAAGCAAAAAAAGGAAAGCCGGGGAAAG ACAAAGAAAAAGAAAACAAGGGGGGGCCAGACAGGAAGGAGAGACAGGGA GAAAAAAAGGAAGAGGGACCACGGGGGGAAATGAAGCGCCGGGGAAAACC G GA G GAAA G G G G G G G G G G A GAGCCAGAGAACAAAGAGAGGGACCGGAAA AAAAGGGGGGGCAGGGGGGAAGGAGGGGGACGGAAAGACGACAAAAATT AAAACCAAAACCCCAAGGAAGGAAAAAAAAAGGGGGAAGGAGGGGGAGAC GAGGAGAGGGAGACCAGGAACACCGAGAAGAGGAAAGCGGAGAGCCCAGG AA G G G G A A A A ACGGAAAAAAAAAAGGGAAACCAGAGAGAGAAGGAAGGGG GGGAGAGGGAGGAGAAAACCAAAAAGAGGGAGCAAAGAGGGAAGAGGAAG AGGAGGAAGGGAAGAAGGAAAAAGGAAAGGGAGGGGAAGGGGACGGAGA AAAAGAAAAAGAGGAAAGAACGGGGAAGAAGAGAACCAAAAGGGGGGATG GGGAACCGAAAAACAAGGGGGAAAAGGAAGGCAAGGGAAGGGAAGAAGGA GACGAGGGGAAAATTGGGAGGGAAAAGGACAGGCAAAAAGAGGAAAGGGA GCAACAAAAAAGAAGACAACGCCGAGGGGAAGAAACCGGGGGGGGGGAAA AGGAAGAAAAAAGGGGGGACCGGAAGGGGAGGGGGGAGGAAGGAAACAG AA $\operatorname{l}$ GGAGGAAGGGGAAGGAAAATTAAAAAGAGAAAGAAGGAAAAAGAACA AAAAAGGGAAGATTACCCGGAGAGGACCCAGGGAAGGAAAAGGGAACACA GACCAAGGAACAAAGAAAGGAGGAAGGAAAGAAGCCAGGAAAGGAAGGGA GGAGGAA GGGAGAGGAAAGGAGGGAGAGAGGACCCCCCGGAAGGAAAGG GAA G GAA G GAA G G GAGGAAAAGGGGGGGGAGCCGAGAGGCCGGGGGGGG AGAGGGAAAAAACCAAGGGGGAAGCCAAAAGAAGCCGGAAAAAAAGGAGA ACAGTAAAGGAAAAAAAACAAGAGGAAGAAAACCGGAAGAAACAAACCCA CCATGGGGAAAAAAGGAACCAAGGAAGGGGGGGGAAGGAAAAGGAACCAA GGGGCCGATAGAAAGGGGCCAAAAGGAAGAGAAAGAAGGGAAAAGAGGGG AGAGCCGGGGAAGGGGCAACAAGGAAGGGGAAAAAAAAAAAAGGAAGAAG GAAAGGAAAAAGAACCGGAAAAAAGGCCCCGGGAAAAAAGAAGAAAGGGG AAACGGCCGGAAAGGGGGCAAGAAAAGGAAGAAAGAGGAAAGAGAGGAGA GGAGGACCAGGGAAGGGAGGGGGGCAAAGGAGAAGAAAGGGGGGGGAAA GGGGGAAAAAAAGCCGGAACGAGATGGGGAAAAAAAGGGAGAAGAAGAAA AGAAAAAAAGGCCAGAGAGGGGGGGAGGGGGAGCACCAGGACAGGGAGG AGGAAACAGGCAAAGAGAAAAAGAGACCAAGAAAGAAAAAGGGGGGGGAG G G G GA G G G GCGGCGGGGGCAAGGAAACATAAAGGGGGGGGGAACAGAGA AGGCAGACCAAAAAAGGAACCAACCGGAAAGGGTTAAAAGAAAAAAGAAG GAAAAGACAGAAAGAGGGGAAAGGACAGGAAAAAAAAAAGGAAGGGGAGG A G G G GAAAAGGGGGGAGGAGAACGAAGCCAGGGAAGGGGGGAAGGACAC G G G G G GAACCAAAAGGAAAAGACCAAAGGGGAAGGAGGTTAAGGGGAACC A ATTGGGGGGGGAGGGAAAAAAGGAGGGGAGGGGGGAGGACACAGAAGG GGGAGGAAGACAGAGAGGGGGAGAAGGCACCGGAAAAGAAGAAGGACAAG GAGAAAAAAGACCACGGAGAAGGAAAAGAGGGAGAGGGAAAAGAAAAGGG GGAGGAAAGAAACAGCAGGAGAAGGAGAGAGAAAGGGAAAGGAGGAAAAG GGGGAAGCCGGAAAAAGGGGGGGAAGGGGGGAAGGCCAAAGAGCACAAA AAAAGGGGGGAAGGGAGGGAGGACGAAGGGAAGAAACCACGGGGGGAAG GGGACCCAGAGAAAAGGAAAAGGAAAAAAAAGGAGCAAAGAACAGGGGGA

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 G GAAGGAAGACAGGGGAAAGCCGAAAAGGAGAAAACGGAAAAGGAATTAA AA G GCCGGGGAAAAGACAGGGAAGGGAAAAAACAGAAAAAAAACAAAACC
 G G G GAGAAAGGTTAGAGAGGAGGCCGGGGAAAAGGAAGGCACCGAGAAG AACCGAGGAAAGCCCCAACCGGAAAAAAGAAGCAGAAAGGAACCAACCCC AAAACGAACCCCGGGAAGGACCGGAAAAGGGAGGGAAGGAAGGGGGGGG GAAAGAGAGGGGGGGGGAGGGGAGGAACCAAAAGGAAAGGAAGGGGGCA ACGAGAAGGGAGGAAAGACCAAGGCCTTGGAAGAACGGAAGGGGGGGGA G G G GAGGAAAGAAAAGGCCGGGGAGAAAAAAGGAAGGAAAAAGCCAGAGG GAGGGGAGAACACAAGGAACCGGCAAGAAAGGAGGGACAGACAAAAAGGG GAAGGAAAAGGGAAGGGAAGGCCGGAAGGAAAAGGCCAAGAAGACAAAGG GAGGAGGAAGGGGGGGAGGGGACGGAAGGAGAAGAGACAAAGAGAAAAA
 G G G G G A A G G AAAAAAAAGGAGGGGAGGGAAGGGGGACCCAAACAAAAGGA A G G A GAA $\operatorname{A} A \operatorname{GAGGGGGGGAGGGAAGAGACGGAGAGCCGAACCCAAACAAA~}$ A G G A A G G GAGAGGGGAAGGAAAAGGGAAGCCAAGGCCGGAGAGGGCCAA ATGGAAACGGGGGGAACCAGAAGGAGGAGGCAGGCCACCCCCGGGGCCCC CCAGCCAAAAGGGGGGGAAGAGGGGAAACAGGAGGAAAAGAAGGGGGGG GAAGAAGAAAAAACCGAAAGGGAGGAAAAGGGGAAAAGGGGAAGAGAGGG GGGGGGGAAAAAGGGAAAAAAAAGGGGAGAACCGGGGCCAACCGAGGGG TAAAGAAGAGGAGGAAGGGGAAGGAAGGACAGACAAAGGGAGGGAAAACC AA G G G G GAAAAAAGCACCAGGAGAAGAATAAGAGAAGCAGGAAGGGGGGG AA G G GAGAGAAAAGAAAAAAGGAAGGAAGGGGGGTTCCGGAAAAAAAAAG

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G G GAACCAAGAGGGACCAAAGAAAGAAGGAAGGAGGGAAAAAAAAACGGA AAAGGGAAGGAAAAAGAGGAGGGACAAAGGGAGAAAAGGGAGGGAGCGA G GA $\operatorname{GAA}$ A GAAGAGAGGAAGGGAGGGCGAAGAAGAAGCCCCAAGGCAGAG GGAGGACAAGGCCGGGGAAAAGGAAGGGCAGCCGGCACCCCAAAAGGAGA GAA $A$ AGGGGAAGGTAGGAAGGAAGGGGGGAGAAAAAAGGGAAGACCCGG A G G G G G G GAGGAGAGAACTAGAGAAAGGCAGGAAAAGGGGGAGAAGGGG G GAAAAAAAGGCCAGAGGGAAGGGGGGCAGGGGAGCAAGAAGGGAGGGG G G G G G GCCAAGGGGAACCAAGGAGCAAAAAGAAGGGGGAGAAACAAAGCC G GAAAAAAGAAAGAGAAGGAAGAAAACCACAAGGAAGGGGGGGGAAGGAA AAAAGGAAAAGGAAAACCCCAAGGCCGGAAAGAAAAAAAACCAAGGGAGG CCGGGAAAAACAGGAGGGGGAGGAAGCACCGGCCGGGGGAAAACGGAAAA GAAGACGGCACCGAGGCAGGGGAAGGGGGAGAGAGGAGACCCGAAAGGG GGATACCGGACGGCCAGAGAGAGAAGAGGCCAAGGGAAGCCGACGGGCCC CGGGGCCGAGGAGGGGGAGCCAAAGGGAGGAAGGGAAAAAGGAAGGGGG A GAGACAAGGAGAGGGGGGGAAGGGGACGGTTAAAAGGAAAAAAGGGGC CGGAGACGGGGAGAAAGAAAACCCAAGGGAAAGCCAGGAAGAAGGGGGAG GCACCAGAAAAGGCAAAGGCCAGACGGGAAAAGGGGGGGGGGGAAAGGA GGGGGGAGAACCAGGGAAGGAGAGACCCGGAACCGCGAAGAAGGGAAGG GAGCACCGGAAAGAGAGGAGGGGAGCAAGAGGGAAGGCCGGGGAGGGCC A GA $\operatorname{G}$ GAAGGGGGGGACAGAAAAGGGGCCAGAGAGGAAGGAAAGAAAAAG G G G G G GAGGGGAAGGGGAAGGAGAAAAGAAAAAAGGAGGCCCCCCGGGG AC GAGGGGAAGGGGGAGGGGAAGGGGAAACGACCACGAGGAAGGGGCAG G GA $\operatorname{l}$ GAGGGGGAAGGGAGGGGAAGGCCAAGAGAGATAGGAGAAAACAAG A G G G G G CAAAGGAGGAGAGGAAGGAAGGAAGAAGAAGGGAGGGGGGCCA A G GAA G GAA $\operatorname{A}$ GAAAAGGGGGGAGGGCCGGGGAGGGAGGGGGAAGGAAGA
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$28141000-9$ AA GGGGCCGGGGAAAAAAGGGGGGAAAAGGGGAAAAGGAAGG CCCCAAGGGGGGAAGGAAGGGGGGCCAAAAGGAACCAAAAGGGGAAAAGG AACCGGGGAAGGCCAAAACCGGGGAAAACCAAGGAAAAAAAAAAGGAAGG GGCCGGGGAAGGAAGGAAAAAAAAAAGGAAGGCCGGGGCCGGGGAAAAAA AAGGAAAAAACCAAAAGGAAAAGGGGAAGGGGGGAAGGAAAAAAAGCCAG AA $\operatorname{A}$ GAGAAGGGGGGGGGGGGGGGAGAAGAGGCAAATAGGAAGGAAGAAA AGGAACCAGAAAAGAGGAACCGGAAGGCAGGCAAAGAGAGAGGAAGGGGA AGGGGAAGGAAGGAAAGACAGAGGGAAAGCAGAGGAACCGAGAAAGAGAA G G G G GAGACGGGCAGAAAAAGAAGGAACCAGCAACCCAGGGAAGGAGAAA GCAAAAGATGGAAAAGGGGGGAAAACCAAGGAAAAAACCTTCCAGGGCCG GGGCAGAAGCAAGAAAGGAAACAAAGAGAAAGGGGAAAACCGGAAGAAGA AGGAAGGAAAGGGCAAAGGAGACGGGGGGGAAAACAGAAGAGAAAAACCG GCCGGCAGGGAGACCAGGGAAAAGGGGGGGGAGAAGAGGGAGAGCGAGA AGGGGAAGACAGAAGGAAAAGAGGAGGGAAAAGGGAAAGGAGAGAACCAA G GAAAAAAGGGACCGAGAGGAGGGCCACGGCCGGAGAAGGAAGGGGGGC AAGAAGGAAAAAAAACAGGAAGGGGACGAAGGAAGGGACGGATAGAGAAA AGGAAAAACGAGGAAAAAAAAGGAACAAAGGCCAAAAGGGGGGCCAAAAG GAAAACCAAAAGGAAGGGACCGGGGAAGGGGCCGGACGAAACCGGAACCA AGGAAAAAGAAACAAAAAACAGAGACAAGCAGGGGAAGGGGCCAAAAGGG GAAGGAAAAAAAGAAAACCAAAGGAGAGAAGGGCCAAAAGGCAACGAGAT AACAGAACGAAGCAAGAGAGGGGAAGGGGGGACGGGGAAGGAAGGAAAA GAACGAGGAAAGATAAGAAGGGGGAAAACCGAGACAAAACGAGAGGAAGG GAAGGAAACCGGAAAAGGGGCCGGAAAACCAAGGAAAGGAAAAGGGAACC AAAAAAGACCGGACAGAGGAAGGAGGGGAAGGAGAGAGAAGGGGAACCGG AACCCCGGGGAAAAGGAAGGCCAACCGCCACAAAAAAGGAAGAAGGAACC

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G G A G G GAGGAAGGGGCAGGAAAAGGGGAGCCGGAAAAAAAGGGAGAAAA G GAAAAAAAGTTAAGGAAGGGAGGGAAAAGACAAGGAACCAAAGAAAAAG G G G GCCGGGGCCTTCCGGAAGGAAGAAAAACGCCAGGGAAAAGGAAGGAA AAAGAAGGGGTTGGAGCAGGAGCAGGCCACGGAAGACCGAGAGGGAGGAA AAGGAAACTTAGGAAGAACCGGAAAAGGAGAGCAGAAGGGAGGACCAAAG C G G G G GAAAAAAAAAGAACCAAAAGGGAGGGGAAGGCCAACCAAGGGGGG A G G G G G CAA $\operatorname{l}$ GGGGGAAGGAAGAGGGAGAAAAACGAGAACGAACGGAAG GAAAAAGGAGACCGGAAGAAGAACAGGAAGAAGCCGGAGAAGGGGAAAGA AGAAGGACCGAAGAAAACGAGTAGGGGGAAAGAAGAGAAGGCCAAAGAGA GAAAAACGGGGGAGAAACCCATTCCGGGGAAGGATCACCCCAAAGGACCA AGAAGGGAGGGAAAAAGAACAAAGGAAGGGGAAAAAAGGAAGGAAGAGAC CAGCACCAGGGAAAAAGAAGGGGAGCAAGGGGGGGAGGGAAAGAAGGAAA GAAAGGAAAAGGGAGAAGAGGAAAGAAAAGGGGAGGGGGGAGGGAAGAG AGAGAAGGGAAAGAAGAGAGAACAAAAAAGGGAGGGGGAAAAAAGGAAGG G G G G G GA GTTGGAATTGGAGGGAAGGAAAAAAGAGAAGACAAAAGGGGCC AAAAAGCACCAGAAAAATGAAAGAATTAACAGAAAAGGAGAAGGAGGAAA AGGGAACCGGAACCGGGGCCGGAACCGGAAAAGGGGGGAAAAAAGGGGAA AA G GAAAACCAAAAAAAAGGAAGGGGGGGGAACCGGAAAAAAGGGGAAAA AAAAAAGGGGGGGGAACCGGGGGGGGAAAAGGAACCAAGGGGGGGGGGA AAAGGGGAAAAGGAAAAGGGGGAAGAAAGAAGGAACCGAAGAGCAAAGGT TACAGCCGACCAAAAAGGAAAAGAAAAGGGGGAAAAAAAACGGGGGGGGA AA $\ln A \operatorname{GGGGGAAAAGGAAAAGAGGAAGGAGCACAGAATAAACGGCCGAGGA~}$ AAAGAAAAAGGAATTGGAAAAGGAAGAGGAAAGACAAGGAAGGAGGGCCC CAAAAAACCGGAGAGCCCCGGGGGGGAACAGAAGGAATTGGGGGGAAAAG G GAA $A$ A $\operatorname{G}$ GAGGGGGGAGAGGGAGAAGGTTAAGGGAAGGGCAAGCCGAAG AGACGGTTAGAAGGACAGAGGACCGGAACAGAGGCACAACCCTAGGTTTT GAAAAAGGCAGACAGGGAAGGGAGCACAGAAAGAAGAGGGGGGGGGGAA AAAGGAAGAAACCAAAAGGGAGGAAGGCCGGGAAAGGAGAAAACAGGCAG ACCAAGGGGGGAAAAGGAGGGGGAAAAGGGGCCAAAAAAGGAAAACCGAC CGGGGGGGGAAAGGAGAAAAAAAAAAGGGGGAGAAAAAGGATACCAACCA GTTGGAAGGCAGGGAAAAAGGAACCAAAAGGGGGGAAAAAAAAAGAAAGA GAAAGGAAGAACCGGAGGAAGGAAACCACACGAAATTGGAAAGAAGAAGC AGAGGAAGGGGAACCAGAGGGAAGGGGCAAAAAAGGGGGAACAAGAAGGA GAGGGAGGGAAAAAAAAAGAGGGAACCAAAAGGAACCAAGAGGCACCGAA ACCGGGGACAACCAAAAAAAAAGCCAGGGGGAAAGCCAAGGCCGGGGGGG G G GAGAAGGAAGGCGAAAGGGGGGGAAACAAGAAACCAGTAGAACGGCCG GGAGAAGTAGGAAAAGGAGAAAACCGGGGAAAAAAAAGAAACAAGAGAAG AAAAGAAAGAGGAGGGGAGGGGGAAAGACAGAGCGCAAAAAAGCCAAAAA AGGCCAAGGCCAGGGCCAGAGAGGGAAAAGGAGGGAAAGGCAGAGGGAA G GAAAAGACCAAAAGGGGCCGGAGAAGGAAAATTAAAAAACCGGAAAATA AAAAAGCCAAAAGAAAAAAAAACCCAAACAAAAGGAGGAAAAGGAACCCCA AGGAAAAGGCCAAGGGAAACCGGAAAGCCGGCAAAGAGGCCAAGAAGACA GCAAAAAAACCGGCCGACAAGCCGGAAAAGGAAGGGGGGAAGGGGAAGGC AAAGGAGGAAAAAAAAAAACCAAGGAAGGCCGGGGACAGGGCGGGGGGAA GACAGAGAAAGGAGCGACCCACCGAGAAAAAGAGGAGAACCGGAAAAAAG GAAGGGGGGATGAAAAACCCCGGCCGGAAAAAACCAAGAGGAAAAGGAAA AAAAAGAGAGGGGTTAAGAAAGGGAAAGGGGGAGAGGGGAAGGCCAGGA GGAGAGGGGGAACCGGGACCAGACGGTAAGGAGGCCGGAAGGAACCGGA AAAGGGGAAGGGGAAAAGGACGGGGAAGGGAGAGAGAGAAAGGGAATCA AAAAAAGGGGAGAGAAAAACTTAAAACCGGAAAAAAGAAAAAAGGGCCCC GGTTGGAACACAAAAGAGGCAGAGGAGAGGAGCGCCAGAAAGAGGGGGGA AAGGAAACAAGGATGAGAGGGAGGGGGAGGGAAAGGGGAAGGGATTGGA A G G AA $\operatorname{l}$ GAAGGCCGGAAGGAAGGGGGGGGAACCGGGGAACCGAAGCCAA A GCCGACCAAGGGGCAGGAGAACCCCGGGGGGGGGGGGGGAAGGAAAAA GAGGAAAGGAAAGAAAAAAGGAAGAAAAGGGCCCAAGGGAAAAGGCCGAG GCCAAAAGGCCGGAAAATTGGAGCGAAGGCAAAAAAAAACCCCAAGGGGA ACGAGGACCAATTAAAACCAGAAGGAAAAGGAACAGAGAGAAGGGGGGGA GCAGGGGGAAAGGAAGAGGCAGGAAAAAAGGGGAGGAGAAAGAGGAAAG CCAAGGGGAGAACACCGGGGCCAGAAAGAGGAGGGGAGGAGACAGGAAAA GGAAAGCCAAAAAGCCAGAGAGTTAAGGAAGGGGGGCGAAGGGAAGAAAA GGACAAGGGGAGGGAAGAGAAGAAGGAGGCGGCAAGAGGGAGAGCCAAA

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G G G G G A A G ACCAGCCGGGAAAGGGGAAGGAGGGGGAGAGATAAGGGAGA CCAAAAAAGGGGGAAAGGGAGGGAAGAAGAAAAGGAAAAGAAGGGAAAAA ACAAAATTGGCAAGAAAACAAGGAGGGAAAGGAGGGGGGGAGGAAAAAGG AGAGAGAGGACAGAAAAACCGGGGCCGGAACCGGGGTTAAAGGGAAAACC AAGACCAGGGGGAAAAAAAGAAAGGAGACAAGAAAGAAAGAAAAGGCCCC AACCAAAAGGAAGGAAAAGGGAGGCAAAAAGGGAAGCACAGGGGGATTAA CCGACCGGAAACGGAAGAAGGGAGCAGGAGAAGGAAGGACAGAGGGAAAA CCAACCAGAGAGAGCAAGGAAAAGGGGGGGAAGGGAGAATGGGGGGGAA GGAAGAGGGAGGAGAAGAAAAAGGAAAGGAGCCCCAACCAAAAGGAACAA GAGGGAAAGGGAAAAAAAAGGAACCGGAAAACCCCAAACAGGGAAAAAAA AAAGGAAAACCGGGGGGAAGGGGGCAGACGGAAAACCGGGGGGAAAAGG GAAAAAGGAGAAAAGGAGGGGGGAGGGGGAAGAAAGGAACAGGGAAAAAA GGAAGGCCGGAAGGAAGGAAGGGCGGAAGAAAAGAAAAAAAAAACCGGAA GGAAGGAGGAGAGAAAAACCGGAAGGAAGGAAAGGGGGAAAAACCCCAGC GGAAGGGGCGAGAAGGAGAGGGACGAAAAAGAAAGGGGAGGAGGAAAAG AAAGGCAAGGAAGCCGGGGGGAAGGAGGGAACCCCCCAAAGCAAAGGAAA AA $A$ AA $A$ AGGAGGGGGAAGGAAAAGGAAGGAAAAAAGGAGAGGGGGGAAG AACCAAGGAAGGGGAAAAAAGGCCGGGAAGAAAAAACCAAGGAAAAAAAA GAGGAGTTAAGAAACAAACAAAAAAAACGAAAGGAGGAGACAGGGGGACC G G G GAGAAGGAAGAATCCCCGAAGGGGGAGAAGGAGAGGACAGAAACAAC AACCGGAGAACCAAGGGAAGAAGGGGGGGGGGCCACAAGAAAGGAAAATT G G G G G G G G G GAAAAGGAAGGAAGAGACAGAAACCGAGAAAGGAGGGGAG ACAGGGGGGAAAAGGAAGAAACCAAGGCCAACAAAGGGGCCAGGGACAAG GCCGAGGAACCAAGGGGAAGGAAGAGATAGACAGGAAGAGGGAGGAGACG A G ACCGGGGGGAGGAGGGGCCGGAGGGAATACATTGGAAAAAAGGAAGG GAAGAGAGGAGGGGGACCAAGAAGGAGAGGACAAAGGGAAGAGGGGAGG AAAAAGGAGACATGAGAAAAAGGAAGGGGAAAAAAAAAAGGAACCCCGAG ACCCAAGAGGAGGAGGGAGAGCCGGAGGGAAGGGGAAGGAAAAGGAAGG CCAACCAAGGGGGGGGAACCAAGAGGGGCAGAGGCCAAAACCAGCCCCAA AAAAAAGAAGAGTACCGGATCCGGCCGAAGAGAAAAGAAGGGAAAAGGGG AA $\operatorname{AAAACCGGAGGGGGGAGGAGAAAGGGAGCAAGGAAGAAAAAAAACCGG}$ AAGGAGAAAAGGAAAGGGAAAGCAAGGAGAAGGAAAGGGGAAAAGGGGAA AGAGGAACGAAGGAAGAAGGAAAAAAAAGGAAGGGGAGAGCCCAGGAAGA AGAACCAAACAAGGAATTGAAAGAAGAGGGGAGAAAGGACGGGGAGAAAG GAAAGAGAAGGGGGAGGGAGAGAGCCAAAGGGAAGAGGAAAAAGAAATAG
 A G GAGGACAGGGGAGCCCCGAAGGGGAAAAAACGAGAGGAAAAGGGGGG AA $\operatorname{l}$ G G G G GAAAGAGGGGCAGGAGGCAAGGAAGGAAGAGGAGGGGCCAGA AAAACACAGAAGGGAGGGAGGGGAGGGGGGGAAAAGAAGGAAGGGGGGG GGGGAACCGGAAGGAAAAGAGAGGAAGGGAGAAGAAGGGAAAGGACGGA GAAGAGAACGGAAAACCAGAAGGAAAAGGGGAGAGCCGGGGGGCCGGAAG GAAAAAAGAAGAGGAGAAGGGAAAAGAGAAAAAGGCCAAACGGGGGGTTG GAAGGGGCAAGAGGAGGGGGGGGGGACGGAGGGCAGGGGGGGGAAAACC GGAAAACCAAAAAAGGGAAAGAAAGGGAGGCAAGCCGGAAAAAGGGGGGG AGAAAGGGGAAGGGCCCCAAAACCGGAAAGAAAAGGCCAAGGAGCCGGAA GGGGGGAGGGAAGAAAGGAGAGAAAGCCAGGGGGACGGGGGGAAGGCCG GAGGGGGAAGGAATTAAGAGGGGGGCCGGAAGGAAGGAGGGGGAAAACC CCGAGGGAGGGAGGAGAGGGGGAGCCAAGGGGCCCCGGGAAACCGGAAA G G G ACA GAGCAAAGGGGGAGAGCCCAGAGAGAGACAAACAGCAAAGGGGA ACCGGGGGGGGGGAGGGCACACGAGAAAAAAGGAAGGGGGGGAGGACAA GAGGACACGGAAGGGGAACCCCGGGGGGAAAGGAGGAGAAGGAAAGAGA GAGGGGGCAAGACGGGGAGGGGAACGACCAGACAAGGGGGACCGGGGGG G G G A A A G GAGAGACGGAGAGGGAACCAGGGACGGAGGAGGAGGAAGGGA ACCAGAAGGCAACAGGGGGGGAGGGGGGGGGGAGGGGAAAAAAAGAAAA
 CAGAAGAGAAGGGAGGGACAAAAGGAGGACCAAGAAAGGAGAAAAGAGGA G G G A G G G A G G G A G G G G G T TAAA $A$ AAAGGGAGAACCAAGAAGAAAAAAAAG GGGAAAGGGGGAAGAAAAAGAAGAGGGCAGGGGTAAAGGGGGGAGAGGC AA G G G GAGGGCCGGAAGGAAAGCAGGGAACCCGGGGGGGGAAACAGCAG GAAAGGGAAGGAGAGAAGGAAAGGGAGAAGGAAAAGGAAAAAAGAGGGG GAAGGAAGGAAAGGGAAAGGATGGAAAAGGAGGAGGGACCGGGGGGAAA

G G GAGAAAAACGAGCGGAGGGAAAAGAGGGGAACCAAGGCCAAAAAAGGA AAACAAAGGCCGGGGAGGGAAAGGGCAGGAAGAAAAGAGAAGGCCAAATC CA $\operatorname{G} A \operatorname{ACA} \mathrm{C}$ GGGGAGAGGGAAAGGGGAAGGAAAACCGGAAAGGGGGCACC AAGAACAAGAGGAAAGCCGGCCGGGAAAGGTACCAGAGAAAGAAAGGAAA CCGGGGAAAACGACCCGACCAAAGCCAAAAGGACAAGGAGAGAGAGAGGG GGCCCCAAAAAAGGGGGGCCAGAAAAAAGGAAAAAAGAGGGGCCAAGGAG AGGAGAGGGATAAAAAAAAAAACGGGAAAAAAGGAAGACCGGAAAAGGGG G GAAAGAAGGCCAAAACCAAGAACAACAAAAGGAGGGGGGAAAGGGGGGG CAACAAGAGGAAAAGAGAAACCAAGGAGGGGGCACAGGACAGCAAAAGGA AAGAAAGGACAGGGAAAAAAAAAACACAGAGGAAGGGACGGGCAACGGAA GGGGAGAGGAGGAAACGGAGACGAGGGGGGCCAAGGACCGGGAAAAGGA AAACCAAAGAAAAGAAAAAAAAGGAAAAGCCCCCAAAAAGGAAGGGGGAA AAAGGAGGAGGGGAGAGAGGGGAATGGGGGACAAAAAAAGGAAGACCGG AGAAAGAGGGAATTAAAAAAGGAACACCGGAGCCACCAAACCGGAAGGAA AAGGGGAAAAAGCCGGGGCAAAAACAGACCGGGAAAAAAGGGGAAGGGGA GGAGAGGGGGCCAGAAAAGAAGGAAGAGAGAGGGAGGAAAGGGGAAAAG CGGGGCCGGAACCAAAACCAAGGCCCCGGAAAACCGGGGGGGGAAGGGCA G G G GAA G G GAAA GCAGGGGAGGCAGAAAGAAAAAGGGCCAAGGAACCGG G G G GAAAAAAAAGGGGCCAAGGAGAATAAACCAGAACAAGAAGGGAAAAG CGCAGGAAAAAACCAAGGAAAGAGAGGAGAGACCCCCCAACAAAGGAAAA G G A A G G G GAAAAGGAGGGAAGACCGGAAAAGGAAGGGGAACCGGAAAACA GGGAAGACGGAAGAGAAAGGAAGGCCGGAACCGGGGAAAACCGGGGAGG CAGAAGACCAAAAAAAAGAAGGGAGAGAAAAGGGGGGGAGGGAAAGGTTC CAAAAGGGGCCAACCGGGGAGAAAAGGGGAAAAGAGGGGGGAAAGACAAA AAAAAAAGAAAAGCCCCAGAAGGGGGATTAAGAAAGGACGGAAAGAGCCC AGGGGCCGATAGGGAGGCCAAAAGGCCGGGGAAAAAACCGGAAAAGGGGG GAAAAGGGGACAGAGAGGGACGGAAAAGAGAGGAGGGGGGGAAAAAAAA G G G A G G G G G G G GAAGAGGGGAAGGCCAAAACCGACCAAACCCGGCCGAAG AAAAGAAGGGAAAAGGGACCACGAAGAAGGGGGGAAAAGGAAAAAAGGGG GGAATTGGAACCGGGGAGGAACGGGGGAGGGGCCACGGAACAGAAAGAAC AGGGGGAAAAAAGGCCGGGGGGCCAAGGCCAAGGAAAAGGAAGGGGGGG GCCGGAAGGAAAAGGGGAAAAGGGGAAAACCGGGGAAAAAAAAGGAAGGA AGACCCCGGGGAAGGCCGACAGGCCAACCGGAAGGAGGGGGAGGAACAAA AAAGAGGATAGGGAAAAGGGGAGAAGAGAGAGGAACCAAAGAAAAGAAAA CAGAGGGAATTAAAGGAGGAGCCAACCCCGGAGACGGAAAGTAGGGGAAA AAGGGCCAGGGAGGAAAGAGGAGAAGAGGAGGAGGAAGGGGAAAAAAAA GAGAAAAAGGAGCGGGAAAAGGAAGGGGGGAAGAAGAAGGTTGGAAAAAA AA GACCGAAGAGGAGAACGAAGGAAAGGGGAGGGGGCCAGAGAAGGAAAG GAGGGGAACCGGGGAGAGAAAGGGAACAGAAGGAAGAGAGAAACAGAAAG TTGAAGGGAAAAAGGGGGGGAAAAAGAAACCAACAGAAAGGGAACCGGGG G GAGGAAACCGGGGAAAAGAGGGGCCGGGAGAGGGGAAAAGAGAAAAAA GAAGGGGAGAGGGCAGGAGCAGAAAGGGACAGGGGCAGGGGGAGGAAAA GGAGGGGAAAAAAAGAAAAGAAACGAGGAAAATTAAGGAAGGAAGGAAAA GGAAAAGGAAAAAAGGGATAAGGGGGGGCAACGGGAAGAAAAAGAACAGA G GAGGAACAGGGGGGGGGGAAAGGAAGGAAAAGGAACCGGAAAAGAAACC CCCCGGCCAGAACAAGGGTTGAAAAAAAGGGGCCGGAGCAGGGGGGAACG AA G G G G G G G GAACCAAAAGAGGGGACGAGGGACGGAAAGGAAGAGGGAC CGAGGAAAGCAAGGGGAAAGAGGGGGAAGGGGGCCGGGAGAGCAAGGGG G GAA G GAACCGGGGGAGGGAAGGGAGCAAACAGGAAAAGAGGGGCCCCAA AACCAAAAGGAAAGGACCGGGGCCGGACCCGGGGGGAAAGAGCCCCAAAG GGCCAGAGAGGAACAAAAAGGAGAGGAAGGAGAGAAAAGGGGAAGGGGAA AAAAATAGGGCGAAAAAGAAGGAAAAGGGGCAGAGGAAGGAAGAGGCAGA A GAGAGAACCAGGGGGGAGGAAGAAGGGAAGGAAGGAAGGGACCGAGAG G G G A GAGAAAAAAGGAGAAAAGGAGGGGGAAAGGAAAAACCAGGGAAGAG A GAGGAGGGGGAAAACAGGAAGGACAAGGGGCCAAAAGGGGGGAAGGAA AGAGGGAAAAGGGGAGCCGGAAAGAAGGAGGAAGGGGGGGCAGAAAGAC CGGGAAAAGCAGGCCGGGGAAAAGGTTAGGGGGGGAAGGCCAGGGAAAA AGACGGAAAACCCCGGAACCGGGGAAGAGGGGCAAGAAGAGGCCAGAACA A G G G G G GAGGGGCCGAAAAAAAAAGAGAGAAACACAGGGAAGAGAAAAGG G G G G G G A A A A A A G GCCGAAACCTTAGAGAAGAGAAAGGCCGGACAAGAGG CCCAGAACGGGGCCGGGGGGAACCGGAAAGAAAGAAAGAAAACCAAAACC

AA A GGAGGGGACAGAGGGGGGGAGGGAACAGACCAAGGAAAAGGAAGGC CAAGGAAAAGGGGAAGGAAAAAAAAGGGGCAAAGAAAAAAACCGGGGAAG GAAAACCGGGGGGGAGGAAGGAAAAAAAAGGAAAAAGGGGAGGGGAAAAC A G GAA $\operatorname{l}$ GGACAGGGGCAAAAAAGGAGAAGAAGAAAAAGGGGGGGAGGCCA AAACAAAAAGGGGAAGGCCGGCAGACCGAAGGGAAGGAAGGGGGGAATTG GGGAAAAAAAACCAAAACCAAAAAATACAAAAACCAAGGGGAAGGAAAAAA AACCAAGGAAAGGGAGAAGGGGCCACGGCCGGAAAAGAAAGAGAACGAAC CACAAAGGGGCCCCAAGGCCGGAACCGGGGAAGGAAGGCCAAAAAAGAGG A G G G G G A G G G G A CA $\operatorname{l}$ GGAGGGGGAGGGGAAAAGGGGCCGGCCAGAGGGG AA G GAA GAAAAGGACAACAGAAAGGGGAGACAAAGAGACAGAGGGGGAAG GCAAGGAGAAGAAGAGCGGAAGGAGAAAAAAGGAAAAGGAAAACCACAAA AGAAGAAAGGGGGGGGAGGGGGGACGGAGGGCAGAAGAACCAGGGACGG GGAAAAAAGGGGACGGAAGGGGGGAAGGGAGGGAGGGGAAGGAAAAGAA AGGGCAGAACCAGGGAAAGGAAACCAACCAAGGCAAAGAAAGGGGAGGGA G G G G GAGGAAAGAAACCCCGAGAAGGCGGCCAGGGCCGGAACAAAGACCA AGGAAGGGGGAGGACGAGAGGAAGGAAAAGAGGAAGGGGGGAAGGGGGG AAAAGGAAGGAAAAATAAAACAGAAGCAGAAGGGAGCAGACAAGGACCAG G GA GAACCGGGGGGGGAAGGGGCCTTAACCAAAACCAAGGGGAAAAGGGG G G G GA $\operatorname{GAG} \ln \operatorname{GAA} \mathrm{A} G \mathrm{G}$ GAAAAGGAAAGAAAGGGAGACGGAACCAAAGAGG
 AGCCAAAAAAAAAAACGCCCGGAAAAGGAAGGAACCGGGGAAACAAAAGA AAAGGAAGAAGGAGGAAGCAGGCCGGCAGGAGAGAGAGGGAGGGGAGGG AAA A A G G GAA $\operatorname{A} A \operatorname{AGGGAGGAGGGAGAAGGGAGAAGCAGCGAAGATAGAA~}$ AAAAGGAACCAAAAAAGGGGGGGAGGAGGGGAGGAAAGGACAAAAGCAGG AAAAAAGAAAAAAGGAGAAGGGGGGGGAGGAGGGAAAGAAGGGATTAACC AA GGGGAAAAAAAAAAAAAAGGGGCCGGAAAAGGGACCAAGGAGGAGGCC AGCCAAAGAAGGGGAAAGGGGAACCAGGGGAGGGGGAAGAAAGAAGAAG G GAGGGGAAGGGGAGGAGGGAGAACAGGGAGAGGGGGAGGAGGAAGGGG GAAAGAAAACAACCGAAAGGCCGGAAAAGGGGGGAAAAGGAGGGAGGAGG G G A G A G G G A A A GAGGAAGACAAGGGGAAGGGGGGAGGAGGAGGGAGAAA AGGAGGGGGAAAAGAAACCAAGGGGAAGGTTGGGGCCAGGAAAGAGGAG GGCCAAGGAAGGGAAAGGGGAAAAGGAGAAAACAAAAAAAGAGAAGAAGA GCAGAGCAGCGGGCGGGGGAAGAGAGAGACAGGAGGAAGGCCCCAAAACC CCAGGGGGGAGGGAGGGAAAGAGAAAAAAGAAGGCCGGCCCCGGAACCAG A G ACACGGGGGGTAAAGGGGGGAAGGAAGGACAAGGGGAAGGAGGGAAC AAAGGGGAGAAGGGAAGACCAGGAGGGGAAGCCAAGGGAGGACGGGGAA AAAAGGCAAAACGAAGAAAACCGGCCAACCAACCGGAAAAAAAGCCAAAA GAGGAGGGCGGGGGAAAAGGAAAAAAAAGGGGAGGGGGGGGGGGAGAAA AA $\operatorname{l}$ TTGAAGGGGAGAAGAGGGGGGGAAGAGGAACAAAAAAGGAGACCGAA GAAGAAAGAGGACAGCAGAAAGAGAGGGGGGGAGAGACAAGGGGAGGGG CCGAGGGGGGGGAAGGCCGGCCGGAAGGGGAAAAAAGGGGGGGGAAGGT A GAA G GAAAAGAGGGAAAAGATTGAAAAAGGGGAATTAGAAGGAAGAGGG GCACCGGGGGGATACGGCAAAAAAAGAAAGGGGAAGGGAAAAAGGGGAAG AAAAAAAAAAAAGGAAGAGGGCCAGAGAGAAAGGGGGGGGGAAGAGAACG GGAGGGGAAAGGCAGAAAGGGCAGGAGAGGGGGAAAAAAAGTTAAGGGG GGAAGGAAGGCCAAAGCCCCAGAGAAAAAGAGGAGGGACCGGCAAGAGCC GGAAGACCGGGGAGGGAAGGCCGGAGGGGGAAGAGGGGACCCGGGGAAA AGGGGAAAGGAGGAAGGGAACACAACGGAGGGAACAGGGGGGGGGAAAG G GAAGGGAAGGGGAAAAAGGAAGGAACCGACCGGAGAGGGAAAAAGAAAA AACAACACGGAAGAGAAAGGGGGGAAAAGAAGAAGGAAAAAAGGGGAACA AA $\operatorname{GAA}$ AGAAAAAAGAGGGAAGAAGGGGGGGGGGGACGAAGAGGGGGAAA GGGAGAGAGGGGGCCGGGGAGGGCCGGACAACAGGAAAAGGGAAAGGAA G GAGGGGGACAAGGAGGGACGGAGGGCCAAGGAAGGAAGAGGCCGGAAG ACCAGGGCCGGAAAGAAGGAGAAAAGAGAAGGGGAACAAAAGAAAAAACA AA $\operatorname{GCCGGCCAAAAGGAGGGGAGGAAAGCCGGAGAAAAAAAGGGCGGGAAC}$ CAAAAAAGAGGAAAAGGAGACAAAAGGGGGGAAAAGGAACAGGCAAGGGA AGGAAGAAACAGACCAAAAAAGGAACGAAGGAAAAACCCGGAGGGAAGGG AACAGAAGGCAAGGGGGCCACGGGGAGGAAAGGAGAGAGGGGAGAAAGG CGGAGGAAGGACAAGGAGGGAACCAAGGGGAAGGAAGGAATTGGAGAGAA AAGAAAGGGGAAGGGGGGAACCAAAACCAAAAAAAAAGCCCCGGCCCAGG AA $\operatorname{A}$ GAAGGGGAAAAGGGAGGGGGGGGAAAAAACCGGAAGGGGGGAAAAA

AGGAAAAGGAAAGAAAAAAGGAAAAGGGGGGGGAAAACCGGGGAGAAGAC AGGAGTAAAGAAAAAAAAACCAAACAGCCGAAGAGGGTACCGGGAAAAAA AGGGGGACGGGGGAAGGAGGAACATGAAAAAGGAAGAAAAGAAGGAACAA GAGCAAACCAAGGAAGGAGGGACGGAAGAGGGGGGCCGGAAGGGGGGGG GAAGGAAGGAGAGGAAAGGGCAAGGAGGAGGAGGAAGGGGAAAAGGAAA A G G G G G G A A G GAA G GAA G GAAGGAAAAAAGGGGGGAAGGCCAAAAAA G G GGCCGAGGGGAAGGGGGGGGAAAAAAAAAAAGGGAAAGGGGGAGGGGGGC CAAAGACGGGAAGGAAAGGAGGAGAAAGAAACCGGCCAAAAAAAAGAAAG GAAGGGGGGAAAAAAGGGGAAGGGGAAAAGGGGAAAACCGGAACCAAGGC CGGAAAAGGCCAAGGGGGGGGAAGGGGGGAAGGAAAAAAGGCCGGAAGG G G G G G G G GAA G GTTGGGGGGGGGGGGAAAACCCCAAGGAAAAAACCGGA A G G G G G G G GAAAAAAAAGGGGAAGGGGGGGGAAAAGGAAAAAAGGGGAA AAGGAAAACCGGGGAAAAAAAAGGGGCCGGGGAAAAGGAAAACCAAGGAA GGAAGGAAAGGGCCGAGAAAGGAACCAAGGAAAAGAGGGGGGAGGGAGG AGACCGCGGGGAAGGAGAAGAAAGGGGAACCAGGAAACGAAAGGAAGGAA GGGCAAAAAAAAGAAAAGGCCCAAGAAAAGGGGGAGGGGGAGAGAAAGGA GAGCAACGAGAAAAAAAGACCGAAGGGAAGAGAAAGGACACTTAAGGAAC CAAGGAAGGCAGAAGGAAAAAAGGGGATAGAAAGGAGGAGACAGAGAAGG GAGGGAAAAGAAAGAGAGGAAAAGGAATTCCACGGGGAAAACCCCGGCCG G G G G GAACCGGAAAAAAGGGGAAGGAAGGGGGGCCCCGGAACAGGAAAAA AAAGGAGGGGAGGGGAGGGAGGAAGGAAGGGGGAAAAGGAGAGAAGGAG
 GAAGGAAGACCACGGAGGGGAGGGGCCAACCAAGGAGAGGGAAAGTAGGA AAGAGGAGACAAAAAGAAGGGAACAGGGGGGAAAGTTAACCCAAAAAGGA AAA G GCAGAGAGGACGGAAAGAGCCGGGGGGGAAACCCCAAGGGAGGGAC CGGACAAAAGGCCAACCGGGGAAAGAGCCAAGGGAGGGGGGGACCGGGG GGGAGGAGCAAAGGGGAAGGAAAACCAGAGCAGGGGAGGAAAGGCAGGA AA $\operatorname{A} A A G G C C A G G G A A A A A A G G A A G G G G G G G G G G A G A A G G A G G G G G G G G G$ GATTAAGGAACCGGGAAGAAAAAAAAAGGAGGAAAGAGGGAAAAAACCAG AAAAGGCCGGAAGGGAAAAACCAAAGAACCAAAAAGGGAGGGAAGGGGGA GGCCGGCAAGGAAGGGAGAAAAAGCAGGAACAAAAACCAGAGGGAGGGCC AA $\operatorname{A}$ GAGGGGAGGGGGGAAAAAAA A A A G G GCCGGGAAGGGGGGGGGGGGGA AA G GAGGGAGGGGGAGGGGAAAAAGGGAACCAGGGGACAAAAGGAAAAA GAGGAACCGGAATTCCAAGAGGAGAAAAAGAGGGAGGAGAGGAGGGGAAA G GAGCCCAGACAGGGGAAGGAAGCAAGGAAAGAGAGGAGGAAGGGGGGG GCAAAGAAAAGGAGAGGAAAAGGGGGGAAGAAAAACCAAAAAACCTTCCG GGCAAAAAAAGGGAAAAGGAAAGGACCAAAAGGAGAGGAGAGAGAAACCA AGGAAGGAAGGAAAGGGAAAGGAGGGGAGAAAAAAGAAGGGGAAAGGGG GAGACAAGGGAGAGGAAAAAAGCCGAGGAGGGAAAAAGAAGAGAAGACAG GGGACGAAGGAAAAGGAGAGGGGGAAGGAGGGGAGGGGGGGGAAGGGGA AAAAGGGACGGACAAAGGAGGCCGAGCAGGGAGGGGAGGGGGAGGGGAA AAAAAAGGGGAAGAAGAGAGGAGGGGGGGGGGCCAGAGGAGAAGAGGGG GCCCCGGGGGGGGAAGGAAAAAAGGCAAACCGGAAAACCAGGGCCGGGGC AGGAGAGAAGGGAGGGGGAAAGGACACACGAGAGAAAAAACAAGGAGGAA CAGAACCAAAGGAGAGGAAAAAGACAACAGGGGAAAAAAGGGGGAGGAGG ACCAAGAGGGGAGGGGGCCGACAGAAGGAAGCCAAAAAAAAGGGGGAAGA GCCAGGGAAGGGGGGGGAGGGAGAGAGAGGGGGGGGGCCGGGGAAGGGG GGGGAGAGAGGAAAAGAAAGGGGGGAGGGAAAGGTTAAAAAGAGAGGGA AAAGAGGAGGGAGGAGGCCGACCACAAAAAGAGGGAAACAGAGGGGGAAA GAGAACCGGCGGGAGAAGAGAGAAAAGGGGACCGGCACAGGGAAAGGAAG GAAGGGGCCAAAAAGGGGGCCAAGAGGGGAAAAAAGAGGAAAAGGGAGG GGGAACAACAAGCCAAAAGGGAAGGGGGCCCCAAAAAACAGGGGGGGGGA GATAAGGAGGGGGGGGAAAGGGGAAAGGAAGGGGAGGAGGAAAAAAAAA AAAACAGAAAAGGGGGAGAACGGAAGGAAAAAAGGGGGGCCAGGGGGGG GGAAGAGAGGCAAAGAAAAGAAAAACACGGGGGGGGGGGGACAAAGACAC AAGGGGAAGAAGAACAGGCAGGGAGGGGAAGGGGAAGGAAGAAGAAAACA ATGAGGAAAAGGATGAGGGGCCAGAGGGCCAGGAGAAGGGAAGGGGGGG GGAGAGAAGGAAAAGGAAAACGGAGGGAGGAAGAGGGGAGAGGAAAGGA GGAAGGAAGGAAAACCAAACAGAAACAAAGAGAAAAAGCCAAAAGGAAGA GGGGCCGGGGAGGAAAGAAGAAAAAGGGAGAAGGAGAAAGAGCAGGATAA G G G G G G G GAGAGGAAACCAACAAGGGGGAAAGGGAGAAAAAAAGACGGAC

AAAGGAAGGAGGGAAGAGCAAAGGGGATGAAAAAAGGGAGAGGAAAGACC AGAAGGGAAAAAGGGGAAAAAAAAGAAGAAAAAGGAAAGGAACAAGGAGG GACACCGGGGAACACAAAGAAGAACCGGGAAAAAGAAAGGAGAGAGAAGA TAGGCCGGAGAAGGGGAAGGAGAAGGAAGGCCCCGAATGGGAGGAAGGA AGAAAGAGAAAGGAACCGGGAGAAGAATAGGACAAGGGAAAGAACAAAAA AAAGGGGGGGGAAAGGGGAAGGAAAGGAAAAAAGGGGAAAAGGAACCGG G G G GAGGGGGGAAAGGAAAAAAGGAGCCAAGAGGAAAGGGAAGGCAAAG GAGAAGAAGGGCCGGAAAGAGGAAAAAGGAAAGCAAAGGAAGGCCAAAGG GACGGGGGAACGGGCAAGGGGAGGGGGGAAAGGGGGGGGGGCCGGAGGG AAAGGGGGAAGGGGGGGGGGGGAGAAGAAGAAAGGGGGAAGGAGAAAAG GAAAGCCAAGGAGCAAGAAAAGAAAGGAAGGGAGAAGGGAAAAGAGAGAG GAAAAACATCCGGGGGGAAGAGAGAAAAAAAGAGAGAGACAGGAGCAACC AAAGGAAAAGGGAGGGGAAGGGAAAGGGGCAGAGGGGGGAAAACCAGGA GGCCCAAAAGGGAAAGGAAAGGAAGAAAAAGACCAGAGAAAAGAAAAAGG AGAAAACCGGGGGACCGAAAGAGGAGGAGGGGCCGGAGAAAAGGGAAAAA AAGGAAGGAGAGAGGGAAAAAAAAGAGGCCGGAAAAGGAAGGGAAACCGG AGGAGAAAGGAGGGAAGGGGGGGAAGAGGGGGGGGAAAAATTACAGAAA ACAAAAGAGGAAGCAGGCCGGGGGGGGGGCCAAGGGGGGGGAAAAGGGG G GAA $\operatorname{l}$ GAGCCGAAGGAAGGGAAGGGGGATAACAAGAGAGGAAGGAACCCC AAACAAGGGGGAGAGGAAAGGGAAGGAGAGGGGAAGAAGGAGGGGAGGA AAAAAGGAAGAGGAGGACCCGGAAAGGAAAAGGGGCCGAGACCAGAGAGC
 GCAAAACGAACAAAGGGCCAACCAGGGCCGGAAGGGGAAGGGGCCCCAAG GCAAAGGAAGGAAGGAGAGAGAAAGGGGGGGGAAGAAGAGACCGAGAGA GGAGGGCCGGGGGGGGCCGAAGGAAGGAAGGAGGGGGGAAAAAGAGGGC CAAGGAAAGGGAGAGAAGGGGAACACAGGAAAAGGGGAAAGGAAGGAGAA GAGAAAAAAGAAAAAGAAATTGGAGCCAAACGAAGAAAAAAAAAAGGAAA AGGAGGAGAGGCGGGCCAAAAAAGGGAGACACCGAAGAAGGGGCAAGAAC A G G G G G GAGAAAAGGGGAAGAAAATCAAGAACAGAAGGAGGAGGGAAAAG G G G G G G G G GACAAGGAAAAAAGAAAGAAGGGCCGGAACCGGAACCAAGAA GAGGGAAATAACCCCGGGGCCGAGAGGAGGAAAAATTCCCCGGAGAAAAG GCCTTGGGGAGAAGGAAAAAAAAAGGACCGAAGGAGGGGGAGAGAGAGAC A G G GAAA G G G GAAGGGGAAAGACGGGGGGAAGGAAAAAAACACAACAAAA G GAAGAAAGAAAGAGGACAAGGAAAAAGAACCCAAAAGGAAGGAAGGGAG AACAAAGAAAGGGGGCAAGGGGGGGGGAAAAGGAAAAAACCAAGACCAAA AGAACGGAAAACCAACCGAGGCCAGAAGAGAAGGAGAACGGGGAGAAACA AAAGATAAAGGGAGGAGGAGAAGGGCCGGGAAAAAGAGGAGAACCGGAAG GCCAAAGGGAGTTGGGGAAGGGGACGGAGGGGGAAGGAAAGAGCAGGGG CCAAAAAGAAGGAGAGGAAAGAAAGAAAGGAACCCCAAGGGGAAAAGGGG CAGGAGAAAAAAAAGAGGGGCACCGAGGACGAAGCCAGAGGACCCAGGGA GAGAAGGGGGAAGGAAAAGGGGAAGAGAGGAGACGAAAGGAACAAGAAAA AA G G G GAGAAAAGGAGGAAAGAGGGACCGAGAAGCAGAAGACCCGGGGG GAAAAGACAAAGACCGGAACCCCCCAACCGGAAGGGGTTAAGGCCGGGGG GAAAAGGGGGGAAGGAGAGCAGAGGGAAAGGAGAAGAGAAGAGGGAAAA GGGGGGTTAAAACCGGAAAGGGGGAAGGGGGAGAAAAAAGGAAGACAACC GGAAGGGGGGACAAAAAGAGAATTGAGGGAAGAGAACAAAAAAAAAGGGG AAAAGGACAAAGCGGGAAAGGAGGGGCCAAAACCGGGAAGGGGATAGGGG GAGGGGGAGAAAAGGGAAGACATTAAGAGGGGGAAGGGAAGGAAAGAGA AGGAAACAGGGAACCCCAAAAAAAAAAAAAACCGGGGAAAAGGAGAAGAG GAAAGGACAGGGACAAGAGACGGAAAAGGAGCGGAAAAAGAGGAGCAGAA G G G G G A A CAAGAAAGAGGGAAAGAGAAAAGGCCAAAAAAGGGGAAAAATG G G G G A G G G GAA $\ln$ G GAGAGAGGGAAAGGGGAAGGGGGAACGGAAAAGAGG CCGGAGGGGAGAACCCTTGGAAAGGGCAGATTAAGGGGAAAGAGCAGGCC G G G G G G G GCCGGAGAAGGCAAACCGGAAGAGAAACCGGGGGGCCGGGGG AAAGAACAAGGGGAAGGCCAACCGGCCGGAGGAAGAAAAAGGGACAAAAA GGGAAAAGGGAAAAAGAGGGGCAGAGGAAAAGGGGAGGGAAGGGACCAG AAAAGGAGGGCCAGAAGGGAGGAAGGAAGGAACAGGAAGGGAGGAGGAG AGGACCCAGAAGGAAAACCAAAAAAGGGGGGGGGGAAAAGGAACCAAGGA AGGAACCGGAAAACCAAGGAAGGAAAACCCCGGGGCCGGCCAAAAAAGGG GAACCAAGGGGGGAAGGGGAAAAGGAAAAGGAAAGGGAAACAGAGGGAAG GGGGGAAAAAAGGAAAAAAGGAAGGAAACGAGAGAGGGGAGGGAAAAAAA

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 AAGGAACCGGAAAGAACCCCGAGGAAGGACCCAAAAGAAAGGCAGGAAAC AA G G G G G G G G G G GAGGGGAAAACCAGGAGGAGGGAGAGAGGAAAAACAC A G GAGAAGGAAGGGGGAAAAGAGAAGGGGAAGGGGGGGGAGAGGAAAGA AGAAGGAAGAAGGAAAGGAAAAAAAAGGCCAGGAGGGAAGAAGAAAGGAG A GAGAGAGGGAGGGAGGGGAAGGGAAGGGGGAAGGAGGAAGAGGGGAAA GGGGGGGGGAAAAGAAACCAGGAAGGAAGCCAGGAAACCGGGGCCGGAG GAAGGGCGAGGGGGAAAGAACCGGGAGGAGAGGGCCAGAAGAAAGAGGG GAGGAGGAAGGCAGAGAAAGGGGAAAGAGGGAAAAGACCCCACGGCCCAA C G G G GAACCAAGGGGTTGGGGAGGGAGAAAGGAAAAAGACAGGGAAGTTG A G G GAGGGGGGAGAGAGAAGGCAAGACAAGAGGGGCCGGAGGGAAAACC AA $\operatorname{l}$ GGGGGAAGGAAAAAGGGGGGAAGCCAGGGCCAAGGAGGAAGAACCAA GACCACCCAACAAACAACAAAAGGAAAAGGAAAGGGAAAAGGGGACAGAG AACCAAGGAGGAGGAGAGAGGGGGACGAAACCGGGAAGGACCACAGAAGG AAGGAACCAACCCAGGGAAAAGGAAGAGGAGGAAGGCCGGCAAAGGGGAA AAAACAAGGGACGGCCAGAAGGAGCGGAAGGGGCAACCGGGGAGAAAAGG AACAGGACAGAAGACAGGGGGGGAAAAAAGAGAAAACAGGGGAGACAGAA GAGAAAGGAGGAAGGGAAGGGGAAGGCCAAAAAAGGAAGGAAGAGGACG GAAGGGGGAGGGGAGAAGAAGCCGGAAAGAAAGGGGGGGAAAAAGGGAA GAACGAGGCCGGGGAAAAACAAAAAAACGGGGATGGGAAGCAGAGAAGAA GGGGACGGAAGAGGAAGAGGAAGGAAAGGGAAAGGGGGGAGAGAGGCCG AAAAAGGAAGAAAGGAGAGAAGGGGAGGGGGAGGGAAGGAGGGGGAAGG GGGGAAAAGGGGAGAGAAGGAAGGGAAAGGGAAGGAAGAAGGAGAGGGG A G GAA $\operatorname{AAAAGGGGCCGGGGGCAACCGGGGGAAGACGGGGGAAAGAAAGA~}$ GAGGGGGGCAGACCACAAAAAGAGGGGGGAGGGACACCAAAGAGGGGACC CCAAGGGGAGAAAGCAAAAGCAGGGGAGAGGAGGACGAGAAGAGACGGAG GAGAGAGGAAGGGAAGAGAAAGAAGGGAGGGAAAGGAACCGGGGAAGGA GCAGGCCAAAAGGAGGGGGAGGGAAGGGAAAAGGACAGAGGGGAAGGAC G G G G G G GAGGGAAGCAAAAAACAAGGAAAGAAGGAGGGGGAAAAGAAAAA AGAACCGGAAGGAAAGACAGGGACAAGGACGGAAGGCCAAAAAAAGGGGG G G G G G G GAAAGGGGGAGAACGAAAGGGGGGAAGGGGCAAGGGAAAGACA AGGGACAGGAAGGAAAAAAGAAAGGAGGAAAAAGGGGAAGGGGAAGGAAA GAGAGGGCCAGGGGGAACCAAAGGAGGAGGAAGAAAAAGAGAGGGGACCA A G GAA $\operatorname{A}$ GGGGCGGGGGAGAGGGGGAGGAGGGAAGGGGAAGAAGAGGGAG AA $\ln A \mathrm{~A}$ GGGGGAAGGGAAAAAAAGAAAAGGAGGAAAAAGGAGGGGAGAAGG GGAGAAATAAGGGGAAGAAGCCCCAGAGAAAATTGACCGGATGGAAAAAA GACCAAGAAAAAAAAAGGAAGGAGCAGGCCGGAGAGAAAGAGAGACGAAA GACCGAACAGAAGGAAGGAAAAGGGGAAAACCAAAGGGAGAACACCCAGG TACCAAAAAGAAGGGGGGCCAACCGGGGAAGGGGGACAAAAAAAAAAGGA GAAAGGAGAAGGAAGGAGCGCCAACCAAAACCAAAGAGAAAGAGGAAGGA AGGACCAGCCGGACAAAAAAAAGGAAAGAGGAGGACAGAAAGGGGGGGCA AA G GCGCCAGGAAGAAAAAGGAAACCAAGGGGGGGGAATTAAGGGGAATT G GCCAAAAGGGAAAGAGGGACCAAGGAAAAGGGGACGAGAGGGGGGGGG G GAGGGAAGGGAGGGCAGAGGAAAAGGAAGGAAAACCAACCGGAAAGAAG AGAGGAAGGAAGGAGGAACAAAGGGAAAGAGCCAGAACAGGCAAGGGAAC CAAAGAGGAAGGAAGGGAAAAGGCCTTAAAAAGACAAAAGGGACCAGAAG GGAAGGGGGGAACAACAAGGAGGAACCGGGGGGGAGGAAAGGCGAGGAA G G GAGAGAAAAGGGGAGGCCCAAGGAAAAAGGGGGGAAGGAAGGCCGGA AA $\operatorname{GCC} \mathrm{C}$ GAGAGAGGGCAAGGAGGAAAGGAAAGGGGGAGAGGGGGGGGAA G G G G G G G A A GAGGGGAAAGGACAAGGGAAGAAAGGACCGAAAGGAAAGA AAACCCCAAGGGGGGGGAGTAAAGAAGGAAGAGAGGAGGGGAACCGGAG G G A G G G G GAGAGAGGAAGAAGGGGACGAGGAGGGACGGAGAAGGAAGGC

CAAGAAAGGGGGGGGGAAGCCCCGGAAGGAAGGCCAAGGAACCAACCGGG GAAAAGGAAAACCAACCAACCAGAGGGAAGACAGACAGGGGAACCAAAAA AGGGGAAGGGGAAGAAAAGCCGGAACCGGGAAAGGGGACAAGGCCAGAAG GAGGGAAAGAGGAACAACAAGGGGGAAGGACAAAAGGGAGGGGGGGGAA GGGACCGGAAAAGGCCAGGGAAAAAGGAAGGGGGGGAGAGGGGAAAGGA A G G AA G GAAAA GAAAGGGGGAAAAAAAGGAGAAAAGGCCGGAAGACCGAA GATAGGAGAGGGGAAGGTTAACCCAGAGGACAGAGAAGGAAAAGGCAAGA CAAACCAAAGGGGAGAAGGGGGAGAGGCCGGAGGGAAAAGGGAGGAAGA G GAAAAA $A$ AA G G G GAAAAAAAAA $A$ AGGAAGGCCGGCCAGGGGGGGGGAA G G G G GAGGATTACAAGGGGGGGGGGGAGGGGGGGGAAACAAGGGGAGAG GGAAAAAAGGAGGGGGGGCAACAAGGAACCACGGAAGGCAAACCGAAGAA GGGAGAGAGACGAGCCAGGGGAAGCCAACCAAGGAAAAGGAAAGCCAGGG A G G GCCAAGGGGGGGAAAGAGAGGCCGGGGGGGAAGCCGAACGGGGCCA AA G G G G GAAGGAGGAAGGAGAGAAGGGAGAGAGACAGGAGGAAGGAAGG GGAAAAGGGGAAAAGGGGGGAAGGGGAAGGCCAAAAGGAGAAGGACGAA GGGAAGGAGAGAAAGCCGGAAGGGAGAGGGAGAAGAAAAGGAAAGAGGA AAAAAAAAAACCAAGGAGGAAGGGGGGGAAACGGAAGGAAGGAAAATTGG GGAAGGGGGGGAAGGAAAGGAGGAACAAAAGGGGACGGGGGGAAAAGGG GCCGGGGCCGGGACCCCAAAAGGGGGAGGAGAGGGGGAAGAAGAAGGGG AAAAGGAGGGAAAGGAAGGAAAATACAGAAAAGGCCGGACAAAAAAAAGG A G G GAA $\operatorname{A}$ GAGGGGGGGCCGGGGAGAAGGAAAAGGAACCAAGAAGGGAAA AAAAGAAGGGAAAAGGGAGAGGAAGAGGACCAAGGAACCGAACAGGGAAA CAAA G G G G G A GCCGAGAAGGGGGGGAGGGGGCCAAGGGGAAGGGAGGCC GACAAGAGGAGAAAAAGAGAGAAAAGCCAGGGGGCCGGGAAACAGGAGGA TTAAAAAAGGAAGAGGAAGGAAGGGGAGGGGGAAAGAGACGGGGAAAAAA G G G G GAAGGAAAAAGGAAGGGGGCAGTTAAGGAGAAGAAAGGGGAAAAG GGGAAAGAAGGAGAAGGAAAAGAAAAGCCAAAAGGAGCAAGGGCCGGCCC AGAAAGGAGCCACGAAGAGAAAAGGAAGGGGAACAAAGGACGGGGAAAGG AA A AA G GAAGAGAGGAAGGAAAGGGGGAGGAGAAGGGGGCAGACCGGGG AGGGAGAGCCAAAACCAAGAAGAAAAGGGGCCGGGGGGGGGGGGAAAAAA GGAAGGCCAAAAAAGGAAGGAGAGACGGGAGGAAGGAGAAGGAACCAAGA AAAAAGACGGAAGAGAAAGGGGCCCCCCCCAAAAAAGGGGAAAAGGGGGG GAGACCGGGGAAGAAAGGGAGGAAAGCAGGGGAAGGGGGGGAAGAAAAG GAGAAAAGGAGGAAAAAAACCAACCGAACAAAAAAGAGGGAGGGGAGAAA AGGAAAAGGCCCCGGAAAAGGGGAGACAAGGAAAGGGACAGCAAGCACAA GAAGGCAGAAGAGCAGAGGACGAGGGGGGGGAAGGAAGGAAAAGGGGGG GGGAAAAAAAAAGGAGTTAAGGGGGGAGAAACAAAGAGGAGAGAAAGGAA AA G G G G G GAA GAAAGGCGTTAAAAAAGGGAAGGGGGGGGAATACAACCAA A G G G G G G GAGAAGGTAAGGAAACAAAGGAGGACCAGAGAACCAAGAAGAA GACCAAAAAAAAAAAAGGAAAGAAAACCCAGAGACAAAAAAGGAAAAACCG AGGAAAAGGAAAACCGAACAGCCGGAAAGAAGAGAGAGAGGAAGGGGAAG GCACCGAGGCCAAGGAAAAGGAGAAGGACGGGGGGGAGACAAGGAAGAGA AAAAGGAGGCCAAGGAAAAAAAAAAGGAAGGGAACGGGGAAAAAAAAGGA AGGGGAACAGAGAAAAAGGAGAGGAGGGAAAAAGGGAAGAAGGAAGGAAA AAAAAGAGGAAGGCACCCCGGGAGGAAAGAGGAAGAGAGAGCCGGAAGGA AAGCAAGAGAAGGAAAAGAGAAAAGAGGAAAGAGAAAGGGGGGAAAAAAA GGGAAAGAGAGCCAGGGCACCGGGGGAAGCCACGAACAAGAAGGGGGGG GACCAACGGAAGGGGGAAAACCGAAAAAAACCGGAAGGGGCCGAGAGGAA G G G G G GAA G G T T G G G G G GAGGAAGGGAGGGGGGAAAGGGGACGGAAAGA G G A G G A GAA G G A GCCGGAGACAAGGGGGGGGAAAAGGCCCCGGGGAGAA G G G G G G G G A A G GCCGGAAAAGGGGGGAAGGGGGGAGAGCCAAAACCAAG GAAGGAAGGAGCCAAACGGAAGGGCGGATAAAAGAGGAGCAAGGGGGGG AACCGGGAAAAAGGAAGGCCGGAAAAGGAGGGGGGGAAGGGGCCGGAAA GAAAGAACAGGCCAAGGAAAAGGCCAAAAAAAAGGGGCCAACACCGGAAG GAGGAAACACCGAAGAAAGAAGGAGAAAAAAAAAAAAAAGGGGAAGACAG AGGGGGGCCAGCAAGAGAAAAAAGAGAGGAGGGGGAAGAGGGACCAAGG A G G GAGGGAAGAGGGGCGCCGGAAAAGGAAGGAGGAGGGGGGGAAAGGG GAGAAAGTAACAAGGGAAAAGAAAGAAAAAAAGCCAAAACAAACCAAGGG GGGCCGAAAAGAAAAAACAAAGAGGCCGGAAAGGGAGAGGGAACACCAAA AAGCCAGAAGAGGCAGACCAAAAGGAAAAGGGGGGAGAAAGAAATGGAGC ACAAACCAGGAGGAAACGGAGAGCCGAGACCAAGAAGGGAAAAAAGGAGA

G G A GCGGGGGGAACAGAAAAGGGAAGGGGGGGGGAGAAAAAGACCGAAA AAACGACAACAGAAAAAACAAGAAAGGGGAGGAAGGAAAAGGGGAAGAAA CAAAGAAGAAGAAAGGGAGGGGAAGGCGAAAGGGGGGAGGGGAGGAGAG GCCACGAAAAAAAAAGGAGGGGAAGAGATAAAAAACCAGGGGGAAAAAGG GAACCAGGGGGGGGGGGGGAAAAAAGGAACAAGACGGAGGGGGAAGGAA AGGAAAGACCGGCCAAGGGGAACCGGAGGAAGGAGAAAGGAACCAGTTGG AAGGAAGGAAAAAAAGGAAAAAGGGAAAGGAAAGGGAGAAAAGAAAGGAA G G G AAA G G G GAGAAACGAAAAATAAAGGAAAAAGAGGGCCGGAAGGAAGG AAAAAACCAAGGAAAAAAGGAAAAAAAAAACCCCGGAAAAAAGGGGGGGG AACCAAAAAAAAAAAAAAAAAAGGCCGGCCAAGGGGGGAAAAGGAAAAAA AAAACCAAGGGGGGAAAAAAAAGGAAGGAAAAGGAAGGGGGGGGGGAAG GAACCGGGGGGAAGGAAAAAAGGGGAAGGAAAACCGGCCAAAAAACCAAG GAAGGGGGGGGAAGGAAAAGGAAGGGGGGAAGGCCAATTAAGGAAAAGG GGCCAAGGAAAAGGGGAAAACCGGGGGGAACCAAGGAAAAAAGGGGGGAA AAAAGGGGGGAAGGGGGGAAAAGGGGGGAAAAGGAAAACCAATTGGCCCC AACCAAGGGGCCGGGGCAGGAAGGGGAAGGACAAAAGGAAAAGGAGGGAA CCAGCAAGTTCCGGAAGAAGCCAAGAGAACAGAGAGGAGGAGCCGAAAGG AGCCGGAAAGGGGGAAGGAAGGAAAGGGAGCCGGAAAGAAAGACAAAAAA AGAGACCCTAGGAAGGGGAAGAGCGAAGCATAGGAGGGCAGAGGGGAAAA AA G G G GAAGGGGGGGGAAAAAGAGAAGAAAGGAAAAACGGAGGCAGGGA G GAAAGGGGAAGGAGAGAAGGGGAAAAAGGGAAGGGGAGGGCCGGCCAG AAAACCACGGGAGGAAAAAAAAAAGGCCGGAAGGGGGACCAACCGGGGGA GAAACCGACCAAAGGGGGCAAGAGAAGGGGAAAAGGGGAAAGCACCAAAA GGGGTAGAGGGACCAACAGAAGCCGGGGGGAAGAGAGAAACAGGGACCG GCCAAAAGAAAGGAAAAAAAAAGGAGAAGGAAGTAGGGGAGAAGGGGAAG GAAGAAAGGGGGGAAGGGGGAGAAAAGGGAAGAACAAAAGAAAAGGGAAC CGGAAGAAAGACAGACCAAAAAAGGGGGGAACCAAAAGGGGAAGAGAGGA AGAAAAATTGGCCAGAGCCAAAAGAGGGGGGAAATGAGGCCGGAAAACCA AGGAAGGAAAAAGAACCGAAAAGAAAGACACGAGAGAAGAAAGGGAGGAA AAGGAAAAAAAAAGGCAGGACAAGGCCAAAAGGCCAAAAGGGGGGAAGAA GACGGAGAGGGAAGAGAGAGAGACCGGAAGGAGAGAAAGAGAGGAAGAAA AAAGGAGAAGAAAAAGGAGGGAGGAAAAGCCATGGGGGGAAACGAAAAGA AA $\operatorname{HAAAA} A \operatorname{A} \operatorname{A} \operatorname{GAGCCAGGGGGGGAAGAGGAGAAGAGGAGGGGAAAGGAA}$ CGCCAAGGAACCAAAGAAAAGGAAGGCCGAGGCAGGCCGGGATAGGGGAA G G CCGGAGGGAGAAAGAAGGGGAGGACCGACCGGCCGGCGGGGGCAGGG G G AAA $A$ A G G GAGGAAGGGGAAGGGGAAAGAAGGGGAGAACCAAGGAAGA G GAAGGCCCAGAAAGGGAGGAAAAGAGGAAGGAAAGGGAAAAGGAACCGG G G G G G G CC G GAA $\operatorname{l}$ GGGAAGGAACCGGGGGGGAGGAAAGCCGGAAGGCAA GAGGGGGGACCAGAAAAGGAAGGGGGGAAAAAGGACCGGCCAGAGGGGG AAAAGGCCAGAGGAAACCGGAGGAAAAGAAAAAGAAGAAGAGGAAACCAG GGGGAAAAAGAACCGGAAGGAAAGGGGGCCAGAACCAAGGAAAAAAGAAC CCAGAAAGAGACCCAGCACCCCAAAAGGAGAGAGAAAGAACCAAGAAAGG AA $\operatorname{A}$ GGGGGCCGGCCAGGGGGCCGGAAGGAGGGGGAGGGAGGAGGCCTTA GAACGCCAAGGGGGGGAAAGGCGGGGGGACGCAACAAGGGAAGGGGGCC AGAAGGGGGGAAGAGGAAGGAAAGGGGGGGAAAAAGAAAGAACCGGAAAA GGAAGGGAAAAAGGAAGGAAAAAAGGAAAAAAGAGGAAAAAAGGGGAAAA AAGGCCAAGGAGAAGGGGGGAGAGAGGAGACCAGAAGGAGGGGAAGCCC CGGAGAAGGAAAAGGCGGGGAGGAAAGGGAAGGGGAAAAGAAGGAGACA G GCCACGGACCCGGGGAGGGGGCAGGGGGAAAGGGGACAGGGAAAGCCC CAAAAAAAAACAAAAAGGAGAAGAAGGGGAGCAGAAGGGAACCAGAAGGA G GAA G G GAAAAGGGACCAGAAAAGAGAGGGGCAGAGGAAGAAGAAAAGGA AA $\operatorname{A} G \mathrm{GGGGGGAAACGAGGACGGGGGAAAAAAAGGAAAGAGAAGGGGGGGA}$ AGGGGAAGAGCCAAAAAAAAGGAAAAAAAAGGCAGGGAGAAGGGAGGAGG AA G GCCGAAAGGCCAGGGGGAAGGGGGAGGGGAGGAAAAGGCGAGGAGG G G G GAGGAGAAGGAGGGAAAAGAGGGACAGAAGGAAACCAAAGGGAAAAA AGAAGAGAAAGAGACCCAACCAAGGACGGCCGGTTGGGGGGGGGGAAAAA GAGAGGAGGGAGGAGAGGGGGGAGAGAGACAGAGGAAAAGGGGGAGGAA GGGGAAAAGGAAAAGGGGGGCCACCCGGGGGAGGAAAAGAAGAAAGAAG GGGAAAAGAAAAAAGAAGGGAAAGGAACCGGAGAAGGAGAGCCAGGGGGA GGGGAAGGAAGGAGGCCAGAATAAGACGGAGAGGGAACCGGAAGAAGTTG AAGGAGGAAGAGAAAACAGGAACAGAGAGGGAGAAAACCAAGGAGGGCAC

CAGAAAAGAAAAGGAAAAGAGGACCAAAAAGCCAAGAAAAACAAAAAGAG GAAGGAACCAAAAGGGGAGGAAACCAAAAAACCAAAAGGAAAAAAAAGGA AGGAAGGAGGAAAGGCAAGAGAGGGGGGGGGGGGAACGGAAAGAGAAGG GGGGGAGAGGAAAAACAAGGGGGAAAAGGAAAAACAAAAAAAGACAAAGA GGGGGACAAGGAGGGAAGAAAGAGAAAGAAGAGAAAAGGAACCAAAAAAA AACCGGGGGGGAAGGGCCGACCGGGGCCAAGAGACAGGAAGGAAAAAAGG GAAAAAGGGGAGAAAGGGAAAAAGGAAGGAAGAAGAGAAGACGGGGGGG GAAGAGGGAACGGCCGGGAAGAGAGGAAAAGCGAAGGGAGAAGAGAAAAA AGGAAAAGGGGAAAGTAGAAGAGAGAACCCCAAGGAAAAAGGGCAGGCCA GAAGAAAAAAAGGCAGGGGAAGAAGGGGAGAGACAAGAGAAAGGGAAGAC CGGAAGGGGGGAAGGGGGGGGAAAAGGGGAAAAAAGGGGGGAAAAAAGA GGGGAACCGGGGGGAGAAGGGGCGGAGAAGAAAGGGAGAGGCAGACCGA AGGCAGAGGAAAGAAAGGAAAGAAGGAAACCAGACCCGGAAGGGGATAGA GGAAAAAGGAAGGGGGGCCAAGGAAGGAAAACCAAGGCCGGAGGGAAAAA AAAAGAACCCAGAGGGAAAGGGGCCAGCCAAAAGGAAAGAACAAGGAGAG GGAGAGGAGGGAAAACCGGAGAACCCCAGCAGGAAAACCAACCGGGGAGG GAAAACCAAAAAAGGAACGAAGGCCAAAGGGGGGGAGGGAAGGAAAAGGA AA $\operatorname{la} A \mathrm{G}$ GAGGAAGGAAAAAGGGGGCCGAGGGGCAAGGAACGGCAAGGGGG AA G G GGAAAAGGCAACAGAAAGCCGAGACCGAAGGGGGAGGGGGGGCCG ACCCGAAAAGGGGGGAAAAAAAAAAAAAGCCGGAGGGCACCAAGAGAAGA CTTGGAAAAACCAAAAGATAAATGAAAAAAAGAAAAAGAGGGGAAGGAAA AGGGGAAAAGGAAAAAAAAAAAAGGGGAAAAGGCCAAAAAACCCCCCGGG GAAAAAAGGAAGGGGAACCAAGGAAGGAAGGAAGGCCGGACCCACGACAA GGGAAAAAGAGGGAAGAAGAATTCCAAAAAAGGCCGGAAGGAAGGACAGC CGGGGAAGGGACCAACAGGGACCGGAAAAGGGAACGGTAAAAGAGGAGGA AAAGGGAGAAAAGAAAGGGCAGGAAGAGGAAAGAAGGAAGGGGGGGGGG GAAGAGAAGGAAAGCCGGGAAAGGAAAAGCGGGAGAGGCCGGAGATAGAC GGGGGCGGCAGACCAACCAAAAGAAAGGGGAAAAGGGGGGAAGAAAAAGG GGGATTAAGAAGGGAAGGAAGGGGGGAAGGGAGGAAAGAAGAGGGAAGA AAGAGAAGGGGGGAAAGGGGGGCAGAAGGGGAAAAAGGGAGAGAAAAGA GGAAAAACAAGGAGAGAAGGAAAAGGAAAAAAGGATAGGAAGGACCCGGG CCCAGAAGAGGGGGAGGGAAGGAAAAGGGGGGGGAAAAGGAGGGGGAAA AAAGGGGAGGGGAGAAAAGAGGAGGGGAAGGAGGGAAAAGAGAAAAAACA AGGCCGGGGAGGAGGCAGAGGGAAGAACCGAAGGGAACCAAACAAAAAAG AA GAAATAGTTAACAGAAAGGAAAAGGAAGGCGGAGGAATTAAAAGAGAG GGGGGGGGGCCGGGGGGAAAAGGAAGGGGGGGGAAAAAACCAAGGGGAA AACCAAGGAAAAAAAACCGAAGGGGGCCGACCAAAACAAGACAAGGCACC GGAGAAAAGGAACCAGCAGACAAAGGGGAAGGAAAAGGGGAGGAAGAGAG AGAAAGAAGACACAGGAAGGAAACGAGGAGGGAACCGGAAAAGGAAAAGC GGAAAGAGAAGGGGGGGGGGAAGAGGAAGGGGCAAGAAGAGGAAAAAAG GGGCCAAGGGGAGAGCCACACAAAAAAAAAAGGGGCAGAGGGGCCAAGGG GAAAAGGGGAACCAACCCCAAGGAAAAGGAAAAAAGGAAAACCGGGGGGA ACCAAGGGGAAAAGGGGGGAATTGGAAAAGAGGAAGAAAGGAGAGGGAAA AAACCAAAAGGAGAGAGAGGGAGGGAGGGGGAAAAAAAAGGAGAAAAGGA ACCAGGGAAAAGGAGAAAATTGGGGCCAGGAAGACAACCACAAAACCCCA AAAAAAACCAAGAAGGAAGGGAAGGCAAGAACAGAGGAAAAAAGGGAAGG GGAGGAGAAAGGACCGGAGATGGGGAAAAGGGGGGAAGGAGCCAAAGGC AGAGGAGAAAGAGGAAAGGAAAGGAAGGCCAAAGAGAGAAGAAGCCAGAA GAAGAAACCCAGGGAGAAAAACGGCGGGAGAAAAAAAAAAACGGGGAGAG ACAGAGAAAAAGAAGGAAAAAAAGGAGGAAGGAAAGAGGGAAGGAAAAAA AAAACCCCAGGGGGGGAGGAGGGAGGAAAAAAGGAGGGCAAGGGGAGAA AAAAAGAAGGGAAGGGGGAGGGGAAGGAAGACCGGGGGACCTTGGGACA CAGAGGCCAAGGAGAAAGAGAAGGGGCGGACCGGAGGGAGTTAAAGAGG GGAGAGCCCGAGAAAGGGGGGGGAACCGGGGGGGGCCGAGGGGGGGGGG AA $\log$ GGAGGAGGGAACACCAAAGGGAAAAGGGGGGGGGAGAAAGGAAC CAAGGCCTTGGGGGGAGAAAAGGGGAAAGGGAAGGAAGGGAAAAAGGCC GAAAAAAGAAGAGGAAGGGGGGGGGGGGAAGGAGAAGGGAAGAAAAGGG GAGAAAGCAGGAAAGGGGCGGGGGAAGAGGGAGGGAGCCGGGGAACCGG AAAAAAGAAAAAGGAAGGGGAAAATTAAGGAGGGACAAGGGGGGGGAGAA GAGGAGGGAACCAAAAAGAAAAGGAGCCAAGGAAAAAACCCACCGAAAAA GAAGAATTAGCCTTGGCCAACCAAAAGGGAGAGGAAAGGAGAAGCAAAGA

G G G G G A A A G G A A G GAAGGGAGGAGGGGGCAGGAACCGGCCAAGGAAAGC AA $\ln A A A A A \operatorname{AAGGAAGGGGAAAGAGAGAAGGGAAAGGGGAAGACCGGAAA}$ ATTAAGGAAGAGGAGGGAGAAGGAGGGAAGGGGGGAAGGGGCCAAAAGG GGAAGGAAAAAAAACCCGGGGAAAAAAAGGGGGGGGGGGCGGAAGGGGA ACCCCCCGAAGGAAGAACCCCCAAGAGAGCCAAAAAACCAAGGGAGAGGA
 AAGGAAGGAAGAGAGAGGAAGGGGGAAGAGAAATAAAAAAAGGGAAAAGA AAAAAAAAAAAGAAGAAACCACGGCCAAAAAAGGAAGGGGAAGGGGGGAA A GACAGCCGAGAAAAAAAGGGGAGAAGGAACCAAGGAACCGGGAGGAAAA AACCCAAGACGGGGGGAAAACCAAAACCGGGGGGGGAAAGAGGAAGAGCG TAAACAAAAAGGAGGAAACCAAGGGGGAACGGAAGGAACCAAAAGGGGAC CAAGAAAAGGGGAAACGAGAAGAGGAAGAAAAGGGGCAGAGAAGAGAGGG AGACGAGGAAGAGGGAGAAGGAGAAGAAGAAAAAGGGAAGAAGGCAGGG GCAGAAAAATTAAAAAAAGGAGGAGGCGGAGGGAACCGACAGGGAGAGGG ATTAAAAGGGGGGGACAGAGGCCAAGGAAAGGGAAAAGGAAGGGGGGAA GGAAAAACGGGGCCAAAAGAAAGAGAAGAAGGAAGAAAGGAAGGGAGAAA AACCCCAGGAAAAAGGGGAAGGCCACAGAGGAAGGGAAGGGGGGAAGGGA GAAAAAACAAGGAAGGAAAAGGGGCCCCAGAAAGACAGTTAAAAGAGGGA G GA GAACCGGGAAGAGCCAAGGCAGAAGGGGGGAGGGAGAGGGCACAAG GGGGCGAACCAACACGGAACCTAGGGGGGGGAAAAAGAAAGGGAATTAAA A G G G GAA G G GAA G G GAAAAAGGAGGAACAGGGGAGGAAGAAGGGGGGAA G G G A G G G A AAA $\operatorname{G}$ GGGGAAGGAAAAGAACAGACGAGAAGGGGGAAAATTAA ACGGAAAACCGGGAGGGGCAGGGGAAGGCCAAAGAAAGGAGACAGAAAAA ATAGGGAGAAGGCCGGAAAGAAAGAGGAACGGAAAAAAGGGGACGGAAAA G G G G G G ACCAGAAGGAAAGGGGAAGGGGGACGGGACAAAAAAGGAAGGG GGGAAGGGACAAAGGAAAACCAAGGGAAAAGGGGGAACCAAGGAAAAGGA AAAAAAAAAAAGGAGAAGACACCAAACGGAAAAGGGGAGAAAAGGAAAAG GAGGGGGGACCAGGAGGGAAAAGACGGGGAACCGGAAAGGGACGAGGGG G G G GAGAGAGAGAAAGAAAAAGGGAGAAAGAAGGCCAACCAGAAAAGGAA GGAGGAGAGAGGGGAGGAAAAAGGGGAGAGGGGGAAAGAGGGGCGGAAA AA AAGGGGGCCGGGGAGAGGGACGGCCGGGAAGGGACGAATGAGAACTA G G GAGGGAGGGGCCGGAGAAAGGGGGCCAAAGAAAGGGGGAAAGAAGGA AAAAAAGACACAGAGACGGAAGGGGAAAAAAGGCCGGAAGAGAAAGGAGA A G GA $\operatorname{l}$ GGGAGAACAAGGGGGGCCAAGCAAAAGGAGGGGGAGAGGGAGGG ACGGAAAGGAGGGGGGAAGGGACCAAAAAGGGGGAGAGCCGGAAGGAGA AAAAATTAGGGAAACAAAGGGGGAGAAACCGAGGGCCACAAACAAAAAAG GGGAACCGGAGAGAGGGAAACTTCCAAACACAAAAAAGGAACAAACCGGA AGAGGAGAAGAAAAAAAAAGGAAACAGGAGGGAGGGAGAAGGAGAACACA
 GGGGGGGAACCAAAACCGGAGAAAGGGGGAAAGAGGGGGAACCAACAGGA GAAGAGGGGAAAAGGAAGGAAAAGGAACCGGCACCGAAGAGGGAGGGGA GGGAAGAGAAAAAAAACCGGAAGGGGAAAGAAGAGGAAAAGGTTGAGAAA GGAAGGGGAAGGAAAAGGAAAAGGGGAGGACCAAGGAAGGAAAAGGAAAA AAAACCAAGGCCAAAAAAGGGGGGGGAAAAAAGGAAGGAAAAAAAAAAAA AAAAAAGGCCGGGGGGGGAAGGAACCGGAAGGGGGGAAAAGGGGAAGGA ACCAAAAGGGGGGAAGGCCGGGGGGAAGGCCAAAACCGGGGGGCCGGAA GGAAAAAACCGGGGAAAAGGGGAAGGAAGGGGAAGGGGGGGGAAGGGGG GAAAAAAAAAAGGGGGGAAGGAAGGCCAAGGGGAAGGAAGGAAGGAAAAG GAAGGGGCCGGAAAACCAAGGAAGAAAGGAAAAAAAAGGAGAGCCAAGAG GCCGGTATTCCGGGACCAAGGGGAAGGAAGGAAAAGGGGGGAGGGAGAA A G G G G G A A A G G G G G G G ACGGAAAAAAGGCCAAGGGGAAGGAGGAGGGGG G G G G G G G G G G G A A G A G A G GCCGGGGAAAAAAGGAAGAGGGAGAGACCGG AAAAGAAAAAGGAGAGGGGAAAGGGGAGAAGGAGCCAAAAGGGGGGAAAG AGAAAGCCAAGAGGGGCCGGAGAAAGAGAGGAAGAAAGGAAGAAAAGGAG AAAGAAAAAAGAAGAAGGAGGGAACCACGGGGAAGAGGGGAAAAACAGAG AAAAAAAAAGGGGGCCCAAAAGAAGGAAGGAAAAAAAAGGAAGGCCACGA G GCCAGAAAGAGGGGGAGAACCGGAAAAAAGGCCAGAAGGAAGGGGAACC G G A A A A G G A G A A A A GGGGGACCAAGGCCCCGGAACCAAGGAAGGAAGGGA GGGGAGGGAAAGGGGGAAAAGGGACAAAGGGGCCGGGGCAAGAAAAAGG GAAGGGGGGAAGGCCGGAGAAAAAACCCCAAGAGGAGAAAAGGAAAACCG GACAGACAAATGAAAGACACCGGGAAAGAAAGGAAGGGGCCATAGGGGGG

GGAAGAGAGGGAAAGCCGAGGCCAGGAAAAATTAAAAAAGGAAGGAAAGA GGAAAGAGAAAAAGGGAAAAAGGAACCCCCCAAGGCCGGAAAAGGGAGAG GAAAAAAAAGGAACCGGGGAAAAAGAGAAAAAAGGCAGAGAAGAGACCCC AGGCCGGGGAAAAAAGGAGAAAGAGGAAAGGAAAAAAGGAAAGAAGAAGG AGGCCAACCGGAAGGAGAGAAGGGGAAGAGGGAAAAAAGAAGGAAGAAAA A G G AAAAAAGGACAAAAAGGAGGCAAAGAGGAAGAAGACGGCCAAAGCCG AAGGGGAGGCAGACAAGAGAGAGACGGACAGGAGGAAAAAAAAAGGAGAA A G AAA G GAAAAGGGACCAAGGGGAGGGTTGAGGGGACAGAAAAGACCGGA GAAAAGGGGGGGGAGAAAACCGGGGCCAAAAAAGAGGGAGGAGGGAAGG GGAAGGAGAAAGGGAGAAGGAAAGAGACAGAAAGACGACAGAAATTGGCC CCCAAAAACCGGAAGAGGGAAAGATAGGAGAGAAGGAAGGGGAGACGAGG AAAAAAAACCAAAGGACACCGGGGGGGGGGAACCGGAAGGCCAAGGAAGG AAAAAACCAAAAAAAAAAGGGGAAAACCGGAGGGAGGAAGAAGGGGGGGA AAGGGAGGGGAAAACCAAAAAGAGAGAGCAAAGAGGAAAGGGAAGGGGAA GGAAGGAAAGAAGGAAAAGGGAAAGGGAGGGGAAGGGGCCGGAGGAGAG GCAAAAGAGGAAAGAACGGGGGAAAGGAGAACCGAGAAGAGAGATGGGGA ACCAAAAAAAAAGGGCGCAGAAGAAGGCAAGAGAAAGAAGGGAAGGGCCA A G GAGCAAATTGGAAGGAAGAAGGACAGGCAAAAAGAGGAAAGGGAGAAC CAAAAAAAAGGCCAACGCCGAGGGGAAGAAAACGGGGAGAGGGGAAAAGA AAAAAAAAGAGAGGACCGGAAAGAGAGAGGGAAGGGAGGAACCGGAAGGG AGGAAGGAGAAAGAAAATTGAAAAGAGAAAGAAGGAAAAGGAAAAAAAAA GGGAAGATTACCCGGAAGGAACCCAGGAAGGAACAAGGGGACAAAAAACA AA G G ACAAAAAGAGGAGAAGGAAAAAAGGACAGGAAAAGGAGGGGGGAAG AA $\operatorname{GAGAGGGAAGAGGGGAGAGAGAGAAGCAAAAAAAAGGGAGGGGAAAAG~}$ A G GAA $\operatorname{A}$ G GAAAGGGGGGAGGGAGGGAAGAAAGGCCAGGAAGAGAGAGAG AA G G GAAAAAGGGGAAGGCCAAGAAAAGCCGGAAAAAAAGGGGGCCAGTA AAAGAAAAAAAAAAAGGGGAAGGGAAACAGGAGAAACAAACCAAACATAG AAAAGGAAGGAACCAAGGAAGGGAGGAGAAAGGACAGGGACCAAGGGGCC GATAGAAAGGGGCCAAGAGGAAAAAAAAGAAGGAAGAAGAAGGGGGGGCC GGAGGGAAGGCCACAAAGAAGGAGAAGAGGAAAAAAGGAAGAAGAAAAGG AAAAGGAACCGGGAAAAAGGAAACAGAAAGAAGGGAGAAAGGGGGAACAG ACGGAAGGAGGGCAAGAAAAGGAAAAGAAAGGAAGGAAAGGAGGAGGGAA CCGGGGAAGGAAGGAGGGAAAAGGAAAAGAGAGGGGGGGGAAGGGGGGT AAACAGGCCAGGACGGGATAGGGAAAAAAAGAGAGAGGAAAAAAAAAGAG A GA G GCCAAGGAGGGGGGGAGAGGGGGAACCAGGACAGGAAGGAGGAAA CAGGCCAAAAAAAAAAAAAAACAAGAAAGAAAAAGGGGGGGGAGGGGGGG AGGCAGCGAGGGCAAGGAAACATAAAGGGGGGGGAAACGGAAAAGGCAAA CCAAAAGAGGAAACGACAAGAAGGAGATAAAAAAAAAAGGGAGAGACAGA CAAATAAAGGAGGAAGAACCGGGACAAAGAAAGGAAGGAGAGAAGGGGAA AAAAGGAGGGAAAACCGAAGACGGGGGAGGAAGGGACGCCACAGGGGGG ACCAATAGGGAAAGACCAAAGGAAAGGAAAGTTACGGGGAACCAATTGGG G G G G G G G G GAAAAAGGGGGGGAAGGAGGGAGGACACAGAGGAGGGAAGG AACCAGAGAGGGGGAGAAGGCACCGGAAGAGAAGAGGGACAAAGAGGAAA AA G GACCCAGAGAAGGAAAAGGGGGAGAGGAAAAGGAAAAGGGAGAGGAA GGAACCAGCAGGAGGAAGAGAAAGAAGGGGAAAGAAAGAAAAGGGGGAAG CCGGAAAAGGGGGGGGGAAGGGGGGAGGCCAAAGAGCACAAAAACAAGG G G G A A G G AAAGGAGGCCAAAGGGAGGAAAACCCGAGGAGAAGGGGACCCA GGGAAAAGGAAGAGGAGAAAAAAGGAGAAAGAACCGGGGGGCCCCAAACG CCCAAGGAAAAGGAAGGAAAAAAAAAAGGAAGGGGGGCCAAAAGGAAGGG GAACCCCGGGGAACCGGGGGGGGAAAAAAGGCCGGGGAAAAAAAAGGGG G G G G G G G GAAAATTCCAAGGAAGGAAGGAAAAAAGGCCGGGGAACCAAGG G GAA G GAAAAGGAAAAGGAAAAGGGGGGAAGGCCAACCGGGGAAAAAAGG AAAAGGGGAAGGAAAAAAGGAAAAAAAAGGGGAAGGAAGGGGAAGGAAAA AA $\operatorname{G}$ GAAAAGGGGGGGGGGAAAACCGGAAGGGGGGGGGGGGAAGGGGGGG GAA G G G G G G A A A A G G G G G G G GAAAAGGAAGGAAAAGGAAAAAACCGGGG AAGGAAGGGGAACCGGCCGAAAGGGAAAGGAAAAGAGGAACCGAAGGGGG AGCCGACCGGCCAAACAAGAGACAAAAAAAAGGGGGCCCCGGCCAGAAGG CCAAAGAGGGAAAAGGAAGAGGAAAAAGGGGACAGAGGAAAGAAGGAGGG CCAAGGGGAAAGAGAGAAGGAAAGGGGGAGGGAAAAAAAAGGAAACAGAA AGGGAGGGAAAGCCGGAGCAAAGAAAGGAAGAAAGGAAAACCGGAAGAGG GGACAAAGGGAGAGGGAGGGAAAAAAGGAAGGCATTGGACCCGGCCGAAA

G G G G G A A A G G G G G G G G A G G A G G A A CCAGGGAGAAGGAAGGAAAAGGGGA ACCGGGGGGAAAAAGCCGGAGAAGGAAGAAAAGGGGGCCCAAAAAGGGAC CGAGAGGGAGGACGAGGGAAAGGGAAGGGAAGGGGGGAAGGGGAAGAAG CAAAAAAGGGGGGGGGGGGGGGACAAAAGAGAAGATAGAGAACCAAGGG GGAGGCAGAAAAAGGAAGGAACCAGGAAAAGGGCCAAGGAGGAAAAAGGA ACCAAGGAGAGGAGGTTAGATGAGGGGGGAAGGGGAGGGGGGGGGGAGG A GTAGAAAAGAAAGGACCGGGGGAACAGAGAAGGAAAGAGAGAAAAAGGA AAAAAGGGAAAAAAGGAAGGGGAAGGGGGGAAAAAAGCGAGGAAAAACCA CCGGGGGGGGAAAAGAAACCAGGGGAACGAAGGGAGAGGAAGAGACAACC CCAAGAAGGGGGCCCCCCGAGGCGCCAAAAGCGAGGAGGAACAGAGAAAA AGAGACACGGAAAAAAAAGAAGCCCCAAAAAAAGGACCGGGGAAAAGAAG GGAGGAGAACAGAGAACAAGAGAAGGAGGAACGGACAAGGCCAAAAGGGG AAAGAGAAGGGGACAAGGGGAGGAAAGGAAAAAGAGGAAGAAGAAAAAAG AGCAAGGAGAGGGGCCCCAAACGACAGAGAAGAGAACCGGGGGGGGAGG GAGACCAAGAGGGGGGGAAAAGGAAAAGAAAAAAAAAGGGGAAAGCCAAG GGAAAGGAAAAGGCCCCAAGGAAGGGACAGGCCAGGAAAGAGGAAAGCAA AGGAAGGAAAAAAGGGGACGACAGGGGCCAAACACCAAAAAAAAAAAACG GGAAACCAAAGCCGGGGCAGGATAGGGGGGGAGAAGGAAAGGAAGGAAAC CGAGAAAAACCCCCCGAAGGGAGGGGGCCAAAACCAAGGGAAAGGAGAGA AAAGGGGATGGGGAGGAGAGAGAAAACAAAACCGGAAGGAAAGGGGGAGA GAAAGGACAACGAGGAAGAACGAGGAAGGGGAACCCCAGAAAAAAGAGAC CAAAAAAAAGCAGAAGAGGGGAAGGGGGACACCGGGGGGAGAGAGCCAAA GAGAGGAGGGGCCGAGGGGAGAAGAAGGGAGGAGGGGGGGGCCGGCAAG G G G G G G G GAA $\operatorname{l}$ GGGAAGGGGGGAAAAAGGAAGCCCCAGGAGGAGAAGGA G G G CAGGCGAAAACCAGAAGGGAGAGGGACCAAGGGAAGAAAAGAGGGAA ACAAGGGAAGGCCGGAAGGGAGAAAACGGAAAAGGCATTAGGGAACCGGA GTAAAAACAGGGAAGGGAAAAGACAGAAGAAAAACAAAACCGGGGAAAAC CAAAAGGGGGGAAAGGGAAGGGGAAAAAGGGGGGAGGAGAGGGAAAAAA GGTTAAGGGGAAGGCGGGGGAAAAGGAAGGCACCGAGAAGAACCGGGGA AAAGCCCAACCGGAGAAAAAAGGAAGAAAGGATCCGACCACGAAGCGAGA CCCAGGAGGGACCGGAAAAAGAAGGGAAGGAAGGAAGGGGGCCAGAGAG G G G G G G G G G GAGGAGGAACCAAAAGGGAGGAAGGGGAACAACGAAAAGG GAGGAAAGACCAAGGCCTTGGAAGAACGGAAAAGGAGAGAGAAAACGAAG G GAAAGGCCAGAGGGAAAAAAGGAAGGAAGAAGACGGGGAGGGAAAAAAC CCCGAAAAACCGGCAGGAAAGGAGGGGCCAAAACAAAGGGGGAGGAAACG G GAAGGGAAGGCCGGAAAAAAAAGGCCAAGGGGCCAAGGGGGGAAAACCA A G G G G G G G G A G A CAGAAGAAGAAAAGAAAAGAAAAAGAAAGAGGAGAGGG
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AAAAAAAAGGGGGGGGAAAAAAGGAGGGAAAAAAGGAAAGGGGGGGAAAA GGCCCAGGAGAGACGGCAGAACGGGAGGAGGAGGAAAGAAGGAAGGGGA AGAAACCAAGAAACCAAAAAAAAACGGAAGGAAGGGGAAAATTGGAGAGG AAGACAGAAAGAAACAAGGGGAAGGGGCCAACGAAGGGGAAGAAAGGAAG GAAGGAGAAGGAACCGGAAGGAAGAAGAACCAACCAAAAAAAAAAAGGAG AAAGAAGGGAAAAGGAAAGGCGGAACCAAGGAAGGGGACAAAAAGGAAAA AGGAAAAAAGGAAAAGGGGAAAGAGGGGGGAGAAAGAGGGAAAGGGGAA GGGGAAGGAAGGGGGGAAAAGGAAGGAAGGGGGGGGGGGGGGAAAAGGA AGGAAAGGGGGAAAAGGAAAAAAGAAGAAGGCGAAGGGGGGCAAGGGAG GAGAGAGGAGGCAAGGGGGGGGGAGGGGAACCAAGGGGGAGGAGGGAAG GCCAGCAGGGGAAGGGGAACCGGAGAACAGGAAGACGAAAGAAAAAAGAA GAAGGGAAAGGGGAAAACCGGAAGGAAGGGGAAGGCCAGAGAGGGGGCC AAGGGGGGGGGGAGGGGGAAGGAGAAAAAAACCCAAAGAAGGGGGGTAA AGGGAAAAAGGCCAGGAAAGGGAGAGAAAGGGGGGAAGAGGACAGGGGG GGGGGAAAAAAGAACCGAGGAACCAAGGCCCCGGAAGGAGGGAAGGAGAG AGAAAGAGGGGGAGAGGAGGGAGGGACCGGAGGAGGAAGGTAGAGGGGA GGACCGGGGAAGAGAGGAGGGAAGGAAAAAAAAGGAGGGGGGGAAAGAC GAAAGAAAGGGAGAGCAGGCAAAAAGGAAGAAAGAAGAAAGGAGAGGGAG AGGAGGAAGGGGGAGAAAGGAGGGCCAGGGGAGAGACACCAAAAAAAGCC CCGGAAGGTTAAACGGAAAAAGAGAAGGAGACAAAGCCGGAAAAGGGGCC AAAGGAAGGGAGAAGGAAGGGGAGAAAGGAGGCCAAGGGGAGAGAAAGG GAGAACCGGGGAAAGAAGGGGAAAAGAGGGGGGGAAGCCACAAAAAAAAA AAGCCAACCTTGGAGGACCCCACGGAAAGCAAGAAGGGGAAGAGGAAGGC CCCAGGGGAGGGAGGAAAAAGGAAAAAAAAACCAAGAAAAATAAGCACCA GAAGGGGGGAGGAAGAAAAAAAGGAAAAAGGGGAAAAGGAGAACAAGAGA AAAAACCGGCCGGAAGGACAAAGACGGGAAAAAGGAAAAAAGGGGGGAAG GGAGGAAAGAGGAAACAGGGAAAGAGGGACCCCGGGCAAAAGGGGAAGAA AACAGAAAACCGAAAGGAAGAAGCCGGGGTTGGAAGGGGAAGAGAGGGGG GGGGGAAAAGGAGCCAACCGGAAAAGGGAGGGGGGGGAAGGAAGGCCGA GGGAGGACTTACAGACAAGGGGGGGGGAAGAACGGGGGAGAGCAGAGGG CCAGGAAAAACGGGGGGGGAAGAGAAGGGAAGGCAGGAAAAAAAGACAAA AAGGGAGGAAAAACCAAAAAAAGCCAAAGAAAAACAACAAGGGAAAAACC CAAAGAGAGGAGGAGAGGGGGCCGGAAGGGGAAGAGGAAAGAGAAAACC GAGGAAGACAAAGGAAAAAAAGAGAACAGGGGAGCCGAAGGGAAGAAGAC CGCCAGGGAGCCAGAAGGGACCGAAAGGAAGGCCAAAAAAGGAACCAAAA GAAACGAAAAGAGGAACCGGAGAGGAAAAGAGAACAGGGGAGGAGACCCC AAAGGACAAAAAGAGAAAAACCGGGGGGAAGGGGAAAAGGCCAAGGGGAA ACAGACAAGACAGGGGGAAGAAAGGAAGAAGGGGGGCGGGAACCAATTGC GAAAAAGAGGAAGGACAAAAGAGGGAGGAGGGGGGGCCGGGGAAGGAAC CAAAAAGACGAGACAGGAAAACAAAGAAAGGGGGAAGGATTGGAGGACCA ATTGGAAACGAAAGGGGAAGGGGAGAAGGAAGGGGAGGGAAGGAAGGAA AACCGGGGAAGAGGGAGGGGAAGGAACCAGACAAGAGAGGCAAGGGGAG AGGAAAAGGAGCCAAGGGGCCAAAAAAAAGGAGGGGGAGCCAAAAAACAC CAGAAGGAAAAGGAAGGAAAAGGGGAAGGGGAGGGGAGACACCAAAGAAG GAAGAACACGAGAGAGAAAGGGGGAGACCAGGAAAAAGGAAGGAACCAAA AGGGGAAGGAAGGAGAAGAAAACAAGGCGGAGAGGACAAGGAGAGCGCCA GGCGCACGAACAGCCGGGGGGGGAACCCCAAGGAACCAAAAGGAACCGGG GAACAGAGAAGAGAGAGAGGACAAAAAGACCAAGAAACAAAAAAAAAAAG AGGGGACGGGGCCCCCCAAGGGGAAAAGGGGGGAGGAAAAGGGAAGGAT CCGGGGCCCGAAGGGAAGAGGGAAGAAAGGGGAAAAGGGAAAGGAAGGA GAGAGGAAAGGGGGAGGGGCAAAGGGGAAAAAAAAGAGGGGGGGGGGGG AAAAAAGGAACCAAGGGAGGGGGGCCGAGACCGGGAGAGGAAAAAAAAAA AAAAAAAAGGAACCCCAAGGAAGAAGGACAAAGGAAGGAAGGGAGAGAAG AAAAACCCCCGGAAGGCCGGAAGGAAGGGGAAAAGAAAAAAAGGAGGAGG AAAGAGGGAGGAGAGGGGAGGAGGGGAACCAAGGGAAACCAGGAGGAAA GAAAAAGGGAGGGAGACTTGGGGAGAAAGGAAAGGCCGAACGGAAGAGAG AAAAAGGGGAAGGAAAAAGAAAAAAAACCGAAGAAAAGGGAACGAGGAGC CAAGGGGGGAAAACCGGCCAGGGGGGAAAAAAACCCCAGGGGGGGGAGG GGGAGGGAGACGACACAGGGGCGGAAAAAAGCCACCAGAAAAAAAAGGAA GGAAGAGAGGCCGGAAAAAAGGAAGGAAGACGAGGGAAAAAAGGGGGGA GCCAAGGCCGAAAAAGGAAAAAGCAAAGGAAAGAAAAAAAAGGGGGGCCG

GGGAGAAGGGAAAAAAAAAGGAACCAGGGAAGGGGAAAAAAGGAAGGGGC CAAAAGGCCGGGGAAGGAAGGAAAAGGAAAACCAAAGAGGAAAAGAAAAG GAAGGAGAAAAAAAAAAAAAAGGAAAAGGAAAAAAAAAAAAAAAACCGGA AAAGGCCAAAAGGCCAAAGAAAAGGGGCCGGAAGGAAAAGGGGGGAAAAG G G GAGCCGAAGGGCCAAAACCAAAAAACCAAGGGGGAAGCAAGGAAGCCC C GA $\operatorname{l}$ A G G G G GAGGAAGGGGAAGGGACCAGAAGGATAAGGACGGGAGGCC AAGAAAAGAAAAAGCAGGGGGGAAAAAAGGAGCAGGAACCGGAACCGGGA ACGGTTTTAATTAAAAAAAGAAACCAAAAGCACAGGCCGAAAGGAAAAGGC CGAGAGGAGAGCCCCAAGGAAGGAGAGGGCAGGAACAGGGGGGGAAGAG GGAAACGGAGAGCAAAAGAAGAAGCCACCAGGAAGGAAGGAAGCAAGAGG GACCAGGGAAAAAGAAAGAGAAAGGAAAAAAAGGAAAAAAGAGAGGAAGG GGAGGGAAAAGGGGAAAACCACGGGAAACCGAACCCGGAAGGAAAGGGCC AGGGGGAAGGAAACACAGAGGGCCGGAAAACCAAAAAAGGAAAGAGGGGG GGCAGGGAGGAAGAGGAAGAACAGAGGGACAGCCAAAAACAGAAAAGGCA GGGGAGACAGGAAGCCAAAGAGGAGAGAGGGAGAAACAAAAGAGAAAAAG CAAAAGGAGGGGGGAATTGGGGAAAGAGAAGAAGGGGGCCGGCCAAAAAA AGAACAGAAAAAAAAGACAAACGGAAGAGGAAGGGGAAAAGGACGGAAAA G GAAAAAAAAGGACAGTAAGAAGGAGAGGGGGGGAGAGAGGGGAAGAGA AAGGGGGAGAAAAGGAAAAAGAGGGAAGAAAGGAACCAACCGAGGAAAGG AGGGGGACGGAAGGGGGAACGAGATGAAGCCGGAAGGAAGGGGAGAAGA AA $\operatorname{H} \operatorname{GGG} \operatorname{G}$ A GCGGGGGGGAAAAAACCCGGACGGAGGAGGAAGGGGAGGAC
 GGGGCCCCAGGGGAGAACGGCCGAAAAGCCGGGAGGAAGGGGGGAAAAG GAAAAGGGGGGGGAAACGGGGAAAAAGAAGGAAAGGGGGAAGAAAGAGG GAAAAAAAAAAAGGAGGGAAAAAAAAAGGGGGGGACGAAAAGGGAAGAGA AA G G G G GACCGGAAAGCCAAGGGGAAAAAAAACCGGAAGGGGGGGGCCAA AACCGGAAAAAAAAGGGGGGAAGGAAAAGGGGGGAAAAGGAAGGGGAAAA GAGGCCTTAGGAAAGGAAAAGGGAGGGGAAAAGGAGAGGGGACCAAAGG GAAGGCCCCGACCAACGCCGGGGAGCCGGAAGGAGCCAGAAAAGGAAGAA AGGAGAAACGGGAAGGGGGGGAAGGAAAGGAAGGAGACCAGGACCAGAA G GAAAACACAAGGGAACAGGGGGGAAGGGGCCAAAAGAAAAAAAGGAAGG AA G GAAAGGGCCGGAGGAAAGGGGGAGAGAGGAAGGAAGGGAGGCCGGG GAAGAACGAGGAGGGACAAGGGGGGCCGGAAAAAAAGGAAGAAGGAAGG G G AA GAAAAAAAAGGGAGAAGGGGAAGGGGGAGGAGAGAAGAAACAAGGA AAAAAAGGGGGAGGCAAAAGAACCCCACAAGGGGCCGGAGCCCCAGAAAA AAAAAAGGCAGGAGGAGGGACACGAAAGAAAAAAAAGGGGAAAAGAGGGA CAAAACAAAGCAGGGAGGAAGGCCAGAGAGGGGGGGCGAAAACCGAAAGG AAGAAAAAGGAAAACCGGAGAAGGACAAAAAAGGAAACGGAAAAAGCCAT GCAAGAAAAAGGGGGGCCAAGAGGAGGAGGGGAAGGCCCCCCGGAAGGG GAACCGGGGAAGGGAGGCCGGAAAAGACCGGAGAGGGAAAAAAAAAGGGG GACTTAAGAAGAAAAGGAGGGAAAGGGGGGGAAAAAAAGGACCCCCCGGG AA GACGGGAGAAGAGGGAGAAAAGAAGGGGGTAAAGGAAACGAAAAAGAC AAGGGGAAAGGACAAAAAAATAGCCAGCCAGAAGGAAAAAAGGGGGGGAA AAAGGGGGGACAGGGGGGGAAGGCAAGAAAAAAGGAAGGGACCAAAAAAG GAGGGAAGGCAAAGGAAGAGAGGAGAGAGAACAAGGGGGAAACCCAACCA AAAAAGAAGCCAAGGGGGGCCAGAAGAAGGGAAAAGGAACCGGGGAGAAA AGGGGAAGGGGAACCAGGAAAAGAAAAAATTCCGGGGGGAAAAAAGGAAG GAAGGAACCGGAGGGCAAGGGGGAAGGCCCCCCAAAAAAAAGGGGAAGGA AAAGGAACCAAAAAAGGAAGGAAGGGGGGAAAAAAAACCAAAAAAGGAAG GAAGAAAGAGGAGAGACAAGGAGGGAACAGGAAAGGAGCAAGGGGGGAAC CAAAAGGGGAAAAAACCGAAGAAAAGGCCCCCAGGCAGAAGGAGGACCAA GACGGAGAAAAAGAAGGGCGGACGGCACCCCAAAAGGAGAGAAGAGGGGA A G G A A A GAA $\operatorname{A}$ GGGGGGGGGAGGAGAGAGGGAAGACCCGGAGGGGGGGAG AA $\operatorname{G} G \mathrm{G}$ GAATTGGAAGAGGCAGGAAAAGGAGAAAAGGGGGGGAAAAAAAGG CAAAAGGGAAGGAGGGCAGGGGAGCAAGAAGGGAGGGGGGGGGGCCAAG GAGAACCAAGGAGAAGAAGAAAGAGAGGGAGACGAAGACAGAAGGGAGAG G GAGAAGGAAGAAAAACACAAAGGGAAGAGGAGGAGGAAAAGAGGGGAGG GGACCAAACGGAGACGGAAAGAAGGAAGAACAAAGAAGGAAAGGAGAGAC AGGAGGGGGAGGAAGAACCAGCAGGAGGAAAACAGAAAAAAGGAAAGAAC CAAGGAACCGGGAGGGGAAAAAAAGAAAACCGACAGGAAGATTCCGGACA GCCGGAGAGGGAAAAAGCCAAAGGAAACCGGGGAACCCCAGGGCCAAGGA

G G G G G G G CCAGAGAGGGGAAAAGAAAAGGGAAGGGGGAAGGCCAAGGAG A GAGGGGGAAGGGGACGGTTGAAAGGAAAACCAGGGCCGGGGCCGGGGG GAAAGAAAGCCAAAGGGGAAGACGGGAGGAAGGGGAAGACACAAGCAGAG GAAGAAGACAGACGGGGGAGGAGGGAGAGGGAAAGGAAGGGGGAGCACC G GAGAAAAGGGGACAAGGAACCGCGAAGAAGGGAAGGGGGCACCGGAAAG G GA $\operatorname{GAA}$ A G G G A G CAA G G GAAAAA GACGGAGGGGGCCAGAGAAAGAGAGA GACGGGAGAGGGGCCAGGGGGAAGGAAAAGAGAGGAGGGGGAAAAGGGA A G A G G GAGGGAAGGAAAAAAAGAAGGCCCCCCGGGGACAAAGGGGGAAAA AA $\operatorname{G}$ GGGGAGGGGGACCAAAAACAAAGAAAGAGCAGGAAGGAGGGGGAAG GAAGGGGAAGGCCAAGAAAAAAAGGGGAAAAAAGGGGAGAGAAGAAGGGG AGAAGGAGGGAAAAAGAAGGGAGGAGGGGGGAAAAGAACAGGAAGCAGAA G G G G G G G A G CCGGGGAGGGAGGGGGAGGGAAAAGGGGAAGGCAGGAGAA AGAGGAGGAAAAGGGGCAAAAGAAGAGGAAGGGACCAGGGGGGGAAAGA GAAAGAAAGAAAGAGCCCCCGAGAGAGAGCCGACCAGAAAGAAGGTTGGG AGGAGGGAAGAGGAAAACCGGAGACGAGAAGAAAAGCAACAAGGGAACGC CGAAAGGACAGAGAGACGGAAAAGGGGAAAGGAGGGGCAAAGGGGGGGG CCGAGGCGGGAGGAAAAACCAGAGAGAGGAGAGGGAGAGGAGAAGACCAA AA G GAGCCGGGGAAAAGAGACCAAGGAAAAGGCCAGCCAAAGAAAACCGG G GAGGAGGGAAAGGGGAAAGCCGAGACCAAGGAGAGGAGAGAAAAGAAAA GAAAGGCCCCCCGACCAAAGCAGGAAAAAAAGGGAGCCACCCGAAGGAGG AAGGAACCAGAAAGCCGAAGGGAGCCAAGGAAAACCGGAAACAGGGGGAA G G A G G G AA G GCCGGAAAAAAAAAAAACCGGGGGGCCGGGGAACCGGGGG G G GAAGGGGAAAAAAAACCAAAAGGAAGGGGCCGGAACCAAGGAAAAAAC CGGGGGGGGCCGGAAAAAAGGAAGGGGGGAAGGAAGGCCAAGGGGGGAA G GAA GAA GCCGAGGGAGGAAAAGGAAGGGAGGGAAAACTAGGAGCCAAGG GGGGAAGGAAGAAAGGAACAGAAAGGCCGGCCAGAGAAAAGAAAAGAGGG AAGGAATTGGGGAAAAGGAAAGAGGAGAGGGAGGGGCCAAAAGGAAAGG GAGGACCAAGAGGAAGGGAAGAAAGCCAAGGGAGGCCGAGAAAGAGAAGG AAAGGCAGGAAGGAGGAGAGGGGAGAAGGGGCCGGAGAGGAGAAAAAAA G G G G G A GAA $\operatorname{CAAAAAAGGAAAAGGAAGGGGCCGGAAGGAAAAGGGGGGG}$
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 A G G G G G G CCGGGGCCGGAAAAAGGGAAGGGGAAGAAGGAGAGACCGAAA GAGAGGGGGGAGGGCCAAGAGAAGAGAAAAAGGAAGGGGGAGAGACCAA GAAAGAGGAGGACAGGGAAAAGGAAAAGGGGAAAGACGGGGCAAGAGGAA GAAGGGGCCAGGAGGAGAAGAGAAAGGGGGGAACCAAAAAACCGGAAACA GACAGACGGGAAACAGAGAGAAAGGAGGAACAAAGAGAAGACAACGGAGC CAGAAAAAAGGACGGAAAGGGCAAGGGGACCGGGGGGGGGGAACCAGAG GGGACCACCGAGGGAAAAGGAGAAGGGAAAAAGGACGGAACAGGCAAAAG A GAAGGGAAGGGGGGGGGAGGAGGGGGGGGGAGGCCAAGGAAAAAACCG GAAGGGGAAAGAGGAGGAAAAGAGGGGGAAAGAAACCAAGAAAAAAAGGA GATAGGGGAAGAAAAAAAGGGAAGGAAAAGCCCCACAGGAAAAGGAAAAG GAGAGGAAAAAGAAAAAGAAAAGGGGGGGAAGGGGAGGAAGGAAGAACCG GAGGGAGGAAGAGGAAGGAGAAGAGGGGGAGAGGAAAAAAAAAAAAAAAA AAAAAGGAAAAGGGGCCGGAAAAGGCCGGGGAAGGGGAAAAAAAAGGAAG GAAAAAAAAAAGGAAGGAAGGAAAAGGGGGGGGAAGGGGGGGGAAAAAAA AGGAAAACCAAGGGGGGAAGGAACCAAAAGGGGGGAAAAGGCAGGGGCCG G G GAAAAAGAAAAGGGGAAGGACGAAGGACCGGGGGGGGCCGGAAGAAA AGAAAACCGGAACCCCAGAACCCAAGGAAGGGAAAGATGGGAGGGGAAGA AA G GAAAAGGAAGGAGAGGGCAGGGGAAAAGGCCGGAAGGAAAAAAGGG G G G A G G GAAAAGGGGAGGAGGAAGAAGAGGAAGGAAGAAAAGAAGAGGA CCCCCCGAACAGGGGAAAAGGGCCCAATGGGGGAGGAAGGAAGAGAAGGG AGGAACGGGAAGAGAAGGGGGGGGGGGGGGCCAAAAAGACGAAGAAGAG GGAGAAAGGAAACGAGGAAGAGGCAAAAGGAAAAAAAGGAAAACAAAGCA CACCCAAACAAAAAGAGAGGAAAGGAAGGGGAAAAAGACGGAAGAGGTAC CAGAAAGCCAAGGGGGACCCCGGGGGGCAGAGGAGAGTTGGGACAGGGG AA $\operatorname{l}$ GGGAACCAGGGGAGGAAAAGAAAGGCCAAAGAGAAGGGGGGGGAACC CCGGCCAACCAAAAAAAAGGAAGGAAAAGGCCGGGGAAGGAAAAAAGGGG

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AA G GAAGGGGAAAAGGGGAAGGGGAAAAGGGGAAAAAAGGGGAAAAGGA A G G G G G G GAA G GAGACAGGGAAAGAAGACGCGAGGAAGGACGAAAAAGAC G GCGAGAGGAAGAAAGGACAAAGCCGGGAGGGAGGCCAAGGAACCGGGG G G CA $\operatorname{l}$ GAAGGGGGGGAAGCCAAAAAGGGGGAGAAAGAGAGAAAGAAGGA CAAAAGAAAAAGAAGAGGGAACAGAAAGAACGAGAGGGGAAAAGGGGAAG GTAAACAGGGGGGAACCAAGAGGCCGGGAGAGAAACACAGGAGAGCCCCC CGGAAAAGGAAGGAAAAAAGGAAGGGGAAGGGGAAAGGAGAGAAGAGCAG A G G A A G G GGGAAAAAACAAGCAGAAGAAACCAGGAAAGAAGAGAGACGAA AA G GAGAGAAGGGGGGGGGGGAGCCAAAAAGAGGGCCAACCGGGACCAA GAGGGGAGGGGGAGAACAACCCCACAGGAGACGGGGAGCAGGAACAAAGG GACGCAGAGGGGAACCAAAAGGGGAAGGAAGGAAAACCCCAAGGGGGGGG G G A A G G G GAGAGGAAGCCAGAGGGAGGAACAGGGGAAAAAAAGAGAAAGA GGAGGAGAGAGAGAAACAAAACAGCACAGGGGCAAAGGGGAAGAGGCCGA CCGGAAGGGAAAAAAAAAAAAAAAGAAAGGAAACAAAGAAAGCGGAGGAA AGAGACAAGGGGGGAGGGGGAGGGGGGGCAGGAAAAAACACCGGCCAGG AGGAAAAAAGGGGTTAAAAGGGGAAGGGGAAAAAACCGGGGAAAAAAAAA A G GAAAAAAGGGGGGAAGGCCGGAACCGGCCAAGGCCAAGGAAGGAAAAA AAAACAGAGAAGGAGAGAGCCGGAACCCCGGGGCCAAGGGGAGGGCCAGA AGGGAGGAAAAAGAAGGAAAGACGAAGGGAAAGCCAAAGAAAAAAAAAAA AGAGAAAGGAACCAGAGGGAGACCCGGAAGAAAAAAAAAAAGGAGGGGGG GAAGGAGGAAAGGAAGGGAGGGGCCAAAAAAAAGGGGGCCAACAGAAGGA AAGGAAGAGAGGAGGGGGGAGAGGAAAGGCCGGAGAAAAAAGAAAGGGG G GAACCGAATGGGGCCAAAAGGAGGAAGACGGAAGGGAAACGAACCAGAA AGCCGGGGCAAACAAAACAAGAAAGAGGGGCCAGGGGGCCCCCACCAGGA GAGAGGAACCGGGAAAGGGGAAAAAGAAAGAACCAGGGGGGAAAGAAAAA AGAGGACAAAAACCCCAAGAGAGGAAGGAAAACCAAAATTAAAACCGGAA AAAAAAAAGGAAGGCCAGAGAATAAAAAGGGGGGAAGGGGGAACGGTACC AAAAAAAAGAGAGGGGAGAGGGGGGGAAAAGGCCGGGGACCCAAAAAGAA GAAAAAAGCATTGGAAAAGAAGGAGGGGAAGGAGAAAGAAGAAAGGAAGG GGAGACGGGGAAGGAAGGAAAAGGGAAGGGGGGGGCGAGGGGGAGGGGC CAGGAAAGGCCGGAAGGAGGAGAGGTTGGAGGGGGCAAAAAGGAAAAAAG GGGGGACAAGGGGGGCCACAAAGAAGAGGAAAATAGCGAAAACAGGAGGA G G GAAAGCCAAGGGGAACCGGGAACACCCGGAAAAAAACAGAAGAAAAGG AA $\operatorname{la}$ AGGGAGAAGGCCAAGGACCCACAAAAGGGAAGGGAAGAAAAAAAAAC CGGCCGGGAGGGAAAGGAGCCAGGAAAAAAAAGAAAGAGAGGAAGCCGGA AA A A A G G G G G G A GAGGGGAGAAGGAAGAACCGGGGGGAACCAAGGGGAA CCGGGGGGCCGGAAGGGGCCGGCCGGGGGGGGAAGGGGGGAAAAGGGGG G G G G G G G G G AAAAAAGGTTGGCCGGAAGGAAGGAAGGAAGGAAAAAAAAA AAAAAAAAAAAGGCCGGAAAAAAGGGGGGGGAAAAGGGGCCAACCAAGGG GGGCCGGAAGGGGAAGGAAAAGGCCGGAAGGAAAAAAAAAAGGAAAAAAA AAACCGGGGGGCCAGGGGGAAAAGAGGAAAAAAGGGGGGGGAAACAGAA GAAGAACAGGGGAAGGGGAAACGAAGAAGAGGGGAAAGAAGAGGGGGGA GAGGAGAAGGGAGAACAGGAAAGAAGGGGAAAAAAAAAAGGGGGGAAAGA A G A GAGGGGGGGGGGAGACAAGGAAGGAAACACAAGGACGGGGGAGGAA G GAAAAAAGGTTAGAAAGAAGGGGCCAGGGGGCCAGGAGAGGCCAAGGAG G GAGGGGAGAAAACCCGGGGGGGGAAAACCCAAAGGAAGGAAGGAGGGA AGGGGGGAAGGCCAGAAGAAACCACAAGGAAACAGCCAGCAGGGAAAGAG AGGGAAAAAGGAGGGGGCCGAGGGAAAAAGGAGGGAGGGAAAAAAAGACA GGGAGACGGAACCGGGGAAAGGGGGACAGGGGGAAAGCCGGGGGGAGGA AAAAAAGGGGGGCAAAAAAAGGAATTGGGGGAAAGAAAAACCAAAAAAGA AA $\operatorname{G} G \mathrm{G}$ GAA A GGGAAAAGGGGGGAGGGAAGACAAGAAAAAAGGGGACGGC CGAAAAGGAAGCCAAAAAAGGAAGGAAGACCCCAACCAAGCAACCAAGGG G GATAAAAAGGGGAAAAAAAAGAAAGGAGCAAGGAGGGGAACCGGGGAAC CAAAGAACAGGAAAAGGCCAAGGCCAAGGAAGGCCGGCCAAGGGGGGGGA AAAAAAAGGAAAAAAGGAAAAAAAAAAGGGGAAAAAAAAGGGGCCCCGGG GAAGGGGGGGGAAAAGGAACCGGGGAAGGCCGGAACCAAGGAAAAGGAA GGGGAAGGAAGGAAGGAAAAGGGGGGAAGGAAAAAAAAAAGGAAAAAAAA AAAAGGAAAAGGAAAAAAAAGGGGGGAAGGAAAAAAGGAAGGGGAACCAA AAAAGGAAGGAAAAAAAAGGGGCCAAGGGGGGGGGGAAGGAAGGGGCCA AAAAAAAAACCAAAAAAAAAAAAAAGGGGGGGGGGAACCGGGGGGAAAAG GGGAAAAAAGGAAAAAAGGGGGGGGGGAAAAGGGGGGGGCCCCGGAACC

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GAAGGGAGAAAGGGGGGATGGCCAGGGGGAAAAAAGGAGAGACCAGGAA GGAAAAGGAGAGGACAAGAAGGGAAAAAAGAGGGAGACGGAAAAGGAAAA GGAAGGGGGGGGGAAATTAGGGAACCGAAAAGGAAAAAAAAGTAACTAGA AAGGAAGGGGAAAACCGGGGACAGAGAGATAAGAAAGGAGCCGACCAAGG CAAAAAGGACAAGAATGAAGGGGAATAACCGGCCAAAAGGGGGGAGGGGG AAAAAAAAGGGGGGGGAAAAAAAAAGAGGACCAAAGAAGGAAGGGAGAAA ACGGCGCCAAGGGACAAAAGAACCAGGAAGAGAAGGAACCGGAAGGAAGG GGAAGGGGAAAGACGGGGGGGGGGAAGGAAAAAAAAGGGGGGCCAGAAA AA GCCGGGAACAGGGAAAAAGGGAGAAGAAGGGAAGGGAAGAAGGGGGA GGGGAAGGAAACGGGGGGGAAAAGCAAAAAAAAAGGGGAAGGCCAGAAGA ACGGGAGGAGGGAAGGGGAGAACAAGGAGGAGGGAGGGACAGCCAGAAA AGGAAGGCCAAAACCCGGGGGGGGGGGCCAAGACAGGGGGGAGAGGGAG GAGGGGAGCGAACCACAAAAGGGGGGAGGGGAAAAACCAACAAACCGGAA GGAGGGCCGGGGAAAGAAAAAGAGGAAAGAGGAGGAGCGGGAGGAGAAA GGAGGGAAGAAAAGAAGACGGGGAAAGGAGAACGGAAAAGGGGAAGGGG AAGGAAAAGGGGAAAAGGGGAAAAGGGAAAAAAACCCCGAGGAAGAGAAG GAGAAGGGAACCGGAACCAAAAGGAAACCCAAGAGAGAGGAGAAGAAAAG GAAGAAAAGGGAAAGGGGGAGGAAGGAAGGGGAACACCAACAAGCCAAAA GGGGAAAGGAAAAGGGAGAAAAAGCCAAAACCAACCGGCACCAAGAAGGA GGGAGGAGAGCCAGAGGAGGAGGGCCGGAAACGGGGAGAGAAAAGGAAG GAAGGAAACAGCCGAAAGGGGGGAAAAAAGGGGGGGGGGACGGGGCCAG GAAGGGAAAGAGCAGGAAGGGGACAGAAAAGGGGGAGGGGAACCAGAGG AGGAAGGAAGGAAAGAAGAAGAAGGGACAGAGGCAGGGAAAACGGGGCCG ACAGAAGGGGGGGAAAAGGGGGAGGAAGGCCGGAAAAAAAAAAGGAAAAA AAAGGGAAAACGGCCAGCCAAAAGGCCGGCCAAGGAAAAGGGGGGAAGGA AGGGGGGAGAGAGGAAAGGGGGGAAAAGGGGGAAGCCAAAGAAAGGGGG AAGAGGAGGGGGAAAGAGGAAAAGAAGGGGGACAAAGGGAAAACAGGGG GGAGGAAGGAGGGAAGGAGAAGGGGGGAAGGGAGAGGAGGGAGAGGGGG CCAAAGGGGGGGAGGGGGAAAACAGACCAGCCGGGGGGAAAGAGGAAACA AAAAAAAAAGGGGGGGACAAACAGGGGGAAAACCAAGGGGAAGGCCAAAA GGGAGAGAAAAGGAAAAGAAAAGGAAAGCCGGAAGGAAGGAGAGAGGGG GAAAAGAAGAAGGAAAAAGGGAGAAAGGGCAGGAAAGGGAGGAAAGGGG GAAAGGCCAGAAGGAGCCACCCGGGGAAGGAGGAGGCCAGAAGGGAGAAG AAAAACAGAGGAAAGAGGAGGGAGCACCAAAGAGGAGAACGGAGGGGGAA AAACGGGGAGAAAAGGAAAAAAGAAGGGAGAGAACCAAGAAGGGACAGAA AGAGAGACGGAGGAAAGGTTGGGGAAGGGGGAAGGGAACCGGAAGGGGA GAAGAGGAAGAAGAAAAAGAAGACCAAGCAAAAGGGGGGGGACGGGACCC CGGAAAGAAGGCAAGGGGAAGAGAAAAAAAAGGAAGGAAGGGAAAGGGGG GTTAGGGAACCGGGGGACGGGGGAGAAGGAGGAGAAGGAGGGGAGACGG AAAGCAGGGAGGAGGGAAAAGGGGCCGCGAGGAGAGGGAGCCGGGGGGG GGGACAGCCGGGGGGAGGAGGGGAAGGAAAACCGGGACAGAGGCCAGAC GACCGGGGGGAAGGAAAAGGGGGAAGAGAGAACCGGAGGGAAGGGAGAG GGGGGAAGAAGGAAAGGAAAAAAAAAAGGGGGGGGGGGGAAAAGGGGGG GGGGAAAAGGGGGGAAGGAAGGCCGAGAGGAGGGAAAAACGGGGAAGGA GAAGGGGCAAGGAAAGAGAAAGGGGAAAACCAAGGGGAACCGGCCGGGG GGGGCCGGGGCCAAGGGAAAAGAACCAAGGAGGGGAGGAGACAAGGGGG GAGGGGGAAAGGGGGGAGGGGGGGGAGAAAAGAGACAAAGGAAAGGGAA AAAGAGAGAACCGGAAGAGACCAAAAGGAAGGGGGAGGAAAAGGGGGGG GGGGGGGGGAAGAAGGGGGCCAAAAGGGGAGAAAAAAGGGAGAAAAAAC GGCCAAAAGGGGAAGGCAAGGAGCGGCAAAGGAAGGGGACGGCAAAGGA GAGAGAGACAGACGGAGCAGGGGGAGGGGAAAAGAGGCCGAATACAGGA GGAAAAAAAAAAGGAAGGGATTAAGAGGGGGGGGGACCTTCCGGGAGGGG AAGGGGGAAAAAACGAGAGACAAGAAAAAAGAAACAAAGGCCGGAGGAAC GGAAAAAAGGACAAGGGGGGAAAGGAAGGAGGCACAGGAAAAGGAAGGAA GGAAGAAACCCCAACCACAGAGGGGGGGCAAGAAGCGGAAAAGGAACAAG GAGGAAAAGAAAAAGGGGGGGGAGAGAGTAAGCCGGAAGGGGGGGGAAA AGGAACCCCGGCAAGAAAGGGGGCAAAAAAGGGCCCACCGAACAAGAAAC AAACCCAGGGGGGAGAAGAGAAGGAGGAGACGGACAGAAAGTTAAAAGGA AGGAGCCGCGGAGGAAGAGAAAGGGAAAGAGGAGGGGAGGAGAGAAGAA GGGGGGGGCCAAGGGGAGAGAAGGCCAAAGGAGAAAAAAAAAGGAGCCAG GAGGAACCGGCCAAAAGGGAACCCAAGACACCAATAAAGACAGGAAGGAA

G G G G A A G G G G G G G G G G A G CAA G G A A A G GACGGCCACAAGGGGGGGGGGG AAACAGAGGGCCAGAAGGAGGAAAAAAAAGGGGGAGAGAAAGACCAACCA AGGAAGGGGCAAGAGAAGAAAGGAAGAAAAGAAGGGAGGGAAGAGGACCA GAACGAAGGGAAAGGAGAAGACCAAGGGGCCGAAGCAGACCGGAAAAGAA A G G G G G G GAAAGGAAGAAAGAAGACAAAGGAGGAAGGAGCCGGGGAAGG G GAA $A$ A G GAAA GAAAGGGAAGGGGGGAAAAGGAAAAAGAAGGGAAGGGG GAAAAGGCCGGGGGGAAGGAAAGCAGAACAGAGAGAAGGGGGACCAAAGA GAAAGAAAGAAGAGAGGCCGGAAGAAAGGGGCAAGAAGGAAGGCCAACCC C GA G G G GAGGGAAGGGGAAAAGGGGAACCGGCCAAGGGGAAAAAAGGAA GAAGAAGGCCGGAGGAGGAGAAGGAGAAAGGAGGGAGGGGGGGGAGGGG GTTAAAACCCCAACCGGGGAACCAAGAAGGAGGAAGGAAAACAAAGGAAG GAAGGAGAGCGAAAGAGAAAGGGGGAGAGAGGAGGGGACAGCCGGGGGG AGACGAGGACAGAACAGGAAAGAAAAAAGGGGAAAAGGAGGAGGGGACAA AAGGGGGGAAAAGGCAAGCCAGACGCCGAGAGGGGGGGAGAGAAAAAGG G GAGGAAGGGGCGGAAGAGCGCAGGGAACGGAAGAAGAAGGAATTAAAAA A G G G G G G G G G G G G A GAA G G GAGGAAACAAGGGGAAAGGGAAGGAGAAAA ATCCAAGGGGAACCAAAAAAGGAAAAGGGGCCAAAACCGGGGCCACGGAG AAAGAAGGGGGAAGAAAAGGGGGGGGAAAAAAAACCAACCAAGAAGGGGG AAA G G G G G G G G GAAAAAAAAGGCCAAGGCAAAGGGGAAGGAAGGAGGGT ACGCCAAGGGGAGGGGGCCCCCCACGAAGAGCAGAGAGGACAACAAAAGA GTTGGGGAAGGGGAAAAACAGCCGGGACCGGAAGGAGGAGGAAGGAAGG AAA $A$ A G G GAGGGAGCCACAGAAAAGGGGAGGGAACCCAAGAGGAAAGGCC AAAAAAAACCGGAAGGGAACAACCAACCGGGGAACCGAGGCCAGAGAGGG GGCGAGGAGAAGGAAAGGGGAAGGGGAAACAAAAAAAAGGGGAGCAGAAA G GAAAAGGAAAAGGTTCCGGGGCCCCGGAAGGAGCAGAAGGGAGACAAAA GAAAAAAAAGCGAAGGAAAGGAAAGGGGGGGGAGGGGAAAGAGAAAAAGG GGAAGGAAAAAACCACGGAAGGGGGGAGGGGAGGGGAGGGGAGGAAAAA AGGAGAAGGAAAGGGAAAAGGAAAGGGACACAAAGAGCCCCGGGGGGCCA G G G G G GAAAAAGGAGAGCAAAAAAA GGAAGGGGGGGGGGGGGGCCGGGG AAAAGGGGCCAAAAGGAAGGAAGGAACCAAGGAAAACCGGAAGGGGAAGG GGAAAAGGGGAACCCCAAGGGGAACCGGGGGGAAAAGGAAGGGGAAAAAA AAAACCAAAAGGAAAAAAAAGGGGAACCCCGGAAAAAAAAAAAAAAAAGG AAAAAGGAAAAAGGAGGACAAACAAGGAAAGACCGAGAGGACGAAAGAGA G GCCCACCGGGGAGGGCCAGGAAAACAGGGGGAACCAAGACCGAGGAAAA A GAAGGGAACGAGAGGGAGACGAGAAGGAGAAACGAGGAAGGGGGAAAG AGGAACAGGGGGGAGAAGGCAGAAAGGCCGGAAGGAAAAGGAAAGGACCG GAAGGAAGGAAGGCAAAGGCCACGGAAAAGGAAGAGGAACCAAGAACGGG GCCGGAAAGGGAAGGAAGGGGAAGGGGGGAACCGAGGGGGAGAAAAGAG AA G G ACAGAGAAAACCAGGGGCGAGGCCGACCAAGGAGGGAGAGCAGAAG AGGAAAGAGGGGCAGACCCCAGGAAAAGAGAAAGGGGGGAAGGGAACCGG A GAGGGGAAGGGGGAGGAAAGGGGAAGGAAGGAAGAGAGGAGGAGAAAA
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GCCAAGGCCGAAGCGGGAAGGGGGAGGGGGAAGAGGAAAAAAAGGAAAAA CAAAGGAAGGATACAAAAAGAGGGGGGGGGGAAGGAAAAGGGGGGAAA A GCCAACCGGGGCAGGGGAAAAAAGGAAGGGGGGGGAAGGCCGGAAGGG GAAGAAGGAAGGAAACCAGAGGGGGAGGGGGACGGCCGGGGGGGGGACA GAGGGAGGGGGACCAGAAAGAAAAAGCCAAGGAACCAGAGAAAAGAAGAA AACCGAAAAAAAGGGGCAGACAAAAAGGAAAAGGAGGACCGGGGACGGGG AGGCAAGGGGACGGGGAGAAGGAAGGAAGAAGGGAGGGAACCACGGAAA AAAA $A$ AA $\ln$ GAGGGCCAAGGGGAAGGGGAAAAAGACAGGGAAAGGGAGAAA G GAA $\operatorname{l}$ GGGGAGGGGAGAGGAAGGAAAGGGCCGGGGGACCGAGGGGGGAA GGCCAGGAAGCCGGACAAAGGAGGCCCAACGAAAAAAACCGGCCCCGGAA G GAGAGGGAAAAGGAAGAAAGGGAAAGAGGAAAACCGGGGGGAAAAAAAA AGGGAAGAAGCCCAAGGGAAGAGAGGAGGAAAAAAGAGAAAAGAAAAGAT AGAAGGAAAAGGAAAGGGAGGGGGAGAAAGAAAGAGGGGGAGAAAGGAG AGGAAGGGGAGGAGGAAAAAAAACCGGAAGGACAAAAGGGGGGCCGGAAG GAAGGGGGAAAAGAGGAAAAAGGCCAAGGAACACCGGAGAGGGAAGGGGC CAGGGCCGGACGAAGGGGGGGGGAAGGGGGGCAGGAAGACCGGAAGGAA GAGGGAACGGAAAGAGAGGAGGGGGGAAAAAAAAAGAGGACAATGGAAGG AGAAGGAAAAAAGGAGAAGGAAAAAAAGAAAAAGAAAGAAGAAGAAAGAG AGAAGGAAAAGAGGGAAGCAAGAAGAAGGGAAGGGGAAAAAACAAAAGAA GACCGAAAAAAAAAAAGGGGGGGGAAAGAAGGCCGGACAACCAGCCAGAA AGAAACGGAAAGGAGGAAGGAACCAACCCCAGAGAAGAACGGGGAAGGAA G G G GAA G GAGAGAAAAAAGGAAGGAAGGGGCCAAAAAAAAGGAAAACCGG CCAAGGAAGGAGAAACGGAAACAGACGAAGGGAGGGAGGGGGCCACCCCC A G G G G G A A G G G A A GACAAGGGGGAGGAAGGTAGGGGGGCAAGAGGGAAA AAAGGAACCGAAAAGGAAGGGAGGGCCGGAGCCGGAGAAAAAGCAAGGGG GAAGAGGGGGGAACCGGAAGAAAAAAGGAAAAAAAAGAGAAAAAGGGCCG AA $A$ AAAAGGGGAAGGGGAAGAGGGAGAAAGAAAGAGGAAAGACCCGGAGA GGGAAAACCGGGAAGAGAGGGAGAAACGAAAGGGGTAAGAGGGCCGAAAA ACCCAGAGGGGAGGAAAGGAAGAGGGGGAAGGGGGGAAGGAGGGGGAGG AGAGGAGGAAGAGAAAAAAGAGGAAAGGGAGAGGAAGACCAGGAGACCGG GGAAGGAAGAGGAGGGGGAGAGCAAAAAGGCACCGGGGAAGGAACCGGG GAGCCCCCCGGAAGAAGCAAGCCGAAGGGAGGGGAGGGGGGGGAAGGAA G GAAA G G GAAGAGGGCAGAAAGGGGGGGAAGGGAAGAACCGGCCGGAAA AAAAAGGAGAACCAGAAAAAAATGGCCGGAGAGAGGGAAAGAACCAAAAG AA $\operatorname{l}$ GGGGGGGAGAGGGGAAGGCCAGCAACGGAAAAAAGGACAGCCAAAAA AAAGGGGGGAAGGAAAAAAAGGAAAAAGGACCCGGAAAGGAGGAAGGAAA AAAAAAACCGAGGCCGGAAAAGAAAGGAAAAGGCCAAAAGGAAAAAAAAG G GAGAAGGACAAGGGGGGGAAGGAGACAGGGAAAACCAGGGAAAAGAGAA GCCAAGGCACAAGAACACAAGGGAAAAAAAAAAAAGGTTGGGGAACCGGG GGGAAGGAAAAAAGGGGAAAAAAGGAAAAGGAAAAAAAACCGGAAGGGGA AGGAAAAGGAAAAAAGGCCAAGGGGGGGGAAAAAAGGCCAACCCCAAGGG GAAAAAACCGGAAAAAAGGGGAAAAAACCGGAAGGCCAAAAGGGGGGAAG GGGGGGGGGAAAAAAGGGGGGGGAAGGGGGGAAAAAAGGAAGGGGAAAA AAAAGGGGGGGGGGTTAACCAAAAAAAACCGGGGAAGGGGAAAAGGAAAA CCAAAAAAGGCCAAGGGGAAAAAAAAAAAAAAAAAAAACCAAAAAAAAAAG GGGGGGGAAAAAACCGGAAGGCCGGAAAAGGAAAAGGGGAAAAGGCCAAG GGGAAAAAAAAAAGGCCGGGGAAAAAAGGCCGGAACCAAAAAAAATTGGA A G G G G G GCCAAGGGGCCCCAACCAAGGAAGGGGAAAAGGAAGGGGAACCA A G GAA G G T T C C G GAAGGAAAAAAAAGGGGGGGGCCAAGGGGCCGGAAAAA AAAGGGGCCAACCAAAAAACCGGAAAAAAGGAAAAAAGGAACCGGGGGGA AAAAAGGGGGGGGAAAAGGGGAACCAAAAAAGGGGGGGGAAAAAAAAAAA AAAAAGGGGAAAAAAAAGGCCAAAACCAAGGGGCCGGAAAAAAGGAAGGG GAAAAGGGGAAGGGGAAGGAAGGAAAAAAGGAAGGGGAACCAAAAGGTTG GAAAAGGAAAACCCCAAGGAAGGCCGGAAAAAAGGCCCCGGAAAACCAAC CCCGGGGAAGGAAAAAAGGGGGGAAGGGGGGGGGGTTAAGGGGAAGGAA G GAAAAGGGGAAGGAAGGGGAAGGAAAAGGGGGGGGGGGGGGAAGGCCG G G G AAAAGGAAGGGGAGAAAAAAAGAGGAGGCAAAAGAGGACCGGCCGGA AAACACCCCGGGGGGTAGGGGGGGGAAAAGGGGGGGGAGGGGGAAAAAA CAAAGGAGAGAAGGGGGAGGAAGGAAAAGGCCGGAAGGGGAAAAGGAAA GGGAAAAGGCAGGAAAAGGAGGGCCGGAAAAATAAGGAAGGAAGGAGGGA AGAAGAAGGGAAGAGACAGAAGGGGAAGGGGAAGGGAAAAGGGAGAGGA

G G GAAGGAGGAGAAAAGGAAGGGGAACCAAGGGAAAAGGGAACCGGAGCA ACAGGGAAGGAAAGAAACAAGAGGAAGAGACCGAGAAGAAGGGAAGAGAA AGCCAGACAGACAAAGAGAGAAAAGGAAGGAAGACAGAGGGGGGGGAGGG AA $\operatorname{A}$ GGGAGGGGGGGAAGGGGGGGGGGAGGAGAACGAGGAAGGAGAACAG GAAAGAACCGGAAAGGGGGAAGGCAGGGGCCGGCACCGAAAGGCCAAGGG GAAGGAAAAGGAACCGGAACCAGAGTAAAAGACGGGGGAGGAAGGACAAA AGGCCGGGGAACCAAAAGGGAGAAGAAAGAAAAGGGGGGGAGGAACCGAG AGGGAAGGGAGAACAGAAAAGACGAAAAAAAAAGGACGAACGAGGGAAAA AAAAAGGGAAAGGGACCGGGGAGAAAAGGGGGAAAGGGCGGGGAAGGAG GACCAAGGAACCGAGAGGAATTAGGCGGAGGGAAAAGAGGACGGGGAAGG ACAACACAAAAGGGGGAAGAGGAGAACCGGAGCCAAAGGGAGAAGATTAA CCGAGGGGAGGGAAGGAAGGGGCAGGCCGAAGAGAAGGAAAAAAAACAAA CCGAAAAAAAAAAAAAGGAGGGGGCAAAAAAACCAAGGAGGGAAAGGGAA GGAAACGGAGGGAGACAAAAACAGGAAGGGGAAAAAGGGGGGCAAGAGGA CGCCAAACGAGGAACCGGAGAGACAACAGAAAGGAAAAGGGAGGAGGGAC TTCAGAAAAAAAAGGGAGGGAAAAAAAAAGAAAGAGGACCGGGGGAAAGG G GAA G G G GCCACAAGGGGGGAGAGGGAAAAGAGAAGGAGGAGAAAAAGG AAAAAAGACCCAAAGGAACAAAAAAAGGGGGAAAAGAACGAGGGGAAAAA AGGGGGGAGAGACGAACGGAAAGACAGGAAAGGAGACACAGAGAGAAACG GAGGAAGGGAAAGACGAAGAAGGGGCCAGAAGGAAACGGGGGGCCAAAG G GAAAGAGGAGGCACAAGAAGGGGGGAGAAAGAAAAACAAAGAGAGGAAG
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 AA $\operatorname{l}$ GGGCCAGGGGGGGGGCCGAGGGAAGAAAAAAGGGGAGAGGGCCTTA CGGAAGGAAGGCAGACCCCAGGGGGGAGGGGCCAACCAAGGAGAGAAGAG GAAGGCCGGGGAAGAAAGAGAGGAAGGCACAGGGGGGAAAGTTGAAACAG GAAGGAAAAGGAAAAGGGGCCAAAAGGAACCGGGGGGAAGGCCAAGGAAA AAAAACCGGCCGAAAGGACAAACGGGGGAAGGGCCGAAGAAGGGGGGAAC CGGGGGGGAGGAGCAAAGGAGGAAACCGACCGGAGAAGGAGAGAAAACCC A G G G G G GAAGGCCAGGGAAGAAAGGAAGGAGAGGGAGGGGAAGAGGGGG GGAGGATTAAGGAACCGGAAGGCCGGGGCCGGGAGGGAAGAGAGGAGAG GAAGGGAAAGGCCAGAAAGAAAAGGCCAAAGAACCAAAAGGAGAGGGCAG GAGGGGGACAGCAGGAAGGGGGGAAAAAGCAGGAACACAAACCAGAGAGG GGGCCAAAGAGAGGAGGGGAGGAGAAAGGGGAAGGGGAAAGGGAGGGGG A G G G A A G GAAGGAAGGGGAAAGAGAAGGGGAGAACAGGCGAACAAAGGG AA G GAAAGGCAGGAGAAATCCGAGAGGAGGAAAAGGGAGGGAAGAAGGG G G AAAAGGAGCCAAAAAAGGGGAAGGAAGCAAGGAAAGGGAGAAGGGAGG AGGGGGCAAAAACAAAGAAAGGAAAAGGAGGGAAGGAAGGACGAGAAGAA TTACAGGCAAAAAAAGGGAACAGGGAAAGGCCAATAGGAGAGAAAAAAGG G GCCGAGGGGAAAAGGGAGGAGAAAGGAAGAGAAAAAAAAGAAGGGAAGG G G G A GA GACCGGGGAGAGGAAAAAAGCCGAGGGGGAAAAAAGAAAAAAGG ACAGGGAAGGAAAAGGGGGGAAGGAAAAAAGGGGCGGAGGGGGGAAGGG AGGAAGGGGGGCCAGCCGAAGGAGGCCGAGCAAGGGGGGGAGGAAAAAG GGAAAAAACAGGAGGAGAAGAGGGGAAGGGGGGGGGACGGAGGAAAGGA AAGGGCAACAGAGAGGGGAGGGAGGGAGGCAGACCGGAAAACCGGGGCC G GAGAAGAGGAGGAAGGAGGGGAAGAGGACACACAAAAAAAAAACCGAAG AGAACCGGGAGGAAAAGGGGAGGAAAGGCCAAAAAGGGCCAAAAGGGGGA G GAGGACCAAGAGGGGGGGGGGCCGACAGAAGGAAGACGAAAAACAGGG GAAA G G GCCAGAGAAGGGGGGAGGGAGAGAGGGAAGGGGGGAGACGGGG AA $\operatorname{A} G \mathrm{G}$ GAGAGAGAGAGGAGAGGAGAGGAGGAAGGGAGAAGATAAAAAGG GAGAGAAAAAAAGGGAGAGGAGGAAGACCACGAGGGGGGAGGAACGGGG G G G GAA G GAGAACCGGGGAAAGAAGAGAGGGAGGGGGACCGGAACCAGG AGAAGGAGGAAGGAACCGGACAGGAGGCAAAAAGAGAAGCAAAGAGGGGA AAGGAGGGGAAACAAAAGGACAAAAAGGGAAGGAGCACCAAAAAAAAGGG GGGGGAAGATAAGGAGGGGGGGGTAAGGGAAAAGGCAAGAGGGAAGGAG AAAAAGAAAACCGGCAAAGGGGAAAACCAGAAGAGAGAGAGGGAGGGCGG GGGGGGGGAAGAGGGGCCAAAAAAGGAAAACCACGGGGGGGAGAGAACA AAAAACCAAGGGGAAAAGGAACCGGCCGGAAAGAGAGAGAGGAGGCAGAG GAAAAAAATAAAGAGAAGGATGAGGGGCCGGAGGGGCAGAAGAGGAGGAA GGGGGGGAAAAAAGGAAAAAGGAAAACGGAGGGAGGAAGAGGGGAGAGG GAAGGAGGGAAGAAGGAAAACCAACCGGAAACAAAGGGAGAGGGCCAAAA GAAAGAGGGGCCGGGGAGGAGAGAAGAAAAGGAGGGAAGGAGAGGGGGA AGGATACGGGGGGGGGGGGAAAACAGAAAGGGGGGAAAGAGAGGAAGAA G GCCGGACGGAGAAGGGAGGGAGGAGCATTAGGGTTGGAAGAAGGGGGA GAAAAAAACGGAAGGAAGAGAGGGGAGAAAACAAAAGGAAAAGGAAAGGA ACAAGGAGGAACACCAGGGAAAACAAAGAAAAACCGGAAGAAAAAGAAGG GAGGGAA GATAGGCCAGGGGAAGGGGAGGGGAAGGAAGGCCCCAATTGG AAGGAAGGAAAAAAGAAAAAGGGAACGGAAGAAGAATAGGCCAAAGAAAA AAACACGAGAGAAGGGAGGGAAGGGGGAAGGAAAAGAAAAAAGGGGAAAG A GAACCGGGGGGGGGGGGAAAAGGAAAAAAAGAGCCGAGAGGGAGGGGA AGGAAAAGGAGAAAAGGGGCCGGAAGGAAAAGAAAAGGAGGCAAAGGGAG GCCAAGGGGCCGGAGGGCCGGGCAAAGGGGGGGAGGAAAGGAAAGCGAG CCAAGGAGAAAGAGGGAAGGGGAAAAAGAAGGGGGGAAAAGGGGAGCAA GGGGAAAGGAAGGCCGAGAGGAAGGAAAAAAAAGGAAGGAAGAGGAGAAA AGAGAAAGGGAAAACTTACGGAGGGCAGAGGGGAAAAAAGAGAAAAAAAG GAGCAACCAAAGGAAAAGGGAGGGGAAGGGGGAGGAGCAGAAGAGAGAAA

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A G G GCCAAGGGGGGAAGGAGAAGGAAAAGGGGGGGGAGAGACAGGGGGA AAAAAGGGGGACAAGGGGGCCGGGGGGAAGGAGAAAGCCAACAAGAGGAA GAAGGAGGGAAGGAGAGAAGGCCGGAAGGGAAAGGGAGAAGAAAAGGAA AAGGGAAAAAAAAAGAACAGGAAGAAAGAGGGAGAAACGGAAGGAAGGAA AATTGGGGAAGGAGAGGAGGAAGGAGGGAACCAAGGGGGGACGGAGGGG AAA $\operatorname{A}$ GGGCCGGGGCCGGGACCCCAAAAGGGGAAGGGGGGGGAGAAGAGG G GAA G GAAAAGGAAGGAAAAGGGGGGAATTCCAAAAAAGGCCGGCCAAAA AAAAGGGGGGAAGGGGGGGGGGGGGGAAAAAAAACCAAGGAACCAAAAG G G G G G CCAAAAAAGGAAAAGGGGAAGGAAGGAAGGCCAAGGAACCAAAAG G G GAAAAAAAA G G G G G GCCAAAAGGGGGGGGGGGGGGCCAAGGGGAA GG AAGGCCAAAAGGAAGGAAAAAAAAAAAAAAAACCGGGGGGCCAAAAGGAA AA GGAATTAAAAAAGGAAAAGGAAGGGGGGGGGGGGGGAAAAAACCGGG GAAAAAAGGAAAAAAAAAAAAGGGGAAGGCCGGTTAAGGGGAAAAAAGGA AAAAAGGAAGGGGGGGGAAAAAAGGGGAAGGGGCCAAAAGGGGCCGGGG AAGGCCAAAAAAGGAACCCCAAAAAAGGAAGGGGGGGGGGCCAAAACCGG GGAAAAAAGGGGGGAAAAAAGGAAGGCCGGAAGGGGAAGGGGAAGGAAA ACCGGGGGGGGAGGGACAAAACCCCGAAGGGGAAAGGCCAGGGGGAAAG AAAAGACAGGCAAGCCAAGGAAAAGGGGGGGGACGGGAGGGGAAAGAAAG GACGAAAAAAGGGGCCGGAAAAAAACGAGGAACCCCACGGACGGAGGAAG AAA G G G G GAAGAACGGGGAAAAGGGGAAGAAAGGCAAGAGAAGGGGGGG AAGAAAAGGAGAAAAAGGGAACACAAACAAGCCAACCAAGGGAAAAGGAG GGGAGAAGAGAAAAAGGCCACGGAAGAAAAGGGCCAAGGAAGGGGACAGA AGGCACAGGAAGGCAGAGGGGAAAAAGACGAGAAAAACCTTGGAAGAAAT AAA $\operatorname{l}$ G G G G G GAGGGAGAGGGGGGTTAAGGGGGGGGAACCGAGGAGGAGA AAGGAAAGGAGGAGGGAAGAAAGGCGTTAAGAGAAGAAAGGGGAGGAATT ACAACCAAGGAGGGGGAGAAGGAAGGAAAAAAAAAAGGAAAAGGGGAAAA AAAAGGGGGAACAAAAAAGAAAAAAGAAAGGAGAACAAAAAAAAAAAAAG GAGAAACCGAGGAGAAGGGAAACCGACCGGCCAAAGAGAAGAGAGAAAGG AA G G G GAAGGCAACAAAAAAGGGGAAGAAGGGCCGGCCGGGGGGAAAAAA GGAAGGGGAGAAAGAAGGCCAAGGAAAAAAGGAAGGAAGGGGCCGGAGAA ACGAGAGGAAGGGGAACCGAGAGAAAGGGGGGAAGGGAGAAAGGGGGGA AGGAAGGAAAAAAAAGGGGCAAGAACCCCAAGAGGAAAGGGAAGGAGGGA GCAGAGGAGCAGGCCGGGGGAAGAAAAAAAAGAAGAGAAAAAAGAAAGGA GAGGGGGAAAGGGAAAGGGAGACGGGGAACCGGAAAAGGCCACAACCGAG AA $\operatorname{GAGAGAGAAGGAACGGAAGGGGGGGAACCGAAAAAAACCGGAAGGGGC}$
 CCGGGAGGGGAAGGGGGAGGAACCAGAGACGAAGGGAGAGAAAAGGGCC C G G G G G GAAAGGAGGGAGAGGCAGGAGGAAAAAAAGGAGAGAGGGGGCC GAAAACAGGGCAGGGAAGAGCCAAAAGGGGAACCAGATAGAAGAGGAGCA AGGGGGAACCACGGAAAAAAGGAAGGCCAGAAAAAGGGGGGGGGAGGGA GCCAGGGGGGGAGAAAAGGACGAAGGAGAGGCCGAAAGAAAGGAAGCCAC CCCGGAAGGAGGAAACACCGAGGAAGGAAGGAGAAAAAAAAAAGAAAGAG GAAGGCCGGGGGGAGCCAGCCGGAGGGCACCAAAAAAAAGGGGCCAAAGA ACCAACGAGAGAGAAAAAAGGGGCGCCAGAAAAGGAAGGAGGAAGAGGGG AAAAAAAGGAAGGAAACAAGGGAAAAAAAGGAAAGAAAAACAAACAAAAC CAAGGGGGGCCGAAAAGGGAGGGAAGAGAAGCCGGAAAGGGAGAGGAAA CCCCAAAAGGCCAGCAAAAGAAAACCAACAGGCAAAAGGGGGGGAAAGGA TTGGAGCCCCCCAAGGGAGGAACCGGGGGGCCGAGACCAAAAAGGGGAAA AAAGAAGGGACCGGAGGCGACAGAAAGGGGAAAGAGGGGAAAAAAAAAGA CCAAAGAAACGACACCGGACAGTACAGGAAGGGGGAAGGAGGAAGAGGGG AAGAAGAAGAGAGGAAAAAAGGGGGGGGAAGGGGAAAGGGAGAAGGGGG G G G G G G GCCCCAAAAAAAAAGAGGGAGGAGGGGATGAAAAACCGGGGGG AAACAAGGGACCGGGGGGGAGGGGAGGAAAAAAGGACAGGACGAAGGGG G G A G GAAAGGAAAGACCAGACAAGGGGAACCGGAAAAAGAAAAAAGGAAA CGGAAAAAAGGAAGGAAAAAAAAAAAGCAGGAAAAGGAAGGGGAGAAGAA AAAGGGAGGGGCCGGGGGGGAACAACAAGTAAAAGGAGGGGGGAGACAG AAAGGAGGGAGAGAACCCAAAAAAGGGGAAAAGGTAAACCACAGAAAAAA GGAGAAAAGACCAAGGAAGAAATTAAAGAAGGCCGGCCAAGGGGGGAAAA G GAAAACAGAGACAAGGAAGGGAAAAAAAAGGCCCGAAAGGAGAGGGGGG GGAGAAGGAAGCAAGGAAAAGGAGGAAAAAGGAAGGAAAAAAAACCGGCC AACCAAGGAAGGAAGGCCAAAGGAGAAAGAAAGGAGGAGGCCGAAAGAGG

GGAAGGAACCAAAGGAAAAAGGCCGAACGGAGAGGACAGAAAAGAGGAAA G G G GAAAAAAAGGGAGGGAGAGAAGAGGGGAAAAAAGGAGGACAACAAAT AACCCGATACAGGGAGACGAGAAAGGAAGGGGAAAGACAAAAAGAAGAGG GGGGAAGCAGCAGGTTCCGGAAAAGGCCAAGAAACCGGGGGGGAGGGGC CGAGAGGAGCCGGAAGGAGAGGAAGAAAGAAAAAAGGCCGGGGAGAAAGA C G GAAAAGGGGAACCTAGGAAGGGGAAAAGGAAAACATAAGAGAGCAGAG
 GCAGAGAGAAAAGGAGCAAGAGGGAAGGGGGAGAGGAAAAGGGGGGAAA AGGCCGGGGAAACAAGGGAGGAAGAGACCGGGGACGGAAGGGGAACCGA ACGGAGGAGAGAACAACCAAAGAGGGCAAGGGCAGGGGCATTAGAAGAGG CCCCGAAAGGGGAAGAGGGACCAAAAAAGGCCGGAAGGAAAAAAGAGAAA AGAACCGACCAAAAGAAAGGAAAAAAGAGGAAGAAGGAAGTAGGGGAGCA G G G G G A G G GAGAAAAGAGGGGGGGGGGGGGAAGGGGAAAACCAGAGAAA AAAGGGGACGGAAGAAAAACAGAACGAGGAAGGGGGGAAAAAAAAGGGGG GAAAAAACCAAAAAAAAGGACGGGGCCAAGGAAGGAAAAAATTAAGGAAA AGGAAAAGGAAAAGGAAAAGGAACCAAAAGGAAGGCCACGAGAGAAGAAA G G G G G G A A AA G GAAAAAAAAAGGCAAGCCAAGAAAAAAGGGAAAAGAAAA G G G G G AAAAAAGGAGGGGGAAAAAAAAAAAACCGGAAAGGGGGAAAGAGA G G G A AAAAAGAAGAGGAGAGAGAGGAGAGAGGAGAAGACATAGAGAGGAA CGAAGAGGAAGAAAAAAGGGGCCGGAAAAGGAAAAAGGGAAGAGGAAGGG AAAAGAACCCCAAGGCCCCCAGGAAAAGGAAGGCCAAAACAGGCCGGGAT A G GA GAA G GCCGGGGAGAGAAAGAAAGAGAGAACCGAACGGCCGGCCGGG GCAGGGGGAAAGAGGGGGGGAGGAGCAGGAGGAGGGAGGGGAGAACCAA G GAAAAGGAAGGCCAAAAAAGGGAGGAAAAGAAGAGAGGAGGAGAAAAGG AACCGGGGAGGGCCGGGAGGAGGAAGAACCGGGGGGAAGGAAGGCAAGA AA $\operatorname{A} C A G G G G G G G G G A C C A G A A A G G A A G G A G A G G A A G A A G G A C C G G C C G G$ AGGGGGAAAGAGACGGGGAAAACCGGAGGAAAAGAAGAGGAAAAGGAGGA AACCAGGGGGAAAAAGAACCGGAGGGCAGGGGGGCCAGAACCAAGGAAGA AAGAAACCAGAAAGAGACCCGGCACCCAACAAGGAGGGGGAAGGAACCAA GAGAGGAAAGGGGGCCGGCCAGGGGGACAGAAGGAAGGGGGGGGGGAAG ACCTTAAGACGCAAAAGGGAGGAAAGGCGAGAGGACGCACCAAGGGAGGG GGGCCGGCAAGGGGGGAGAAGAGAGAAAGGGGGGGAAAAAGAAAGAACC G G GAAAAGGAGGGAAAGAGGAGGGAAGAACAGAGTAGAGGGGAAGAAAA GAGAAAAAAGGCCAAGGAGAAGGAGAGAGAGAGAAAACCGGAAGGGGGGG AA GCCCCGGGGAAGGAAAAGGCGGAGAAGGAAGAGGGAGGGAAAGGGAG GAAAAAGGACACGGACCCGGGGAAGGGGCAGGAGAAAAGGGGCCAAGGAA AGACCCAGGAAACACCAACAAGGAGGAGAAGGGGAACAGGAGGGAACCAA CAGGGGAAGGGGAGAGGGAACCAGGAAAAAAAGGGGAAGAGGAAGGAAAA
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 CA G G GAAA $A$ AGGGACGGGGGGGGGGAAGGAGAGAGGAAAAAGAAAGGAG CAAAAAGGAGGATTGGGGGAAGGAAGGGCCAAAAAAAAAAGGGGAGGGGA
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 AA $\operatorname{GAA}$ A GAAAAGGGGGGAACAAAGGAGAAGAAAGAAAGGGGAGAGGGCCA AAAAAGGAAAGAGAAAAAAGAGGGGGGGGAAAAAAGGAAAAGGAGAGGGC CGGGGAAGGGAACAGGGAACCAGAGAACAGAGAAGAGGGAAGGAAAGGG GAAAAAAACAAAGGAGAAAGCCGGGAGAGAGGGAGAGGAAGGGGGGGGC CAAAAGGGGAAAAAAGAGGGAAGGGGAAAACAAAAGGGGAAGAAAAAGGG GGGGGAAACACGGCCGGCCGGAAGAAGCCGGCCAGGGAGAGGGGGCCGG AGGAGGAGAAGGAAGAAGGGGGAAGGAAAAAAAAGGGGGGGGGGGGAAA GAGAGGGGGAAAGGGAAAGAAAAAGGGGAAAAAAACAGGGGAAGGAAGGA AGGGGCCAAGGGGGGAAAAAAAACCGGGGAAAAGGAAGGCCGGAAGGAAG GAAGGAAAAAAAAGGAAGGAAGGAAGGAAAAAAAACCAAAAAAAAAAGGG GGGAAGGGGGGGGAAAACCCCCCAAAAAAAAAAGGCCAACCAAGGAAAAA A G GAA G GCCGAGGAGACAGGGAGGGAGAAAAGGGGAAAGCCCCAAAATTG GAAGGCCAAAAAAAAGGAAAAAAAAAAAAAAGGGGAAGGGGCCCCGGAAC CGGAAAAAAGGAAGGAAGGAAAAGGGGCCGGAAGGCCGGCCGGAAAAAAG GAAAAAAGGCCAAGGAGAAAGACAGAAGAGGCCAAAAGGGGGAAGGAAGG G G GAAAGGGCCGGAAGGAGGGGGGGGGGAAGCCAAGGAAACAGGGAGAG A GAAA $\operatorname{A}$ CAGGCCGGGGGGGGCCGGGGGGGGACCCACACAAAGCCAAACGA GAGAGGAAAAAAAAAAGGGGAGCAAGGGGGCCGAACGGAAAAGAGGGAGG ACGGAAGGAAAGCCGGGAGGACTAGGAAAGGAAAGGCCGACAGAGAAAAA GGAAA GAAGGGGGGCAAAAAAACCGGGGCCGGGGGAAAAAGGGGGGGGG GGGAGAAAAGGGAGGAGAACAGAGAAGCCAAAGAAGGAAGAGGAAAAAAG GGGAAAAAAGGGGGGAAGGAAGGGGGGGAACGAAACCGGTTACAGGGAA G G G GAA $\operatorname{A} A \operatorname{A} A G G G G A G G G A A A A T A G G A A G A A A G G G G G G T T C C G G A A G G A$ AGAGACCCCAAAGGGAAAGGGCACCCCAGGAGAACGGCCCAGGAAAAAAA GATACAAAAGAGGCAGAAGCAAAAACCGGAGGGCCGGAGAAAACAGGGGA GGGAGAGAGCAGACCGGCCGGGAGGGGACAAGGAAGGCACCAAAACAGGA AGGGGAAGCGGAAGGAGAAGGCCCCAAGGGAAAAAGGGGAAAAGGAAGG G G G G A G A G A A G G A A A A G G G GAGAAAAACAAGAAGGGGAGGGGGGGAGGA GAGATAGACAGGGGGAAAAGAGGAGAGACCCGGCAGGAAGAGAAGGGAAA A G GCAGGAAAAGAGGGGAGGGAAGGAAGAAGAAGGAAGGGGGGCGGGGA GATTAGGGGACCAAAAGGAAAAAAAAGGTAACAAGAGAGGAAGGGGAAAA CCGGGGCCGGGGGGTTAAAAAAGGGGACGGCCAAGGAACAAAGGCCAAAA TTGAAGGGGAATAACCGGCCAAAAAGGGGGAAGGAGAAAAGAGAAGGGGG GGAAAAAAGAAGAGAACCCAAGAAGGAGGGGAGAAGCCGGCGACAGGGGA AA $\operatorname{GAA} A A A G C G G G A A G A G G A G G G G A A G G A A G G A A A A A A G G G G G G A A G G C ~$ CGGGGAGGGGGAAGGAAGAAAAAGGGGGGCCGGAAGAGGCCGGAACCGG GGAAAAAGGGAAGAAAGGGGAAGGAAAGAAAGAGGGGGGGGAGGAAACG GAGGGAAAAGGCAAAAAAAAAGGGGAAGGCCAGAAAACCAGAAGGGGAGG G G G G G A G A A A A A G GAAGAGGGAGAGAAGGCCGGAAAAGGGAGGACCACAC C G G G G G G A G G G G GCCAAGACAAGGGAGGGGGAGAGGAGGGGGGCGAACC

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 GCCCCACAAGGCAAAGGGAGGCCAGGAAAAAAAAGAAGGCCAGGGGGACA A G G G G G G G G A A A CAAAA G GAAAAACGGAGGGAGGAAGCCGGGGAGAGAG A GA $\operatorname{A} A \mathrm{~A}$ GAAAGGGGGGAGAACCGAAAGGGGACGGAAAGGGGGCCGGGGG AAAGGTTGGGGAGAAGGAAGGGGAACCCGAAAGAGAGAAAAAGAAAAGGC ACAAGAGGGCCAAGCAAGAAGGGAGGGACGGAACCCCAGGAGGGAAGCAA GGGGGAGAGGAGGTTAAGGAGGGAAAGAAAAGGAGGGTTGGGGAACCAG GGAAGGAAAGGGAAAGAGGAGAAGAAGGAGAGACGGAAGGAAAGGAGGA GGGAAAAGGGACCCCGAGGAGAGAAGGCCGGAGGGAGAACCGGACAGAAA AAGGGAGAAAAGGGGGACCGGAAAAAAGGACGGACAAGCAGGGGAAAAGG GGGGGAAAAGGAGAAGACCGGAAGGAAAAAAAAGGAGAGGAGAAGGAACG GAAAAGACAAAAAAAGGAGGGAGGAAAGGGGGAGGGGAATAAGGGGGAAA GCAGGCCGAGGAGGGGGAAAACCAAGGAAAGGGAGGGAGCAAGGGAAAAA AAAGGGGAAAACCAAGGGGAACCGGCCGGGGGGGGCCGGGGCCAAGGGG GAGGAAACGAGGGGGGAAGGGGCCAAGGGGGGAAGGGGAAAGGGGGAAG G G G G G G G G GAAAAAAAAAAAAGGAGAGGGAGAAGGGGAGAACCAGAGGA GACCAAAAGGAAGGGGGAAGGAAGGGAGGAGGGGAGAGGGAAGAAGGGA GCAAGAGGGAGAAAAAAGAGGGAGAGGCCACGGCCAAAGGGGGCAGGAAA GGAGCGGCAAAGGAAAGGGCCGGAAGAAGGGGGGGGGCCGGACGGAAAA G G GAGGAGGGAACAAAAGGCGAATCCGGGAGGGGAAAAAAAAAGCAAAAA TTAAGAGGAGGGGGGGCCTTACAGGAAGGGAAAGAGGAGAAACCGAAAGA CAGGGGGAAAAAAAAAGAGGACAGAGGGCCAGGAAGAGGGCCAAAGGGGG A G G GAA G GAAA GCAAAAAGGGGGGGAGGAAGGAAGAAACCCCGAACCCAA AGAGGGAGCCGGAAGCGGGAGAGGAAAAAGGAGGAGAAGAGAAAGGAAG GGGAAAAAATAAGACAGGAGGGGGAAGAAAAGGAACCCCGGCAAAAAAAG GGGAAACGGAGGGACAACCGGCCAAGAAGAAAACCAAGAGGGGGGAAGAG AA $\operatorname{A} A A G G G G C C G G C C A G G A G G A T A A A A G G G A G G A G A C G G G G G G A A G G A G ~$ GAGGAGGAAGGGGAAGGGAGAAGAGAAAGAAGGGGGGACCAAGGGGGGA GAAGGCAAAAGGAGAAAAAAAAGGGAGACGGGAGGGAACGGCCAAAAAGA ACCCCAGGACAACGAAAGGAAAAAACCGGAAGGGGGGGGGGGGAGGGAGC AA GAAAAGGACGACCCCAAGGGGGGGGGGAAAAAAAAGGGCCAGAGGGAA GAAGAGAAAGGGGGGGGGAAAGACCAACCAAGGAAGGGGAAGGAAGAAAA AA $\operatorname{A} A A A A G A G G A A G G G A G G G A A G G G A A C C G G G G C C A A G G A A A A A A A G G A G$ ACCGGGGGACCGAGGAAAACCGGAAAAGAAACGCGGGGAAAGGAAAAAAA AGGCCAAGGGAGGGAAGAGCCGGGAAAAGGAGGAAGGAAGGAAAGAGGA
 AAGAAGACCAGGGAGAAAGAGGAACAAGGGGAAAGAAGGAAAAAAGGCCG GAAGAAACCGGAAGGGAGGGAAGACAACCACGAAAGGGGGGAAGAGAAGG A G G G GAACAGGCAAGGGGGAAGGGGGGAAGGAAAAGGCCGGGGGAGGGG AA $\operatorname{A} G \mathrm{G}$ GAAAAGGGAAAGGGGGGGGAGGGGGTTAAAGCCCCAGCCGAGAA ACCGAGAAGGAGGAAGAAGGACAAAGGAAGGAAGGAGAGCGAAAAAGAAA G G GCGAGAGAGGAGGGGACAGCCGGGGGGAGACGAGGACAGAACAAGAA

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 AAACAAGGGGAAGGGGCCGGGGAAGGGGTAAAGGGGAGAAGAAGGGAAG AA $\operatorname{l}$ GGAAGAGGCCGGGGGAGAGACCGGCAGGAGAGAAAAGGGGAGGAAT CCGAAGGAAGAATTAAAAGGAACCCCGGAAGAAGGAGAAGGGGGAAGGGG AA G GAAAAGGAAGGGGCCAAGGGGCCGAGACAAAAAGGGGGAAAACGGAA GGCCAGGCGGAACAAGCAAAGAACCAGGAAAAAAGAAGGACCAACCAGCC AACCAAAAGGCAGGACGAGGAGGGGGGAGAACCCAAAAAGAGGGCCAAGA CAA $A$ AGAAGGAGGCGACGGGATAGGGGGCAAAGGAGGGGGGGGGCCGGA AGGGGAAAAAGAAAGGGAAGGCCGGCCGGAAAAAAGGGGGGAGGGAATTA GGAAAGGGAAGGGGGCCAGGGGAAAGCGGAAGGGGAGGGAGCCCCGAAG GAAGGAAGACGGCCGGGGCCAGAAAAAGGAGAGAGGAAGAACAAAGGAGA AGGGACGGAGGGAGAGGGAGGGGAAGGAGGGAGCGGGGAAAAGGAGACG GAAAAGGCACAAGAAGAGAAGGGGGGGAAGGGAAGAGGGAAGGGGGGGG CCAGGAGGCCCCAGACACGGGGGGCCGGAGCAAGAAGAACAAAAGAAGCG AAGGCCAGAAAAGAAGGGAAAAAGAGGACCGGGGCCAGAAAGAGGAGGAC AGAGAAAACCAAAGCCCCAACAAAGGAAAAGGCCAGGGGGGAGGCCAGAA G G G GAA GAAACCGGAAGAAAGGGAAGAGCCGGGAGAGGAACAAGAGAAGG GAGGAGACGAAGAGAAAAGGAGGGGGAAAAAAAAGGAAAAAAGAGAGGAG GGAAGGGAACGGAGACAAGGAAGGGGGAGAAGGGAGAAGGAGGGAGGGA GAGAGAGCCAAACAGGGGGGGAGGGAGAAAGGAGGGGGGAAGGGAAAGA AGAGGGAACCGGAAGACGGGGGAACCAAGGAAAACCGGGGAAGGAACCGG AA G GAAA GAGCCAGAAGGAGGAAGGAAAGGCCGGAGAAAAGGAGGGAAGG AGGAAAGGGGGAGAAGGAAGGAAACCAACCGAAACCGGAGAAGGAAGAGG G G G GAAAAGGGGAACAAGTTGAGGAGAGAAGAAAGGACCCGGAAGGAAGG G G G G G G A A G G G G G G G G G GAGGGAGGGAGCAAGGAACAAGGAAAACGGGG ACCAGAAAAGAGGGGAGAGGAACGAAAGAGGACGGGAGAGGGAAAAGCAG GCCAAAGGGGGAGTTGGGGGGAAGGAAATAACCAGGGAAACGAAAGGGGA AGAGGAGCAGGGGGGGAGGGGGAAGCCCCGGAGCAAAAACCGGAAGGAA CCGGAAAACCCCGGAAAAAAGGAATTAAAACCAAAAAAGGAAAAAAAAGGA

A G G G GAA G G G GCCGGAAGGGGAAAAGGGGAAGGCCCCAAAACCGGAAGG AAAAAAGGGGAAAACCAAGGGGGGGGGGAAGGGGAAAAGGGGAAAAAAAA AACCAAAAGGGGAAGGAAAAGGAAAAAAGGAAGGGGAAAAAAAAGGAAAA AAAAAAGGGGAATTAAGGAAAAGGGGGGAAAAAAGGGGAAGGAAAAAAGG AAAAGGAAGACGCCAAAACAAAGAGGACACGGGAGAAACAAAGGAAAAGA AAAAAGAAGGGGAAAAGAGGGGGGAGAAGGGACCGGAGGAAAGAGGGGA GAGGAAGAGAAGAGGGAAAGGCAGGGACATAATAGGGCCCCAAAGGGACG G G G CAA GCCAGAGGACCAAGAAAGGGGGGACGGAACCAACCGGGAAGAAA AGAAAAAAAAAAGGGCACCAAACGAGGGAAGAAGGCCAAAAGGAGGGGAT TAA G GCGAAGGGGGAGAAGGGAAAACCGGGGACAGAGCAAAAAGGGGAAG GAAAACCAAAAGGAGGGAGGGAAGGAAAGGGAACCCCAAGGGGAAAAAAA AAAAAGGGGGAGGAAGAGAAAAAGGGAAGGGAGGAAGAAGGCGAAGACCC CAAGGGGAAGGAAAGAGAGGAAGGACCGAAGGGAAGGAGGGAGAAGGAG AAAGACAGGGAGAGGAGGGAGGGACACAGATACCAGAAAAGAGAGACAAT AGGGAAAAGGGGAAGGACAAAAGACAAGCCGGCCGGAACCAAACCAAAGA AAGAGGAAAGGGAAAGGGGAAGAGGGAATTAGCCAAAAAAAGCCGAGAAA GGGGTTGGACAGGAAAGAGAAAGGGATTCCGAGAAAGGAAGGAAAGAGGC AA G GCCCCAACCGGGGGGAAAAGGGGCCAAAAAAGGGGAAAAAACCGGCC GGAAGGAAAAGGAAAAAATTAAAAGGCCGGCCAAAAAAGGCCAAGGAAAA G GAA G GCCGGTTAAGGAAAAAACCGGGGGGGGGGAAGGGGAAAAAAAAG GAAAAAAAAAGAAGAAAAAAAAAAAGAAAGAAGAGACGGAAGGCCGACCG GCAGGAGGGAGAGGGACGAAGTACAGGCCAAGGGAAGAAGAAAACAGAAA AAACAAGAGAGGGAGGGCGAGAGACCCAAAGAAAGACCCAAAGAGCAAAA AAAGAGGAAGGAAAAGGAAAGAACAGAGGGAAAAGAAAAAGATAGGGAAA A G G A G A A G G G G GAGAAGGAGGAGCCAGCCGGAGAAGGAAGGGAGAGAAA A G G GAAGGAAAAACGGACAAAACCCCCCGGCCACGGCCGAGGGAAGAAGA CCAAGGGGAAAAAAGGGGAAGGGGGGAAGGAGGACCGGAAAGGGGAAAA GCCAAAAAAGGAAAAAGAAAGGGGGGGAGGAGAAGGGAAAAGGGGGGGC AA G GAGAGGAAGGGGAAAAGAAGGGGGAGGAAAACGAGAGGGAGGGGAA GAGAAAGGGGGAACAGAAGGGGAGGACCGAGGGAGGGAGCCAAGGGGAA GAGACCATGAGGAGAACCGAGGGAGAGGAGAGAAGGAAGAAGAAGGAGG GCAAGGGGAGAGGAAAAGGAGATGAGGACAAGGAAGGGGAGGGCCAGAA G G G A A A G GAAGGAAAAGGGAGGAGGGAAACGGAGAAAAAAGGCAAAGAAA AA G G GAAAAAAGGGAGGGAAAGAAAAGGCCAGAAGGGGGGGAGAGGGAG AA G G GAAGGAAGGAAAAGGAAGGGAGAGAAAGGCCAAGAAGGGAAAAAAG GGGAATTCCGAGGGGGGGGAGAACGGGAGAGAAAAGGGGCAGGAAGGGA AGAAGGGGAAGGCCGAGGAAGAAAGAGAGAGGCCGGAAGGAGGACAGAAA CCGGGGGGAAGGAGCAAAGGAAAGGGCAAAAAAACACCAAGGGAAGGAAG GGAGGGAGGGAAGGAGAAAAAAGGGGAGAAAAGGGAAGAAGGAAGGAAG GCAGGAAAAGGTAAGCCGGCCAAGGGGGAAAAGAAAGAGGAAGGAAGGAC CGGGAGCAGAAGGAGAGGAAAGGAAAAAAGGACAAAAGGAAAGGAAAAGA AGAAACCTTGGGGAAGAGGCCAGAGGGAAAAGAACCCAGAGAGAAGGAAG CGGACAAAAGGAAAAGGGGAGGGGGAAAGAGCAGGGAGAAAGGAGAAAAA GGAGACAAGGAAGAGGGGGAAAGGGACGCGCACCCAAAACCAAGGCGGAG A G G G GACAGAGACAAGGAAGGGGGGGGGGAATTGGGGGAGGGAGGGGGG AGGGACACAGGAAGGACCAGGGGGCCAGAGGAAGCCGAGGAACCGGAAAA AGAAACAAAAGGCCGGGGTTGACCGAGAGGAAGGGGAGAAAACAGGAAAG AAGGGGCCAAAAAATTAAGGAGAGAAAAAAAAAAAGAAGGAACCAAAAAA AA G GAAGGAAGAAAAGGGCCAAGACCAAAAAAAAAGCGAGAAGGGGGAGG GGAAAGGGAAGAGGGAGGGAGAACAGGGGAGGGGTACAGACAAAAGAGG GAGGGAAGGGAGAAGGGGGAAAGAGACAACCGGAGCAAGAGAAAAGAGGA GAGGGAGAGAAGGCCGGAAGGGGAAAAAGAAGGAAAAACAGGGGGAGGG AGAACCGGCCGGGGGGAAGACAAAGGAAGGGGAAACGGAAGGCAGGAGCC AAAGAACCAGGGGGAAGAGGCAGACAGAGAGAAAGGGGCAAAAAAAAGGA GACAGAGGGACCAGAGCCGGGGAGGCGAGGAGCCGAGGGGAAGGGGAGA A GAGGAGGGAAAAAACCGGCCAAAAGGGAGGGGGGAAAAGGGGAAGGGG AAAAGGCCGGAAAAGGAGGGAAAGGAGGAGGGGGGGAAAAAAAAGGCAG GAGACGGAGAACCGAAAAAAGGAGGCCAAAAAAACAGCCAAAGGAGGCCA ACCGAGAGGGAACGGGCACGGAAAAAAAGAGCAGAGAAGAAAAAGAAAAA AGGGAACACGGAGGAAAAAGGCAGGAGAAAAGGACAAGGGGGAGAAAGGG GAAAACAGGGGGAAAAAGAGGTTGGAAAGGAGAGGGGAGAAAAAGAAGGA

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CCGAAACCGGAACAGAAAGGAGGGGAAGGAAAGGAGGGAAAAAGAAAGGG GAAAGAAGACTTAGGAAAGGAAGAGGAAAGGGAAAGGGAAAAGGAACCAA G G G GAA G GCCCCGGCCAAGGCCGGGGGGCCGGAAGGGGCCGGAAAAGGA AAAAAGGGGAACCGGGGAAGGGGGGAAGGAAGGAAGGAAGGCCAAGGCC AAAAGGAAAAAAAAAAGGAAAAGGGGGGAAGGGGCCAAAAAAAAAAAAGG AA $\operatorname{G}$ GAAGGAAGGGGCCGGGGGGAAGGGAAAAAAAGGGAGGAAAGAAGGC CGGGGAAGACCAAGGGGGAACAAGGGGGGCCGGGAACGAAGAAGGGAGG GAGGGGAAGAGAAAAAAGGGAGAAGGGGAGAGGGAAGGGGAGAAAAAAC AAGGAGAGAAAGGAGGAGGCAAAGGAACCCCACGAAGGGCCGGAGCACAA GAAAAAAAAAAGGCAGGGGAAGGAAAACCAAAACAAGACAGAGAGAGAAG AGGGACAAAACAGAGCAGGGAGGAAGGCCAGAGAGGGGGGGCGAAAACCG AAAGGAAGAAAAAGGAAAACCGGAGAAAGCCAAAAGAAGAACCGGGAAAA GCCATCCAAGAAAGAGGGGGGCCAAGAAGAGGGCGGGCAGACGACCCGGA AGGAGAACCGAAGAAAGAAAGACGAAGAAGGAAGGAAAGAAAAGAGAGAA GGGGGCCAAGGGAGGGAAAGGGGGGAAGGAGAGGGGAGACAAGGGCCCC CCAGGAAGAAGGAAAAAGGGGGAGAAAAAAAGGGGGTAGAGGAAACGAAA GAGACAAGGGAAGAGGAAGAAACAATAGACGGAAAGAAAGGAAAAAGGCG GG GAACAAGAAAAGACAGAGGGAGAAGGCAGGAAAAAAGGGAAGAAAAAA GAGGGGAGGGGAGGCACAAGGGAAAAAAAGGGGGAAAAAGGGGGAACCC CAACCAAAAAAGAGGCCGAGGAGAACCGGAAGAGGGGGAGAAGGAACAAG G G G AAAAGGGGAAGGAGAACCAGGAGAGGCAAAAATTACGGAGGGAAAGA AGGAAGGGAAGAGCCGAGGGAAAGGGGGGAAGGCACCCCAAAACAAAGGG GAAGCAAGAGGAACCAAAGAAGGAAGGAAGGGGGGAAAAAAAAACGAAAA AGGGAAGAAAAAAGAGGAGGGACAAAGGGAGAAAAGGGAAGGAGCAAGGA GAGAGCAAAAAGGAGGAGAAGGCGGAGAAGAAGCCCCAAGGCAGAAGGAG GCCAAGGCCGGAGAAAAAGAAGGGCGGACGGCACCCCAAAAGGAAGGAAA A G G G G A A G G A A A GAAGGGAGGGGGGAGGAGAGAGGAAAGCCCCGGAGGG G G G G G GAA $A$ AGAACTAGAAAAAGGCAGGAAAAGGGGAAAAGGGGGGGGA AAAAAGGCCAGAGGGAAAGAGGGCAGGGGAGCAAGAAGGGAGGGGGGGG GGCCAAGGGGAACACAGAGGAAGAAGAAGGGGAGAGAGCCGAAGACAGAA GAGAAAAGAAAAGGAAAGGAGAACACGAAGGAAAGAGGAGGAGGAAAAGA GGGGGGGGGAACACACGAGGACAGAAGGAAGGAAAACCCAAGAAAGAAAG AAAAAAAAGGGGGGGGGGGAGGAACCAGCAGGAGGAAAACGGAAAAGAGG ACAGCACCAAGGAACCGGGAGGGGAAAAAAAGAGACCCAAAAGGAGGATA CCGACCAGCCAGGGGGGGAAAAGGCCAAGGGAAGACGAGGAACCCCAGGG CCAA $\operatorname{ClG} \operatorname{GGGGGGGGCCGGAAGGGGGGAAGGAAAAGGGAAGGGGGAAGGC}$ CAAGGAGAGGGGGGGAAAAAACCGGTTAAGGGGAAAAAAGGGGCCGGGG CCAAGGGGCCGGCCGGAAAAAAGGAAGGCCGGAAGGAAGGGGAAAAAAAA G GCCGGGGAAGGAAAAGGCCAAAAAAGGGGAAGGGGAAAAGGAAGGAAAA GGAACCGGAGAAGAAGGGACAAAGAACCCCAAGGAAGGGAGGGGGGCACC AGAAAGAGAGGAGGAGAGCAAGGGGAAAAGCCGGAGAGGGCCAGAGAAAG AGAGAGACAGAAGAGGGGCCGGAGGGAAGGGAAAGGGAGAGGGGGGAAA G G G GAAGAGAGAGAGAAGAGAAAAAAGAAGGCCCCCCGGGGACAAAGGGG AAGAGAAGGGGAAGGGGGAACGACAACAAAGAAAGAGCCGGGAGGAAGGG GAAGGAAGGGGAAGGCCAAGGAAAAAAGGGGAAAAAAAGGGAGAGCAGAA GGGGAAAGGGAGGAAAGAAGAAGAGGGGAGGGGGGCAAAGAAAGGAAGG AA $A$ A $\operatorname{AGGGGGGGGGCCGGGGGGGGAAGGGGAAGGAAGAGGGGAAGAAAG~}$ GAGAAGGAGAAGGAAAAGGGGCAAAAGAAGAGGAAGGGGCCGGAGGAAG GAAGAGGAAAAAAGAAAGAACCACCGGGAGAGAGCCAACCGGGAGGGAGA ATAGAAGGGGGGAAGAGGGAGACCGGAGACAAGAGGAAAAGCAAAAAGGG GAGGAAAAGAAGACGGAGGGCCGGAAAAGGAACAGGAAAGAAAAAAGAGC AGGGACAAAGGGGGAGAAAAAACCGGAGGGAAGGGGGGGAGAGGAAAAG AACGACAGGAGCCGGGGGATTAAGAACGAAGGAGAGGACAGCCGAGGAAC AACGGGGAAAAGGAAAAGGAGAAGGACGAAACCAAAAGGGGAAAAAAAAG G G GAAAAGGGGCCCCCCGGAAAAAAAAAGAAAAGGGGGGAGCCACCCAAA GAAGGGAGGGAGCGGAAAGAAGAAGGGAGCCAAGGAAGGAAAAAAACGGG GAGGAGGAGGGGGGGCCAGAAAGGAACAAAGCCGGAGGGCCGGGGAAAA G GAGGGAGGGGGAAGGGGAGAGCCAGGAGGACAGGGGCAAAAACGAAGG AAACACCGGGGAGAACCAACCGGAAGGGGGGGGGGAAGGAAGGCCGGAA GGGGGGAAAAAAGGGGGAGGAAGGGAGAGAAGGGAAGGAAGGCCAAAGA GCCAAAGGGAGCAGGGAGAAAAGAAAAGACAAAACAGACAGAGGAAAGAG

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 G GCCAGGAGGCAGGAGCCGGATGAGAAAGGCAAAAGGAGGGGCCAAGGA GAA G G G GAAGGAAAGGGGGGGGAAAAGCCGGAAACAGCCAAGGCCGAGG AAAGAAAAGGAAACAGGGGGGGAGAGGGAAAGAACCCCGGGGCCAAGGGG G GAGACGGAAAAGGGGAAAAAACCGGAAGGCCGGAGAGAGAGACAGGGAA AAAAAAAAAAAAGAAAAACCAAAGGGAGAGCCCCAGAAGGAAAGGAAAGA GGGGAAGGGGAAGGGGAAAAAGGAGGGAAGAGACCAAAAAGAAGGGCCAA CCAGCACCAAAGGGGGGGGGAAGGGGGGGGGGAAGAAGCAGGGGAGAAC AAAAAAGAGGGAACCGAATGAGACCACGAGGGGAAGGACGGAAGGGAAAC GAACCAGGAAGCCGGGGCAAACAAACCCAAAAAAAGGGGCCAGAAGGCCC CAACCGGAAAAAAGGAACCAAGAAGGGAAAAAAAGAAGGAACCGGAGAGG AAAAAAAAAGGGGGGAAAAGGCCCCGGAAAAAAACAGAAAAACAAAAATG

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G G G G G G G G G G G G G A A G G G G G G G A A G G AA G G G G ACAGAAGGAAAAAGGAG GGGAGGAAGGGGGGGGAAGGGGAGAGGGAAAAAAAAAAGGAGAGAGGGG AACAAAGGGGGAGAGAGGGACGAAAAAACGGACAGGGAGCCAAAAGGGAC AGAGACAAAAGGAGGGGCCAACCGGGAGGAACCCCAAGGGGAAGGGCAAC AA $\operatorname{l}$ GGGAGAAAGGAAAAGGGGAAGGAAGGCCGGAAAAAAAGGGGGGGGGG G GAACCAAAAAAGGGGAAGGGGAAGGAAGGCCGGAAAAAAGGGGAAGGG GAAAAGGCCAAGAGGGGAAACACGAAGAAGGGGGAAGACAGAAGGGAGAG GGAGAAAGGAAGACCAAGGGGAGAAAAAAGGGGAGGGGGACGGAGGGAG
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 AA G GAAA $\operatorname{A}$ GAGAAGGAGGAGGGGGGGGACGCCGGGGGGGGAAGAGAAGG GAC GAAAGGAGAAGAGAGGGGAAATACAAAAAGAGAAAAAACCGGAGGGA AA G G GAGAAAGAAGGAAGGGAAGAGAAGGCCGAGGAAGAAAGAGAGAAGC CAGAAAAGGAAAAGAAACCGGGGGGGGGGGGCAGAGAAAGGGGAAAGAG GAAACCAAAGGAGGAAGGGGAGAGGGGGCAAGAGAAGGGGAAAAGGGGC CGGAAGGAAGGAAAGGAAGCAGAAGAAGGAAGGCCAGCCAAGGAGGACAA GAAAGGGAAAGGAAGAACCAGAACCGGAAAGAGAGAAGGGGAAAAAAGGC CAAAAGGAAGGGGGAGGAAGAAACCATGAGGAAAAGGCCAAAGGGAAGAG AACCCAAGGAGCCAAGGCCAAACAAAAGGAAGAAGGGAAGGGGGAAGGGA AGGAAAAGAGGAGAAAAAAGAGGCAAGGGGGGGGGGGGAAAGGCCGCGG ACACCAAACCAAAACCGAGAAGGGCCAGAGACAAGGAAGGAGAGAGAGGA ATAGAGAAGGAAAGGGGGGGGGACCCAGAAAGGGCCAGAGGACCGGGGA AAGCCGAGGGAACAGAAGAAGAACCAAAAGAACAAAAATGACCAAGAGGA A G G G G G GAGAACCGGAAGGAAGGCGACAAAAGGTTAAGGGGGGGAAAAG AAAAGGAAGGGAGCGAGAGAGAAGCAGGAGAAGGAAAGCCAAGAACGAAA ACAAGGGGAAAAAGGGGAGGGGGAGGGGAAGAAGGAGGAAAAACAGGGG AA G G GTTCCAAAAAAGGGGGGGGGGAAGGAAAAGGAGAGGAAGAGCCGAA CGGGGCAGGGGAAAAGGAGAGGGGGAAAAAAGGCCGGAAGGGGAAAAAA AA G GAAAACCAAGGGGGGGGAAAACCGGCCGGGGGGAAAAAAAAGGAAGG GGAAAAGGAAGGCCGGAACCAAGGAACCAAGGGGAAGGGGAAAACCGGAA AAAAGGGGCCAAAAAAAAGGGACCGGAGGACCGGAGCCGGGGAGGCGAGG G GAA GAGGAGGAGGAAAGAAGAGGGGAAAAAAACCCGGCAAAAAAGAAGG AGGGCAAAGGGGAAGGGGAAAAAGACAGGAAAAGGGAAAAAGAAAGAGGG A G G G GAGAGAAAGGCAGGGGCCGGGGGACCGAGAGAGGAAGGCAAGGAA GACGGCCAAAGGAGGCCAAACAAAAAAAACCGGCCCCGGAAGGGGGGGGA AAAGGAAGAGAAGGAAAAAGGAAACCCAGGGGAAAAAAGAAGGGGAAGAA GCCAAGGAGAAAAAAGGGGAAAAAAAGAGAAAAGGAAGGAAAAAAGGAAG G G G G G G G G G A GAGAAGGAAAGCAGGAGGGGGAGGAGGAAAAGAAAGGGG G G GAGGAAGACCAACCGGAAGGAAAAGAGAGGCCCCGGCAGAAAGGAAAA AAAAAGGAAAAAGGCCGAAGGACACCAGGGGGAGAAGGGGGCAGGGCCGG ACGGAAGGGGGGGGAAGGGGAGAAAGAAAACCGGAGAGAAGAAGAAACG GAAGGAAAAGAGGGGGGAAAAAAAAGGAGGAAATTAAGAAAAGAAGAGAG AAAGGAGAAAAGAAAAAAGGACAGGAAGGGAAAGGAGAGGGGGAAGGGAA G GA G G G A A GAAGGGAAAGGGAAAGAGGAGGAAGCAAAAGAAGACCGAACA
 GAGGAAGGGAGGAACCGAACCCGGAGAAGGAAAGAGGAGGAAGGGGAAA GAAAGGAAAGAGGCAAGCAAACCCCGATAGGAACGGGCACCGAAAAGAGA AAAAGGACCGGAAAAAACCGAAGAGAAAGGGGGGGCCACACACAGGGGGA A G G GAGGCCAAAGGGGAAGAAGGAAGGAGGGCAGGGGGGAAAGAGAGGA AAAAGGGGGGGGGGGGAGACAGAGCCGGGGAAAAGGCAAGGGAGAAGGG GGGGGAAACGGAAGAAAAAGGAAAAAAAAAGAGAAAAGGGGACGAAGAAA

A G G G GAA G GAGAGGGGGGAAAAAGAAAGAGGAAAGACCCGGAGAGGGAA AACCGGGAAGAGAGGGAGAAACGAAAGGGGTAAGAGGGCCGAAAAACCCA GAGGGGAGGAAAGGAAGAGGGGGAAGGGGGGAAGGAGGGGGAGGAGAGG AGGAAGAGAAAAAAGAGGAGGGGGAGAGGAAGAACAGAAGACCGGAGGAG GAAAAGGAGGGGGGGAGCAGGGAAGAACCGGAGGAAGGGACAAAAAGCCC ACCGGAAGGGGAAGGCCAAGGGGGGAAAAGGGGAAAAGGAGAAGGAAAG G G A A GAGGGCAGAAAAAGGAGGAAGAGGGGGAACAACCGGAAAAAAAAAG G G GACCGGAAGGGGTTGGCCGGAGGGGGAAGAGGAAACCAGAAAAGAGG GGGAAAAGGAAGAGGCCGGAAACGGAACCGGGGAAAGCCAAGAGAAAAAG GAGAAGGAGAAAAGGGAAGAAGGCCAAGGGAAGGAGGGAAGGAGAGGGG GGAAGGGGCCAAAAAAAAAAGGAAAAGGCCAAAAGGAAGAAAGAAGGAGA AGGGCAAGAGGGGACAGAAAAAAGGGGAAGACGGAGAAAAGAGAAGCCAA GGCACAGGAACACCAGGGGAAAAAAAGGGAGGATGGAGACCCGGGGGGAA AAAAGGGGGGGGGAAGGAGGAGAAGAAAGAAAAGCCGGAAGGAGAAGGA AAAGGAAAAAAGGCCAAGGAGGGGGAAGGAAGGGGGGCCCCACCCGGGAA AGAAAAGAAAAAAGGGGGGATAGCCGACCGGCCAAAAAGGGGGAAGGGGG GAGAAGGAAAAAGAAAAAGGAGGGGGGAAGACAGGGGAGGGAAGAGAAA G GAGAGAGGGTTAACCGAAAAAGGACAAAAAAGGGGAGAAGGGGGGCCGG CCAAAGACGGGGGGGGGGGGGGAAAAAAGGAAAAAAAAAAAAAAGGAAAA GGAAAAGGGGAAGGAAGGCCGGCCAAGGAAAAGGGGAAAAGGCCGGAAG G G G G G AAAAAAGGCCGGGGAAGGGGAACCGGGGACAAAAACAGTTGGAAG G G G AA $\ln$ CAAGGGGCCCCAACCAGGGGGCCAGGAGAAGAAAGAGAACCAAG AAAAATTACGGGGGGAACCGGGGAGAGAGGGAACCAAGGCCAAGGAAAAA AAGGAAACACCAAAAGAACAGGGGGAAAGAAAAAAGAAACCGGGGGGAAA AAAAGAGAAAGGGGGAAAAGGAAGAAACAAGGGAGGGAAAAGGGGGGGG GGGGGAGGGGGACAAAAGAAAAGACCAAGGGGCAGGAGGAGAAGGAGGG GAAAAAAGGAAGGGGGGGGGGGGAAAAAAGGAAGGGGAACCAAAAGGTT GGAAAAGGAAAACCCCAAGGAAGGCCGGAAAAAAGGCCCCAAGGCCCCGG CCCCGGGGAAGGGAGGGAGGGGGGGAGGGGGGGGGGTTAAGGGGAAGGA AGGAAAAGGGGAAGGAAGGAGGAGGAAAAAGGGGGGAGGGAGGAAGGCA GGGGAAAAGGAGAGGGAGAAAAAAAGGGAAGGAAGAAGAGAACCGGCCGG AAAAAACCCCGGGGGGAACCAGGGGGAACAAGGGGGAGGGGGGGGAAAA AAAGAGGGGAAAAGGGGGGGGAAGGAAAAGGCCAGAAGGGGAAAAGGAA AGGGCAACGGAAAGAGGAGGAAAGCCCGGAAATTGAGGAAAGGAGGAGAG AA $\operatorname{A} A G G A A G G G A A G A G A C A G G A A G G G A A G G G G A A G G A A A A G G G G A G A G A$ AGGGAAGAAGGGGAAGGGGAAGGAAAGGCAAAGGAGAGGGGAACCGGGG AAAAAAAGGGGGCCAACCACAAAAGGAAAAAACCAAAAGGAAGGGGAAAA AA G GCCGGAAAACCAAGGAAAGAGACGGAGGAAAGACAGAGGGGAGGGAG
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AA G G G GAAAAAAGGAAAAGGGGAAAAAAGGAAAACCAAAAGGCCGGGGGG AAAAGGAAAAAAAAAAGGAAGGAAGGAAAAAAAAGGGGGGGGGGAAAAGG G GAACCGGGGAAAAAAGGAAGGAAGGAAAAGGGGAAGGAAAAGGAAAAAA G G G G G G G G G GAACCAAGGCCGGAAGGAAAAAAGGAAGGAAGGAAGGAAA A G G G GAA G G G G G GAAAAAAAAAAGGAAGGAACCGGGGGGGGAAGGAACC G GAAAAAAAACCCCAAGGCCAAAAGGGGCCAAAAAAGGAAAAAAAAAAAA AAGGAAAAGGAACCAAGGAACCAAAAGGAAAAAAGGAAAAAAAAAAAAAA AAAAAAGGGGAAGGGGAAGGAAGGAAGGCCCAAAGAGAGGAAAGCAGGAA A G G GCAACAAGGAAAGAGGGGGCAGAGGGAGGGAGAGACCGAGGAAAGC CGGAACCGGGGAAGGCCAAAGAGAAAAAGGGGGAAGGAAGAGGGAGGCAA A GAGGCAAGCCGGGGAAGGGGAAAAGGGAGAGGGGTTGAGGGAGGAAAA A GAGGAGAGGGGACGAGGAAGAGGGAGGAACCGGGGCCAAAAGGAAGAA G G G G G G GAAAAAGAGGGAGACGAACAGAGCCGGACAAAGCCGGAAAAAGG A G G G G G GA GATGGAGCCGGGGGGCCAAAACCAGGACCGGGGGGAAGGAG AAGAGGAAGGAGCCGGAGAGACGAGGAAGGGGAAGGGGAAAAAACCAAGG AGAAAGGAACGGAACAACCCAAAGCAAAGAGGGGGGAGACAGAAAGGAGA GGAAAAGGAGGGAAAAAAGGAAGGGGAGGGGGAAGGCAAAGGGGGGAAA GACAGGACCCCAGAAAAAAGGAAGAAGAAGGAGAAAAAAGAAAGGGGAGG GAGGGAAGAGGAAGGAGACGGAAAGGAAAGAGGGGGGAGCCAAGAGGCC GAAGCCGGGGGAGGAAAAGGCCCCGGGGGAAGGGAGAGGGGAGGAACCA GACGAGGAGGGAAGGAGAGAAGAAACCACCAAAAAGGAGAGAGGGGGAAG GAGGAAGAGAACCCAAAAACCGGAGCAAAGGAAGGAGAGGGCCGAAACAG AAGGAGAGAAAAGGGGGCCAAAAGACAAGGAGGGGAAAGAAGAAAGGAGA GAGAAGAGAGAAAAAAGAGCCAAAAAAGGGGGGAAACAGAAAAGGCCAAG GAGAAAAAGAACCAAAGAAACGGAAGGGACCGGGAAGAGGGGGACAAGGA GAGGGAAAGGGAAAGAGAAGGGAGGAAGAGGGGGGAAAAAGAGGGGGAG GAGGGGGGAGAAGGGGAGGGGGAAACAAGGAAAATAGGGGTTAAGGAAG GAAAAAAGGGGAGGGGGGGGGAGGGGAAGGGGGGAAGGGGGGAAGGGGA GAAGCACAGAAAGACCAAGGAAGGAAACGGAAAAAGCCAGAAGAGAAGAA AGGACCAAAAAAGAGACAAGCCAAGAAAGGGAAAGAGGGAACAACCAAAC AAGGAAGAGGGGAGAAGGAAAGCAGGAGGGGGGGAAAAGACCAACCCACC AAAGGGAGAGAAGGAACCGGAGGGGGCAAAGGAAGAGGAAAAAAAAAAAA G GAAAAAAAAGGGGCCGGGGCCGGAAAGGGAGAGGAGGCCGGGGAGAGA GAAGGGGAAGAGGAAGGAAGAAGGAAACAAAAAAACCACGAAAAAGGAAC AGGAAAGAAGAAAAAGGCAAGAAGGGACAGGGAGAAAGACCGGCCAAAGA GAAGGAAGAGGGGAAAAAGGAAGGGGACGAGGGGACAGGCCGGGGAAGG AAAAAAGGGGGGGGAAAAAAGGAAAACCGGGGGAACACAAGGAAACGGAA
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G GCCGGGGAAGGAAGGAAAAAAAAAAGGAAGGCCGGGGCCGGGGAAAAAA AAGGAAAAAACCAAAAGGAAAAGGGGAAGGGGGGAAGGAAAAAAGGCCGG AA $\operatorname{l}$ GGGAAGGGGGGGGGGGGGGAAGGAAAAGCAAATAGGAAGGAAGAAA AAGGACCAAAAAAAAAGAACCAGGGGGCCGGCAAGAAGAAAGAAAAAAGG AAAAGGAAGAAGGCAGGCCAGAGGGAGAGCAGAGGAAACGAGAGAGAGAG G GAA GAGCCAACCAGGAAAGGGAGGAACCGGCAACCCAGAGAAGGGGTAG GCAGAAATTAAGGAAAGGGGAAGAACCAAGGAAAAAAAATTCCGGGGCCG GGGAAAAAGAAGGGGAGAAAAAAAAAAGAAAAGAGAAGAACGGAAAAAGA AAGAAGGAAAAGGCCAAGGGGCCGGAAGGAAAACCGGAAAAAACCAACCG GCCGGCCGGAAAAAAGGAAAAAAGGGGGGGGGGAAAAGGAAAACCAAAAG G G G G G G GCCGGGAGGAAAAAAGGGGGGGGCCAAAAGGGGAAAAGGCCCA AGCAGAGGAAAAAAAAGAAGGGGGAACCGCGGAGGGAGAGAAGGAGGGCA GGAAAAAAAAGAGACAGGAAGGGGCCAAGGGAAGGGCCGGTTGGGGAAAG GGAAAAACAAAAAAAAGAGGAGGAAATAAGCCAAAAGGAGGGGCGAAAGG GAAACCCCGAGGAAAGGACCAGAGAAGGAGCCAGACAAGGCCGGAACAAA GGAAAAGGAAACGGGGAAAAAAAAAAGGAAAGAAAAGGGGCGAAAAGGGG AAGGAAGAGGGGAAAACCAAGGAAAAGAGGGGCCAAAAGGAACCAAAAAA CCGGAAGGAAGCGAGAAAAGAGAAAGAGAGACAAGGAAGGAAGGAAAAAA AAAAGGTAAAATCAGAAGGGGGAAAACCGAGACAAAACGAGAGGAAAGGA GGAAGACCGGAAAAGGAGACGGAAGAACGAGGAAAGAAAAGGAGGAACGG GAGAAAACGGAAGGAGGAGGAAGGGGAAAGGGAGAGAAAGAGAACCAGAA ACAAAGAGGAGAAGGAAGAAAACCGCCAAAAACAAAGGAGGAAAGGCCAA GAACAGAGAGGGCCGATAGGTAGACCAAGGAGGAGGGAAAAGAAAAGGAA G GAA G G G G GAAAAGCCAAAAGAGGGAGGAGAGGAAAGGCCAAGGGGAAAA GAAAAAGAGGGGAAAACCGGAGGGCCGAGGAAAAAAAAAGAAAAAAAATT AAGGCAAGGGGGAATTGGCAAAGGGAAAAAAAGGGGAAAAAAGAGAGGGG AAAGCAGGAGAAGGGGGGGAGAAAGAGGGGACAAAGGGGGAAGAAACCA GAGAAGAACAGGGGGAACGAGACGGACAAAGCGACGGAGCAAGAAGGCCA GCCGAAAGAACCCAGCAAAAAGGAGGAAGAACAAGAAAGAGGGAACAAAG GGGGGTTAAGGGGGGGAAAGGAAGGGAGAAGAAAACCAAGGAATAGAGG GAAGGGGGGGAAGGAAGGAACAGGAGGAGGGGGGGGGGAGAAGGAAGAA AGGAAAAAAGGAAAAGGGGAAAAGAGGGGGGGGAAGGGGGGGACCGGGG G GAA G GAAAAAAGGGGCCCCGGGAGGGGAGCCGGGGACGAAAGAAGAGA G G G G G T TAGGGCAAGACAAAGAAGGAACCCAGGAGAGAGCCAAGGGGAGG GAAAAGACCAGGGAGAAGAAAAGAAGACCAAGGGGCCCCAAAAAAGGAAG AA GATAAGGAAGGCCGGGGAACCAAAAGAGGCCAAAAAAGGGGGGGGGGA G GAGAGGAATAAAACGGGGAAAAAACCAGGGAGGGGGGGGGGGAAAGGG AAAAGAGGAAGACCAAACCACAAAAAGAAAAAGGCCGAGAGAAGAGGAGG AACCGAAAAAGAGGGAAGGAGAAGGGGGAGACAAGGAGAGGGGAAGAAAG ACGCAGGAGGAAAAAGAACCGGAAAGAACCGGAAAGCAAAACGGGGGGAG G GCAAGCCAAAGGAGAGGGAAAAAAAGGCCAAGGGGAAGGGAAGAGAAGA CCGAAAGGCCGGAGGGCCCCAAGAGGACAAAAGGGAGGGAAAAACCGGCC AAGAAAACCACAGAGGAACCAACAGGAAGGAAGGAAAAGGGAGAACGAAG GGAAGGGAGAGGAACCGGGGAAAAGAAACCAAGGAACAGAAACCACGGCC GAAGAAAAAGGAGAAAAAAAAAAGCAGGGGCCGGAAGGAAAAAAGGGAAG GGAAAAAGCCAACCAAGGAAGGGGAAAAGGAAGGGAGAAGGAAGGGGAGG AAAAAAAAGGAAGGGGAGAAGGGGAAAAGGCCGGGAAGCAACGGAAAACA GAGGGGGGGAAGGGAGGGACGGGGCCGGGAGGTAAGGGCCAAGGAAGGG GCCAAGGAAGAGAGCCAAGAGCCAAAGAGGGGAGAAAAACCGGGGAACCA A G G G G G G G G G G G G G A A A G G G G G A G G G A G GCGATAGTTAAGGGAAAGAAA CACCAGGAGGGGAAAAAACAGAAAGGGGGGAACCGAAGGACAGAAGAGGG GGAAGGAAGGGAAGGGCCCAAGAGAGAGCCGGGGGGAAGGAAAAAGGAT TAAAAGGAAAAGGAGAGGGGGAGAGAGAGAAAAGGAGAAGGACAAACGAG AAAAAAGGGCCGGCGAAAAGGAACAGGCATAGGGGGGGAGGCCGGAAGG GAGGGAAAAGAAGGACAAGGAAGAGGGGGGAAGGAAGGGGGAAGAACCG AA $\operatorname{G}$ GAGGGGGGACAAAAGGAAGGGGAAAAGACCAAAAGAGGAAGGCCGGG GAAGGGGAAGAGAGAAAAAAAAAAACCGAAAAGGGAAGGGGAGCAGGGGA GGAAAAAAAGGGGGACCGGGGAAAGGGGGCCCCGGGGGGAAGAAGAAGA AGGAGGTAGAGGCCGAAAAAGGGGGAGAGGAAAAAGGGAGGAAGAGGGC CAGGGGGAAAGCCAACCCAGGGGGATTGGGGAAGGGGACGAAAGAAAAGA GGGAAAGAGGGGGGGAGAAAAGGAAGGGAAGAAAGGAGGAAAACCGGGG

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A G G G G G G G A GAGGGGGAAACCGAAAGGGGGGAAGGGGCCAGGGAAGGAC AA G GAAAAGGACGGAAACAAGAAAGGGGGAAAGAAACCGGAAAAGAAGCA AGAGGGGGCCAGAAAGAAAAAAGGGAAAGGGAGGAGAAGGGGGGAAAAAA
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A G GAGCCGGGGAGGGGGAAGAGGAAGGGGCAAGAAAAGGAAGGAAGGGG ACAAGGGGAAGGCCACACAAGAAACAGAGGAGCCGGGGGGACCAGGGGAC GGAAGGAACCAACCCCAACCGGAAGGAAAAGGAAAAGACCAGGGAGCACA CAAAAGCAGAGAAGGGGGTTAAAAGGAAGGGAAAGGAAGGGGGGAAAAGG CCAAAAA G G G G G G G G G G G G G G GAGGGGGAAAAAAAAGGGGAAGAGGAAA AA $\operatorname{GA}$ A AACAGGGGGAGGAAGGAGACGGAAGGCCGGCCACGGAACCACAAA AGAAACCGAGAAGAAAGGGGAGGAAGGAACAAAGGAAAAGAAGGAAGGGA AGGGGGAAGAACCAAGGATGGGGGGAAAAGGAAAAGGGGCCAAGGCCAAA G G A G A GAAAGGAAGGAAAAGGAAGGCCAAGGGGGGAAGAAGCCAGAAGAG GAAACCCGGGGAGAAGACCGGCGGGAGAAGAAAAAAACCAAGGGGAGACA GAGAAAAGGGGAGCACAGAAGGAAGAAGGGAAGGGGGGGGGCACAAAAA GACCCCGGGGAGAGGGAAAGGAGGGGAAAAAAGGGGCAAGGGAAGAAAAC AAGAAGAGGAAGAGGAAAAAAAGGCAGACCAGAGGACCTTGGAACCAAGG GGGCAAGGAGGGAAAGAAGGGGGGGAACAAGGAAAGTTAAAGGGAGGAG A GCCGGAAAGAGGGGGGGGAACCGGGGGGGGAAGGGGGGGGAAGGAAGG G G A A A G G G G GAACACCAAGGGGGAGGAAGGGGGGGGAAAAGGAACCAAG GCCTTCGAGAGAAAGAAGGAGAAAAAAAAGGAAAGGACAGAGGCCGAAAA A G G GAAACGAAGGAGGGAAGGAGAAGGGGGAGGAAAGAAGAAGAGAGAA A GCAGGCAGGAGGGGGAGAAAGAGGGGGAAGGCCGGAGAAGCAAGAAAG AAAAACAGGAAGGAGAAAATTTAAGAGGAACAAGGGGGGGGGGAAGAAAA GGGAACCAAAAGGAAAAGGAGCCGAAGAAAAGACCCACCAAAAAAAAGGA ATTAACATTGGGCAACCGGGGGGGGGGGGAAAAAAGGGGAACAGAGAGGA
 AAA $A$ AGGGAAGGGAAAAGAGGGGGAGAAAAGGGGAAGAACGGAAGGTTA GAGAAAAGGGGGGGGAAGGGGAGCAAGGGAGAGGGGGCCAAAGAGGGAG AAA $A$ AA A A G GCCCGGGGACCGGGGGGGGGGGGGGGCGGAAGGAGAAACC CCCGAAGAAAGGAACAAAAAAGGGGACGAAAGGACCAAAGAGAGAAAGGA AAGGGTAAGAGGAAGAGACGAGGAAGAGAGGAAAGAGAAAAATAAAAGAA AAGAAAAAAAAGGAAAGAGGAAGGGAATTCAGGGGGGAGGAAAAAGAACC AAGAAAGAAAAAACCCCGACCAAGAAAGGAAGGGAAAGGAGAGCAGGCCA GCCGGGAAAAAAAAGAGGGGGAGAGACGAAGCACCGGGAAGAAAAAAACA
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 A G G G G G G A GAGGGGGCAAGGGGGGGGGGAGGGAACAAAGGGGGAGGGGG GAAGGCCGGAAGGGGAAGGGGAACCGGAAAACAGGATAAGGCAAAAAAAA A G GAAAA G G GAAAGGGGGACAGCGGAAGGAAGGGGGAAGACAAGGGGGG G G C CA $\operatorname{G} \operatorname{GGA} \operatorname{G} \operatorname{GGGGGGGGGGGGGAGGAGAAAAAAAACCAAAGGAAGGGG}$ GAAAAGGGAAAAGAGCCAGGAGAGAAAGAGGAAGGGGGGAAAAGGAAAGG AAGGAGAAAAAGAGGGACCAAGGGAACCAGGACCCAGGAGGAGGGAAGGA GAGAGAAAGGGGGGGAAAAAAGGGAGGGACCGGAAAAGGGAGGTAAAAG GAAAAACCGGGGGAAAGAAGGGGGGAGGGAGAGAAAAGGGGGGGGGAAA GACAAAAGAAAGGAAGGCCGGCCAAAAGGGAGGGAAGAAAAGAAGAGAGA GAGAGGAGGAAGGGGGAAACCGGGGGGCCAAGGAAAAGACAAAAAAAAAG GAACCGGAAGGATAACCAGCAGGGGGGAAAAGGACAAGGCCGGAAGAAGA GACCAGGAAGGAGAGAAAAGGAAAAGGAGAGGAGGACAAGAGGAAGGAAG GGGGGAACCGGGGAAAGAAGGGGAAAAGAGGGGGGAAGGCGACAAAAAA AAAAGGACAAACTTGCAGGACCCCACGGAGAGCAGGCAGGGGAAGAGGAG AGCCCCAGGGGAAGGAGGGAAAAGGAGAGAAAGAACAAGGAAAATAAGAA ACAGAAGGGGGGAGAAAGCAAAAAAGGAAGAAGGAGAATAGGGGCAAAAG AGAAAAAAGCCGCCGGAAGGACAAAGCCAGGAAAAAGGGAGAAAGGGGGG A G G G GAGGAAGGGGGAAACAGGGAAAGAGGGAACCCAGGCAGATGAGGA AAAGAACAGAAAACCAAAAGGCAAAAGCCGGGGTAGGAAGGAGAAGAGAG G G G G G G G G GAAAAGGAGACAAACGGACGAGGGAGGGAGGGGAAGGATGG CCGAGGAAGGACTTACAGACAAGGGGGGGGGAAGAACGGGGGAGAGCAG A G G GCCAGGAAAAACAGAGGGGGCAGAGAAGAGAAGGAAGGAAAAAAAAA AAAAAGGAGAAGGAAGACCAAGACAGGCCAAGGGAGAACAAAAAAAGAAA AACACAAAGAGAGGAGGAGAGGGGGCCAGAAGGAGAAGAGGAAAGAGAAA ACCAAGGAAGAAAGAGGGGCAAAAAGGAACAGGGGGGCCGAAAGGAAAAG GACGGGCGGGGGGCCGGAAGGGGCCGGCCGGAAAAAACCAAGGCCAAAAA AAAAAGACGAAAAAAAGGACCAGGGGGGAAAGGAGAACAAAGGAGAAAAC CGCAAGGAACCAAAAGAAAAAAACCGGGGGGAAGGGGAAAAGGCCGAGGG GTAACAGCCAAAAAAGGGGGAAGAAAGGAAGAAGGGGAGCGGGAACCCCA TGGGAGGCCAAGGAAAACCGAAAAAGGGAGGAAGGGGGGCCGGGGAAGA

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AACCAAAAAAAAAAAACCGGAAAAGGAAGGAAAAGAAAGGGAGAAGGGGG CCTAAGGGAGGAAAGGGGGGGAAGGGAGAGGGAACAAGGACCACGCAGG AA GAAGGAAAAAGGGGGAGAAAAAAAGGGGGTAGAGGAAACGAAAAAAAA AGGGGGGAAGGCCAAAACATTGGCCGGCAAGAAGGGAAAAAGGGGGGGAA CGAGAGGAGAAAGAGGGAGAAGGCAAAGAGAGAGGGAAGGAACAAAAGAG GAGGGAAGGAAAAGGGAAAGAGGGGGGAGAACAAGGGGGAAACCCAACCA AAAAAGAGGCCGGGGAGAACCGGAAGAAGGGAAAAGGAACCGGGGGGAAA AGGGGAAGGGGAACCAAGGAAAAAAAAAATTCCGGGGGGAAAGGAAGAAG GAAAAAGCCAAAGGACAAGGGGGAAGGCAGGCCAAAACAAAGGAGAACCA AGGAGGACCGGGGAAAGGAGGAAGGAAGGAAAAGGGAACAAGAAGAGGAA AGAGGAAAAGGGGGGCCGGGGAGGGCACAGGAAAGAACCGAGGGGGGAG CAAAAAGGAGGAAAAGGCGAGGGAAAGGAACCAAAAAAAAAGAAGGACCA AGAAGGAGAAGAAGGAAGGCAGCCGGAACCCCAAAAGGGGAGAAGAGGGG AAGGTAGGAAGGGAGGGGAGGGAAAAAAGGAAGGCCACAAGGGGAAAAG GAAGAGAACTAGAGAAAGGCAGGAAGAGGGGGAGAGGGGAGGAGAAACAA GAAGGGGGGCAGGGGGGAAGGAGAGAAGGGAGGGAGGGGAGGGGGCCGA GGAGAAAACCAAAGCAAAAGGAAGGGGGAGAGAAAAAACCGGAAAAAAGA GGGAGAAGAAAAAAAAAAACAAAGGGGAAAGGAGGGAGGAGAGAGGGGAG GGGAACACACGAAGCCAGAAAGAAAGAAAACCAAAGAAGGCAAGAAAAAA CAGGAGGGAGGGGAGGAACCAAAAGGAAAAAACCGGAAAAGAGGACAGCA CCAAGGAAGCGGGGAGGGAAAAAAAGAAAACCAAAAGGGGAAAACCAAAC AGACAGAGGGGGAAAAGGCCGGAAAAGGAAAAGGAAAACCGGGGAAAAGG GGGGAAAACCGGGGGGAAAAGGAAAAAAGGAAGGAGAGGGAAAAAAGGAG GGGGGGGGAAGAGAACGGTTAAGGGGAAAAAAGGGGCCGGGGCCAGGGA GCAAGCAGGACAAAGGGAAGGCCGGAAAGAAGGGGAAGACACAAGCAGAG GCAGAAGACGGCCAAAAAAGGGGAGGGAGAGAAAGGAAGGGGGAGCCCCG GGGAAAAGGGGCCAAGGAACCGCGGAGAAGGAAAGGGGGAACCGGAAAG GGAGGAGGGGGGAAGGAGAACAGGAAGGGGGGGGCCGGGGAAAAGGGGG GCCGGGGAAGGGGCCAAGGGGAAGGAAAAAAAAGAAAAGAGGAAGGGGA GGAGAGGGGGAAGAGAAAAAAAAAGGCCCCCCGGGGACGAGGGGGAAGA GGAAGGGGGGGGGGAACGACAAAAAGGAAGGGGAAAGGAGGGGGGGGAA GGAAGGGGAAAGACGAAAGAGATAGGGGAAAAAAGGGGGGGGAAAAGGG GGAGAAGAAGGGAAGAAGGGGGGAGAAGGAGGGCAAAGGACAGGAAGCA AAA $\operatorname{A}$ GGGGGGAGCCGGAGAGGGAGGGGGGGGGAAAAGGGGAAGACAGGA GGAAAGGGGGGAAAAGGGGAAAAAGGAGGGGGAGGGACCGGAGGAGGAA AGAGAAAGAAGGAAAGAGCCCCCGAGAGAGAGCCAACCGGGAAGGAAAAT GGAAGGGGGGAAAAGGGAGACCGGGGCCAAGAGGAAAACCAAAAAGGGAA CGAAAAGAAGACGGAAGGCCGGGACAGGGACAGGAAAAAGCAAAGACCAG GGACGAGGGGGGAAAAAAGACCGGGGGGAAGGGGGGGAGGAGAGGAGAA AGACCGGAACCGGGGGGATGAGAACGAAGGAGAAGACAGCCGGGGAACAA CGGGGAGAAGGAAAAGGGGGAGGCCGAGACCAAAGAGAGAAAAAAAAAGG AAAAAGGGGCCCCCCGAACAAAGAAAGAAGAGGAGGGAGCCCCCCGAAGG AGGAAAGAACCAGAAGGAAGAAAAGAGCCGAGGGAAGAAAAAAACGGGGA GGGGGAGGGGGGGCCAAAAAGGAACAAAGCCGGGGGGCCAGGGAAAAGG AGGGGGGGGGAAGGGGGGGGACGGGAGGCCAAGGCCAAAAACGAGGAAA AAAACGGGGGGGACCGGAAAAAAGGAAGGGAGGAAGGAAGGCCAAAGAGA GAGGAAAGAAGCCAAGGGAGGAAAAGGAGGGGGGGGAAGACTAGGAGCC AAGGAGAGCAGGAAAACAGGCACAGAAAAACCAGACAAAGGAGAGAGAGG GGGGAAGGGGTAAGGAGAGGGGGAGGAGGAAAGGAAGGAGACAAAAGGA GGGGGAGAAAACCAAGGCCGGAAGGGAAGACAAGGAAAAAAAAGAGAGAA AAGAAGGAAAAAGAAAAAGGGGGGGGGAAGAAGAGAAGGGGAGGAGAAA GAGAAGGGGAGAAGAAAAGGAGGAGGAGAAGAAGCAGGAGAGGAGAAGA GAGAGGGAGAAAAGGGGGAGGAAAAAAGGGGGGGGGGACACACAAGGGA GGGGAACCGAGGAAAAGAGAAAGGAAAGAAAGGGGAAAAGAAGAAAAAAG CAAAGGGAGGAGAGCCGGAGGGCAACAAGAAAAAGAAAGGAGACGAAAGA GAGGAACAAGAGGGAGGAAAGGGAGGGAAGGGGACCAGGAAAAAGGAGA GAGGAGAAAAGAGAGAGGGGGGAAAAAACAAAAGGAGAGCAAGAGAAGGG GAAAAGGGGAAAAAGAACCAGGGAAGGAGCCGGGGAAAAGGAAAAGGCCA AAAAAGGAAAAAAGGGGAAGGGAGAAGAGAAAAAGGAGGAAGGGGAACCC AGGGAAAGGAAGGCCAGAGGAAAGGGAGGAAAAAAGGCCAAGGCAGGGG GAGGAAAGAGCCGGAAGGGGAAAAAAAAAAAAGGAACCGGGGGGAAAAGG

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AGGGAAAAGAAGGACCAGAGGGAACCCGACATTACGGCCGGGGGAAAAAC C G G G G G G A A G G G G G G A A AAA $\operatorname{lng} \operatorname{GGGGGACAAAAAAGGGAAAACGAAAAG~}$ GGCAAACAAAAAGGAAGAAAAAGGGGGGGGAAGGAAAAGGCCAATTAAAA AAAACCGAGAAGGGAGGAGGAAAAAAAAACAAACGAAGCCGGAAGACCAG GAAAACAAAAAAAGAAGAAACAAAAAAACAAAAAAGAGGAGAAAGGAAGG AAAAGGCCAAGGGGCCAAGGGAAAGGGGGCAAGGGGAAAGAGAGAAGGG G G GCCGGAAAAAAGGGGGGGGAAGGGAAGGGCCAAGAGGGGAAACAAGG G GAAGGGGCCGGGGAAGGGATAACGGAGGGAAAAAGAGAAAAGGAGAAG AAGACAAGGAAAAGACCGGCAGAAGAGAAGAGGGGGGAATTCCGAAGGAA GGAATGAGAGGAACCAAAAAAGAAGGAGAAGGGGGCAGGGGAAGGAAAAG AAAGGGGCCAAGGGGCCGAGAAAAAAAGGGGAAGGCCAGAAAGACGGGCG GGGCAGGAAAAAACCAAAGAAAAGAGAGGAACCGGCCAGCCCACCCCACG GAAGGCCAAGGGGGGGGAAAACCCCAAAAGGGGGGCCAAAAAAGGGGAAG GAGGCAAGGGGTTGGGGGGAAAAAGGGGGAGAAGGCCGGAAAAAAGGGG AGCAGGGGGGAGACAGCCGGGAGAAAAGGAGGGGAGAATTGGGAGAGGA AGGAGGGCCAAAGGAGGCCAGAGAGGGAGGGGGCCCCAAGGAAGGAAGG CCGGCCGGAGACAGAACAGGGAAAAAGGGAGAACGAAGAAAAGGGGCCAG A G G G A G A G G G G G G G GAAGAAGGGACCGGAGCAGAAGGGCCAGAAAAGGA AAAAGAAAAAAGGCCGGAGGGAAGAAGGGAAGGAAAGAGAGACGGAAGGA CAAGGCCCCGGGGAAAAGGGGAAGGCAGAACGGGAGAGGCGCAAGACAGA AGGAAGGGGGACAAGAGGAACGGGGCCAAAAGGGGAAGGAAGGGGAAAA CCAAAGACACAAAAAAGGAAAAAGCCAGGGGGAAAACCGGGAAGGGGAGA G GACGGAAAAAAGGGAGGGGCCGGAAGAGGGACAGGAAGAGGAAAGAACC AA $\operatorname{G} G \mathrm{G}$ GGAAAGAAGAGGGAAAGAAACGGAGAAAAGAGAGGAGGGAAGGAA ACGGAGACAAGGAAGGGGAAAAGGGGGGAAGGAGGGGGGGAGAGGGGGC CAAACAGGGGGAGAAGGAGAGAGGGGGGGGGAAAGGAAAGAGGGGGGAA CCGGGAGACGGGGGAACCAAGAGAGGCCGGGGAAGGAAGGGGAAAAGGG GGGACGGAAGGGGGAAGAAAGGGAAGGAGAAAGAGAGAGGGAGAGGAAA GGGGGAGGAAGGAAGGGACCAACCAAAACCGGAGAAGGGAGAGGGGAGA AGAGAGGAACCAGATGAGGGGGGGGAAAGGGAAAAGGGGGGAAAGAAGG AACAAGAGGGGGGGGGAGGGGGGGAAGGAAACAAGGGGGACGAAAAACA GACAAAAAGAGAGAAGGCCAAAGGAGGACAGAAAAGGAAAAGGCCAAAAA AA GAAAGGGTTAGGGGGCAAGGGATAAACGGGGAACCGAGAAGAAGGGAA A G GAAA G G G G GAA G G G GAAAGCCCCAGAGCAAACAAAGAGGAAGGCCGGC AGGCCCAGCGGGACAAGCATTAAAGCCAAAGAAGGAAAAAAAAGGAGGGG GAAGGGGCCAGCAGGGGGAAAGAGGAAAGACCAAAGACCGGAAGGAAAGA GAGGGAAAACCAGGGGGGGAAGGAAAGGGGGAAGGGGAAGAGAAACAAC GAAAGGAGGAAGCAGAAGAAAAAAGAGAGGGGAAAAGGGGGGGGAAGGA AAAGGGGGGTTGGAGGGGGAGGAGGAAGGAAAGAGGAGGAAAAGGAAAA AAGGAAAAGGCCGGGGAAAAAAGGCCCCGGAAAAAAAAAAGGAAAAAAAA GGGGAAGGAAAAAAAAGGGGGGGGAAAAAAAAAAGGAACCAAGGGGGGG GAAGGGGAAGGGGAAAAGGAAAAAAAAAATTGGAACCAACCAGGGACGGA GAAAGCCAGAGAACCAAGAGAAGGGGGCCGGAACCAACCGGGGGGAAAAG GAAAAAAAAGGGGAACCAACCAAGGAAGGAAGGCCAAAAGGGGGGAAAAA AGGGGAAGGGGAAAAGGGGGGAAAAGGGGCCGGGGAAAAAAGGAAAAGG GGGGAAAAAAAAGGGGGGGGAAAAGGGGAAAACCCCAAGGGGAAAACCGG CCCCGGAAAAAAAAAAAAAAAAGGAAGGGGGGAAGGAAAAGGAAAACCGG AA G GAAAAGGAAGGGGGGAAGGAACCAAGGGGAAGGGGGGGGGGGGGGA AGGCCGGAAGGGGAAGGAAGGAAAAAAAAAAAAGGCCGGGGAAGGAATTG G G GAAAAGGGGGAGGACAAGAAAAAGGCCGGCCAAAGCCAACCAAAAAAA AAAGGAAGGGGAAGGGGAAGGAAGGAATTAGCCAACAAAGGAAGAAAAAA GGGTTGGCCGGAAAAAAAAAAGGAATTCCGAGAAAGGAAGGAAGGAGGCA AGGCCCCAACCGGGGAGAAAAGGGGCCAAAGAAGGAGAAAAAACCAGACA AAAAAGAAAGGAAAAGATTAAAGAAAAAGCCGAAAGAGGCCGAAGAAGGG GGGCCACAGTTAAAGAAAAGGACGGAGGGCGAGAAGGGGACAACAAAGGA AAAGAAGAGAAGGAAGAAAAAAAGGAAAAAAGGCCGGAAGGCAGACCAGA AA GAAAGGGGGGGCCAAAGTAAAGGACAAGGGAGGGAGAAAACGGAAAAA AAAAGAGAGGGAAGGCCAAGGCCCCAAGGGAAGACCCAAAGAGAAAAAAA AGAGGAAGGAAAGGGAAAGGAAAGAGGGAAAGGAAAAAGATAGGGGAAAG GAGAAGGGGGAGAAGGAGGAGACGGCCGGAGCAGGCAGGGAAAAAAAAA GGAAGGGAAAACGGCCAAAACCCCCCGGCCACGGCCGAGGAAGGAAGACC

AGGAGGAAAAAGAGGGAAAGAGAGAAGGGGAACCGGAAGGGGAAAAGGCC AAAAAAGGAAAAAAAAAAGGGGGGAGGAGAAGGGAAGAGGGGGGGCCAG GAAAGGGAGGGGAGAAGAAAGGGGGGGAAAACGAGAGGGAGGGGAAGAG AAAAGGGGAACAGAAGAGAAGGACCGAAGGGGGGAACCAGGGGGCAGAGA CCATGAGGAGAACCAAGGAAGAGGAGAGTAGGAAAAGGCAAGAGGGAAGG AGGAGAGGAAAAGGAAAAGAAGACGAAGCAAGGGGGAGCCAGGAAGAAAA G GAGGGAAAGGGAAGGAGGGAAACGGAGGAGAGAGGCAAAGAGAGAGGA A GA $\operatorname{l}$ A $\operatorname{G}$ GAGGGGGAAGGGAAAAGCCAGGAGGGGGGGGGAGGAAGAAGGG AA $\operatorname{G} \operatorname{GAA} \mathrm{A}$ GACAGAGAGGGGGGAAAAGAGCCAAGAGGGGAAGAAAGGGGA ATTCCAAGAAGGGGAGGCAGGGGAGAGAAAGGGGGAAAGAAGGGAAGAA GGGGGAAGACGAGGAAAAAAAAAAGGGGCCAGAAGGAGGACAAAAACCGG GGAGAAGGAACCAAGAAAAGGGAAAGAGAACACCAAGGAAGGGAAGGGAA GGGGGGAAGGGGAAAAAGAGGAAGAGAAGGAAGGGAGGAAAGGAAGCAA AGGAAGGTAAGACGGCCAAGGGGAAAAAGAAGGGGAAGGGAAGGAACGG GAGCAGAAGGAGGGGAGAGGGAAAGAAGACGAGAGGAAGGAAGAGGGGA AAACCTTAAGGAAAAAAACGGGGAGGAAAGACCACAGGGAGAAGGAACCA GACAAAAGGAAAAAGGGAAGGGGAAAGGGCAAGGAGAAAGGGGAAAAGGA AAAAAAGGAAGAGGGGGAAGGGAACGCCCAACCAAAACCAAGGGGAAAAG GGGCCAGAGACAAGGAAGGAGAGAGGGGAATAGAGGAGGGAAGGGAGAG AGCCCCGGGAGGAAACGGAGGGCCGGAAAAAACCGGAGGAACGGAAAAAG AACCAAAAGAACAGAGATAACCGAAAAGAAGGGGAGAGGACAGGGAAGAA AGGGCCAAGAGAATAAGGAGGGAAAAAGAAAAAGGAAGGAGCGAGAGAGA AGAAGGAGAAGAAGGGCCGAGACCAAGAACAAAGCGGGAAGGGGAAGGGG
 G G G A A G G G G G G A A G GAGGAGGGGACAACCGGAGCAAGAGAAAAAAGGAG A G G G G G G G A A G GCCGGGAGGGGAAAAGGGAGGGACAACGGGGGGAGGGG GAGACAGCCGGAGAGAGGACAAAAGGAGGGGAACCAGAAGGAAGAGGCCA AAGAACCAGAGAGAAGAAGCAGACAGAGAGAAAGGGGCAGACAAAGGAAA ACAAAGGAACCAGGGACGGGGGGCCAACGGGACGGGGGGAAGGGGGGAA AA G GAGGGAAAAACCCGGCAAAAAGGGAGGGGGGAAGAGGGGAAGGGGA AAAGGCCAGGAAAAGAGAGAAAGGGGGAGGGGGGGAAAAAAAAGGCAGGA GACGGAGAACCAAAAAAAGGAGGCAAGAAAGACAGCCAAAGGAGGCCAAC CAAGAGAAACCGGGCACGGAAGAAGGGAGCAAAGAAGGAGAGGGAAAAAG GAACCACGGAGAAAAAAAGAAGGGGAAAAGGACAAGGGGGAGAAAGGGGA AAACAGGGGGAAAAAGAGGTTGGAAAGGAGAGGGGAAAGAGGGGAAGAA G GAAGGAGGGGGAAAAAAAAAAAAGAGGGGAGAAGGAAGAACAAACGGCC G GCCGAGAAAAGGCCCAGCAAAAAAGGGGAAAAGAGGAAAAAGGGCGAGG AACACCGGAGGGAGAAGGGGCCGGGGCCGGCCGGGGAAGGGGGGGGAAA AGGAAAAAAAACCGGGGAAGGGAGGGAACGGAAAGAGAGAAGGGGGGAAA AAAAAGGAGAAAATTAAAAAAGGAAAAGAGAAAGGGGAAAAAAGAAGGGG ACAAGAAGGGAAAGGGGGGAGAGAAGGGAGGAAGGGAGGCAGGGAAAGG GAAAAAGGAAAAAACAAAAGGAAAACGAACAGGAGAGGGGGGGGGGAAGG CAAACCGACCGACCGGACGGGAGGGACCAAAAGGAAAGGAGGAACCAAAC CCGGAAAAGAACAGAGGAAGAAAGGGGAGGAGAAGAAAAAGGCAAGAAAG CCCAGAAAGGAACGGGCACCGAAAAGGGAAAGAGAACCGGAAACAGACGA AGAGAGGGGGAGAGACACACCCAGGGAGAAGGAAGGCCAAAGGGGAAGAA A GAA $\operatorname{A}$ GAGGGCAGGGGGGAAAGAGGGGAAAGAGAGGGAGGGGGGGGCCA GGGCCAGGGAAAAAGCAGGGGGGAAGAGGGGAGAACCGGAAAAAAAAAGG AAAAAAAAGAGAAAAAGGGCCGAGGGAGAGGAGGAAGAGAGAAGGAAGAA AAAAAAAGGAAGGCCCCGGGGAAAGAAAAACGGAAGGAGGGGGAGAACCG AACGGGGTAAGAGAGACAAAAAACCCAGAAGGGAGAAAAGGGAGAGGGGG AA $\operatorname{A} G \mathrm{G} G \mathrm{G}$ GAAGGAGGGGAAGGGGGGAAGGAAAAAAAAAAAAAAGGGGAG AAAAGGGAAAACGGGGAACCGGGGGAGGAAGAGGAGGGGGGGAACAGAA AGGCACCGGGGAAAGAACCGGGAAGCCCAACGGAAGAAGCAAGCCGGGGG GAGGGGAAGGGAGGGGAAGAAGGCCGGAGGAAAGGCCGGAAGGAAAAGG AAGAAAAGAAACAAACGGAAAAAAAAGGGGAACCAGAAAGAGTTGGCCGG AAAAGGAAAAGGAACCAAAAAAGGAGGGGGGAAAGGAGAAGGGCGGAACC AGAAAAGAGGACGGCCGAGAGGCAAAGGAAGAGGAGAAAAGGAAAGGAAG CCAAGGAAAGGAGGGAAGAAAAAGAGAGCAGAGGCCGGAAAAGGGAAGGA GAAGCCCAAGGGAAAAAAGAAGGAGAGGGAAAAGGGGGGACAAAGGCCAA AGGAGGACGGAGAAAAGAGAAGCCAAAGCAAAAGGAAAAAGGGGGGGAAA

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 GGAGGCAAAAAAAAACCGGCCGGAAAAAACCCCGGGGGGTAGCAGGGGGA AAAGGGGGGAGAGGGGGGAAAAAAAAAGGAAGGAAGGGGAAGGAAGGAA AA $\operatorname{G} \operatorname{GCC} \mathrm{C}$ GAAGGGGAAAAGGAAGGGGAAAAGGCCGGAAAAGGGGGGCCG GAAAAAAAAGGAAAGAAGGGGGGAAGGAGAAAGGAGGGGACAGAAGGGG AA $\operatorname{l}$ GGGAAAGGAGAAGGGAGAGGAGGGAGGGAAGAGAAGAGGAAAGAAG G G CAAA G G G G G G G G GAAGCAGAGCAACAGAGGAAGCCAGCACCAAGAAGA AAAGACCAAGAAGGAAGAAGGGGAAGGCCGGACGGCCAAGGGGAGGGCCG GGGAAAAAAAAAAAGAGGGAGGGGGAAGGAGAGGGGGGGAAGGGGGGAG GGAGAAAACCAAAGGAGGAGAACAGGCAAAAACCGGAGGGAGGAACGACA GGGGCCGGCACCGAAAGGCCAAGGGGAAGGAAAAAGAACCGGAACCAAAA TTAAGGAAGGGGAAGGGAGGAAAAGAGGCCGGAGAAACAAAAGGAAAAGG AAAAAAAAGGGGGGGAGAAACAGAGGGGAAAGGAGGAAAAAAAAGGACGG AGAGGAAGGGACAAACAACGGAAAAAAAGAGGGGGAAGAACCGGGGAAAA GAGGAGGAAGAGCCAGGGGAGGGGGACCCCGGGACCGAAAAGAATTAGGC G G G G G GAAGAAAGGAAGGAGAAAGACCAAAAAAAAGGGGGAAGAGAAGAA CCAGGGACAAGGGAAAAAAATAAACCGAGGAGAGAGAAGGAAGGGGCAAG ACGAAGAGGAAGGGAAAAAACAGACCGAAAAAAAGGGACCGGAGGGGGAA AGAGGAACAAGGAAGGACAGGGAAGGGACCAGGGGGAGAAAAAAACGGGG A G G G GAAA AACGGGGGAAAGGGAAGGCCAACCGAAGAGGGGGGGGGCCG AAAAAAAAGGAGAGGAAGGAGGGACTTAAGAAAGAAAAGGGAGAGGAAAA AGAGGAAGGGGAACCAAAGAAGGGGGGAAGGAAAAACAAGGGGAGGGGG G G G A GAGGGGGGAAAGGGGGGGGGGAGAGAAGCCACAAGGAACCGGGGG G G GAAAAGGGGAAAAGGAAGGAAAAAAGGGGGGAAGGCCAACCAAGGGGC CGGAAAAGGGGCCCCGGGGGGAACCGGAAAAGGGGAAGGCCAAAAAAGGG GCCAAGGAAGGAAAAAAAAAAGGGGGGAAGGGGAAGGCCAAGGGGAAGGA AGGGGAAAAAACCAAGGGGAAAAGGAAGGGGAAGGAAGGGGAAAAGGAAG GAAGGGGAAAAAAAAGGGGAAAAAAAAAAAAAAAACCAACCAAGGGGGGG GCCGGAGAGGGAAGGGGAAACAGCAGAAGGGGGAAAAAGGGAAAAGGGG AA $\operatorname{A} G \mathrm{G}$ GGAGAGAGGAAAAGAGGAAGGGGGGAGCCGGAAGAAGGGAAGAA A G G G GAA $\operatorname{A}$ GAAGGGGGAGAAAGGAAGGAAGGGGGAAAAGGAGGAGAAAA G G A A G A A G G G A C G A G G AA G G A A G G G GAAGAAAGGAGGGGGGGAAGAGAA AGGGGACAGGAGGACAAGGGGAAAAGGAAAAGAAAAGAGCCGGAAGGCCA
 AA $\operatorname{l}$ GGGAAGGAAGAAGAAAAAAAGGAGGGAGGAACAAGGGCCGGAAGGAA AA $\operatorname{A} A \mathrm{~A}$ GAGGGGAAGAAGGAAAGGAGGAAGGGGGAAGGAGAGAAAGGAAA GGACAAGGAAGGGAAGGAACAGGCAGAAAAGACCAAAGGCCAAAAGGAGC CAAGAAGGAAAGAACAGAAAAAAAGAAAGGACACCAAGGAACAAGAAGGA AA GAAGGAAAAAAGAAAAGGAAAAGAGGGGGGAAGGGAGGAAGGAACGGC CCAAAAAGAGGAAAACAGGAAGGGGCAAAAAAGAAAGGGGGAGCCGAAGA A GAGAGGGGCCGGGGAAAAACGGAACCAGGGACGACCGAAGAGGAAAGGG GGGAAA GAAGGGGGAGGCAAAGAAGCAAGCCGGGGAAAGGGAAGAGGGA GAGAGAATAAGGGAGGAAAAAAGGGAGAGAGGACGAGGAAGAGGAAGGAA ACGGGGCCGAAAGGAGGAAGGGAGGGAAAAAGAGGAGGACGAACAGGGC

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GAGGAAAACCCCAAGACCGGAAGGCCCCGGAAGAAACCAAGGAAAAAAGG G G G GCCCAAAGGAGAAGAGGACCAAAAAAACCAGCACAGGACGGAGGGCC AAACGGGGAAGGCCAGAAGAGGCAAAGAGAGGCCCCGGAGGGGGAAGGA GGGGGCAGGAAAAAAAAGGGGGAGGAAAAAGGGGAGGGAGAGGATAAAA AGAGACGGGGGGAAAAGGGAAGCAGGAGGAAACCAAGAGGAGGAAAAACG AAGACAAGATAGGGAAGGAACCGGAAAAAAGGCCGGCCCCAAAAAAGGAA AA G G G G G G G GAAAAAAGGGGGGAAAAGGGGAAGGGGAAAAAACCGGAAA AGGAAAAGGGGGGAAGGTTGGGGGGGGGGAAAAGGCCAAGGCCGGAAGG G GAA $\operatorname{l}$ GGGAAGGAGCAGGAGGGAAAAAAGAGGGGAAGGAGCAAGAGGGG GGGGGAAAAAAGACAACAAGGGGCCGACACCGGAAGGAGAAAAAGAAGGG GAAAAGGGGGGAGAAAAAAAAGGAAGAGGGAGGAAAACCGGGAGAGAGGA ACCCCGGAGGGAAAGAGAGAAAGGGAAACGAGGGAAGCCGAACAGACAGG GAAAAGGGACCAAAGGGGGGGTTAACCAAGGCAAAGACCGAAGAGGGGGG AGAGGGGAAAAGGGGAAAGGAGGGAAAAAACAAAAGGAAGGAAGGGGGG GGCAAAGAAGAACCGGCAGACCGGGGGGCCCCGGAAGGGGACAGAGGAG GAAGGGGGAAGGAAAAACCAGCCGGGAAAGGAGAAAAAAGGGGAAGAAGG A G G G G G GAAATAAAA $A$ AA A CCCGAGGGGGCGGGGGGACGGCCGGGGGGGG AACCGGAAAAAGGGAGAAAAGGGGAAAAGAGCAGGAAAAGGGAAGGGAGG AGGAAAAAAAGGAACCGAGGAAAAAAGGGGGGGAAAAAGGAGGGGAAGGG CCGGGGAAAAGGAAAAAAGGAAACAGCAGAAAAAAAAAAAAGGGCCGAGG G GAAAACCGAGGGAAAAGACGCAGAAAACCGGGGAACCGAAAAAGGGCCA G GAA G GACCCGGAGGGAAGGAGACAAAGGAAAGGAAAAGGAAGGAGAAAG GAAAGGCCGGAGGGACCAAACCGGAAGAAGGAGAGGCCGGGGAGGCCAAG CCGGGAAAAGAGAAGAGGACAGGAAAAAAAGGGGAAAGAGAAGCAAGGGA ACACGAACGGAAGAAAAGGGAGGAGGGGAAGGGGGAAACAAAGGGGAGAA AACCAAGAGACGGGAAAAGGGGAAAGCAAAAGAAAAGAACAAGAGAGCGG GAAAAAGGGGGGGGAGACGGGGGGCCGGGGGGAAAAGGGGAAGGGGAAG GGGGGAAAAGGGGGGAAAAGGGGAAAAGGAAGGGGGGCCAACCAAGGAA AAAAGGAAGGGGGGGGAAGGGGAAGGAAGAAAAAGGAGGGGAGGTTAAA GCCAAGAAGAGGGAAGAAAAGAAAGGGCCAAAAAAAGGAAGAGGAAAAAG GAAAAAAAGAAGAAGAAGGAAAAAAGGAAAAAACCCCGGAGGGGGGAAAA CCCAAAGCCAAGGTTAAAAGAGAGAACGGGGAAAACAAACAGGAAAAAGG AGGGGAAAAAGCAGGGGAAGGGGACCAGAGAAAGGAGAGCCAGAAAGAAA AAAGAAGGGAGAGAGAGAAGCGAGGAAGGAACGAGGAGAAAGGGGGGGG G G G GAA G GAGGGGGGAAAAAGGGGGGAAAACCGGCCAGAGGAGGAAGGG GAAGAGGAAAAAACCGGGGAAGAAAAAGGGGGGACAACCAACCAGAGAGA A GA $\operatorname{A}$ G G GCCGGGGGGAAGGGAGGAAGGGGGGCCAGGGAGGAAGAGCGCA AGAGAAAAAAGGGAGGGGGAAGAGGGAAACAAAAGAAAGAAGAGGGCCAA G G G G G G G G G G G G G G G GAGCAAAGAAGGAGGCCAAGGGAAGGAAGAAAAA AAAAAGGGGAAGACCACAAGAAAAGAGAACCGAACAGAGGAAGGAAAGAG GAAGGGAAAAAGACCAAAAGGAAGAAGGGGGAGAGGGAAAAGGGAGAAGC AA $\ln A \operatorname{GGGGGGGAGCAAGAATTAAGAAAACAGAGGGAAGGAAGAGGGGACG}$ AAAGGAAGGGGGGAGGGCCGGACGAGGAAGAAAAGAAGGGAAAGGGGAG CAAAAAAAGGGAGAGGAGACGAGGAGGGAAAGGGGAGGGGCCGGGGACA AGAAAAGGGGGGGAACCGAGGAGGACAGGGGGGAAGAGAAG
$22004000-9$ AA GGGGACGGAGAGAGAAGGGGGAAAAAGGGGCAAAAGAAGC CCCCAAGGGGGGCAGGAAGGGAGGCCAAAAGGAACCAAAAGGGGAAAAGG AACCGGGGGAAGACAGAGCCGGGGGAAGCCAAGGAAAGAGAAGAAGAGGG G GCCGGAGAAGGGAGGAACAAAGAAAGGAAGGCCAGAGCCGGGGAAAAAA AA G G GAGAAACCAAACGGACAAGGGAAAGGGGGAAAGGAGAGACAGCCAG AA $\operatorname{l}$ GAGGAGGGGGGGGGGGGGGGGAAGGGGCCAAATAGGAAGGAGGGAG AGGGACCAGAAAAAAGGAACCGGAGGGAAGGAAAGAAGAAAGAAAGGGGG AGGAGGAGGAAGGAAAGACAGAGAGGGAGCAGAGGGACCGAAAAAGAAAG G G G G G A GACAACCAGGGAAGGAAGGAACCAGAAACCCGGAGAAGGAGAAA GCAAAAGTTGGAAAAAGGGGAAGAACCGAGGAAAAAACAATCCGGGGCCG G G GCAGAAACCAAAAGGAAAACCAAAAAAAAGGGGAAAACCGGAAGGGGA AGGAAGGAAAGGGAAGAGGAGACGGGGGGAAAACCAAAAGGGGAAGAACA GACGGAAGGGAGACAAGGAAAAAGGGGGGGGAGAAGGGAAAGACCAAAAG GGGGAAGCCGGAAGGAAAAGAAGAGAGAAAAGGGAAAGGAGAGAACCAAG GAAAAAAGGGACAGGAAAGAGGGCACCGCGGAGGGGGGGGAGGAGAGCA AGAAGAAAAAAAGACAGGAAGGGGCCAAGGAAAAGGCCGGAAAGAGGAAG

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GAAAAGGAAGAAAGAGGAGGAAGAAGAAAAAAAAGGGAAAAAAGGAAAAA AAAGAAAAAAAAAGGAAGAAAGAGGGGGGGGGAAGAAGGACGGGGGGGG AAGGACAGAAGGAAACCCGGAGAAGGAAAAAACAAGAGACGAGGAGGGAG ATGGACGGAGAAAGGAGGGAGAAAGGAGAAAAAAGAAAAAGGCCCCGGAA GGGGCCGGAAGGACGGAAAAGGGGCAAAAAAAGGACAAGGAAAGAGCAAA AGGAAAGAAAGGCCGGGGAAAAGACCGGGGGGGGAAAAGGGGGAAAAGC CGAAGCCAAGAGAAAGGAACCTAGGGGCCAGAGGGAGAAGGGGGGGAGG AAAAGGGGCCGGGAAGAGGGGAAAGGTAAGGAAAAAAGAGAAAAGGGGAA AAAAAAAAAAAAGGAAGGGGAAAAAAGGAAGGGGGGAAGGAAGGAAGGAG GAGGGAGGAAGGGGCCGGAAGAGAGGGGCCGAAAAGAAGGGGGGGAGAG GAAAAAGAGTTAAGGACGAGAGAGAAAAGACAAGGGACCAAGGAAAAAAG GGGCCGGGGCCTTCCAGGAAGAGAAAAAACGCCAGAGAAAAGGAAAGAAA AAGAAGGGGTTGGAGAAAGAACCGGCACCGGAAGGCCAAGAAGGAGGGAA GGGAGCCTTGGGGAAAACCGGAGAAGGGGGGAAGAAGGGAGGACAAAAG GGGGAGGAAAAAAAGGAACAACGAAGGAGGGGAAAGACCAACGAGGAGGG AGGGGGAAGGGGGGAAGGAAAGGGGGGGAAGACCAAGAACGACCAGGAG GAAGAAGGAGACCGGAAGAAGAACAGGAAGAAGACAGAGGAGGGGAAAAA AAAGGAACCAAGGAAAACGAGTAGGGGGAAGGGAAAGAAAGCCAAAGAGA GAAAAACGGGGGAAAGACACCTACCGGGGAAGGTTAAACACAAAGGACCA AGAGGAGAGGGAAAAAGAACAAAGGAAGGGGAGGACAGGAAGGAAGAGAC CAGCACCAGGGAGAAAAGAGGGGGGAAAGGGGGGGGGGGAAAGAAGGAA GGCAAGAAAAGGGGAAAAAAGGAAAGAAGAGGGGGGGGGGAAAGGAAGG GGGGGAAGGGACAGAAGGGAGAAAAAAGGAGGGAGAGGGGAAAAAAAGA GGGGAGGGGGAAGGAATTGGAAGGAAGGAAGAAAGAGAAGCCAAAAGGG GCCAAAAGGAACCAACCGGTTAAAAAAAAAACCGGAAAAGGGGAAGGAAA AGAAGGGAACGGGAAAAAGAGACAGTACCGGGACAGGAAGGAAAAAAGAG GAACCAAAAAACCAAGAAAACGAAGGGAGAGAAAACCGGAAGAAAAGGGC AAAGAAAAAAGGGGGGGGGCCCGGGAGCCGAGAAAGACCAACGGGAGGG GGAACAAAGGGAAAGGGAAAGGGGAAAGAAGGGAGGAACCAAGGGGAACA AGTTACAGCCGACCGAAAGGAAAAGGGAAAGGGGAAAACAAAACGGGGGG GGAAGGGGGGAGAAGAGGAAAAGAAGAAGGGGAAAAAATTGACCAGCCAA AGAAAAGAAGAAGGAAAAGGAAAAGGAAAAGGGAGGCCAAGGAAGGGGGG CCCCAAAAGACCAGGGGGAACCGGAGGGAACCGGAAAGAAAAAGGGGGAA AA GGAAGGGGAAGGAGGGAGAGAGGGGGGGAAAAAAAAGGAACCGGACA AGGGGCCGGTTAGGGGGACGGGGGACCGAACCAGAAGCACAACCCAAAGT TTTGAAAAAGGCAGACAGGGAAGGGAGCACAGAGAAAGGGGGGAGAGAGA AAGGGAGGAAAAAACGACAGGGAAGAAAGACGGGAGAGGGGAAAACAGGC CGACCAAGGAGAGGAAGGAGGGGAAGGAAGGGGCCAAGGTTGGGGGGAA GGCCGGGGGGAGCAGGGAGACAGACACCAGAGGGGGCAGGAGGAAACCA AACGGTTGGAAGGAAGGAAAAAAGGAACCAAAAAGGGGGAAAAAAGGGGA AGGGGAAGGAAGGGACCGGAGGAAGAAAACCCCACGAAATTGGGAGGAAG AAGCAGAAGCAGGGGGACCGGGGGGAGAGAGCAAGAGAAAGAGCAAAGGA AGGAGGGAAAGCCCAGGGAGAAGAGAGGACCAAAAAAGGCCAAAAAGAAC CGAAAACAGGGCCGGCCAAGAAAAGAGCCAGGGGGGAAGACGAAGCCGGA GGGGGGGAGAAGGAAGGCGAAGGGGAACGAGCCAGAAAACCAGAAAACCA GCCGGAAAAGGAAAAAAGGGGGGGGGGACAGAGCAAAGAAAGGAAAAGGA GAAAAAAGGCCGGAGGAGGAAAGGGGGAAGGCCAGGGGGAAAAAAGGAC GAAAGGGGACGAAGGCGGAAGGAGGGGGAAAAGGAAGGGGAAGGCCGGG GAGAAAGAAGAGGACAAAAAGGGCCGGAGGAGGAACATTAAAAAACCGGG AAAAAGAGAGGCCAAAAGAAAAAAAAACCCAGACAAAAGGAAGGAAAGGA ACCCCGAAGGAAAGGCCAAAGGACAACAGAAGGCCGGAAAAAAGGCCAAA AGGACAGAAAAAAAGCCGGCCAAAAGGCCGGAAAGGGAAGGGGGGAAGGG GAAGGCCAAGGAAGGAAAAAAAAAACCAAGGAAGGCCGGGGACAGAGCGG GGGAAGGACAGGGAAAGGAGCGAACCAACAAAAAAGAGAAGGGAGCCGGA AAACAGGAAGGGGGATTGAAAAACCCCGGCCAGGAGAGAACAAAAGGAAA AA GGAAAAAAAGAGAGGGGTTAAAAAAGGGGAAGGGGAAAAGGGGAAGGC CAAGGGAGGGGGGGGGACCGGAACCAGACGGAAGGAAGGCCGGAAGGAA CCGGAAAAGGAGAGGGGGAAAAAGCCGGAGAAGGAAAAAAAAAAAAGGGA TTCAAAAAAAGAAGGGAGAAAAACATAAAACCGGAAAAAAGAAAGAAGAG ACCCGGTTAGAAAAAAAAGGGGGCAGAGGAGAGGAGCGCCAGAAAGGGGG GGGGAAGGAACCAAGATTAAGAAGAAGAGGAAGGGAAAGGGGAAGGAATT

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A G G G GAA G G G G G GCCGGAAAAGGAGCGAAAAGGAACCAAGGAGGGGGCA GAAGGGCCAAAAGAAAGGAACAAAAGCAAAAGAAAAGAGAAAAGGGAGGG G G G GAA G GAGGGGAGAGAGGCCAAAAGGGGGGGAGGAAGGGGAAAGGGA GAAGGGGGAGAAAAGAGAAGGGGAAAAGGGCAGGGAGAAAAAAAAAGAAA AAAGGAAAAGGGGAGGAGAGGAGGGAGGGGGGAGAATGAAGACAAAGGG G G G G G GAACCAAGAAGCACCGGGGCCAGCCAAGGAGAGGGGGAAGAGAA GAGCCAACAACAGAAGGCGCCGGGAGAGACCCCAAGGGGGGAAAATTGGA AGGAAGGGGAAGGAAGGAAGGGGGGCCAAAAGGGGCCAAGGGGAAAAGG G G G GAAAAGGGGAAGGAAGGGGAAAAAACCGGGGGGGGGGAAGGAAGGA A G G G G G GAACCGGAAGGAAAAGGAAGGGGGGGGGGGGGGTTAAGGAAAA CCAAAAAAGGGGAAGGGGAAGGAAAACCAAAAGGAAAAGGAAAAAAGGAA CCTTAATTGGAAGGAAAAAAGGAAAAAAAAGGGGGGGGAAGGAAAAAAGG GGGGGGGGAACCAAGGGGAAGGGGCCAAAACCGGGGTTAAGGGGAAAAC CAAAACCGGGGGGAAAAAAGGAAAAGGGGCCAAAAAAAAAAAAAAGGCCC CAACCAAAAGGAAGGAAAAGGAAAAAAGGAAGGAAGGAACCGGGGAATTA ACCAAAAGGGGCCAAGGAAAAGGGGAAGGGGCCAAGGAACCGGGGGGGG AAAAAACCGGGGGGGGAAGGAAAAGGGGGGGGAAGGAAAATTGGGGGGA A G G AAAAAA G G G GAAAAGGAAAAGGAAAAGGGGCCCCAACCAAAAGGGGA AAAGGGGAAGGAAAAAAAAAAGGAACCGGAAAACCCCAACCAAGGAAAAA AAAAAGGAAAACCGGGGAAAAAAAACCGGCCGGAAAACCGGGGGGAAAAG GAAAAAAGGGGAAAAGGGGAAGGAAAAGGAAGGGGGGGGCCAAGGAAAAA AGGAAGGCCGGAAGGAAGGGGAAGGGGAAAAAAGGTTAAAAGGGGCCAAG G G GAA $\operatorname{G}$ GGGAAAAAAAAGGCCGGGGAAGGGGAAGGCCGGAAAACCCCAAG G G G G G A A A A G G G GAAGGGGGGGGCCAAAAAAGGAAGGGGAAAAAAAAAAA AAAGGCCGGGGAACCGGGGGGAAGGAAGGGGCCGGAAGGGGAAGGGGAA CCGGAAAAGGGGGGGGAAGGAAAAGGAAAAAAAAAGGGGGGGGGGGGAAG GAACCAAGGAAGGGGCCGGCAAGCCGGGAAGAAAAAACCAAGGGGAAAAG AAAGGGGTTAAGAGAAAAACAAAAAAAACGAAAGGGGGAGGAAGGAGAAC CGAGGAGAAGGGAGATTAAAAGGGGAAGGGGAAGGGGGGAACAGAAAAAC CAACCGGAGGACCAAGGAAAGCAGGGGGGGGAACCACAAGAAAAGCAGAA TGGGGAGAGAGGAGAGGAAGGGGAAGAAAGAGACCAAGAAAGGGGGGAA GACAGGGGGGAAAAAAAAAAAACCAAAGACGAAAAAGGAGCCAGGGACAA GGACGAGGAAACAAAGAGAAAAAAGAGATAGAAAGGGAGAGGAAAGAGAC G G GAACCGAGGGGGAAGGGGCCGGGGGGAGAAAAATAGGAGAGGAAAAG G G G G G A A A G G A A A A GAACCGAAAGGAAGAGGACGGGGAGAAGAAGGGGG GAAAGAGGGGAATTAAAAGAGAGGAAGAGGAAGAAAAAAAGGAACCCCGG GAACCAGGGGAAGGGGGGAGGGCAAGAGAGAAAAAAAAGGGAGAAAACGG AA G G G GAAGGGGAGGGAACCAAGAAGAGCAAAGGACAAAAACAGCCCCAA GAAAAGGAGGGGTAACGGATACGGAAAAGGGGGGGAGAAAAAGAGAAAAG AAGAAACCGGAGGGAAAAGGGGAAAGGGGGCAGGAAGGGGGAGGAAGGG GGGAAGGAAAAGGGAGGGGAAGGAAAGGAAAAGAAAGGGGAAAGAGAGA A G A G G GAAACGAGGGGGGGGGGCAGAAAAAGGCAGGAGGGGGACCAGGG A GAGGGACCAACCAAAGAATTGAAAAAGGAGGGGGGAAAAGACGGAGGGA AGGAAAAAAAAGGGGGGAGAGGGGGGGACGAAGGGAGGAGGAGACAGAA AAAAAAGGAGAAGAAAAGAGAAGGGGGGGGAAAAAAACGAAGAGCCGAGG AACAGGGGAAAAAAAAAAAACCAAGGGGAAAAAAACAAAAAGAAGAAGAG GGAAGGGGGGAAAAAGGGGCAGAAGGCAGGAAGGGGAGAGGGGGGGCAG GAAAAAAACAAAAGGGAAGGAAGGGAGAGGGGGGAGAGGAGGAAGAGAG GAAGGGAGCGAGAAGGCAGAAAAAAGAAAGAAGAAGAAGGGAAAGGAAGG AAAAGAGACCAGAAAACCAGAAGGAAAAGGGGAGAGCCGGGGGGCCGGAA G G GAAAAAGAAGAAAAGGAGGGGAAAGAGAAAAAGGCCAAACGGGGGGTT G G A A G G G G CAA $\operatorname{AAA}$ A G G G G G G G G G G G ACGGAGGGCAGGGGGGGGAAAAC CGGAAAACCAAAAAAGGGAAAGAAAGGGAGGCAAGCCGGAAAAAGGGAGG GAGAAAGAAAAAAGGACCCAGAACAGGAAGGGAAAGGCCAAGGAACCGGA AA $\operatorname{GAGAGAGGGAAGAAAGGAGAGAAAGCCAGGGGGCCGGGGGAAAAGAC}$ GGAGGGGGAAGGGATTAAGAGGGGGGCCGGAAGGAAGGGGAGGGAAAAC CCCGAGGGAGGGAGGAGGGAGGAGGCCAAGGGGACACGGAAGACCGGGA AGAGCCGGAGCAAAGGAGGAGAGCCCAGGGAGAGACGAACAGAAAAGGGG AACCAGAGGGAGGGGGGGCACACCAGGAGAGGGGGGAGAAGGGAGGCCA A GAGGACCCGGAAGGGAAGCCCCAGAGAGCAAGGGGGAAAAGGAAGGAAA AAGGGGGCAAGCCGGAGAGAGAACCAAACGGACAAGGAGGAACGGAGAGA

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 CAAAAGAAGAAGGAAGGAACAAAGGGGTTAAAAGAGGGGGGGGAAAAAAA CGGAAGGAAGGGGGGGGAGAACACAAAGGGAGAGGGACAGGAACAAGAA GGGACAACGGGGAAAACCGAAAAGAAGCGGAAAAGAAAAAAGAGAGGGAA AAAAGGCCAGGGAAGGGGAAAGAGGAGGAAGGCCCCAATTGGAAGGAAAG AGGAAAGAAACAGGAACCGGGAGAAGAAAAGGACGAGGAAAAGACCCCGA GAGAAGAGAGGGCAGGGGAAAGAAGAGGAAAAGAAGAGGAGGAGAACCG G G G G G A G G G G G G GAAAGGACAGAGGGGCCAAAAGGAAAGGGAAAGCAAA G GAAGAAAAGGGACAGGAAGGGGGGAAAAGGAAAAAAAAGGAGGACAAAG G GACAGAGAACCAGGCAAAGAGGGGGGGAAAAGGAGGGCGGGCCAAGGA GAAA G G G G G A A G G A G G A G G G G G G A A A A AA G GAAGGGGGGAAGGGGAAAA GGAAGGCCGAGAAACCGGAAGAGAGAGGAAAGAAAAGGAGAACAAAAAAA G G GAGAACATCCAGGGGGCAAAGAGAAAAAGAGAAAGAGGCCGGGGAACC AAAAGGAAAAGGGAGGGGAAGGGAAAGGGGCAGAGGGGGGAAAACCAGG AGGCCCAAAAGGGAAAGGAAAGGAAGAAAAAGACCAGAGAAAAGAAAAAG GAGAAAACCGGGGGACCGGAAGAAGGGGGGGGGCCGGAGAAAAGGGGAA AAAAGGAAAGAAGGGGGGGAAAGAAAGAGGACAGGAAGGGAAGGGAAACC G GAAAAGGAAAGAGGAGAAGGGGGGAGGAGGGGGGGAAAAAATTAAGGA AAAAAAAAGGGGAGGAAGACAGGGGGGGGGGCCAAGGGGGGCGAAGAAG GGAGGAGAAACCAAAAAAAGGGAAGGGGGATAACGAAAGAAGGAGGAAAC CCAAACAAGGGGGAGAGGCAAGGGAAAGAGAGGGAAAGAAGAAGGGGAG GAAAAAAGGAAGAGGGGAACCGGAAAAGGAAGAGGGGACGAAAACGGGGA GCCGGAAGAAAAGAGAAAAAAGGCCGGGGAAGAGGAGACCACACAAAAAA GAGAAAAACAAACAAGGAGCCGACCGGAGCCGGAGGGGGAAGGGGCCACA A G GCAAA G GAAGGGAGGAGGGGGAAGGGGGGGGGAGGAAAAGGACGAGA GAGGAGGGCCGGGGAGGGCCAAGGAAAAAAGGAAGGGGAGGAAAGGGGA GCCAAAGGAAGGGGGAGAAAGAGCACACAGGAAAAGGGGAAGGAAAGGAG AAGAGAACAGAAAAAAAAAGAATGGAACAACACGGGGAAAAAAAAAAGGA AAAAGAGGAGAAGCGGGCCAGAAAAGGAAGACCCCGGGGAAAGAGCAGGA ACAAGGGGGGGAAAAGGGGGAAAAAATCAGGGACCGGAGGAAGAAGGGA GAGGGGGGGGGGACAAAGACGAAAAAAAGAAGGGCCGGGGAAAGGGAAG G GAGGAGGAAAATAAACCCAAAACCAAAAAGAGAAAAAATTCCCCGGAGG AGGAAACTTGGGGAGAAGGAAAAGAAAGGAACCGGGGGAAGGGAAAAAAA AAAAAGGGAAAGGGGAAGGGGAAGGCCGGGGAACCAAGGGGAAACACAAC AGAAGAAGGAAGGAAAGAGAACAAGGAAAAAAAACCCCACAAGCAGGAAA GGAGAACAAGGGAGGCCAGAAAGGGAGAGGGGAGAGGGAGGGACCAAGA CCAGGGAACCGGAAAAACCAACGAAGCCAGGAAAAAGGAAAAACGGGGAG GACCGAAAAAAAGAAGGAAGGGAAAAGGGGCCGGGAAAAAGAAGGGAACC AGAAGGCCAAAGGGAGTTGGGGAAGGGGCCGGAGGGAGAAGGAAAGAGC AGGCGACGAGAAGCAAGAGAAAAGAAAAAGAAAAACAAACAAAGGGGAAG GAGGGCAGGAGAAAAAAAAGGAGAGCACAGAGGCCAAGGCCGGGGGACCC AGGGAGAAAAGGGAGAAAAAAAAGGGGAAAAAAGGAGCCGAAAAGAAAAG G G G GA GAAGGGAGGAAAAGAGAAGAAAGGAAAAAAAAAGCAAAGGCCAAA A G G G G G GCCGACAAAAAAAAGGACCCCAAAAAAAAGGGGAGAAAGGACCG GGGAAAACCGGGGAGAAGGGGAGCAGGGGAAGGAAAGGAAAGAAGAGAG AAAAAGAGAGATGAGAACGGAAGGGGGGAAAAGGGAGAGAGGGGAAGGA AAAACGGGAGGGGGGCCGAAAGGAGAATTGAAGGAAGAGAACAGAGAAAA AGGGGAAAAGGCCAAGGGGGGAAGGAAGGGGCCAAAGCCGGAAAGGGGA TAAGAGGAAGAGGAAAAAAGGGAAAAAATTAAAAAGGGAAGGAGAAGGGA AGAGAAGGAAACGGGGGACCCCAAAAGAAAAAAAAACCAGAGAAAAGGAG AAAAGGAAGGAAAAGGAAAAAAAAAAGGAAAAGGGGGGAAAAAAGGGGGG AAAAAAGGGGAAAAGGAAAAAAGGAAAAGGAAAAGGCCAAAAAAGGGGAA AATTGGGGGGGGGGAAGGAAAAAAGGAAAAGGGGAAGGGGAACCGGAAA

AAAGGCCGGGGGGAAAACCCCTTGGAAGGGGAAAATTAAGGGGAAGGGGA A G GCCGGGGGGGGCCGGAAAAGGAAAACCGGAAGGGGAACCGGGGGGCC G G G GAAAAAACCAAGGGGAAGGCCAACCGGCCGGAGGAAGGAGAGGAGAC AAAAGGGGAAAAGGAAAAAAAAGGGGCAAAGGAAAAGGGGAGGGAAGGGG CCAGAAGAGGAGGGACAGAAAGGAGGAAGGAAGGAACAGGAAAGGAAGAG GAAAGGAACCAAAAAGAACACCCACAAAAGAAAAGGGGGAAAAGGGACAA GGAAAACCGGAAGAGACCGAGGAAGAAAGAACACAGAGACGGCCAAAAAA G G G GAAACAAGGGGGGAGGGGGAAGAGGAAGAAGAAGGAGAACCGGAGG GAAGGAACCGAGAGGAAAAGGCAAGGGAGGACCGAGAGAGGGGGGAGGG AA G GAAGGAAAGGGGAAAGAGAACCAAGACAAGGGGGGAAAGAAAGCAAG AAAAAAGGAACCGGAAGGGGAACCAGGGACAAAGGAAACAAGCCGGAAAC AAAAGGGGGAGGCCAAGAAAGGCCGGGGGGAGGGGGGGGGGAAAAAAGA AGGGGGGCCAAAAGGAAAAAAGGGGGGAAGACAGAGGGAAGGGGGAGGG GAGGGGAAAAACACAACCGGAAGGAAGGCCGAAATAAAGGGAGAGAAAAC GGGGAAGAAACCAAGACACCGGACAAAAGGGAAGAGGGGAAAAGAGGAAA CCCCGGCCAGAGAAGGAAGGGGGGCCGGGGGGAACCCACAAGAGAAGAAA AAAAGGAACCCCGGAGAGAAGAGGGACCGGGAAAGGGGGGCCGGGAGGA ACCGGGGAGGGGAGAGGAGAGGGGGGGGGCCAACCAAGGGAGGGAAAGG G G G G G G A A G G G GAACCCCGGCCGGCCGGAAGGGGAAGGGGAAAAAAGGA GACGGAAAAGGAACCAGAAGGAACCCCAAGGAAAGCCCCAACAGAAAGGA AGGAAACGGGAAGGGAGAAAAGGGGAAAAACGGGAGGAGGGAGAGGGAA A GAAAACAGGGGAAGGAAGGGGGAAAGGAGGAGGGGAGGAGAGAGGGGG G GAA $A$ AA G GAA GGGAAAGGGAAAGGAAAAAAAAGGCCGGGGGGAAAGAAG AAAGGAGAAAAGGGGGGAGGGAGGGGAAGGGAAGGGGGAAGGAGGAAAA G G G GAA $\operatorname{G}$ GGGGGGGGGAAAAGAAAACAGGGAAGGAGCCAAAAAACCGGG G G C G G A A G G A A G GCGAGAGGGCAGGAACCGGGGGGAAAAGGCCAAAAGG AAGGGGAGGGGAGAAAGGCCAAAAAAGGGGAAAGAAGGAAGAAACCACCC AGCCCAACGAAGAACAAGGAGGATGGGGGGGGAGAAAAGAAAAAAACAGG GAGGTTGAGGGAGGGGAGAAAAAAAAGGCAGGACAAGAGGGACAGGAGA GAAGAACAAGGGGGGAAGGACAGAGGGGGGAGGCCAGGGCCAAGGAGGA AACACCAAGACCCCCCAACCGAAAACAGAAAGAAAAGAGAGGGGAAAAGG G GCCGGGGAACCAGAGAAGAGGAAAAGGGGGGCCGAAACCGAGAAGGACC AAAGAAAGAAGGGACCAACCCAGGAAAAGGGAGGAGGAGGAAGGCCGGAA AA G GAGAAAAAAAAAGAGACGGCCAGAAGGAGGGGAAGGGCCAACCGGGG GGAACAGGAACAGGCCGGAAGACAGGGGGGGAAAGAGGAGAAAAAAGGG GGGCCGGAAAAAAAAGGAAGAGGAGAAGGAGGAAGCCAAGGGAAGAGAAA AGAGGCCGGAAAGAAAAAGAAGGGGGAAGAAGAAAGGAGAAGGGGAGAAC AAGAGAAGACCGAAGAAGGGGCCGGACAAAAGAACGGAGATGGAAAAAAA A G A G G GA G G G GACGGACGAAGGGGGAGAAAGGAAGGGGGGGAAAAAAAA AA G GCCAAAAAAGGAAAAAAGGAAGGGGGGGGGGGGGGGGGGAAGGGGG GAAGGAAGGGGAAGGAAGGGGGGAAGGAAGGAAAAGGAAGGAAGGAAAA GGGGAAAAGGAAAAGGAAAAAAAAGGCCGGAAGGGGAAGGCCGGGGAAAA AAAAAAAAAAGGGGAAAACCCCGGGGGGGGGGGGAAGGAAAACCGGGGG G G GAACCCCGGGGGGAAGGGGCCGGGGAAGGAGAGGGGAGGACGAGAGG AGACGAAGGAAAAAAGAAGGAAAGAGGGAGAGGAAAGGAAAAGGAACCGG GGAAGGGGAAGGCCAAAAAAGGGGAAGGGGAAAAAACCGGAAAAGGGGAA AAAACCGGGGGGAAAAAAGGCCAAAACCAAGGAAAACCGGGGAAGGAAAA AAAAAAGGAACCAAAAGGAAGGCCGGAACCAAGGCCAAAAGGAAAAAAAA G G G GAA G G G G G G A AAA G G G GAAAACCAAAAGGGGGGAAGGGGAAGGGGC CGGCCAAGGAAAAGGCCGGAACCAAAAAAGGGGAAAAAAGGGGAAGGGGA AGGAAAAGGGGGGCCGGGGGGAACCAAAAGGGGAAGGGGAAAAAAGGGG G GAACCAAGGAAGGGGCCGGGGGGGGGGGGGGGGAAGGAAGGGGAAGGG G G G G G G G A A A A G G G G G GAAGGAAAAAAAAAAAAGGAAGGAAAAAGAAAGG GAGAAGGGGAAAAATAGGAGGAGAAAGACACAGAGAAAATTGGCCGAATG GAAAGGAAACCGAAAGAAGGAGAGGAAGGAGAAGGCCGGGGGGAAGGGG GGCCAAAAAACCAACCAACCGGAAGGAAGGGGGGAAAAAAAAGGGGGGCC CCCCAAGGAACCGGAAGGCCGGGGGGCCAACCGGGGAAGGGGAAAAAAAA AAAAGGAAAAGGAAAAGGGGGGGGGGGGCCAAGGTTAACCAAGGGGAAG GAAAAGGAAGGAACCGGAAAACCGGGGAAAAGGAAGGGGAAGGCCGGAAG G G G G G G GAAAAGGGGCCGGAAGGAAAAGGAACCCCAAGGAAAAAAGGATA AAGAGAATTGGACAAAAAGAAAAAAGGGAACGAGGAAAAGGAGAAAAAAA

G G G AAA G G G GAGGGAGGAGGGGGCAGAGGCAACAAGAAGAGAAGGATAC AAAGGGAAAAGAGGGGGGAAGGGGGAACGGAGAGAAAAAGCCAGAAAAGG AA $\operatorname{G} \operatorname{GAG} \operatorname{GACCAA} \operatorname{ACGGAAGGAAGGGGGAGAAACCTTGAGAGGCCAAAAGG}$ GACCAGAAGGAAGGAAGGAACCAAAAGGAAAGGACCAGGGGGAAAAAAGG CCAAAAAAGGAAGAAACAAGGGGAGGCCCAAGAACAGAGGAGGGAAAGGA A GCCGGAGGGCAGGAGAGGGAGCAAGGAGGAAAGGAGAAGGGGAGGGGG G G G A GAA G GAGAAGAAGGGGGAAAAGGCCAAGGAAGGAAGGAACCAAAAG GAAGGAAAACCCAGAGGGGGGGGGGAAAAAAGGGAGGGGAGAAAGAGAA CCGGAGGGAGGGGGAGAGGGGAAGAAGGGGACAAAGGGGGCCGGAGAAG GAGAGACAGGAGAAAGGAGGGAAAGACACGGAAGGAAGGACAAGGAACCA ACCGGGGAAAAGGAAAACCAACCAACCAGGGAGAAAACAGACAGGGGAAA CAAGAGAAGAGGAAGGGAAGAAAAGACAGAGCCGGGAAAGGGGACAAGGA CGGAAGGGGGGAAAGAGGAACGAAAGGGGGGAAAGACGAAGAGGAGGGG AGGGAAGGAACCGGAAAAGGCCGGAGCAGAAGGAAGGGGGGGGGGGGGG AGAAGGAGGAAGGAAAAAAGAGGGGAAGAGAAGGAGGGACAAGCCGGAAA ACAAAGGTTGGAAGAAGGGGAAGATCACCCAAAGGACAGAGAAGGAAAAG GAAGGCCAACCCAAAGGAGGGAAGGGGGAGAAGCCAGAGAGAAAAGGGAG GAAGAGGAAGAAGAAAGGGAGAAAAAAGGGGGAGGACGGCCAGGGAGGG GGGAGGAGAGGGGATTACGAAGGGAGGGGGGAGGAGAGGGAACCAAGGA GAAAGGGAAGAAAGGAGGAAGAGCACCAGAGGACCACGGAAGGCAAACCG AAGAAGGGAGAGAAACGAGACAAAGAAGGACAAACAAGGAACAAGAAGGC C G G G GA G G G C CAA G G G G G G GAAA $\operatorname{AAGAGGCCGGGGAGGAAACCGAACGG}$
 GAAGGGGAAAAAGGGAAAAAGAGGGAAGGGGAGGGCAAGAAGGGGAAGG ACGAAGGGGAAGGGAGAAGGCCAGAAGGGAGAAGGAGAAGAAAAGGAAAG GGGAGAAACAAGAACCAGGAGGGAAGGGGGGGGAACGGAAGGAAGGAAA ATTGGGGGAAGAGAGGAAGAAAGGGGGAAACGAAAGGGGAAGGGGGGAA AA $\operatorname{A} G \mathrm{GGCCGGGGCCGGAACCCCAAAAGGGGAAGGGGGGAGGGGAGGGGA}$ AGAGGGAAAGGAGGGGAGGGAAGAACATTCCGGGAAAGGCCGGACAAGAG AAAAGAGAGAAGGGGAGAGGGGCGGGGAGTAGGAAAAGGAACCAAAAGG GGGAAAAAAGAAGGGAAAAGGGAGAGAAGGAGGAACAAGGAACCGACCAA GGAACCAGGGGGGGAACCGAGAAGAGAGGGAGGGGGCCAAGGGGAAGGG AGGCCGACAAGAGGAGAAAAAGAGAGAAAAGCCAGGGGGCCAGGAGACAG AA G G ATTAAAAAAGGAAGAGGAAGGAGGGGGAGGGGGAAAGAGACGGGG AAAAAAGGGGGAAGGAGAAAGGGAGAGGGCAGTTAAGGGGAAAACAGGGA AAGAGGGGAAGGAAGAAGAAGGAAAGAAAAAACCAAAAGGAGAAAGGGAC GGCCCAGGAAGAGGCCAAAAGGGGAAAAGGAAGGGGGACCAAGGACGGG GAAGGGGAAAAGGAAGAGAGGAAAGACAGGGGGGGGAAAAAGAGGCAAAC C G G G G G G G GAGAGCCAAAACCACAAGGAGGAGAAGCCGGGGGGGAGGGA GAGAAAGGAAAGCCGAAATAGAAGGGAGGGCCGGAAGGAGGAAAAAGGAA CGAAGAAAGAGGCCGGAAGAAAACGAGGCACCCCACAGACAGAGGAAGAA A G G G G GAA $\operatorname{la} A \operatorname{ACGGGGAAAAGAGGAAGAAAGGCAGGGGAAGGGGGGGAA}$ GAAAAGGGGAAAAAGAGGAAAAAAACAAGCCAACCAAAGAAGAAGGAGGG GAGAAAAGAAAAAGGCCCCGGAAAAGAGGAGACAAGGAAGGGGCCAGCAG GCACAGGAAGGAAAAAGGGAAAAGGCCGAGAAGAGGCATGGAAGAAAAAG A G G G G G G G GAGGAGAAGGGGGTTAAGGGGGGAGAAACGAAGAGGAGAGA AGGAAGGAGGGGGGAAGGCAGGCCTTAAGAAAGGGGAAGGGAGGGAAAA AAACCAAAAGGGGGGAGAAGGTAAGGAAAAACAGGAGGACCAGAAAACCC AAAGGAGAACCAAAAAAAAAAAAGGAAGGAAAACCAAAAGACACAAAAAGA GAAACCGAGGAGAAGGGAAACCGACCAACCGAAGAGAAGAGAGAGAGGGA GGGGGAAGCACCGAGACCAAAGAAAAGGAGACGGCCGGGGGGGAGAAAAG GAGGAGAGAAGGGAGGCCAAGGAAAAAAAAAAGGAAGGGACCAGGGAAAC GAGAGGAAGGGGAAAAAAAAAAAAGGAGAGGAAGAAAAAAGGGAAGAAGG AAGGAAAAAAAAGAGGCAAGCACCCCGGAAGGAAAGGGAAAAAAAAGGCC G GAAGGAAAAAAGGAAAAGGAAAAGGGGAAAAGGAAAAAAGGAAGGGGGG AAAAGAAGGGAAAAGGAGCCAAGGCCACGGGAGGGGCCAAAACCAAGAAG G G G G G G G ACCAACGGAGGGGGGAAAACCGAAAAAAACCGGAAGGGGCCAA AA G GAAGAGGGGAAGGTTGGGGGGGGAAAAGGAAGCGGGAAAGGGGAAG GAAAGAAGAGGAGAAAGGGCCGGAGACAAGGGGGGGGAAAAGGGCCCGG GGGGAAAGGAGGGAAAGGCAGGAAAAGGAAAAGGGGAAAAGGAGCCGACA AAAGGGCAGGGGAGAGCCAAACGGGAAGGCGGTTAGAAAAGGGGCCAGG

G G G GAACCCGGAAGAAAGGAAGGCCGGAAGAGGAGGGGGGGAGGGGGCC GGAAAGGAAGAACCGGCCAAGGAAAAGGCCAAAAAAAAGGAGGCAAAACC GGAAGGAGAAAAAACCAAAGAAAGAAGGGGGGAAAAAAAAGAGAAAGGAA G GAAAAGGGGAACCAGAAGGGGAGCACCAAGAGAGGGGGGAAAAGGAAGC AACGGGAGAGAAAAAAAGAGGGAAAGAAGAGGAAGGGGAAGGGGGGGAA AAAAAGGAAGGAAACGAAGAACAGGAAGGGAGGAAAGACAACCCAAAACA A G G G G G G GCAAAAAGAGAGAGAAAAGAGGCCGGGAGGGGGGAGGAAAAA CCAAGAAGCCGGCAGGAGCAAACCAAAAGGAACAGGGGGGGGAAGGAATT GGGGCACAAACCAGGAGGAAACGGAGAGACGAGACCAAGAGGGGAAAAAA G G G G A G AA GCGGAGGCAACAAAAAAGGGAAAGGGAGAAGAAAAAGAAACC GAAGAAACAAAACCGGCCGGTACAGGGGAGAGAAGGAAGGAAAAGGGGAA GGGGCAAAGAAGAAGAGAAGAAGGAGAACGGGAAAGAGAGAAAGAGAGAA AAGGACACAAAACCGAGGGGGGGGGAGGGGATAAAAAACCGGGGAGAACC GGGGGACCAGAGGGGACCAGAGAAAACAGGAAAAAGACAAGGAGAGAAAG AAAGGAAAGACCAGACGAGGGGAACCGGAGGAAGGAGAAAGGAAACGGTA AAAAGGAAGGAAGAAAAGAAGGCCAGAAGAAGAAAGGGAGAAGGAAGAGG AA G G GACAGGGGGGGAACAAAAGGTAAAAGGAGGGGGGAGAAAAAAAAAA GGAAAAAACCACGAAAAAGGGGAAAAGGAAAACCCCGGAAAAAAGGAGAG AAGACCGAGGAAGAAATAGAGGAAGGCCGGCCAAGGGGGGAAAAGGAAAA CCGGGGAAGGAAAAGGAAAAAAAAGGCCGGAAGGAAAAGGGGGGGGAGAA G G GAGCAAGGAAGAGGAGAAAAAGAGAAGGAAAAAAAGACGGCCGAACAA A GAA $\operatorname{la} A A \operatorname{A} \operatorname{GCCGAAAGGGGAGGGAAGGGGGAGGCCGAAAGAAGGAAAG}$ GAGCCAAGGAAAAAAGGCCGACCAGAGAGGACAGAAAAGAGGAAGGGGGA AAAAAGGGGGGGAGGGGGAAAAGGGGAGAAAGGGGAAAACCAATTAACCC GTTAAAAGGGGCCGGGGCAGGAAGGAGCAAGACAAGAGGAAGAGGGGGG CAGCGGCAGGTTCCGGGAGAGGCCCAGAAACCGGGGAGGAGGAGCCAAAA GGGGACGGAAGGAGAGGAAGAAAGAAAGAGGGCCGGAAGGAAGGCCGAA AAAAGAGCCCCAAGGAAAGGGGAGGGGAAAAAAAAGGAGGGCAGAGGGGA AAAAAGGGGAGGGAGGGAGGAAAAGGGAAAAAAGGAGAGACGGAGGCAG A GAGAAGAGGGGAAGGGGAGAAGGGGAAGAAGGGAAGGGGGGGGCCGGC CGGAAGACCACGGAAGGAAAAAAAAAAGGCCGGAAGGGGAACCAACCAGG GAAGAAACCGACCAAAGGGAGCAAAGGAAGGGGAAATGGGGAAAGAAACG AGAAGAGTTGGGGGGCCAACAGAAGCCGGGGGGAAGGAAAAAAAAGGAAC C GACCAAAAAAAAAGCAAAAAGAAGAAGGAAGGAGTAGGGGAGAAGGAGA AGGAAGAGAAGGGGGAAGGGGAAAAAAAGAGAAGGCCAAAGAAAAAGGGG ACCAGAAGAAAGACAGGCCAAGAAAGGGGAGGACCGACAAGAGAAGGGGG GAAGGAAAAATGGCCGGAGCCAAAGGAGGGAAGAATTGAGGCAGAAGAAC AA G GAAAGGAAAAAGAACCAAAAAGAAAAACAAGGGGAAAGAAAGGGGGG GAAAAGGAAAAAAAAGGAAGGAAGAGACAAAAGGGCAAAGAGGAGAGAAG AA $\operatorname{GACGGGGGGGGAAAAAAAAAAAACCGGAAGGGGAGGAGGGGAGGAAG}$ AAAAAAAGAGGAGAAAGAGGAAAGAGGAGAAGACATAGAGAGGAACGAAG A GAAAGAAAAGAGGGGCCGGGGGGGGAAGGGGAAAAGGCGAAAGAAAAG GCAGGCCGAAGACAACAGGAAAAAACAAGCCGAAGCCGGCCGGGGTTGGA A GAGGCCGGGGGGAGAAGGCAGGGGAAGACCGACCGGCCAGGGGGGGAA GGGGAAAAAAGGAAGGGAGGAGCAGGAAGGGGGAAGGGAGGACCAAGGG GAAAGAAGGACAAAAAAAAGAGGCAAAAAAGGGGGAAAGAGGAGAAGCAA CAGAGAGGGCCAGGAGGAGGAAGAACCGGGGGGGAGGAAAGCAAGAAGG AAAGAGGGGGAACCGGAAGGAAAGGAAAGGAAGAGGAACCGGCCGGAGG GGGAAGGAACCAGAGGAAACCAGAAAAAAAGAAGAGGGAAAAAAAGGAAC CGGAGGGAAAAGGAACCGGAGGGCAAAGGAGCCGGAACCGAGGAAGGGG AACCCCAGGAAGGGCCCCGGCAACCAACAAGGGGGGGGAAAGAAACGAGA AA $\operatorname{A}$ GAAGGGGGGCCGGCCAGGGGGACGGAAGGAGAGGGAAGGGGAAAAA CATAGGACGCAGAGGGGAGAAAAGGGGAAGGGACGCACCAAGGAAGGGG G G ACAACCAGGGGGGAGGAGGGAGGAAGGGGGGGAAAAAAGAGGCCCAG G G A A A G G AAA G GAAAGAGGGGGGAAAACCGGGGAAAAAAAGAAGGGGAGA G G A G A A A G G ACGAGGGGAAGGAAGGAGAGGGAAAACCAGAAGGAGGGGG AGACCCGGGGCAAGCAAAGGCCAAAAAAGGGGAGAGGGAAAAGGGGAAGG AAAAGGCCCCAACCAAGGGGGGAAAAAAAAGGGGGGAAAAAAGGCCGGGG AACCGGGGAAAAAAAAAAGGAAAAGGCCGGGGGGAAGGGGGGAACCGGAA G G G G A A A A G G G G G G G GAACCGGAAAAAAAAGGGGAAAAGGGGGGGGAAA AGGGGGGAAAGGGGACCAAGGCCAAGGGGAACCAAAAAAGGAAAAAAGGA

AAAGGGGGGGGAAAAAAAAAAAAGGAAAAAAGGGGAAGGAAAAGGGGGGG AGGAAGGCCAAAAAGCCGGGAGGGAGGAGAAGGGGGGAAGAAAGCGAAG AGAGGGAAGGAGAAAGAGGGAACAAAGGAACAAAGGGAAACCAAAGGGAA AACAAAAGAGGAAGGGACCCAACCAAGGCCGGCCGGATGGGGAAGGGGAA AA G G G GAA GAGGAAGGGGAGAAGGAAAAAAAAAAAAAAGGAAGGGGAAGG AAA $\operatorname{l}$ GGGGGGAAGGAAGGAGAGACCCACGAGGAAGGAAGAGAAGAAGGAA G G G GAAAAAAAAAAAGGGGGAAGAAGCAACGGGGAAGGGGGGACAGGGG GAGGGGAAGGAGGGGGACCAGAATAAGACAGGGGGGGGGACGGAAAAGG ATAAGGAAGGAAAAAAAAACAAAAAAAAAAGGGGGGAAAACCAAGGAGGG AACCGGCAGAGAGAAGGAAAGGGGAACCAAAAGGCCGAGAAAAACAAAAA GGAGAAGGGACCAAAAGGGGGGAAAACCAACAAAACGAGAAGAAAAAAAA GGAAGGAAGGAGAAAAGGAAGGGGGGAGAGAGAGGGAACCGGAAAGAGA AGGGGGGAAGGGGGAAAACAAGGGGAACAAGGAGAAAAAAACAAAAAAAA GAAAGGAGAAAAGAAGGGAAGAGAGAGGAAGAAGAGAGGGGAAACAAAAG AAAAACCGGAAGGGGGGAAAAGAAAGGGGCCAAGAGACAGGAAGGAAGGA AAGGAAAAAGGAGAGAAAGGGAAAAAGGAAGGAAGAAGAAAGGCCAGGGA GGGAAGAAGGAACAGCCGGGAGGAGAGAAAAAGGGAAAGAAGAAAAGAAG AAAGGAAAAAGGGAAAATAAAAGGGAGAACCCCAAGGAAAAAGGGCAGGC CAGAAGAAAAAAAGGCAAGAGGAAAAGAGGAAAGACAAGGGAAGGAGAAG ACCGGGAAGAGAGAAGGAGAGGAGAAGCGGGAACAAAGGGGAGGACAAAA A G G G G T A CCGGGGGGAGGAGGGGGGGAAAGGAAAGGGGGGGCCGGACGG GAAGAAGAAGAAGGAAAAGAGAGGAAGAAACCGGCCCAGGAGGGGGTTGG G GAAAAAAGGAAGGGGGGCCAAGGAAGGAAAACCAAGGCCGGAGAGCAGA AAGAAAAAACCCAAAGGAAAGGGGCCAGCCAATAAGAAGGAAAAGGGAGA C G G G GAGGAGGGAAAACCGGGGGAGCCCAGCCGGAAAACCAACCGAGGAA AGAAAGGCCAAAAAGGAACGAAGGCCTAAAAGGGGGAAAGAAGGAAAAGG GAAGGGGAGGAAGGAGAAGGGGGGACGAAGGGAAAGGACCGGCAGGGGG AAAGGGGAAGAGGCCACGGAAGGCCAAGGCCGAGGGGGGGGGGGGGGCC GGCCGGAAAAGGGGGGAAAAAAAAAAAAAACAAGGGGGCCCCAAAAAAGG AATTGGCACAACAAAAGGTTAATTGAGAAAAAGAAAAAAAGGAAGGAAGG GGGGAAAAAAGGGAAGAACAAAAGGGGAAACCGGCCAAAAGAGGCCACGG G GAGAACAAGAAGAGGGGGGGAAGTTAAGGGGCCGGAAGGCCGCACGACA AGGGAAGAGGAGGGCAGAGGGATTCCACCAAAAGCCCCGAGGAAGGACAG CCAGGGAAGGAAACAGCAGGAACCGGGAGAGGGAACGGTAAAGGGGAAGG GAGAGGGAAAAAGGAAAGGGAAGGAAAAGGAAGGAAGGAAGGGGGGAAA GAAAGAGGAGGGAGGCCGGGAAAGGAAGAGGGGGGAAGGAAGGGGTTGG ACGGGGGCGGCAGAACAAACAAAAAAAAGGGGAAAAAGAGAAGGAAAAAA G G G GAATTAAGAAGAGGAAGAAGGCCAGAAGGGGAGGGGGAAAAAGAAG GAAAGAAAAGGGGAGAAAAGGGGGGAAAAGGGGAAAAAAGGAGAGAAAAG AAAAATACCAAGGAGAGAAAGGAAAGGGAAAGAGGTTGGAAAGGAACCGA GCCCAGAAGGGGGGGAGGGGAAGGGGGAGGGGGGGGAGAAGGGAAGGAA AAAAGGAGGGAAAAAAAAAGGGGAGGGGAAAGAAGGGGAAGGAAGGAGCC GAAGACAGGGGGAAGGCAGGGGGGAGAACCAAGGAGGACCAACCAACAGA AAGGAAATAGTTGGAAGGAAAAAAGAAGAAGGCGAAAGAATTAAAAGAAA G G G G G G G G G GCCGGGGGGAAAAGGAAGGGGGGGGAAAAAACCAAGGGGG AGACCCAGGGGGGAGAAAAAAAAGGGGACAACCAAAACAAGACAAGGCAC CGGAGAAAAGGAACCGGCAAACAAAGGCCGAAGGAAAGGGGAGGAAGAGA GAGAAAGAAGACAAAGGAGGGAACCGGGGGGAGAACCAACACAGGAAAAC CGGAAGGGGCCGGGGGGAGCGCCGGGGAAAAAGAAGGCAAAGGAAGAAA G G G GCCAA G G G A G G G G CCCCACCAAAAAAAAAGGGGCAGAAGGGCCAAGG G GCCGGGAGGAACCAACCCCCAGCAGAAGGAAAAGAAGAAAACCAGGGGG AACACAAAAGCAGAGAGGGGGGTTGAAAAGAAGGAAGAAGGAAGAGGGAA AA $\operatorname{GAACGAAAAGAGAGGGGGGGAAGGGGGGGGAAAAGAAAGGAAAAAAG~}$ GAACAGGGGAACAGGAGAAAATTAGAGACGGGAAAACAACCACAGAACCC CAAAAGAAACCGAGAAGGGAAGGGAGGAAGGAACAGGGGAACAAAAGAAG G G G GAA G G G GAGGAAACAAAGTTCGGGGGAAAAAAGAGAAGAGGCGAAG GCGGGGAAAAGAGAGGGAAAGAAAGGAAGGCCAAAGAGGGGAAAAACCAG AAAAGGGACCCCGGGGGGAAAACCAAGGAGGGTAGAAAAAAACCAAGGGG GGCCGGGGGAGAAGGAAGCACAGAAGAAAGAAAGGAGGGGGGGGAGAAA AAAAAGACCCCAGGGGGGGGGAAGGGAGGAAAAGAGGAAGGAAGGGGAA AAAACCAAGAGGGGGAAGGGAAGGGGAAGGAAAAACAGAGGACCTTGGGA

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ACCAGAGAAAAAAGGGGAAGAAAAAGGAAGGGGCAGGGGGAAGGGGGAAA AAA $\operatorname{A} G \mathrm{G}$ GCCAAAAGGAAAAGGGGGGAAGGTTGGCGAGGAAGAGGAAGAAC CAAGGCCGGAAGGAAGGAAGAAGAGGGACAGGGAAAGGAAAAGCCAAGGC CAAAAAAGGAAGGAACCGGAAGAGGCAAAAAGGGAAGAAAAAGAGAAAAA

 GCAGGAAGGGGAGGGACGGAAAAGGAGAGCCGGAAGAAAAAGGAAAAAAG AATGAGGGGAAGGGGAGAGGAAGCCAAAAAAGGAAGGACGGGACAGAGGA CAATTAGGAACAAGGAGAAAGAAAAGGAAGGGACGAGAAAGCCAAGACAG AAAAGAGGGGGGAAAAAGAAAGGAAGGCCAAGAAGAGGGGGGGGGGGAA GGAGGGGGCCCAAGGCAAAGAGGGCCGGAAAACCAAAAAGAGAAGGAAGG G G G G G G G G G GCCAAAACCGGAAAACCAAAAAAAACCGGGGAAAAAAGGCC AATTGGGGGGAAAACCGGAAGGGGCCAAGGGGAAGGGGCCAACCAAGGAA GGAAAAGGGGGGAACGAGGAAGGACCGGAAGGGAAAGGAACCAAACAGAA AA $A$ AGAGGGGGAGGAAAGGGAAAAGGAAAGCCGGGACCAAGGCAGGGGA CGAAAAGGAAAAAGGAAGAGAGGAAAAAGGGGGGGGGGGGGGAAAGGAA G G GAAAAAAATTGGAGAAGGAAGGGGAAGAGAGGGGCGCAAGGGGGAGA G GAA $\ln$ GAGAAGGAGGGAGGAGGGCAAAGGAAAGAAAAAGGAGGGGAAGG GAGGCAGGAGGGGGGAGAAGGGGCGAAGAGGGAGGAAGGGGACAGAAGG G G A G G G G G G A A G GCCGGCAGGGGGAAGGGAGCAGGGGAAAAAGTTAAGG CCAGGAAAAAGGGGGGGGAAAAGGGGAAAACCAGAAGGAAGGAGAAGGAC A G G G G G G G G G CCGGAGAGGGAGGGAGAGGGAAAAGGAAAAAAACCCAAA GAAAGGGGGTAAAAGGAGAGGAGCCAGGAGAGAGGAAAAAAGGAGGGAA G G G GCCAGGGGGGGGGGGGAGAAAAACCGAGGGAACAAGGCCACGGAAG G G G A GCA G G A G A G G G A G G G A G G G G G G G G G G A G G G A A G G A A C G G G G G G G G GAGGAAGAGGGAGGGACCGGGGAAGAGAGGAAGGAAGGAAAAGAAAAGA GAGGGAGAAAGACGAAAAAGAGGGAAAGCAGGGAAAAAGGAAGAAGGAAG GAAGGAAGGGGGGGGGGGGAAGGGGAAGACAGGAGGGCCGGGGAAAAAA AACCAAAAAAGGCCACGGCAGGTTAAACAGAAAAGGGGAAGAAACCAAAA ACGGAAAAGGGGACCAAGGAAGGGGGAAGGAAGGGGAGAAAGGAGGCCA AGGGGAGAGAAAGGGAAAACCGGGGAAAGAAAGGGAAAAGGGGGGGGAA GGCGACAAAAAAAAAAAGACAAACATGCAGGACCCCACGGAAGGAAGGCA G G A GAA G GAGGGAACCCCAGGGGAGGGAAGGAGAGGAAAAGACAAAACAA AA GAAAAAAGCAACGGAAAGGGGGAGGAAGAAAAAAAGGAGGAAGGAGGG AA G GAGCACAAGAGGAAAAACCCGACGGAAGGAAAAGGCCGGGAAAACGG AA $\ln A A A G \operatorname{AAGGAGGGAAGGAAAGGGGGAAAAGGAAAAAAGGGACCACGG}$ CCGGTTAAGGGAGGGACCAGAAAAGCAAAAGGCAGAGGCCGGGGTAGGAA G G G GAAAAAAAGAGAGGGAGAAAAGGAGCCAAACGGACGAGGGAAGAAGG G GAAGGTTAGCCAAGGGAGGCCTTACAGACAAGGAGAGGGGAAAAAGGGG G GAGGGCAGAGGGCCAGGAAAAAAAGGGGGGGCAAAGAAGGGAAGGCAG G GAAAAAGGCCAAGAAGGGGGGAAAAACCAAAAAAAGCCAAAGAAGACCA AAAGGAAAAGAACCCAAGGAGGGAAAGGGAGAGGGCCGGAAGGGGCAAAG GAAAGAGAAGACCGGGGGAAACAAAAGAAAAAAAGAGAACAGGGGGGCCA AAGGAGAGAGGCCGGCCAGAGGGACGGAAGGGGCCGACAGGGAGAACCCA AGGCCAAAAAAAAGAGACGAAAAGAAGGACCGGGGAGGGGGGGGGAAAAG GGGGGAAAACCCCAAGGGAAAAAGAGAAAAAGGACAAGGGGAAGGGGAAA AAGCCGAAGGGTACCGGCCAAAACCGGAGGAAAAAAGGAAGAAGGGGGGC GAAAAAACAATGCGGAAACGAGGGAAAACAAAAAAGGAAGGAAAAAAGGC CGGGGGAAAGGAAGAAAGGCCGAGAAAAGAGAAAACAGAGAGGGGAAGGA ATTGGGGAACCAATTGGAAACGAAAGGAGAAGAGGAGAAGGCAGGGGAGG G GAA GAAAGGAAACCGGGGAAAAGGAAAAGGAAGGGGAAGGCCAAAAAAG GCAGGGGGGGAAGGAGAAGAACCAAGGGGCCAAAAAAAAGGAAAGGGAAC CGACCGGCCCCAGGAGGAAAAGGGAAGGAGGAGAGAAGGAGAGAGAAAAA ACCGAGGAAGGGAAACCCCGAGAGAAAGAAGGGGAGAACGGGAGAAAGGA AA G G ACCCCGAAAAAGAAGCAGGGGGAGGAACCAAAACGGAGAGGCCAAG GGGAGGGCCAGGCGCACGAACGGACGGCGGGAGAACCCCAAGGAACCGAG AGGAACCGGGGAACAGAGGAGGGGGAAAGAAAAGAAAGACCAGAAAAAAG ACAAAAAAAGGGGGGCCGGGGAACCCCGAAGAGGATAGGGGAGAGGAAAG GAGCAAGTTCCGGGGCCGGGGGGGGAAGGGGAAGGAAGGAGAAAGGAGA AA G G GAAGGGGGGGAACAGGGGAAAGAGAAAAAAGGAAAAGGGAAAGGG GGGAGGGGGAAAAGAGGAACCGAGGAAGGAGGGCCAAGACCGGAAAAAG

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AA $\operatorname{A}$ ATAGAAGGAGAGAAGAGGAAAAGGAAGGAGAGGGCAGGGGAAAAGGC CGGAAGGAAAAAAGGGGAGAGGGAAGAGGGGAGGAGGAAGAAGAGGAAG GAAGGAAAGAAGGGAACCACACGACCAGGGGAAAAGGGCCCATTGGGGGG GGAAGGAAAAAAGGGGAAGGACGGGAAAAAAAGGGGGGGGGGAGGGCCA AAAAGACGAAGAAGAGGGAGAAAGGAACCGGGGAAAAGGCAAAAGGAAAA AAAGGAAAACAAAGCACACCCAAACAAAAAGAGAGGAAAAGAAGGGGAAA GAGACGGAAGAGGTTCCAGGAGGCCAAGGGGGACCCCGGAGAGCCGGGG AAAGTTGGGACAGGGAAAGGGGACCCAGGGGAGGAAAAGAAAGGCCAAGG GGAAGGAGGGGGAACCGCGGACAGCCAAAAAAAAGGAAGGAAGAGGCCGG GGAAGGAAAGAAGGGGAAAAGAAGAGAGAAGGAAGGAAAACCAAAAAAAA CCGGGGAGAGGGAGAAAGACAGAAAAAAAAAAAGAAAAGGAAGGGGGGAA AAAGAGGGAAAAAAGGGACCAAGGGGGGGAAAGGGAAGCAGGAACAAAGA GGGAAGGCGGAAGGCACAAGGGCAGAGGCAAAAAAAGGGGAAAGGAAACC
 G GAGGGGAAGGGGAAGGCAGGAGGAGGAGAGAGCCACGAGAGAAAAGAG GGGGGGAAGAAGGGGAGAGAAAAAAAAGGGGGCCAAGGGGGGGGGACCA C G GAGGGAGGAAAGGAAGGGAGGGAAGAGGAGGACGGAAGGAAGGGAAA GGAGCCCAGAGGCCCCAACCAAAAAAGGAAGGGAAAAAGGAAAGCCAGCA AAGAAAGGAAAAGGGACAGACCACAGACAAAAAAAAAAGAGGCCGGAAAA GGGGTTGGGGAAAGGAAAAAAGGGGGGGAAAAAGGAGAACGAAGAGGAA C G G G G AAA $A$ AA G G G GCCAAGGGGGAACAAAATTAAGGGGAGCCAAAAAGC C G G G G G G G GAA G GCCAGGGCAGGGGGGAGAACAGAAAGGGAGGACCAGG AACCAAGGGGAAGGAAAGGGGAAGGGCCAAACCACCGGGGAAACCCGGGA GGAAGGGGAACCAAGGAAAAGGAAGGAAAAGGGGCCGGTTAGGGGAGGG GAGGGACAGAGAGTTAGGAGAGAAGAAAAAAGAGCGGAAGGGGGGAAAGA AGGGGGGAATTGGAGAAGAAGAGGGGGGGGGGGGGAAAAAAGGAGAGCC GGAAGGAAAAGGTTAGAGAGCCAACCAGAAGGGGGGAAAACCAAAAGAAA GAGAAGAGAGGAAGGGGGGAAGAGGAGAAAGGGGGGAAGGAGAGAGGGG GGGAGAACAGAAACCGAAGAAGGGAGAAAGGGGAGAGAAAGAGGGCCGGA GGAGAAAAAGGGAAAAAGAACAGAAAAGGAAAAAAGGAAGGGGAAACAAA GAAAGGGAAGCGGAGCAGGGGAGAAGAAGGAAAGGAACAAGAGGGAGGA GAATGAAGAAGAGAATAAGGGGAGGGGGGAAAGGGGGAGGTTACAGGAG AGGAAACGGAACCGGAGGACAGAGGGGAACCGGCAGGGAAGAAGGAAAGA AAAGGCCAGAAGGCAGAGAAGCCGGGACGCAGGAAAATAGGAGGAGGGAG GAGGGGGGAGAAAATCCGAGGCCAAGGGGGGGGCCAAAAGAGAAAGGTT G G G G G GAGGAGGCCGGGGCCGGGGGGGGAAAAGGGGGGAAGGCCAAGGA AAACCGGGGGGAAAAGGGGAAGGAAAAGGGGAAAAGGGGGGAATTGGAA CCAAAACCAAAAAAGGAGAGAAGGAACCGGGGGGAAAAAAAAGGAAAAGG AA G GCCGGAAGGGGAACCGGCCAAGGCCGGCCCCGGGGGGGGGGGGAAA ACCGGGGGGAAGGGGAAGGCCGGGGGGAAAAAGAGAAAACCAAGCAACCA AAAAAGAAGCCAAAGGACGAGGAAAGAACAAACAGGGTAAGACCCCAAAA G GACACCAGGGAAGGGGGGACAGACACAAGAACGGAAGGCCAAAAGAAGA AGGGGGGAGAAACAACCAAGGATGAAGAGAAAAAAGACCAAGGAAAAAGA GCCACAGGGCCAAGAAGGAGGGGGGAACACAACAGCAGGGGGGGGGGAA GGAAAACCGGGGGGAGGGAAGGAAGAAAGAAAAAAAGGAGGGGAGAGAAA AAGGAAAAAAAAAAGGAACAGGAAACGGAAGGAAAGGACGAAAAGGGAGG AAAAAAAAAAAAGAAACAATCAAGAAAAGGCAAAAGGAGGAAGAAATAGG GGAAAAAAGGGAAAAGGGAAAAAAAACCGGCCAACCACGAAGGGAAGAAG GGAATTAAAGAAAAAAGGGGACAAGGGGGGAGCAACAAGAAAAAAACCAA AAAAAAGGAAAAAGGACAGGAAGGGGAAAAAAGGCCAAGGAAACAAAACC CCAAGGAAAAGGGGGAAAGAGGGGAAAGAAGAGAAAAGCAGCAAAAAAAC GAGGGGAGGGGAACAGGGAGAAGGGGAAAAGGGAGAAGAAAAACGACCAA G G G G G G A G A GCCGGGGGGGGCCAAAGGAGAGAAGGAGAGGCACCGGAAA AAAGGCCAAAGGGGGAAAGACGGGGGAGAAGAACCAGGAAGGGACGAAGA GAGAGAAGAGAGGAAGGCCCCAAAGGGGAAAGGGGGGTACCAAGAAAAAA GGAGAGACCAGACAAAAGGAAAAAAAAAAGAAGAAGGGACACCGGGGAGA G G G G G G G A A A A A A G G G GAGAACCGGGGAGAAGGGGGGAAGGAGGAAACC AAAGGGAAGGAAGAACGGCAGGAGGGCCGGAGGAGGGGAAGGGGAAGGG AAAAAGGAGACGGGGGGAAAAGGAAAACCAAAGGGGAAAGGGGGGGGAA G GAAGGGAGAAAGGAAAAAAGGAAAAAAGAAAGGGGGGAAACGGAGAAAG AAGAGGGGGGAAAACCAACCAAGGCCAAGGAAAAAGGAGGGGGGCCAGAC

GAAAGGAAGAAAAAGGAAGAAAAAACAGGGTTGGAGGAAGGCGGAGGAGG CAAAGAAAAAGGGGAAAAAGACGAAAGGAGAGAAACGGACGGGGCAAGAA G GAAAAAGAAAGAAAAAGCCGGGGGGCCAAAGAAGGCCAAGGAGCCAAGG GGAGGGAAAAAAAAAAGGGGCCGAGAGGGGCCGGGGAAAAGGAGAGGGA AGACCGGGGAACGGACCACAAGGAAAAGGGGCCGGAAGGAAGGGGACAGC C G G G G G G A A G G G G G G G G G G G G G GAA G G A A A A G G G G G G G G G GAACCGGAA CCGGGAAAAAGGAAAACAGGACAGATGGACAGAAAAAAACAAACGGGAGG AACCGGGGGGGGAAAAAAGGACGGAAAAGAGGGAAAGGAGCCGGAAGGG G G GAACAGGAGGACGAAGGCCGGAAGGAAAAGGGGAAAACCAAGGGGAAA AGGAAAAGAAGAAAAAAAAGGGGGGGGGAGAGGAGAAGGGGGAAAGGAG GAGAAAGGAGAAGAGGGAGGGGGAGGGGAAAAAAGGAAAGAAGGCCCCG AAGGAAGCCAAAAAAAAGGCCGGGAAAAAGAGAGGACGAAGCCGGGAGGG AGGCCAAGGCAACGGAGAGCAGGAAGGGGGGGAAGCCAAAAAGGGGGAG AAAGAGAGAAAGAAGGACAAAAGAAAAAGAAGGGGGAGCAAAACAAACGG GAAGAGGAAAGAGGGAGGTAAAAAGGGGGGAACCAAAAGGCAGGAAAAGG AACCCCGGGGGGCCCCCCGGGAAAGGGAAGAGAAAAGGAGGGGGAAGGG GAAGGAAGAGAAGAGAAAAAGAAAGGGAAAGAACCGAGGAAAAAAAACCA GGGGAGAAGAAAACCGAAAAGGAGAGAAGGAAGAGGGGGGGCCAAAAAGA GGGCCAACCAGGGCCAAGGGGGGGGGGGGAGGAAAACGCCACCAAAGAAG GAGAAAAAGAACAAAGGAAGGAAAAGGGGAACCGAAGAGAGGAAGCAGGA C G A C C C CA G G G G G G G G GAGGAGGGGGGAGGAGGACGGAGGGGGGAACGG G G GAAAAAAAGAGGGGGGAAAGGAAAGAGAGAAACAAAACAGAAAAAGGG CCGGAGAGAAGGGGACAACCGGAAAGGAGAGACAAAAAAAAAGGAAGGAA ACAAAGAAGGGGGAGGAAAGAGACGAAGGGGGAGGGAGGGGGGGGGCAG G GA GA GACAACGGGCAGGAGGCAGAGGCCGGTTGGGAGAGGCAGAGGAA AGGGCCAAGGAAAAAGAGAAGGAAGGGGAGGGGAAAGGCCGAAACCGGCC AAGGACGAGGAAGGAAAAGGAAAAAGAGGAGGAGAGAGCAAGAACCCCGG GGCCAAGGGGAGAGACGGAAAGGAGGAAAAAGACGGAAAGACGAAGAGAA GGCCAAAGGAAAAAGACAGAAAAAAAAACCACAAGGGGAACCCCAAAAGG AAAAAAAAAAGGGGAAGGGGAAGGGGAAAAGGGGGGAAGGGGCCAAAAAA AA $\operatorname{l}$ GGGCCAACCGGAACCAAGGGGGGGGGGAAGGGGGGGGGGAAGGGGC CGGGGAAAAAAAAAAGGGGGGAACCGGAAGGGGCCAAAAGGGGAAGGAAG GAAGGAAAACCAACCAAAAGGCCGGGGAAAAAAAACCAAAAAAAAGGGGC CAGGAGGCCCCAACCGGGAGAAAGGAACCAGAAAGAGAAAAGAAGAAGGA ACCGGAGAGGAAAAAAAAAGGGGGGAAAAGGCCCCGGAAAAAGACGGAAA ACCAAGAATGAAACCAGAGAAAAGAAAGGGAGGCCGGGGAATACAAAAGG GGGCCAAAAGAAAAGTAACAAGGGGAAGAGAGGGGAGGGGGGGGAAAGA G GCCAGAGACCCAGGAGGCAGAAAAGGGCAATAGGGCAGAGGGGGGGGG AAAGGAGGGGAAACCAGAAGGGGAGACAGGGAAAGAAGGGAGGGGAAAG G G A G GA GCGAGGGGAAGGGGCAGGAAAAAACCGGAAGGGGGGGAGGTTG G G G G G G GAAAACAAGGAAGAAGGGGAGACGAAGAGGGCCCCCCGGAAAAA AGAAAAACCAAAACCAGGAGGGGGGAAGGACGGGGGGAACCGGGACCACC CAGGAGAAAACGGGAAAGAGGGAGGGGAGAGGAGGGGAAGGACAACCAG AA $\operatorname{A} G \mathrm{G}$ GAGGAGAGAGGCCAAGACCGGCCGGAAAGAAGAGGGGCCGGAAAA AACAGGGAGGAAGGGAAGCCAAAAAGAAGGAGGGAGAGGAGAGAAGGAG GGACCGGGGGGAACCAAGGGGAACCGGGGGGCCGGAAGGGGCCGGCCGG G G G G G G A A G G G G G G A A A A G G G G G G G G G G G G G G A A A A A A G G T T G GCCGGA AGGAAGGGAGGACGGAAAGAAAGGAGAGAAGAAAAGGCCGACAGAAGGGA G G G G G AAAAAGGGACAACAAACGGGGGACAGAAGGGGAAGGAGAAAGACA GCAGGGAAGGAACGAGGAAAAAAAAAGCCAGGAGGCCGGGGGGAAAAAAG GAAAAAAGGGGGGGGAAAAAAAAGGAAAACCGGGGAAGGGGAAAAGGAAA A G G G G G G A A A A A AAAGGGGGGGGGGAAAAAGGGAGAACAGGAAAGAAGG G G AAAAAAAAAAGGGGGGAAAGAAGAGAGGGGGGGGGGAGACAAGGAAG GAAACACAAGGACGGGGGAGGAAGGAAAAAAGGTTAGAAAGAAGGGGCCA GGGGGCCAGGAGAGGCCAAGGAGGGAGGGGAGAAAACCCGGGGGGGGAA AACCCAAAGGAAGGAAGGAGGGAAGGGGGGAAGGCCAGAAGAAACCACAA G GAAACAGCCAGCAGGGAAAGGGAGGGAAAAAAGGGGGGGCCAAGGAAAG AA G G G G G GAGAAGACCGGAAAAGGAGAGCCAAGACCGGAAAAGGGGAGCC G G G G G G G A G GAA G G G G G GAGAAAAAAGAAGGGGGAACCGAAAGGGAATG GGAAAAAGAAGAGCCAAAAAAGAAAGGGGAGGGGGAAAAAAGGGGGGAGA AGGAAGGGAGACAAGGGACAGCCAAAAGGAAGGCCAAAAGAGGTAGGAAA

ACCACAACCGGGCAACCAAGGGGAAAAAACCGGGGGGTAAAAAAAGAGGG GAAAGGAGGGAAACCGGGGAACCGAGGAACAGGGAGAAACCGAAGACGAA GAAGGCCAACCCAGGAAGGAAGGGGGAAAGGAAAAGAAGGAGAGACAGGA AA G GAGGAAAAGGGGACAAGGAAAAAAAAAAAAAAAAAGGACCGGAAGAA GCCAGAAAAGAAGGGAAGGAAGGAGGAGGAAGGGAGGGAGAAGGAAAAA GACCGGAAAAGAGGGAAGACAAGAGAAGGAGAAAGGAAAAGAAGGGAGAA GGAAAAAAGGGAAAGGAAGGGGGAGAGGGAAAAAAAAGGGAAGACGCAGG GGGGGGAGGAGGAAAGGGCCGGGGGGGAAACCAACAGGCAAAGGAAGGG GGGGGAGCAAAAAAGGGCAGAAAGGAACCAAAGAAGGGGAGAAAAGGGGG AGAAGAAAAAAAAACAAGGACGGCCAAAAAAAAAAGGGGAGAGACGAAGC AGGAGGGGGAAGGGGAAGGGGGGGGAAGGAACCCCAGGGAAGAAGAGAA GGGGGGCCAAAGGGGGAAAGAGAGCACCGGGGAGGGAGAAGGCCGGAAG AGAAAAAGAAGGGGACCGGGGAAGGGGAACAGGGGAAGGGGGGAAGGAA AACCAACCCCAAAGAGCGAAAAGGGGAAAAGGGGAAGAAAGGTAAGGGGG GAGGAAAGGAAGGAGAACGACCGGGGAAAAACAGGAGAAGGAGAGGGGAA AA GAAGAGCAGAGCAAAGGGGAGAAGGGGAGGGGGGGACCAAGGGGGGA GGGGAGGAGGAAGGGAGAAAAAGACAAGAGGAGGGCCAGGGAGAGAAGG AAAAGAACACCCGGAGGGAGGGAGGAGGCAAGGGGGCCAGAGAAGGAAAA GGGGGGGGGGGGGAGAGAAGAGAACAGGAAGGGAGAAGAGGAGGGGGGG GGGGGGGAAAACCCCAAGGAGGGGGCCGAACGGGGGGGACCCCAAAAAAG GAACCGGAAAAGGGGGGGAAAGGAGGGCCAAGGGGAGAACCGGAAAACCG AA GCCAAAACAGGGGTTGGGGGAAAACGGGGCCCCGGAAAAAACCAAGGA AAAAAGGGGGGGGACAAGAAGGAGGGAAGAAGGAAAACCGAAAGAAGAAG GGGAAGAAGACGAGAGGGAAGGGGGGGAACCGGAACCGAAAAAGGGGAA GGAAGGGGGAGGGGAAGGAGAACCGGGGGGGGGGAAAGGGAACCACGGG GAACCGGGGGGGGAAAAAAAAACGGGGAAAAGAAACACCAGACACGGAGA AGGGGGGCCGGCCAAAAGGGGACAACCAAAAAGGAGACCGGGGACAAGAG AACAGGAAAACAGCAACGGGGAAGAGGAGGAAGGGCAGGAAAGAAAAGGG GGGGGAAGGAAAAGGAAGGGGAAATGGGGGGAAGAAAAGGGGGCAAAGG GGAGAAGAAGACAAGGCCAAGGAACCAACCGGGGGGAAAAAAAAGGAGAA AAGGGGGGGGAAAAGGAGAAGGAAAAGAGGCAAGAAAAAAGGGGAAGGG GAAAGAGAAGGCCGGGAACGAAGGGAGGGGGAAGAGGGGGGAAAAAGGG AGGGAAGGGAAAGGAGACGAAAAGGGGGAAGGCACCAAAAAGGCAAGGGG CCAGCCGAGGGCAAAGCCGGCCCAAACCGAGGCACAGGAGAAGGGGAAGA GGGGCCTTGGAAGGAAAACAAGAAAGGGACAAGGAAAGCCAAAAGGGAAC GGAGGAGAAAAAAGAAAAGAGAAGGAGGGGAGCAGGAGAACAGGAGGAGA GGACAGGGAACCAAGGAAAGAAAAAGGAAAGGGAACGCGCAGGAACCCGG AAGGAAGGAGAGGGAGAAAAGGCCAGGGAGAAAAAGCCGGAAACAGGGGG AAAGGGGGAAAAAGAGAGGGGAGGGGAAAGCCAGAAAAAGGAGAAAAAAA AA G G GGGGAAGGGGGAGACCAAGGAAGGGGGAGGGGAGGGACAAGGCCC CGGGAAGAGAAAAAGAGAAAAAGGGAAGGGAAACCGGCAGAGAGGCAAAA AAAGGCCGGGGGGGGGGGAGGGAGAGGTTAAGGGGAAAAGGAGGACCAA AGGGAGGGGAGAGGAGGGGGAGAGAGAGAAAGCCAACAGAAAAAGGAGG AAGCCAAGGAAAAAAGAGAAGGAGGGGGGGGGCGAAAAAGGAAAGAGGAC AAAGGGGGGCGGGAAAAAAGGAAAAGGAGGGGGCCGGAGAAGGGGCCAA GGAACCAGGGAAAAAAAAGGGGGGAAGGAAAGGGGAAAAAAACCAAAGAG GAAACCGGAAAAGAGGGAGAGGGGGAGGGGAGACAAAAAGAGAAAAAAAA GGAAGGGGAAAAACAAGAGGAGGGAACACCGGGGGGGGAACCCCAGCCAG AAAGGGAAGGCCAGAAAGAGGGGGCGAGCCGGAGGAGGGGAAGGAAAAG GGGGGAAAGGAAAAAGAGGGGGGGGAGAGAAGGAGAGAGAGGAGGAAGG GGAAGAGGGGGACAGAAACAGGGAGGGGAAGGAAAGAGACAAAGGGAAA GAGAAAGCCGGGGAAAAGGAAGGCCGGAAGGAAGGAAGGAAAAAAAAGAA AGGAGGGGAGGAGAAAAAACCCAGAAAAAAAGGAGAGAAGGGGAGGGAAG ACCCCACAAAAAAAAAAGGCCAACCGAGAAAAGAAGGAGGGCCGGGGGGA AGGGGGGGGGGAAAAGGGGAAGGCCCCAAAATTGGAAGGCCAAAAAAAAG GAAAAAAAAAAAAAAGGGGAAGGGGCCCCGGAACCGGAAAAAAGGAAGGA AGGAAAAGGGGCCGGAAGGCCGGCCGGAAAAAAGGAAAAAAGGCCAAGGA GAAAGACAGAAGAGGCCAAGAGGGGGAGGGGGGGGGAGAAAGGCCGGAA GGAGGGGGGGGGAAGGGCAAGGAACCAGGGAGGGGGAGGGCAAGACAGG GGGGGCCGGGGGGGGCCCCACACAAAGCCAAACGAGAGGCGCACAAAGAA AGGGGAAAAAGGGGGCCGAACGGACGAAAGGAAGGACGGGAGGAAAGCC

G G GAGGACTAGGAAGGAAAAGGACAACAGGAAAAAAGGAAAAAAGAGGAG CAAAAAAACCGGGGCCGGGAAAAAAAGGGGGGGGAGGGAAAAAAGGGAGG AGGACAGAAAAGCCGAGGAGGGAAAAAGGAAAAAGGGGAAGACAAGGGGG GAAGAAGGGGAGAAACGAAACCGATAACGGGGAAGAGGAAGAGGGGGGAA G GAAAAAAGGAAAAAAGGGGGATTCCAGAAGGAAGAGACCCCGAGGGGAA GGAGCACAACGGGAAAACGACCAAGGAGAAGAGGTTACGAAGAAGGCCAA A GCAAAAAACGGGGGGACGGGGGAGAAAAAAGGGGGGGGGGGCAAAACG GCCGGAAAAAAAAGGGGGGGGAACCGGAACCGGGGGGGGGGGGGGGAAGG G G G AA $\operatorname{l}$ GCACGAGGGGAACAGAAAGAGAGAGAGGGGAGGGAGAAGGAAC AGGAAAAGAAAACAAAAGGGGAAGGAAAAGAGGGGGGATAGCCAGGGAGA AGAAAGGGGGGCCCAAGCAAGCAAAAAGGGGAAAAGGCCGGAAAAGAGGG GAGAACCGGGGAAGGAAGAGGAAAGGGCGGGGAAATTGGGGAACCGGGG AGGAAAAAAAAGTTACAAGAGAGGAAGGAGCAAACCGGGGACAGAGGGAA CCAAAAGGGGCCGACCAAGGAACAAAGGACAAAATTGAAGGGAATTAACC AGACAAAAAGGGGGAGAGAAGAAAAAAAGGGGGGGGAAAAAAAAGGAGAA CACAAGGAAGGGAGAAGAAGACGGCGACGGGGGACAGAGGCAGCAGGAAG A GAA $\operatorname{A}$ GGAACGGTAGGAGGAGAAGGGGGAAAGACGGAGAGGGGGAAGGA AAAAAAAGGAGGGACAGAAAAAACCGGAACCGGGGAAAAAGAGAGGAGAA GGGAAGGGAGGAAGGAGGAAGGGAAGGAAACAGGGAGAAGAAGAAAAAA GAGAAGGGAAGGCCGGAAGGAAGGGGGGAAGGAAGGGGAGGACAAAGAG GAGGGAGAGACGGCCGGAAAAGGGAGGACCCCCCCGGGGGGAAGGGGCC AA $\operatorname{l}$ GCCAGGGAGGGGGAGAGGAGGGGAGGGAACCCCAAAAAGGGAGAGG GAAAAAACCGGAAGAACGGAAAAGGGGCCGGGGAAGGAAGAGGAGGAAAA AA $\operatorname{G} G \mathrm{G}$ GA $\operatorname{GCG} \mathrm{CA} A \mathrm{G}$ GAGGGAGGAGGGAAGCCAAAAGGCCGGGGAAGGAA AACCGGAAAAAGGAAAGGGGGGGGACGAAAGGGGGGGGGGAAGAGGAAA AGGAAACACGGGGAAAAGGAGGAAAGGAGGAAAGGGACCAACAGGGGACC CAAGAAAGAGGAGAAAAAAGGAAAGAAAAGGGAAAGGGGAAAAAAGGAAA AGGAAAACCAAAAGGCCAAAAGGGGAAGGGAAAAGGGGGGAGGAGACAAG GCCAACCGGAAACAAGAAGGAGGGAGGGGGGCCGGGGAAGGGGGGCCGG GAACAGAGAGGGGAGGAAGGAAGGGGAAACAGAAGAAAGGGGAAGAGGA AGGAGAGAGGGAAGGGGCCAAGAAGAGGAGGAGAAAGGGGGAGCCGGAA AA G G G GAAGGAGGAACAGGGAAGGACGGAAAGGAAGAAAAGGAAGGGGC AGGAAAAAAGAAGCCCCGGAAAAAAGAAAAGGGGGGGAAAGAGAAAGCAG GCCAAGGAAGGGGAAGGGGGGGGAAAAAAAACCAAACAGCCAAAAGGCCG GACGGAAAAAAAGAGCCAAGGGAGGAGAGGGGGAGAAAAGGGGGGAACAA AGGGAAGCCAAGGTAAGGGGGAGAAGGAGAGGGGAAGAGAAAAGGAAAAA AAAAAGAGGAAAAACAGGGGGAAGGGAGGAGGGGAAGGGGGGGGGAGAA G GAAAAAAGGAAGGAGGGGAACAAGGAGAGGGAGAGGGACAAAAAACCAG CCGGAGGGAAGGGGGAAACAGAAAAAAAAGAAGGGGACGAACAGGAGGAA AACCAAGGGGAAAGGCAACAAGGAGAGACAGGGAAAGGGGAAGGAAGGCC GGAAAGAAGGAGAGGGGGGGGACAGAAGAAGGGAAAGGAAGGGAGGAGA AAGGAGGGGGGGAAAGGGGGAAAAAAAAGAAGGAGCCCCACAAGGCAAAG GGAGGCCAGGAAAAAAAAGAAGGCCAGGGGGACAAGGGGGGGGAAACAAA AGGAAAAACGGAGGGAGGAAGCCGGGGAGAGAGAGAGAGGAAAGGGGGG AGAACCGAAAGGGGACGGAAAGGGGGCCGGGGAAAAGGTTGGGGAAGAG GGAAGGGCCCCCCAAAAGGGGGGGAGGAAGAAGCAAAGGAGGACCAACCA AAAGGGGAGAGACAGGACCCCGGAAGGGAAGAAAGAGGAAGAGAAAGATA AGGAAAGGAGGGAAAGGAGGGTTAAGGAAACGGGGGAGGAGAGAGAAAG AA $\operatorname{H}$ GAAAGGGGGAGAGACGGAAAGCAGGGAGGAGGGAAAAGGGGCCGCG A G GAGGGGGAGCCAGGGGGGGGGACAACCGGGGGAAAGAGGGAAAGGAG GACCAGGACAAAGGCCGGCCGACCGGAGGAAAGGAGGAGGGGAAGGAAAA AACCGGGGAAAAGGAAAAGGGGAAGGAAGGAACCGGAGAAAACCGGAAAG G G G G G G G G GAAAAGGGGAGGGGCATAAGAAGGAAAGCAAGCCAAAAAGG G G G AA $\operatorname{la} A \operatorname{ACGGGAAGGGGAGAGAGCCAAGGGAGAAAAAGGGGAAAACC}$ GAGGAGAGCAGAACGGAGAGGGACAAGGGCGAAGGAAAGGAAACGAGGG GAGGAAGGGACCAAGAGAGAGAGGGAAGGGGAAAAAGGGGGGGGGAAAA AAAAAAAAGGGGGGAGGGAAAGAGAGGGAAGGGGGAGAACAAAAGGAAG GAGGGGGAAGGGGAGGAAAAAGGGGAGAAGAAGGGAGAAGGGGAGAGGG AAAAGAGGGAGGGGACACGGCCAAGGGGGGCAGGCAAAAAGGGGCAGAAA AA $A$ GGGACAAAAGAGGGGGGAGAGACAGCCAAGGAAAGAAGAAGGGGAAA GAAGGCAATTCCAGGAGGGGAAAAAAAAGGAAGAAATTAAGAGGAGGGGG

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GATACAAAGGGCCGGGGCCAGGGAAAGGGAAGGAGAAAAGAGAGGGGAA GACAGGAAGGGCAAAGGAAAGGAGGGATGAAACAAAAGAAGGGGAGGGGA GAAGAGGGGGGAGAAACCGGGGCCGGGGAAGACCGGAGGAAAAAGGAAG ACGAAACGGACGGCCCAGAAGAGGAGGGAGAGAGGAGAAGGAGAGAAAAG A G G G GAA $\operatorname{A}$ GGGGGGGAAGGGGAAGGAAAAATCAAGAGGGGACCGCAGGA GAAAAAAAGGGGGGGGGGGGGAACGAGGGACCAAGGAAAAGGAGAAGGA AAAAAGGCCGGCCGGGGGGGGAAGGAAAAAAAAAAGGGGAAAAGGAAGGA AAACCCCGGGGGGGGGGGGAAAAGGAACCAAAAAAGGAAGGCCGGAAGGC C G G G G A A G G G G G G G G G G G G CCAAAAAA G GAAGGGGAAGGAAGGGGAAGG G G G G G G G GAAAAAACCAAAAAAGGGGGGAAGGGGAAAAGGGGAAAAGGG GCCCCCCAAAGAAAGGGCCGGGGGGGAAAAGAGAGAGAGCAGGACGGGAG AGGCAGGGGGGGGGAGAATAGGGAAGGGGTTGGACAAAAGAGAGACAAA G G G GAAAAAAAAAAAACCAAAAGGAAAAGGGGGGAAGGGAGGCAAAGGAA GGGGAAACAAGGGGAAGGGGGGGGGGGGAAAAGGAGAAAAGGGAAAAAA GAGAAGGAGAGCAGAGAAAGGGAGGGAGGCCAAGGAAAAAAGGACAGAAA AAGGAAACAGAGGCCAAGGAACCAAAAAACCGGGGGGCCAAGGGAAAAAG G G GCCACGAAGGAAAAGGGGGAGACAGGGGAAGACGAAAGGGGACGGAA AACCAGAAGGGAGGGGGAGGAAGGAGAGGAGGCAAAAGAACCAAGGGAG GAGGGAGAGAGGGAGGGGGAGAAGGAAAGAAAAGAACGAGAAGAGGGGG AGAAGGAAGGAAAGCCAAGAAAGGGGGGGGCCAAAGAAGAAACAAAAAAG AAAAGGAAAACCGGGGAAGGAAAAGAGGCAAAGGAACAGGGAGGAACCGA GAGAAGAGGAAAAGAGCCGAGGAAGGAGAGAAAAACGGGGCGAAAAAGAG GGGGAAGGCAGGAGGAACGAAAGGAAGAAAAAGGGGGAGGAAGGGGGAA GAAGGGGGAAGGGAGAAGGGGAGGAAGAAAACCAAGACCAAACAAGGAAG GCCGAGGAAGGGGGGGGAGCCGGAGAGAAGGAGAGGCGAGAAAAGGGAA AC CA $\operatorname{l}$ GGGGGAGGGCCGGGGGGAGAAAGGGGGGGGGAAGGGGACGAAAA AAAAGGGAAGGGGACAGAGAGCGGGAAAGAAAAGGAGGAAAAAGGGGGG GGGGAAGGAAGGAACCGGGGAAGGAGAAGGAAAAGAAACCACAAGAGAGG G GAGGGAAAGAGGAAAGGAAAAAGAGGAAGCACACAACACGGAAGGAAAG AGGGCCCAAAAAGAGGGGAAGAAACCACCCGGAGAGACGGGAAAGGGGAA AACCAAGAGGGGGGAGAGAAGGAGCACCGGCAAGAACCAGGGGGGGGGA AGGGGAAGGGGAACAGGAAGAGAGGAGGGAGCCAGGGAGAAAAAGAGAA
 GAACATAAGGGAAAAAAAAAAAAGAAAACGAAAGGGGAAGGGAGAGAGGG AGGGAGGAGAACAAAAAGGGGATTTAGGGGGGGCCAAGGGGAGCCAAGAA ACCGGAAAGGGGGGGCCGAGGAAGGGGCAAAGAAAAAGGAAAAAAAAAAG G GACCAACCGGGAAGGGGGGGCCGGAAGGAAAGAACCAAAAAAGGAAAAG G G G G G AAAAGGTTGGAACCGAGGAAAAAAAGCAAAAAGGGGAGAAAACCG G G G G G G GAA $\operatorname{G} \operatorname{GGGGGAAGGAACAGACCAAAAAAAAGGGGGGAAGAGAAA~}$ G G G GAA GAAAGAAGCCTAGAAAGGGGAACCGGGAAAGGAACCAAAGAGAA AAATAGGGCCAAGGGGAAGAAACCGGCAGGGAAGCAAAGAGAGAAGCAGA CAAAAAGGGGGGAAACAGGGATTAGAGAAGAGCCGGAAAGAGAGCATTAA CCGGAAAGGGGGAGCAGAGAAGAAGGAACCGAAGCCGAGGCCAAAAAAGA GGGCGAGGGGAAGGAACCAAAAGGAAGGAAGGGGAAGGGGAAGGAAGGG GAAAAAACCGGAAAAGGGGCCGGGGAAGGGGAAAAAAAAGGAAGGGGACC CGGGAAGAAGGAACCAGAAGAGAACGCAAAAAAGGAAAAAAAAAAAAAAG AGAGAAAAAGAAGAGAGGGAAAAGGGGTACCGGAAGGAATAAACGGAGAC CAAGGGGAAAGGGAAAAAAAAGGAAGGGAGGAGAAGGAACCGGAAAACCG G G G G GCCAAAAGGGGAAAAGGCAAGAGGAAGGAGGAGGAAAGGCCGAGG AA $\operatorname{GAAA}$ AAGGGAAGAACCGGGGGGGGAAAAAAGGGAGGAAAAGGGGAGA GAAGGAGGAAAGGGGAAAAGGGGGGAACCAACCAAAGCCAGCCGGGGCCG GAGAAGGGGCGGGCCAAAGGGAAAAAGGGAGCCCCAACAAGAAGAACGGG AAAGGGGGGGGGGCCAAGGGGAAGAGGAAGAAGGAGAGGAGACCCGAAA AGGGAAAGGAACAAAAAAGAGAAAGAGGGAGAAAGAGAGGCCGGAAAGAA AA $\operatorname{G} G \mathrm{G}$ GAAAAGGAAGGGGAAACAGACGGGGGAAGGGGGAAGGGGCCGGA AGAGGAAAGAGAAGGAAGGAACCCCGGCCAAGGAAGAAAAGAGAAGGGGA AGGAAGAGGAATACACCAAAACCAAGGAGAAAAGAAAGGAAGAGGGGGGA AA G GAACCAGGGGGGCCAAAACCAAGGCCGGAGGGAAAAGGAAACAAGGC CAAGGAAGGGGGGAAACAGAAGGAAAGGAGGGGAGAGAACCGGAGGGAA GAGAAAAAGGCGGAAAAAGGAAAAATAAAGGGGAAGAAGATTAAAAAAGA CCCAAAGAAAGGAACCGACCAAAAAGGGGGAAAGAAAAAGGAACGGAGAG

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G GAACCGACGGGTTGGGGGGAAAAGGGGGGAAAAGGCCGGAAAAAGGGA A G GAA $\operatorname{A}$ G G G G G G GCCGGCCGGAAGGAAAGGAGGGGAGGATTGGAAAAGG AAAGAGGGCCGGAGAAGGGCGGAAGGAGGGGGAGACACAAGGAAGGAAG GCCGGCCAGGGACAGAACAAGAAGAAAGGGAAAAAAAAGAAGAGGGGCCA GAGGGAAGGGGGGAAAAGGGGGGAACCGGGGCCAAAAGGCCAGAAAAGG CAAAAGAAGAAAGGGCGGGGAGGAGAAGAGAGAGGAAGGGAAACGGGAA GCCAA G GCCCCGGAGAGAAGGGGAAGGCAGAACGAGAAAAGCGAAGGCCA AAAAAGAAGGGAAAAGGGGGGCCGGGGCCAGAAAGAGGAGGCCGGGGAA AACCAAAGCCCCAACAAAGGAAGAAGCCGGGGGGAAGACCAGAAGGGGGA GGAACCGGAAAAAAGGGGGGAGCCGGGAGAAGAACAGGAGGAGGGAGGA GACGAAGAGGAAAGAGGAGGGAAAGAAACGGAGAAAAGAGAAGGGAGAAG GGACCGGGGCCGAGGAAGGGGGAGAAGGGAGAAAGGGAGAGGGGGAAAA AACCAACCGGGGGGGGGGAGAGAGGGAAAGGGGGAAGGGAAAGAAAAAG GCACCAGAAGGCGAAAAAACCTAGGAAAGCCAGAGAAGGAACCGGAAGGA GGGAGACAGAAGGAGGAAGGAAGGGCAGGGGAAAGGGGGGGAAGGAAGA GAGGGGGAGGAAGGAAGGGACCAACCAAAAACGGAGAAGGAAGAGGGAG GAAAAGAGGAACAAGTTGAGGAGAGAAAAAAGGACCCGGAAAGAAGGGGG G G GAA $\operatorname{l}$ G G G G G G GAGGGAGAGGGGGCAAGGAACAAGGGAAACGAGGAAC G G A CAAAAGGGGGGAGAACCAAAGAAGGCCAGAAAAGGGAAAAGAAAGCA AA G G G G G G AATTGGGGGGAAGGAAATAACCAGGGAACCGAAAGGGAAGGA GAAGAAGGAGGGAAAGAGGGAGCCCCGGAGCCGAAACCGGAAGGAACCGG AAAACCCCGGAAAAAAGGAATTAAAACCAAAAAAGGAAAAAAAAGGAAGG G GAA G G G GCCGGAAGGGGAAAAGGGGAAGGCCCCAAAACCGGAAGGAAAG AGAGGGAAAACCAAGGGGGGAGGGAAAGGGAGAAGGGGAAAAAAAAAACC AAAAGGGGAAGGAAAAGGAAAAAAGGAAGGGGAAAAAGAGGGGAAAGAAA AA $\operatorname{G}$ GGGAGTTGAAGAGAGGGGGGGAAAGAAGGGGAAGGAAAAAGAGAAA AGGAAAAGGCCAGAGCAAAAAGGACACGGGAAAAACAAAGGAAAAGAAAG AGGAAGGAGAAAAAAGGGGGGAGAAAGGAACAGGGAACAGAGGGGAGAG GAAGAGAAGAGGGAAAGGCAAGGACATATTGGAACCAACCGGGGAAGGGG AAAGACGGAGAAACAAGAAAAGGGGGACGGGAGCGACCAGGAAGAAGAGA AAAAAAAAGGGGAACCAACCAAGGAAGGAAGGCCAAAAGGGGGGAAAAAA GGGGAAGGGGAAAAGGGGGGAAAAGGGGCCGGGGAAAAAAGGAAAAGGG G G G AAAAAAAAGGGGGGGGAAAAGGGGAAAACCCCAAGGGGAAAACCGGC CCCGGAAAAAAAAAAAAAAAAGGAAGGGGGGAAGGAAAAGGAAAACCGGA AGGAAAAGGAAGGGGGGAAGGAACCAAGGGGAAGGGGGGGGGGGGGGAA G GCCGGAAGGGGAAGGAAGGAAAAAAAAAAAAGGCCGGGGAAGGAATTGG GGAAAAGGGGGAGGACAAGAAAAAGGCCGGCCAAAGCCAACCCAAAAAAA GAGGAA G G G G G A G G G G AAA GAGGGAATTGGACAACAAAGGACGAAAAAAG G GTTGGCCGGAAAAAAAAAAGGAATTACGAAAAAGGAAGGGAGGAGGCAA GGCCCCAACCGGGGAGAAAAGGGACAAAGGAAAGAGGAAAAACCAACCAG AAAAGAAAGGAAAAGATTAAGGAAAAAGCCGAAAAAGGCCAAAAGAGGGG GAGCCCGGATGAAGAAGAGGACGGAGGGCGGGGAAGGGCCGGAAGGGGA AAAAAGGGGGGAAAAGAAAAAGAAAGAGAGGGGCCAGGAAGAAGGACAGC AAGGGGGAGAGGGAAAAGGTTAAGGCCAAGGAAAAAAGAAAACGGAAAAA ACAAGAGAGGGGGAGCGGGAGACCCGGAGGGGGCCCCAAGGAACCAAAAA A G G G G G G G G G G G G G G G A A A G A CA $\operatorname{l}$ GGGGGAAGGGGGGAGATAGGGGAAA GGAGAAGGAGAAGAGGAAGGAGACGGCCGGAGCCAGAAGGAAGAGAAAG GGGAAAGAAGAACGGCCAAAACCCCACGGACCCAGCCAAGGAAGGAAAAC CGGAAAGGACAAGGGAGGAAGAGGGAAGGGGAACCGGGGGGAGGACAAG CCAAAAAAGGAAAAGGAAAGGGGGGGGGAAGAGGGGAAGAGGGGAGCCA A G G G G G GAAGGGGAAGAGGAAAGGGAAGGAAAACCAAAAGGAGAGGAAG A GCAA GAAAGAAAAAAGGAGGAGGCCGGAGGGAGGGAGCCAGGGGGCAAA AACCTTAAGGGGAACCGAGGGAGAAGGGGGAAGGAAGAAGAAGGAGGGAA G G G GAAAAGGAAAAGGAGATGGGGCCAAGGAAGGGGGGGGCCAAAAGGA AAAGGAAGGAAGGGGAAGGAGAGGACCAGAGGAGAAAGGAAAAGAAAAAG GGAGAGAAGGGAAGGGAAAGAGAGGCCGGGAGGGAGGAAGAGGAAGAGG A G G G G GAA $\ln$ GAAAGGGGGAAGGAAGAAGGGCCAAGAAGGGAAGGGAGGG GAAATCCAAGAGGAGGAAGAACGAGAAGGAAAGAAGGCCGGAAGGAAAGG AA G G G G G A AAA GAGGAAGGAAAAAAAAAGACGGAAGAGGGACAGAAAACG GAGAGAAGGGGAAAAGAGAGGGGAAGGGGAAAACCGAGGGAAGAAAGAG GGAGAGGGCAGGAAAAGAAAGGGGAGAAAAGGGAAGAAGGAAGGAAGGA

AGAAGAAGGAAGGCCGGCCAAAGAGGAAAGGAAAGAGGGGGGGAAAACCG GGGGGGGCAAGAGAAGGAAGGAAAAGAAGACAAAAAGAAAGGAGAAGGAG AAACCTTGGGGAAGAGACCGGGGGGAAGGAACCAAAAGGAGAAGGAAGCA GACAAAAGGGAGGAAAAAGGGGGAAAAGGCCAGGAAAAAGGGGAAAAAAG G G GAA $\operatorname{l}$ GAAGGGGGGGGGGGGAACCCCGCCCACAAGAACGAAAGGGAGA
 G G GCCCCGGAAAGGGCCAGGGAACCGGGGAAGGCCAAAGAACCGGGAGAG GAAAAGAGAAAACAGAGATAACCAAAAAGAAGGGAAGAGGACAGGAAAGA AGGGGCCAAGAGAATAAGGGGGGGAAAAGGAGAAGGAAGGAGCGAAAAAA A G G A A A G G GAA GAA G G GCCGGGGCCGGGGCCGAAGCGAGGGAAGGGGGG GGGAAAAGGGAAAAAAGGGAGACCAAAGGAAGGATTCCGAAAAAGGGGGG GGGGAAGGAAAAGGAGAGGAAGAGCCGAACGGGGCAGGGGAAAAGAAGA GGGGGGGGGAAAGACGGAAGGGGAAAAAAAAAGGAAACCAGAGGGAGAG AGGGACAGCCGGGGGGAGAACAAAGGGAAGGGGACCGGAAGGAAAAGGA AAAGGAACCAGAGAAGGAAAGCAGACAAAGAGAAAAGAGAAAAAAAAAGG AGACCGGAGGGCCGGAGACGGGGAGGCAACGGGACGAGGGGGAGGAAAG AAGAGGGGAAAAAACCCCGGAAAAAAAAAAGGAGGGCAGAGGGGAAGGAG GAGAAGACAGGGGAAAGGAGGAAAGAAGAGGGAAGGGAGAGGAAGGAAA G G GCCGGGGGAACGGGGGAGGAAGGCAAGGAAGCCGGACAAGGAAAGAC AAACGAAAAAGAACGGCCCCGGAAGAGGAGGGCAAAGAAAAAAAGGGAAA AA G GAAACCCAGGGGAAAAAAGAAGGGGAAGAGGCCAAAGGGAAGAAAGG AGGAAACAAGGGAAAAGAAAGGATAGAAAGAAGAGGAGGGGGAGGGGAG GAAAGCAGGAGGGGGGGGGGGAAAAAAAAGGGGGGAAGGAAGGCCAACC GGACGGAAAAGGAAGGCCACAGCCGGGAGGAGAAAAAGAGGGAAAAGGCC AAAGGACACCAGAGGGGGAAGGGGGCGGAGCCGGACGAGGAGGGGGGGG AA $\ln A \operatorname{GGGAAAAAAAACCGGGGAGGAGAAGGGCCAGAAAAGGGGAAGGGG}$ GGGAGAAAAAAGGGAAAATTAGAAGAGGAAAAAAAAAAGGAGAAGGAAAA AAAGAACCAGGAGGGAGAAGGGAGGGGGGAGGAAAGGAGGAAAAAAAGG AGGGGGGAAAAGGAGAAAGCCAAAGAAGGCCAAACGGAAAAAGGGGGGGG GCAAGAAGACCGACCGGCCGGCCGGGAGGGACCAAAAGGAAAGGAGGAAC CAACCCCAGGGAAGAACGGGGGAGGAAGGGGAAAGAGGGAAGAGGGGCA AGCAAACCCAAATAGGGAGGAGAACCGGCCAGGGAAAGAGAAACGGAAAC AGACGAAGAGAGGGAGAGAGACCCCCCCAGGGAGGAGGGAAAACAAGGAG GAGGGGGGAAGGGGGGCAAGGGGGAAAAAAGGGAACAAAAGGAAGGGGG GAGCCAGAAACGGGGAAAAGGCAGGGGAAAAAAGGGGAGAAACGGAAGGA AAAAGAAGAGAAAGGGGAAAAGGGGAAAAGGAAAAGGAGGAAGAAAAAAG G GAAAAAGGAAGGAGGGGGAAACAGAGGGAGAAGAACAGAAAGAGAGAGA GAACCGAAAGGGGTAAGAGGGCCAAGAAAACCAGAAGGGGGGAAAGGGAG AGGGGGAAGGGGGAAAAAAGGGGAAAGAGAGGAGGAAGAGAAAAAAGAG GAAGGGAAAAGGAAAAACAGAAGGCCGGAGGAGGAAAAGGAGGGGGGGG GCAGAGGAACACCAGGGGAAGGACCGAGAAGCCCACCAGAAGAGGAAGGC CAA G G G G G G A G A A G G G GAGAGGAAAAAGGACGGGGAAGAGGGCAGAAAG AGGAGGAAAAGAGGAAACAAACGGAAAAAAAAAGGGGACCAGAAGGGGTT GGCCGGAAAGGGAAGAGGAAACCAGAAAAGAAGGGGAAAAGGAGGAGGCC GGAACCAGAACAGGGGAAAGCCGAGAGAAAAAGGAAGAGGAGAAAAGGGA AGAAAGCCAAGGGAAGGAGGGAAGAAAAAGAGAGCAGAGGCCGAAAAAGA AAGGAAAAGGCCAAAAGGAAGAAAGAAGGAGAAAGAAAAAAGGGGACAGA AGACGGGGGAAGACAGAGAAAAAAAAGGCCAAGGAAAAAGAAAACAGGGG GAAAAAAAAAAAGGTTAGGGACACGGGGGGAAGAAAAAAAGGAGAAAGGA G GAGAAGGAAAAAAAGCCGGAAGGAGAAAGAAAAAGAAGAAAGGCCAAGG G G G G G GAAAGAAAGCGAACCCCACGCGGAACAAACAGGAAAAAACGGGAG ATAGCCGAACGGCCAAAAAGGGGGAAAGAGGGAGAAGGGAAAGGGGGGA GAAGGAGAGAAAAAAAAGGGGGGGAAAGGAAGGAGAGGGGGTTAACCAAA AAAAGCCGAAGAAGGGGAGAAGGAAAACCAAAAAAGGCCAAGGGGAGAGA GAGAAAAAAAGAAAACAAAAGGAAAAAGGGAGGGAGAAGAACCGGAAGGC CGGACAAAGAAGAAGGGAACAGGCCAAGGGGAAAAGACAGAGGCCGGAGG AAGAAGGCCGGAGACAAAAAAAATTGGAAGGGGGGCCAAGGGGCCCCAAC CAAGGAGCGGGGAAAGGAAGGGGAACCAAGGAAGATTACAGAAGGAAAAA AA $\operatorname{l}$ GGGGGGGGCAAAGAAGACGGAAAAAAAAGGGACACACCAAAAGAACG GAGAGAAGGAAGAAAGGAAACAGAGGGGAAAAAAGAGGGAGGAGAGGGG AACAGAAACAGGGGGGAGAAGAGGGAGGGGGGGGAAGGGGAACAAAGGA

AAAGACCAAAAAGCAGGAGAAGAAGAAGGGGAAAAGGGGAAGGGGGGGG G G G GAAGAGAGGAAAAAGCCAAAAGGGGATAGCCAAGGGAAACCCCAGGA AAAACCAAGGCCAAAGACCCGGGGAACCGGACAAGGGGCAGGAAAAGGGG G G G G GAGGGGGGAGAGAAAAAGAGCAAGCCAGGGAAGGAGCAAAAAAGA
 AA $\operatorname{G}$ GGGAAAAGGAAGGAAGGGGCCGGCCAAGGAAAACCCCGGGGGGAAG GGGAAGGCCAAGGGGGGGGGGGGGGGGAAAAAAAAGGAAGGAAGGGGAA G GAA G GAAAAGGCCGGAAGGGGAAAAGGAAGGGGAAAAGGCCGGAAAAG GGGGGCCGGAAAAAAAAGGAAGGAAGGGGGGAAGGAAAAGGGGGGGGCC G GAA G G G GAA G G G GAAGGGGAAAAGGAAAAAAGGGGAAAAGGGGAAAAG GAAGGGGAACCAAGGAAAAAAGGAACCGGGGAAAAAAGGAAGGAAGGAAA AAAGGGGAAGGGGCCGGGGAAAAGGAAGGGGAAAACCAACCGGAAAAAAG G G G A A A A G GAA G G A A G GCCGGGGGGGGGGGGGGAAGGGGGGGGGGGGCC G G G G G G G G G G G G A A A A C C A A G G A A G G G G A A A A G G A A G G G G A A G G G G G G G GGGAAGGCCGGGGCCGGCCCCGGGGGGCCAAGGGGAAGGAAAAGGAACC AAAACCGGGGAAGGGGCCGGGGGGGGGGGGCCAAGGGGCCGGGGAACCC C G G G G G G G G AAAAAAAAAAGGGGGGAAAAGGAAAAAAGGAAGGAAAACCC CAAAAGGCCAAAAAAAAAAGGCCGGCCAAGGGGAAAAAAAAAAAAAAAAA ACCGGAAGGAAAAGGGGAAAAGGCCAAGGGGGGAAAACCAAGGGACCGGA AAGAATTAGGCAGGGGGAAGAAAGGACGGAGAAGGACCACACAAAAGGGG GAAGGGAGGAACCGGGGCCTAGGGGAAAAGGTTAAACAAGGAGAGAGGAG GAAGGGGCAGGCCGAAGAGAAGGAAAAAAAACAAACCGAAAAAGAAGAAA AGGAGAGGGCAAGAAGACCAAGGAGGGAAAGGGAAGGAAACGGAGGGAG ACAAAAACAGGAAGGGGAAAAAGGGGGGAAAAAGAACGCCAACCGAGGAG CGGGAGAGCCGACAGAAAGGGAAAGGAAGGAGGGACTTCAGGAAAAAAAA G G A G G G A A A A A A A AA GAAA GAGAACCAGAGGAAGGGGGAAGGGACACCAA GGGGAGAGAGGGAAAAAAAAAAGAGGAGAAAGAGGAAAAAAGACCCGAAG GAACGAAAAAAGGGGGAAAAGAACGAAGGGCAGAGAGGGGGGGGGGAAG GAAGGAAAGACAGAAAAAGAAACACAGAGGGAAACGGAGGAGGGGGAAGC CGAGGAAGGAGACGGGAAGAAACAGGGGGCCAAAAGGCCGGGGGAAGAAC CGGGGAAAGGGAGGAGGGAGAACGAAGAGGGGAAGGAAAGAGGGGGGGG AACCGGGGAGAGAAAGGGGGAAAAGGAAGGGGGGGAGAGGGAGGAGCCG AAAAAGGGGAGGACAAAAGGGGGGAGGGGAACCAGCAGAAGAGAGGGAA G GAGAA GAAGAGAGGAAGAAGAAAAGAAGAAAGGAAGAGGAGAGCCGGCA AAAAGGGAAAAAGGGGGGGGAAGGAGAAGGAAGGAAGGAAGGGGAAGAA GAAGGAGGGAAAAAAGAGGGGCCGAGGGAAGGAGGGGGAAAAAAGAAGA G G G GAA GAGAGGAAAACCAAAAAGCCGAGGGGAAAAGGGAGAGAAAAGGG AA G GCAGGCCAAAAGGGGGAGGAGAGGAAAAAAGAGCCGGAAAAGAGGAA A G G GAA G G G GAAGGGGGAGGAAGAAGCAAAAAAGGAGAGGGGAACAAAG GACGGAAGGGAGAGGGGAGAAGAAGAAGGAAAAGAAGAAGGAGGAAGAAA AGGGAGGAAGGAACCGGGGGGAGGAAGGACAAGAAAAGAAGCCCACAAGC CAAGAAGGGCCAAGGGGAAAAGGCCAGAAAAAAGGAAAAGGAACCAAAGA AAAAGAAGGGGAAAAGGAAAAAAGAAAAGGAAAAGAGAGGGAAAGGGAGG AAGGAACGGCCCAAAAAGAGGGAAACCGGAAAGAGCACCCCAAGAAGGGG GGGCCAAAGGAGAGAGGGGACGGGGAAAGACAGAACCGGGGACGACCAAA GAGGAAAGGGGGGAAAAAAAAAGGAGGAAAAGGAGCAAGGGGGAGAAGG GGGGAAGGAAGAAAGATTGGAGAAGGAAAAAAAGGAAAGAGAACAAAGCC GAGGAAGGAACCGGAACCAAAAAAGGAAGGGGGGGGAAAAAAAAGGGGCC GACCAGAAAAAGCCGGGGACAGAAAAGGAAAGGGGGAATTGGGGCCGGGG AAACGGCACCAAGACCAGAAGGAAGGAAGGAAGGCAGGAACCGGGGGGAC GAAGAAAGAACCGGAGGAAGGACCAAGGGGGGGGAACCAAAAAACCAAAA GGCCGGAAGGGAGAAGCCGGAAGGGGGGAGAGAAGGAAAGGAGAAAGGA G G A G G A A G G G G AA G GCAAAGGGGGGAAAGCCGGAAAACCGGAAAAAAAGA A G G G GAA G G A G A A CAAGGAAAGGAGGGAGAGAGAAGAGGGGAGGGCCGG AA $\operatorname{G} G \mathrm{G}$ GAAAAGGGGGGGGCCGGAAAGACGAGGCCGGAAGGGGCCAAGGC CCCGGGGGGAGGGGGGGGGAAGGAACCGGCCGAGAGGAGGGGGGGAGAA GAGGACCCCAAACCGGGGAAAAGGGGAGGGAGGAAGAGGACCAAAAAAAA GGGGAAAAAGGAGGAAGGGGACGGGGCAGAGGAAAAAAAAGGGGGGCCA AAAAAAAGGGAAGGGGAAAAAGACAAGAGAGAGGAAAAAAAAAAAGGAGC AACAGGAAGGGGGGAACAGGACAGGCCAAGGAGAAAAGGCAAAGGGGAGA AGGAAGGGACCGGAAAGGGGGAGCCAAGGGGGGAGGAAGAGGAAGAGAA

G G G G G G A A A A G G A A G GCACAGGGGGGGGGGAAGGGGAGAGGAAGGGGGG G G GCAAA GAGGAAGATTGGAGTAAGGGAAAGAAAAAAGAGGGGGGGGGG AAAGAGGGAAGGAGAAAGGGAGGAGGGGAAAAGGCACAGACAAACCCCAA AAGGAAACGGAAAAGGCCGGAGAAGAAGAAGGGAACAAAAAAAAGAAAGG CCGGGGAAGGGAAAGGAGGACCAAGCGAACAAAGGAAAGGGGAGAAGAGA G GAA G GAGGGGGGGAAAAAAACGAAAAAACAAGGAGAGAGAAGGAACCAG GGAGAGAAAAGGGAGAGGAAGGAAAAAAGGGGGAGAGGGAAGAAGCGGG GCCGGAAAGGGAGAGAAAGCCGGAAAAAAGGGAGAAAGAGGGGCCAAAAG GGGAAAAAAAAAAGGCCACAAGGGGAAAACAAGAAGGGGAAAAAAGGCCG GAAAGAAAAGGAAAAGAAACAAGACGGGGAGTTGGAAGAGGGGAAAAAGA AGGAGGACGAGGGGACAGGACAGGGAAGGAACACAAGGGAGGGAAAAAAG GAAACCAAGGGAACCCCAAAGCACCAAGGCAGGGGAAGGGAGGGGAGGGG GGGGGAGGGGGGGGGGAAGAACAAGAGAGAAGGGGAAGGGGAATTCAGG AAGAGGCAGACCAAAGGACAAAGGAACCAGAAAAAAGGAAAAAAGGGGAG AAAAGAAAAAAAGGCCAAAGACGAAGACCAAAAAGGGAGGAGGGAAAAAA AAGGGGGGAACCAAAAGGCCAAAAAAGGAAAAGAGGGAGAGGGAAGAAAG AA G G GAGGAAAAGAATAGGAAGAAGAAGGAAAGGAAAAGAGGGGAACCGA
 G G G G G G G G GCCGAAGGGAGGAAGAGAGCCGGAGAGAGCAGAAAGGAGGG AAAAAAAGCCAGGAGGAAAGCCGGAGAGGGAAGAAAGGAAGGAGAGGGGG GAACAACCGGGACAAGCCGGGGCCTTAGGGAAGGGGGGGAAGAAACAAGA G GCGAGAGGAGGGAGACCGAAGGAGGAAGAAGAAGAAAAAAAAAGAAAGA CCGGGAGGAAAAGGACCCAGAGAAAGGGACGGAAGGAGAAGGGGGGAAAA A GAAA $\operatorname{A} A A A C G G A G G A A A A A A A A G G G A G A G G G C C G G G G G G G G C C C C G G A$ G G GAAAAAACCGGCGAAAAAAAAGGGGGAAAAGCCGAACGGAAAGGGGGA AA $\operatorname{A} A \mathrm{~A}$ GGGGCCAGACGGGGGGAGGGGAGGGGGGAAGAGAGGGGAAGGCC GGCCAAAAGGCAGAGGAAACCAAGAAGGAAGGAAAGGAGGGGGGGACCAG AACCGGGAAGAGCCAAAAACGGAAAACCAGAAGGAAAAAGGGGGACAAGG AAACAGAACAGGCCGGCCCCCCAGCAGGGGGGAAGAGAAAAAAAAAAAAA AAAAGGGGCCAAGGCCAAGGAAAAAAGGAAGGAAAAGGAACCAAAAAAAA G GAAAAGGAAGGAAGGGGGGAAAAAAAAAAAAGGAAGGAAAAGGAAGGGG G GAAGGGGAAAAGGGGAAAAAAAACCTTGGAAAAGGGGAAGGGGGGCCAA AA G GAACCCCGGAAGGAAAAGGAACCCCGGGGGGAAAAAAGGGGAAAAGG AA $\operatorname{G} G \mathrm{G}$ GGGGGCCCCCCGGAAGGGGAAAAAACCGGAACCAAGGAAGGGGAA G GAA G G G GAAAAAAGGGGAAAAGGAAAAGGAAAAAAAAGAAAACGAGGAA ACGGGGGGAAGGGAAGACGGAGAGAGAGGAACGAAGAAGAGAAAGGGGA G G G G G A A ACGGAAACGAAGGAAAAAAGGGGGAAAGAAATGAGGAAAGGAA AA $\operatorname{GACGGCCAGAGGGAGGGGAAGAAGGCCAAGGACAAGGTTGGGAGGGG}$ AAAACAAAGGAGAAGAAAGGGGACGAGAAAGGGGCCGGAAACAAAAAAGG G GAAAAGGAAAAGGAGGGGAGACAAAGGGGGGGGGGAGGAAGGGAAAAA AA $\operatorname{GAAAACCGGAGAGGGGGGAGGAAGAAGGGAAAAGGAGAAGGCCGGAG}$ CCGGAGAATAAAAAGGAAGGGGGGGGGAAAAAGGGGAAGGGGAAGAGGG GAACCAGAAGGGGAAAAGGGGGGGGAAGGAAGGAACCCCAAGGAAAAGGA AGGGGAAGGGGAAGGAAAAAAGGGGGGAAAAAACCGGTTGGCCCCAAGGG GAAGGAAGGAAGGAAAAGGGAGAAACCAAAAAGCAAGGGGGAAAACAGGG GGGAAAAGGAGGGGGAGGAGGAAGAGGGGAGAGAGGAAGCCGGAAGACC GGAAGGAAAAAACAGGAGGAGAGGAAACGAACACACAGAGAGAAAGGAAA CCCAGGAAAAGGAAAAGGATAAAACCATAAAGAAAGAAAAACACGGAGAA AGCCAGTTAAAACACCGGAAAGAAAAGGCCGGAAAACCCAACAAACAAAG G G AA $\operatorname{GAG}$ G G GAAAAAAGGGGAGAAGGAAGGAAGGAGAAAGAACCAAAGGG CAAACCAAAAGGGGAGGAAAGGAGCAAAGGAAAAGACCACAAGGAGCCGG AACCGAGACCGACCGGGGAAGGAGAACCGAAGAGAACCGGGGCAGGAAAG AA G GAAAAAAGAGGGAAAGGGAAGGGGGGGACAAGCGGAGGGCCATGGA GAACACGCCGGCAGGAAAAAAAAAAAGAGAAAAGAAGAAGGAACCGGAAG G G G TT G GAA G G G G G G G GAACCGGAAAAGGGGGGCCCCAAAAAAAAAGAGC AAAGGGGGGGGAAAAGAGGCAGGAGGGTTCAAAAAGAGCCCAAAAAAAAA ACCAAGGAAAGAACCGAAGGGAAGGAAGGACAAAAGACACCGACACCGAA G GCGACCAAGGAGAAGGAAGGGAGAGGGGGGCGGACAGGGGAACAGACA GGAAGGACCCCAGGAAAAGAAAAGAACCAAAAAAAAGACCGGCGAGGAAA GGAACAAGAAGGAAAGAAACGAGGGGAAAGAAGGAAGGAGGAGAAGAAAA AGGGAAACCCGACGAAGAGGCCGGGGGGGGAGAGAGAGGAGGCAGGGGG

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A GAAGGGGGGCCATAGGAGGGAACGGAGAAGGAGAGAAGAAGAGGGGAA AAAAGGGGGGGGAGACAGGGGGGAACCGGAGAAAGAGAAAGACCACCAAG G G G G G A G G G A GCAGGGGGGGAAGAAGGGGGGGGAAGACCGAGACCAAAC AGAAGGAAGAAGAAGACCGGAAAAAGCAAAGGAAGAAGACGGGGGAGGAG TAAGAAAAAGAACCAAGGAAAACGAGTAGGAGGAAGAAGGGGAAAACCAA GGGGAGAAAACCAGAGAAGAGACAAATACCGGGGAAGGATCAACACGAGG GACCAAAAGGGGGGGGAAAAAGTTAAGAAGAAAAGGAGGACAAGAAGGGA AAAACCGGCAAAGGGAAGAAAGGAGGAAAGCAGGGGAGGGGGGGGAAGG GGGAAGGCAGGAAGGGGGGGGAAGAGGAAAGGAGAGGGGGGAGAGAAAA AAAGGGAAAAAAGGGGCCGGGGAGAGAACAGAGGAGGGAGGGGGAAAAA A G G A A G G G G G G G GAGATGGGAATGGAGGGAAGGAAAAAAGAGAAGACAA AAGGGGCCAAAAGGAACCAGCAGATTAAAAGAATTAACAGAAAAGGGGAA GGGGGGAAAAGGAACCGGAACCGGGGCCGGAACCGGAAAAGGGGGGAAA AAAGGGGGAACGAAAGACCAAAAAAACGAAAGGAGAGGGAACCGGAAAAA AGGGGAAAAGAAAAAGGGGGGGGAACCGGAGGGGGGAGAGGAACCAAGG G G A G G G G GAACAGAGGGAAAGGGAAAGGGGGGGGAAGGGAGGAACCAAG GGGAAAAGGTTACGGCCAACCGAAAAGGAAAGGGAAAGGAGAAAAAAAAC C G G G GAGAGAAAGAGGGAGAAAAGGAAAAGAGGCAAGGGAACAAATTAAC CAGCCGAGGAAAAGAAGAAGGAAAAGGAAAAGGAAAAGGAAGGCCAAGGA A G G G GA G C C CAA $\operatorname{AAAAACCAGGGGGAAACGGGGAGAACCGGGAAGAAAAG~}$ G G G G G A A A A G G G A G G G G A A G GAGGGAGAGAGGGGAGGAAAAAGAAGGAG CAAGCCAAGGGGCCGGTTAGGGGGACGGGGGACCGAACCAGAAGCACAAC CCAAAGTATTGGGAAAAGAAAAAAAGAAGGAGGGCCCCAAAAGAAGAGGG AGGGAGAAAGGAGGAAAAAAACAAAAGGGAAGAAGGCCGGAAGAGGAGGA AACAGGCAAACCAAGGGGGGAAGGAAGGGGAGGGAAGGGGCCAAGGTTG GGAGAAAGACCAGAGAAAGAAGGGAGACAGACACAAGAGGGGGCAGAGGA AAACCAAACGGTTAGAAAGCAGGAAAAAAGGAACCAAAAGGGGGGAAAAA AGGAGAAGGGGAAGGGAGGGGCCGGGGGAGGGAGACCACACAAAATTGG AAGGAAAAGGAAAAGGAAAGAGGACCGGGGGGGGAAAACAAGAGAGAGAG CACAGGAAGGAAAGAAAACCCCGGGGGGGGAAGGAACCAAGAGGAGACAA GAGGCACCAACACCGGGGCCAGCCCAAACAGGAGCCAGAGGGAAAGACGA A GCCAGGGAGAGGGGGGAGGGAGGCGGAAGGGAAGGGGCCGGAAAACCA GTAGAACGGCCGGGAGGGGAAGGAAGGGGGGGGGGAAAAAGCAGAAAGA AAAAAAGGAGCAAAGAAGACAGAGGAGGGAAGGGGGAAGGCCGGGGGGA AAAAAGGCCAACAAAGGCCAAGGCCAAGGCCAAAGAGGGAAAAGGAGAGA GAAGCAGAGAGAAAGAAAAGACCAAAAGGGGCCGGAGAAGGAAAAATGAA AAACCGGAAGATAGAAAAGAAAAGAGAAAAAGAAAAAAAAAAAAAAAAAGG AAAAGGAACCCCAAGGAACAAGCCAAGGGAAAACAGAAAGCCGGAAAAAA G GCCAAGAAGACAGCAGAAAAGACAGCCAAAAGGCCGGAAAGGGGAGAGG G GAAGGGGAAGGCAAAGGAGGAAAAAAAAAAACCAAGGAAGGCCGGGGAC AGAGCGGGGGAAGGACAGGGAAAGGAGCGAACCAACAAAAAAGAGAAGGG AGCCGGAAAACAGGAAGGGGGATTGAAAAACCCCGGCCAGGAGAGAACAA AA G GAAAAAGGAAAAAAAGAGAGGGGTTAAAAAAGGGGAAGGGGAAAAGG GGAAGGCCAAGGGAGGGGGGGGGACCGGAACCAGACGGAAGGAAGGCCG GAAGGAACCGGAAAAGGAGAGGGGGAAAAAGCCGGAGAAGGAAAAAAAAA AAAGGGATTCAAAAAAAGAAGGGAGAAAAACATAAAACCGGAAAAAAGAA AGAAGAGACCCGGTTAGAAAAAAAAGGGGGCAGAGGAGAGGAGCGCCAGA AAGGGGGGGGGAAGGAACCAAGATTAAAAAAAAAAGGAAGGAAAAGGGGA A G G AATTGGAAAAAAGGAAAACCGGGGAAGGGGAAGGGGAACCGGGGGG G G G GAACCGGGGCCAACCGGAAGGCCGGGGAAAAAAAAGGGGAAGGGGA AGGAAGGCCAAGGAAGGGGAAGGAAAAAAAAAAAAAAGGGGAAAAAAAAA AAAGGCCAAGGCCAAAAGGCCGGAAAATTGGGGGGAAGGAAAAGGCCGGA ACCAAGGAAAAGGGGAACCAATTAAAACCGGAAGGAAAAGGAACCAAAAG G G G G G G G G G G G CCGGAGGAGGGGGGAAAACCGGAAAAAAGGGGGGAAAA GGAAGGAAGGCCCCAAAAGGAAAACCGGGGCCAAAAGGGGAAGGGGGGG GAAAAGGAAAAGGAAGGAAGGGGGGAAGGGGGGTTCCAAAAGGGGGGCC AA $\operatorname{G}$ GGGGGGGAACCCCAAGGGGAGGGAAGAGAAAAAGGGGCCGGCAAGA GGGAGAGACAAGGGGAGAAGAGGGGGGGGGAGGAACAAGGGCAGAAGAG AAAAGAACAGAAAAGGAGAAGGAAGGAGACGGGGCCAGGGCAGAAGGGAA AGGAAAAAAAAAAAGGGGGGAAAAGGGGCCGGGGAAGGGGAAGGGGAGG AAACCACCAAGAAGGAGAGACAAAGTAAAAGAGAAAAAGTTCCAGCCGGG

G G G GAGGCCGGAAGGGGAAGGAGGAGAAGAGAAGAAAGGCCAGGAAGGG AA $\ln A \operatorname{GAG} \operatorname{GGGGGGGAGAGCCAAAAAAATAGGGAAAAGGAAAGAAGGAGGA}$
 CGGAACCAGAAGAAAAAGAAAAAAGACAAAACCGAGAAAAAGGAATTCCCA G GAACCAACCGGGGAAGGCCAGAAGGGGCCAAGGGGAGAGCAAAGAGAAA ССТTGAAAGGAAGGGGGGGGGGAAGGAAGGAACCAAAAAGGAGGGACCAC AACAGGAGAAAAGGGGAACAAACACAAGAAAAAAAACCCAGGGAAAGGGG AA $\operatorname{G} \operatorname{GGAA} \operatorname{G} \operatorname{GAG} \operatorname{GAGAAAAGGGGAGAGAAGAAAAAGGGGGAGGAACCAAAG}$ GAAAGGGGAGAAGGCCGGAGGGGGAACCGGCCAACCGAGAGAGGAAGGG GAGAGAACCGAGGCCAAGGGCAAAAGGAAAAGGACAAGAGGAAGAACGGA GGGGAAAAAGGGGGGAAGGAAAAGGAAAGGGAAAAGGGGGGGGAGGGGA GGGAAGAAGGGCGGAAGGGGAGAACCGGGGGGGAGGGGGCAGAGAAGGA GGAAAAAGGAAGGAAGGGGCCAACCCCCCGGGGAAGAGAAGGGGAGAGG GGGAGGCAAGAAAAGGGGGGCCAGGAAAAGGGGGGGGGAAAGGAAAGGG AGAGGAGCAGAGAGGGGGGGGCCGAGGAAGGGGGGGAAAGGGGGGAAGG GAGAGGGAAAAAAAGGGGAAGAAAGAGAACACAAGGGGGAGGGGGGCCCA AGACAAAGAGGGAGAGCCGGCAAGGGGGGAGGAGAGCAGGAGAAGGCCG G G G GAGAGAAGACAGGAGGAGGGAAGGAAAAGAAGAAGGGGGAACAGGG G GAA $A$ A GAAGAGCCGAAAAGCCAAGAAGGGGAGGAAAAGGCCGGAGGGAA G G G G G G G G A GAAAGAAGGGGAAGGGGGGAGGGGGAAGGAGGGACGAGAA AAAGAAAAGGAGACCGAAAAGAAGGGAAGGGGAACACGGAAAAGGAAAGA CGAGACCAAGGAGGAACGGACAGGGAAAAGGACGGAAGGACAGAAGGAAG ACCGGGGAGAGGAGGAAGGTTGGAAAAGGAAGAGGCCGAGGGAGAAGAG CCCCAAGAGAAGGAAAAGGGCAAGGACCGACAAAGGAAAGGGGGAAGAGG AA G GAGAAGGAAGGCAGAAGGGAGAAGGAGAAAAGGGGGAAAGGGGAGA GAAAGGAAAAGCCGGGGAGAAAAGGGGAGGGAGCCAGAGAGGGGGAAGG CCAGATGGGACCAAAAAAGAGGGAAAGGGAAGAAGGAAGAAGAAAAAAAA AAAAGGGGGGGGGGAAAAAAAAAAGGGGAAGGGGGGAAAACCGGCCCCAA AAAAGGGGAAGGAAAAGGGGAAAAAAAAAGGGGGAACCAAAAAAGGGGAA GGGGCCAAAAGGAAAAAAAAAAAAAAAACCGGAAGGAAGGGGGGGGGGGG GGAAGGAAGGAAAACCAAGGCCAAAACCAAGGAAGGAAAAGGGGAAAAAA CCAAAGCCAAAAAAAACCAAAAAAAAGAGAGGAAGAGGGGAGAAGAGGGA AA GAA G G G G G G ACCAGACGAGGCCGGCCAGGAAGAAGGAGAAAAGAGGGA AGGGGACCAAAGAGAAGAAACCAAGAGAAGAGGAAAAGGGACAAGAAAAA AAAAGGAAGGGGGGACACGGAAGAAGAGGGAAGGGGGGCCGGAAAAAAAA
 A G GAA $\operatorname{A}$ GAAGAGGGGGGACGGGGGGCCAGCAAGAAACAAGAGGAAACGA GAAA G G G G G GAAGGGGGGCAGACCCCGGGAGGAAAAGGAAGGCCTTAAG GCCAAGGGGAGACAAGGTAAAAAGGAAGGGAGGAGAAAAAAGGGAGGGAA A G G G G G G A A G G C CA $\ln$ A $\operatorname{CA}$ CAGGGGGAGGGGGGAGGGGGGAATAAGAGGG GAAACCGAGGGGAAACGAAAGAACAGAGAAGAAAAAAAAAAGAAAAAAGG AGAACCGAGAAAAGCAAGAAGAAAAGGGAGAAGGAAAGAAGAGGGAAGCG AAGGGGAAGAGAAAGGAGAAAAAAGAGAGAGGAAAAAGGGGGAAATAACC GACCCCACAAGAAAAAGGGGGGAAAAAAAAGGGGGGAAAAGGCCCCGGAA ACAGAAGGGGAAGGAAAAGGGGGAGGGGGGAGGGAGCACAGGGGAAGGT AGCAGGAACGGAAAACCAAAAGGACCCGCGACCGGGGAAAGGACAGAGGG GCCGACCGAAGCAAGGAGAAGGAGGAAAGACAGAAGGGGAACCAGAGGAG AA $\operatorname{l}$ AAAAAAGGAAGAGGGAAGGGAGGGAGAGGGGGGGGGGAAAAGAAAC GAAGGGGGGGAAGGGGGAGGGGAGACAGAAAAGGAGGGAAAAGGCACCA AA $\ln \operatorname{GGGGGGAAAAAGGGACAAAAAAAAAAAAAAAAGGAAAAGGGAAAAAA~}$ AAAAAGGAAAGAGGGAAAGAGAAGAGAGGAGACGAGGAAGGAAAAAGGAA A G G G A A G G G G GAA $\ln$ GGGGAGAGAGGGGAAAAAAGGGGAGGCAAAGAGAA AACAAAGGAAGGGGAAGGCCAAGGAGGAGAGGGGGGAGAGAGGAGAATG GAGACGAAGAGGGGGGGAACCAAGAAGCAGGAAGGACGGCCGAAGAGGG GGGGAAAAAAGGAGCCAACAACGGAAGGGGCAGGAAAAAACACCAAGGGG GGAAAATTGGAAGGAAGGAGGAAGAGAGGAGGGGGGACCAAAGGAGAAG GAGAGGGGGGGAGAGGGGGAAAAAAAGCCGAGGGGCCGGAAAAAGGGAA AA $\operatorname{G}$ GAGGAGGAGGGAGAGGAACAGCAAGGAGAAGGGAAGGAAGGGGGGG GTTGAGGAAGAACAAGACAGGGGAAAAGGGAAGGAAGCAAAAAGGAAAAA GAAGGAAAGAAACATGATTGGCCAAAAAACAAAGAGAAAAAGGAGGGGGG GAAAAAAAAGGAGAGAGAGGACAGAAAAGCAGGGGCCGGAAACAGGGTTC

CGGGGCAAACCCAAACCAGGGGGAAAAAAGGCAGGAAAAAAGGAAGGCAG GAGAAGGCCACAACCGGAAAGAAAGGAGGGGAAGACAAGAACGGAGGAAC AAGGGGGAAAACCAACCGGAAAAGGAAAAAGGGAGCAGGAGAAAGGAAGC C G G G G G G G A A A A C G GCCGGGGAAAACAAGGAGAGGGGGGAGGAGGGAGA TTGGGGAGGAGGAAAAAGGGAGGAGAAGGAAAAAGAAAGGAGCCCCGAAC AAAAGGAACCAGAGGGAAGGGAGAGACAAAGGAACCGGAAAACCCCAAAC AGGGCAAAGAAACAGGGAGAGCAGAGAGAAAAAGGCGGACGGCAAAACGG GGGGAAAAGGAAAAGAGGAGAAAAGGAGGAGGGAGAGGGAAGAGGGGAA CAGGGGAAAAAGGAAGGCCGGAAGGAAGGAAGGCCAGAAGAAAAGATAAA AAAAAACGGAGAGCAGGAGAAGAGAAAAGCCAGGAAAGAGGAAAAGGGGA AAACCCCCAGCAGAAGGGGGGGGAAGGGGGGGGAAGAAAAAAAAAGGAGA GGAGGAAAAGGAAGGAAAGAAGGACGGGGGGAAGGAGGGAACCCCCAAAG GAAAAGGAAAAAAAAAAAGAGGGAGCCGGAGAAAGGAGGAAGAAAGGAGG GGGAGAAAGAAACAAGGCAGGGGACGAAAGGCCGGGAAGAAAAGAACAAG GGGGACAGAAAGGGGTTAGAAAACCGACAACAATAACGAGAGGAGGAAAC AGGAGGACCAAAGGGAAGGGAGGATACCCGAAAGGGGGGGAGGGGGGGA CCGGAACAAAAACCGGAAAACCAAGGGAAGCAGGGGGGAGGACCACAAGA GAAGCAGAATAGGGAGAGAGGAGAGGGAGGAGAAAACAAAGACCGAGAAA GGGGAGAAAAAAAGCCGGGAGAAGAAGAAACCCAAGACAACCAAGGGGCC AGGGCCGAAGCCGGGGGACCGAGGGGAAGGCAAAAAAAAAAAGGAAAAGG AAAAGGCCGAAAAACCAAGGAGAAAGAGACGGAGGGGGAAAATTAGGAAA GGGAAAAGGAAAAAAAAAGAGGAACCAAAAGGAAGAGGCCGAAGGGGAGA G G A GAAGAAAGAAGGGACTTAAGAGAAAAGGAAAAGGAGAGAAAAAGGAA CCCCGGGAACCAAGAAGAGGAGGGAGGGCAAAAAGGGAAAAAGGAAGGGG AACCAGAAGGGGGAGGGGGGGGAAACGAGAGGGGCAGGGGCCGGGGAAG GCCCCAAGAAAAGGAGGGGTAACGGTTACGGCCAAGGGGGGGAGGAAAGA AGGAAAGAAAAAACCGGGGGGAGGAGGAGAAGGGGAGCCGGGGAAGGGA GGAACGGGGAGAAGAAGAAGGAAGGGAAAGAAGGAAAAGGAAAGGGAACC AA GAAAGGGGGGGGCCAAAAGAAGAGAGCAAAGAGAAGAAAGGGGGGGCC CCGGAAGGGGGAACAAACAAAGGATTGAGAGAAGGGGGAAAAGAGGCCAG AGGGCAGGAAAAAAAAGGGGAGAGGGGGAGGGCCAAAGAGAGAAAGAGAC AGAAAAAAAAGGAGAAGAAAAGAGAAAGAGGGGGCCGAAGACAAGGAGCC AAGGAACAGGGGGAAAAGAAAGACCCAAGGGGAAAAAACCAAAAAGAAAA A G G G G G G A A GAGGGGAAGGGGGCCGGAAGGAAGGAAAGGAAGGGGAGGG GCAGGAAAAACCCGGAAGGAAGGAAGGAGAGAGGGGGAAGAGGAGGGGG GGGGAAAGAAGGGGGGAAGGAAAAGAAAGGAAGGGAAAAACAGGGAAAG GAAGGAAAAAAAAAAGGGGGGAAGGAAAACCGGAAAAGGAACCGGGGGGC CGGAAGGGGAAAAAAGGGGAAAAGGGGAAAAAAGGAAAAAAAACCCCGGG
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 G G G G G G G G G AA G G AA G GAAAAAAAAAAGGAAAAGGGGAAAAAAGAAGAGA ACCAAAAAAAAAAAAGGAAGGGAGACCAAAAAAAAAAAAGGAAGGAACCG AGGGGAAGGAAAACCAACCAGCCAAAGAGAAGAGAGAGAGGGAGGGGGAA GAACCGAAACAAGAGAAAAGGAGACGGCCAGGGGGGAGAAAGGAAGGGGG GAAGGAAGGCCAAGGAAAAAAAAAAGGAAGGAAACAGGGAAACGAGAGGA A G G G GAACAGAGAAAAAGGGGGGAAAGGAAAGAGGAAGGAAGGAAGGGA CAAAAAAAGGAAGGCACCCCGAGAGGAAAGAAGGGGGGGGAGCAGAAGAG AA G GCCAGGGAAGGAAAAAAAAAAGGAAGAAAGAGAAAGGAGGGAGAGAA GGGGAAGGAGGGACGGGGAACCGGGAAAAGCCCCGAACAAAAGGAGGGA GAACGAACGGAAGGGGGGAAACCGGAAAAAACCGGAAGGGGCCGAGAGGA A GAGGAGCAGGATAGGGGGAGGAGGGGGGGCGGGAGAGGAGCCGGGAGG GGAAGGGGAAGGAACCAGGGCCGAAGGGAGAGAAAAGGCCACGGGGGGA AGGGAGGGAGAGGCAGGGGAAGAAAAAGGGGAGGGGGAACCAAAAACGG GGAAAGGAAGAGCCAAACGGAAGGGCGGATAAAAGAGGAGCAAAGGAGAA CCCCAGAAGGAAAGAAAGCCGGGAAAAGGGGGGGGGAGGGAGCCGGAAA GGAAGAACAGGCCAAGGAAAAGGCCAAAAGAAAGGGGCCAAAACCGGAAA GAGGAAACCCCGGGGAAGGAAGGGGAAAAAAAAAAAAGGGAAGAAAAAAA AGGGGGGCCAGCAGGGGAGCAACAAGAGAAAGGAGAAGAAGAACCAAGGA
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AACAACAGAGGGGGAGGGAAAAAGAAGGGGGAGAGGAGAAAAGGAGGGG G G GCCAGGAGGGGAAGGGGAAGGCAGGGGAAAGGGAGAACCACGAAAGA AAAAAGGGGGAGAAGAAGAGAAGAGATAAATAAAGGAGACGGGGGGAGAG GACCACAAGGAGAGAAGAAGAAAGGAGGGAGGAGGGAGAAGGCAGGGGG GGAAAGGAGACCAGAGGCCCCAACCAAACAAGGGAGGAAAAGGAAAAAGC GGGAAAAAAAAGGAAAAGGAACCGGCCAAAACCAAAAAAAAAAAAGGCCG GAAAAGGGGTTGGGGAAGGGGAAAAAAGGGGGGAAAAAAAAAACCAAGGG GAAAAGGGGAAGGAAGGGGAACCGGGGAACCAAAAATCAAGGGAGCCAAA GAGCCAGGGGAAGGAGGACAAGGCAGGAGGAAGAACAAAAAGGGAAGCCC CGGGGACAAAGAGAGGAGAAGGGGAAGGGCCGGCCAACCGGAGAAAACCG GGAGGGGAGGGAACCAAAGGAGAAGAGGAAAAAAGGGCCGGTTGGGGAA GGGGGGAGACGGAGAGAAGGAAAAGAAGAGCACAGAGCGGCAGGGGAGG AGGAAGGGGGGAGATAGAGAAAAGGGGAACCGGGGGGGGAAAACAAGAG AGCCGGAAGGGAGAAGATGGAGGGCCGGGCAACAGGGGGGAAAACCAAAA
 G G G G G G G A A A A A A G GAGCCGAGGGAAGGAGAGGAAGGGGGGGAAAGGGG CCGGAAGAGAAAGAAGAAGAGAGACCAGAAAAGGGGAAAAGGAAAAAAAA CCAAGGAAAAGGAAGGGGGGCCGGGGGGAAAAGGAAAAGGAAAAGGGGA
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G G G GAAGGGGGGAAGGAAGGCCAAAAAAAAAAGGGGAGGGAGAAGAACG ACCGAAAAGAGGAAAGAGGGAGGAAAACAGGGGGGAACCAAGAGGCAGGG AGAGAAACACAGGAGAGCCCCCCGGGAAAGGGAAGAGAAAAGGAGGGGGA AGGGGAAAGGAGGAAAAAACAGAAGAAAGGGGAAGAAACGAGCAGAAGAA ACCGGGAGAAAGGAGAGACGGAAGGAAAAAAGGGAAGAGGGGGAGCCAAA AAAGGGGCCAACCAGGACCAAGAGGGGAAGGGGAGAAAACCCCAACAGAA GAAGGAGAACAAGAACCAAGGAAGGAAAAGGGGAACCGGGGAGAGGAAGC AGGCCGACCACGGAGGGGGGGAGGAGGGGAGGGGGAGACAGGGAGAGAA CCAAGGGGGAAACAGAGAGAGAAAAGGAGAAAAAAAAACCAAACAGAAAA AGGGCAGGAAGGAAGAAGACAAACGGGAAGAAAAAACAGACACCAAGAAA G GAAACGAGGAAGGGGGAGGAAAGAGACGAAGGGGGAGGGAGGGGGGGG GCAGGGAGGGGAACCGGGCGGAAGGAAGGGGCCAGTTAAAAAAGGCAGA GGGAAAAGCCAACGGGCCGGGGAAAGGAAGGGGGGGGAAAAGCCAAAAAA AGCCAAGGACAAGGGAGGAAAAAGAAACAGGGGAGGGGGGGGCAAGAAAC CCAGAGCCGAAGGGGGGGCCGGAAAGGAGGGAAAGGACAGGAAGACAAAG GGAGGGCCAAAAGAGAGAGGCAGAGAGAAAAGCACCAAGGGGAGCCCCAA AA GAAAAGGAAAGAGGAAGGGGGGAAAGGGGAAAAGAAAGGAAGAGCCCC AAAAGAAAGGCCAACCAAAACGAAGGAAAAAAAAAAGGGGGGGGGGAAAA AAAAGGGGGGAAAAAAAAGGGGGGAACCAATTAAAACCCCAAGGGGAAGG AAGGAAAAAAAAGGGGCCGGAAAACCGGGGAAAACCAACCAAGGAAAAGG G G CCGGAAGGCCCCCCCCAAGGAAGGGGAACCGGAAAAGGAAAAAAGGAA GGAACCAAGGGGAAAAGGAAGGGGGGAAAAAAAACCCCAAGGAAAACCAA AAGGAAAAAATTGGAACCGGGGGGAAAAGGGGAAGGCCGGGGAAAAAAAA AA G G G GCCGGGGGGCCGGTTCCAAGGGGAAAAGGAAGGGGAAAAGGGGA A G G G GCCGGAAAACCAAGGGGCCAAAAGGAAAATTGGAAAAAAAAGGGGA AAAGGAAGGAAAAAAAAGGAAGGGGAACCGGGGAAGGAAGGAAAAAAAAA AGGGGAACCAAAAGGGGGGGGCCGGAAAAAACCGGAAGGAGAAGAGGTTA GAAAGAGAAGAAAGGAAAGAAGGGGAGACAAGGGGGGCCCCAAGGAAGAG AAAAATTCCGAAAACAGAAAGGGGGAAGGCCAGAAGGAACCAGGACCCCC CAAAAGAGACCAGAAGGAAGGGAGGGGAGAGAAAGGGCAGGACAACCGGA AGGAAAAAAAAGGAAAAAAGGCCGGAAGGGGGGGGAAGGGGCCGGGGAA AACCGGAAAAGGAAAAGGCCAAAAGGAAAAGGGGAAGGAAAAAAGGAAGG AACCGGGAGGAAACGAGGGGAACAGGAGGGCCGGAAGAGGCCAGCCGGG
 G GAA G GAAGGACGGAAAGAGAGGAAAAAAGAAAAGGCCGAAAGAAGGGGG GGGGGAAGGGAGCCAACAAACGGGGGACAGAAGGGGAAGGAGAAAGACA GCAGGGAAGGAACGAGGAAAAAAAAAGCCAGGAGGCCAGGGGGAAAAGAG GAAAAAAGGGGGGGGAAACAGAAGAAGAACAGGCGAAGGGGAAACGAGGG AAAGGGGAAAGAAGAGGGGGGAGAGGAGAAGGGAGGACAGGGAAGAAAG AGAAAAGAGAGAAGAGGGAAGGAAAAAAGGGGGGGGGGAGACCAAGAAAG GAACACAAGGACAGGGGAGGAAAGAAAAAAGGTTAGAAAGAAGGAGACAG AGGGACAGGAGAGGCAAAGGGGGGAGGGGAGAAAACACGGGGGGGGAAA ACCCAAAGGAAAGAAGGGGAGGAGGGGGAGAAGCCAAAAGAAACCCCAAG AAACCAGCCGGAAAGGGAGGAGAGGAACAGAAGGGGGGGACAAAGAAGGA A G G G G G GAGAGAAACGAAAAAGGAGAGACGGAAACAGAGGGGGAAGGCCA G G G G GAA G GCCGGGGGGAGGAAAAAAAGGAGGGAACCAAGGGGGAATGG GAAAAGGAAGGGCCCAGAAAAAAAGGGGGGGGAAAAGAGGGGGGAGGGA AGAAAGGGAGACAAGGGACGGCCAAAAAGGAGGCCGAAAAAGGAAGGGAA AACAAGACCGAGCAAACAAGGGGAAAAAACCGGGGAGTAAAGAGAAAGGG GCAAGGAGGGAAACCGGAGAACCGAGGAAAAAGGGGAAACCAAGGAAGGA AAAGGACGGGCAAAGAAGGAAAAAAAAGAAGAAGAAAAGGAGAGACAGAG G G G AAA G GAAAGGGGCCCAGGAAAAGAGAGAGAAAAAAGGAACGGGAAAG GCCAGAACCGAGGGGGGAGAAGGAGGGGGGAGGGAGGAAAAAAAAGAAA GGAAAGGAAAGAGGAAGGCCAAGAAAAGGAGAAAGGAAAAGAAGAGAGAA GGCAAAAAGGAAAAGGAACGAGAAAAGGAAGAAAAAGGGGAAAAGGCAGG G GAGGGAGGAGGAAAGGGCCGAGAAGAAAACCAACCGGCCAAAGAAAGGG GGAAAGCACAGAGGGGCAAAGAGGAAAAAAAGAAAGAGGGAAGAGGGGAA AAGGAAAAAAAAAAAAGGCCGGCCAAAAAAAAAAGGGGAAGGCCAAGGCC G G G G G G G GAAGGGGAAGGGGGGGGAAGGAACCCCGGAGAAGAGGAGAAA GAGGGCCAAAGGGGAAAAGAGGGAACCGGGGAGGGGGAAGGCCGGAAAA AAAAAAGAGGAGGAGCAGGGAAGGGGAACCAGGGGAGGGGGGAAGGAAA

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 G G GAA $\operatorname{la}$ AGGGGACAAAAACAGGGAAGGGAAGGAAAGGGCCAAGGGGAG AGAGAAAGCCGGGGAAAAGGAAGGCCGGAAGGAAGGAAGGAAAAAAAAGA AA G G A G G G GAGGAGAAAAAACCCAGAAAAAAAGGAGAGAAGGGGGGGGAA GACCCCACAAAAAAAAAAGGCCAACCGAGAAAAGAAGGAGGGCCGGGGGG AA G G G G G G G GGGAAAAGGGGAAGGCCCCAAAATTGGAAGGCCAAAAAAAA G GAAAAAAAAAAAAAAGGGGAAGGGGCCCCGGAACCGGAAAAAAGGAAGG AAGGAAAAGGGGCCGGAAGGCCGGCCGGAAAAAAGGAAAAAAGGCCAAGG AGAAAGACAGAAGAGGCCAAGAGGGGGAGGGGGGGGGAGAAAGGCCGGA A G GAGGGGGGGGGAAGGGCAAGGAACCAGGGAGGGGGAGGGCAAGACAG G G G G G GCCGGGGGGGGCCCCACACAAAGCCAAACGAGAGGCGCACAAAGA AA G G G GAAAAAGGGGGCCGAACGGACGAAAGGAAGGACGGGAGGAAAGCC G G G A G GACTAGGAAGGAAAAGGACAACAGGAAAAAAGGAAAAAAGAGGAG CAAAAAAACCGGGGCCGGGAAAAAAAGGGGGGGGAGGGAAAAAAGGGAGG AGGACAGAAAAGCCGAGGAGGGAAAAAGGAAAAAGGGGAAGACAAGGGGG GAAGAAGGGGAGAAACGAAACCGATAACGGGGAAGAGGAAGAGGGGGGAA G GAAAAAAGGAAAAAAGGGGGGTTCCAGAAAGGAGAGACCACAAGGGGAA GGAGAACACCGGAAGAACGGCCAAGGAGAAAAAGATAAAAAGAAGGCAAA AACCAAAAACGGAGGGCCGGAGAAAAAAGGGGAGGGAGAGGGCAGACCAG CCGGAAAGAGAAGAGGGAGGAACCAGAACAGGGAGGGGGAGCGGAAGGA GAAGGCCCCAAGGGGAACAGGAGGAAAGGGAGGGGAGAGGGAAGGAAAA GGGAAAGAAAAAAAAAGGGGAAGGGAGAGAGGGGGGAAAGCCAAGGAGAA AAAAGGAGAGACCAGGAAGGAAAAGAAGGGAAAAGGCAGGAAAAAAGGGG GGAGACGGGAGAAGAAGAAGGAGGGGCGGGGAGATTGGGGAACCGGGAA GGAAAAAAAAGTTACAAGAGAGGGAGGAGCAAACCGGGGCCGGAAGGATC

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 A G G G GAGGGAGGAGAGGGGAAAAGCAGGGAGGAACCCCGGACAGAGGAG AGAGAGAAAGAGGCAGGCCCAAAGGGAGAAGGAGGGGAGCCGGCAAAAAG G G G G G A A A A G G G GCCGGGGAAGGGGAAGGGGGGGGAAACGGGGGGAAAG AGGGCAAGAGAAAAAAAGAAAGGGGAGGAGAGAACCAAAAGAAAGAGGGG GGCCAACGGGGGGGGGGGAGAGAGAAAAGAAGGAGGCCAAGGAAGGAAG GAAGGAAAAGAAGGGGAAAACACAAAAAAAGAGAACCGACCGGAAGGAGA AGAGAGGAAGGGAAAGAAAAAGGCCGGGAGAAGAGAGGGAAGGAAGAGG AAGAGGCAAGAGGGAGGGAGCAAGAATTAAAAAAACAGGGGGAAGGAAAA G GAAAAAAGAAGGAGGGGAGAAGGCCGGAAGGAGACAAAAGGGAAGAAAA G G G G G G CA GAGACCAGGAAAAAGGCCAAAGAGGGAAGGAGGAGGGGAAG G G G ACGGAAAAGGAAGGAGGACCGAGGAGGACAGGAGAGAAGAAAAA $22006000-9$ AA G G G GCCGGGGAGAGAAGGAGGAAAAAGGGGAAAAGGAAGC CCCCAAGGAGAGAAGGAAGGGAAGCCAAAAGGAACCGAGAAGGGGAGAGG AACCAGAGGAGGCCAGAGCCGGGGAAAGCCAAGGAAAGAGAAAAGGAGAG AGACGGGGAAAGAAGGAAAAAAGAAAGGAAAGCCGGGGCCGGAGGAGAAA AAGGAAAAAAACGAACGGACAAAGGGAAGGGGGGAAGGAGAGACAGCCGG GAGGAGAAGGGGGGGGGGGGGGAAGAAGAGGGGATTGGAAGGAAAGAAA AA GAACCGGGAAAGAGGAACCAGAAGGCAGGAAAGAAGAAAGGAAGGGGA AGGGGAAGGAAGGCAAGACAGGGGGGGAGCAGAAGGACCAAAAAAAAAAA GGAGGAGACAACCAGGAAAGGAAGGAACCGGAAACCCGGAGAAGGGGAAG GAAAAGGTTGAAGAAAGGGAAGGAACCGAGGAAAAAACAATCCAGGGCCG GGGAAGAAGCAAGGAGGAAAACAAAAAGAAAGGAGAAGAACGGAAGAGGA AGGAAGGAAAAGGCAGAGGGGCCGGAGGGAAAACCAGAAGAGAACGAACA GACGGCAGGAAAAAAGGAAAAAAGGGGGGGGGGAAGAGAAAAACCGAGAG GAGGAAGCCGGAAGGAAAAGAAGAGAGGAAAGGGAGAGGAGAGAACCAAG GAAAAAAGGGAAAGAAAAAAGGGCACCCCGGAAGGGGGGGAGGAGAGCAA GAAGAAAAAAAAACCGGAAGGGGACAAGGAAAAGGCCGGATGGGGAAGGA GAAAACCAAAAAAAAAAGAAGGAAATAAACCAAAAGGGGGGGCAAGAAGG AGAACCCGAGGAAGGAACCGGGGAAGGGGCCGGAAAAGGCCGGAAAAAAG GAAAAGGAACCGGGGAAAAAAAAAAGGAAGGAAAAGGGGCCAAAAGGGGA AGGAAAAGGGGAAAACCAAGGAAAAAAGGGGCCAAAAGGAACCAAAAAAC CGGAAGGAAGGAAAAAAGGGGGGGGGGAACCGGGGAAGGAAAAAAAAAAA AAAGGTTAATTCCAAGGGGGGAAAACCGGAAAAAAAAAAAAGGGGAAAAG GAAGGCCGGGGAAGGAACCAAAAAACCAAGGGGAAAAAAGGAAGGAAGGA AAAAACCGGCCGGAAAAAAGGGGGGGGAAAAAAAAGGGGGGGGAAGGCCC CAAAAAAAAAAGGGGGGAAAACCCCAACCAAAAGGGGAAAAGGAACCAAG GCCAAGGAAGGAAGGAAGGAAGGCCAAGGGGAAGGAAAAGGAAAGAGAGA GCAAGAGGAAAAGCCGAGAAAAGGAGGGGGGGAAAGGCCAAAGGGAAAAG ACAGAGAGGGGGATAACGGGGGGCCAAGGAAAAGAAAGGAAAAAGAGTAA AGGAAGGGGGGAATTGGCAAAGGGAAAAAAAGGGGAAAACAGGGAGGGG AAAGCCGGAAAAGGGGGGAAAAAAGAGAAGACAAAAAGGGAAGAAACCGG A GAA $\operatorname{A} A C C G G G G G G A A C G A G C C G G C C G A G G C G A C G G A G C A A G A A G G C C G ~$ GCCAAAAAAAACCAGCAGAAAGGGGGGGGGAAAGGAAAAAGGGGACCAGG GGGGGATAAGGGGGGGAGAGGAAGGAAAAAGAAAACCAAGGAATTGAGG GAAGGGAGAGAAGGAAGGAGAAGGAGAAGGGGGGGGGGAGAAGGAAAAA AGGCAAAAAAAAACCGGCCAAGGGAAAGGGGGGGGAAGGGGGGCCGGGG G GAAGGGAAAAAGAGACCCCGGGAGGGGAGCCGGGGACGAAAGAAGAGA GGGGGTAAGGGCAAGACAAGGAAGGAACCCAGGAGAGAGCCGAAGGGGG GGAAAAGAACAGGGAGAGAAGAGGAAAACCAAGGGGCCCCAAAAAAGAAA GAGGTTAAGAAGAGCCGGGGAACCAAAAAAGGCCAAAAAAGGGGGGGGGG GGAAAAGGAGAAAAACGGGGAAAAAACCAGGGGGGGGGGGAGGAAAGGG GAAAAGAGGACAACCAACCCAAAAAAAAAAAAAGGCCGGGGGGGGGGAAG GAACAGAACAAGAGGGAAGGAGAAGGGGGGGACGAGGAGGGGGGAAGAA

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 GAAAAGGGGAAGGAAGGAAAAAAAAGGGGGGAAGGAACCAAAAAAAACCA ACCGGAAAAAAAAGGGGAAAAAAAAAAAAGGGGAAAAGGAAAAGGAAAAG GGGAAGGAAGGAAAAAAAAGGAAGGAAAGGAGAGAAAAAAAAAGGAGAGA GGAGGAAGGAGCAAGAGGAGGAAACCAGGGAGGAAGGGGGGAAAAGGAT AAAGCCGAGGATAAGGACCGTAGGGGAAGGGAGAAAAGAGAGGGGAGGG GGGAGAAGACAGGACCAAAGAGGGAGAGGGAAAGGAAGGAAAAGGGGAAT TGGAAGGCCGGGGAAGGGGGCGGCAGAGGGGAGAAGAAAGGAACCGGAA AAAAAAAAAAGGGGAAAACCAAACGGAAAAGGGGAAAAGGAAAAAAAACC G GAA $\operatorname{lng} \operatorname{GGGGAAAAAAAAGGGGAAGGAAAAGGGGGGAAGGGGAAAAGGA}$ AAACCAACCGGAAAAGGAAGGAAAAAAAAGGAAGGCCGGAAAAAAGGAAG GGGAAGGGGAAGGTTCCAAGGTTAAAACCGGGGAAGGGGAAAAGGAAAAG GAAGGCCCCAAAGAGACGGAAAACAGGGGGGAACCGGAGGGGGGGAGGG G GAACA G G G G G G G G G G A CAA G GAAGGGGGAAAAAGAAAGGCCGAGGAAA AAGAGAGAAAAAAAGCCAACCAAGGAGGGCCCCGGAGAAAAAACAGAGGA GAAAAGGAAAACCAAGGGGGGAAGGTTCCAAAAGGCCCCAAGGAAGGCCG G G G G G ACCCAACCGGAAGGAAAGAAGGAAAAGGAAGGGGGGGGAAAAGG AAGGAACCGGGAGGCAGGAAAAGAGAGGGGAGCAGAGGAAGGGGAAAAAA AAAGGAACAGAGGGGGGGGAGGAAAACCGGCCAAAGCAAGGGGGGGCCG GGCATAAGGGGCAGGAAAAGAAGGAAGGACAGAGAGAGGAAAAGGAAGGG AAGACAAACCAAAACCAGAAGGGGGCCGGGGGGAACCGGGAAGGGGGAGA GGGCAGGGGGAAGACAGAACAAGAAAAGGACGGCCGAAAGGAAAACCGGA AGGAAGGGGAAAAGGAAAAACAGCAGAACAGGGGAGGGGGACCAAGGAAA G G GAA G GAGGGGAGGCCAGAGAAGGACGAGGAAGGGGGGAGCAGGGGGA G GCCAGACGGCCAGGGAAGGGGAAAAGGGAGGGGCCGGACAGCCAAGAG AAACCGAGACAGGGACCACGGAAGGCAGGCAGGGGAAACAGGGAGCAACG GGGAGGGGGAGGAAGAGAGAGGGAACCGGGGGAAAGGAAAAAAGGGCAA AAAAAAAGAAAGGAAAGGAGGGGGCCTTGGGGAAGAGGGGAGGGAACCAA AAAGTACAAAGGGGCACACCCCCCAAAAGACCGGGGAACCAAGGGGGAAA AA G GAGAGCCAAAACCGGGGGGGGAACCCCGGAAGAGACCAAAAGGGAGA AAAAGGAACCGAAAGAAGAAAAGAAGGAGAAGAGGAAGGGAGGGAGGAAC A GAACCGAGGAGGAAGAGGGGAGGAAGGGGCACCAGAGGAAGGAGGAGG CAAAGAGAACCGGGGCAAGGGGGAGAGAAGGAAGGGGGGAGGGAAGGGG CCCAAAAAAAAAAAAAAGAACCGGAGAAACACAGGAATAGGAGAGAGGGA AAAAAAAAAAGAGGCCGGAAAAAAGGACCAAGGAGGACGGGGGGAAAGGG GGAAGGAAAACCCCGGAAAACCGGGGGGAGGAGGAAAAGGACGGAAGGG GAAAAGGAAGGGGAGAAAAGGCCAGGACAGAGAAGACGAGAGGAAGAACG

G G G G G G GCCGGGGAGAGAAGGGGCCGGCCGGCACCGGGGGGCCAAGGAA G GAAAAAGCAGAGAGGAAGGAGAAAAAAAAAGCCGGAGACAGGAGGAAAG G G G GAGAGGAAAAGAGAACGGGGGGAGGGGGGCCAAAGGGAACCATAAA ATTGGGGTTAAAAGGAAAAAAGGGGGGGGGGGGGGGGAAGGAGAAAAAA AA $\operatorname{A}$ GAGGGCCGGGGGGAAAAGGGGAGCGCCCCGGAAGGAAAAGGAAGGA G G GCCGAAACAGGGGAAAAGGGGAAGGCCGGGGAAAAAGAACAGGGCCAG
 A G A G A A GAGAGAGGAGAGAAAAGAGGAGGGGAGAAGAAAAGAGGGGGAG GACGGCCAGAGACAGGGCCGGAGAAGGAAGGAAGGAAGGAAGGCCGGGG AAAAGGAAGGAAGGAAAAAAAAAAGGCCTTCCCCAAAAGGAAGGGGAACC AAAAGGATAAGGGGAAGGAAAAAAAAAAAAAAGAGGAAAGAAAAGGGGGA AAGGAAAAAAAAGGCAGGGAAGAGCCGGAACCGAAGAAAAAAAACCAAAA ACACAAAAAAAAAAGAAGGGAAGGGGAGAGGGGGAGAGAAGGAGGGGGA GACGGGGGGGAAGAGCGACGGAAAAGAAGAAAAGAGGGAAAAAGGGGAAA AAAGGGACAGGAAAAAGAGAAAGAGGGGGAAAAAAGAAAAAGGCGGCAAG GAAGAGGGGAAAAGGAAAAAGGGGGAAAAAAAAAAGGGGAAGGAAAAGGG GAAAACCGGGGAACCGGGGTTAAGGAAGGAAAAGGGGGGAAGGAAGGAA G G G G G GAAAAGGCCAACCAAAAAAAAAAAAGGAACCCCAAACAGAAAGAG AGAAAGGGGGAGAAGGCAGAAAAAGGGGGAAGGGGGGAAGGACCGGGGG GGGGGAGAAGGAGCGGGAGACGGGGGAGAGGGAAAGGAAAGGAATGGAG CAGAAAGGAAGGGGGGCAGGCCCAAACCAAAAGGAAAAAAACAAGGAAGG
 AA G GAAAGGAAGGCCAAGGCCCCGGGGAGGGAAAAGGAAAAAAGGAACCA AAAAAAGAGCAGAAAAGGGAGAGGGAAAGGAAAAAAAGGCCCAGGGGGAG A G G G GAA G G G GAGGGGGACAGAAGAAGAGAGAGAAGGGGAACCTTGGAC CCGGAACCAAAAAAAAGGGAGATAGGGAAAGAGGAGGGAAGAGGGGAGAA AAAAAGGGCCGGGGAGGGCAGACCGGGGGGAGGGAAGGAAAAAAACAGG GAAGACAAGGGAACGGGGGAAAGGGAGTTAAAAAAGGGGAAGGAAAACCA AAAAAAAGGAAAGAAAAAAGAGGACGCCCGGAAGGAAAAGGGAAGCCGGG GAAATAGAGAACCGGGAAGCCCCGAGGGGACGAAAGAGGGAAACACAAGA AGACAGGGAAGAAGATAAAAAAAAGGCAACCAGAGCCGACCAAAAGGCCA AAGGGCCAAGGGGGACAGGAAAAGGGAAGAAAGACAAAAGAAGAACCCCC CGGCCCCACAGCAGGAAAAAAGGTTGAGGGGCCGGCAGAAGGAAAGACAG G G G AAAAGAAAGAAGGAAGGGTTGGAAGAAACCAAGGAGAAAAGGAAGAA G GAGGGAGAAAAGGAGGAGAACCGGAGGAAAGGGGAGAACCAAAAGGGG GGAGAAGAACCCAGAAAGCGAAGAAAGAGGGGAAAGAAAAAAAAAAGGGA AAAAAAGGGAGAAAAAAAGAAAGAAAGGGAAAGAGAAGAGGGGGGAAGAA G GACGAGGGGGGAAGGACAGAAGGAAACCCGGAGAAGGAAAACAAAGGAA CCGGGGGGGGAGTTGGACGGAAGAGGGAGGGAGAAAGGAGAAAAAAAAC AAAAGCCCCGGAAGGGGCCGGAAGGACGGAAGAGGGGCAAAAGAAGGCCA AA $\operatorname{la} A \operatorname{AGGAACAGAAGGAAAGACAGGCAGGGGAAAGAACCGGAGGGGGACA}$ AGGGGAAAAGGCCAAGGCCAAGGGGAAGGAACCTAGGGGCCAGGGGGAG AAAGAGGGAAGGAAAAAGGGACGGAAGGAGGGGAAAGGTAAGGAAAGAG GAGCAGAAGGGAAAAAAGAGAAGAAGGAGGGAGGACAGAAGAAAGGAGGA AGGAAGGAGGGAGGAGGGAGGACAGGGCAAGGAGAGAGGGGCCGACAGG ACGGGAAGGAGAGGAAAAAGAGTTAAAGACGAGAGAGAAAAGCCAAGGAA CCAAAGCAGAAGGGGGCCGAGGACTTACGGGAGGAGAAAAGACCCCGGGG AAAAGGAAAAGAAAAGAAAGAGATGGAGAAGGAGCAGGCACCGGAAGACC AAAAGGAAAGAAAGGGAGCCTTGGGAAGGAACGGAGAAGGGGGGAAGAAG G GAGGACAAAGGGGGGAAGAAAAAGAGGAAAACCGGAAAAGGGGAAAAAA CCACGAGGAGGGAGGGGGAAGGGGGGGAAGGAGGAGGGGGAAGACCAAG AACAAACAGGAAGAAGAAGAAGACCGGAAGAAACACAGGAAAAGGAAAGA AGGGGAGAAAAAAAAGGAACCAAGGAAAAGGGGAAGGAGAAGGGAAGAGA AAGCCAAAGGGGGAAAACCGGGGAAGAGAAACCAACCGGGGAAGGTTCAC CCCAAGGAAAAAAGGGGAAAGGGGAGAAGTACAGAAGAAGGGGAGGAAAG GAAGGAAAAAACCGGAAAAGGAAGGAAGGAAGGAAAGAAAGGGGGGGGG GGGAGGGAAGGAAGCAAAAAGAAGGGGGAAGAGGGAGGGAAAGGGGGGA G G G GAGGAAGGGGGGGGAAGGGAAAGAAGAGAGAAAAGAAGAGGGAGAG GGGAAAAAGGGAAGGGAGGGGGAAGGAAATGGAGGGAAGGAAGAAAAAG AAGCCAAAAGGGGCCAAAAGGAACCAGCAGATTAAAAAAATTACCGGAAA AGGGGAAGGAGAAGAAGGGAACGAGTAACAGAGACAGTACCGGAACAAGA

GAGAAGAAAGAGGGACCGAAAGACCAAGAGAACGAAGGGAGGGAGAACCA GCAAAAAAGGGAAAAAAGAAAAGAGGGGGAACCGGGGAGCGAAAAAGAAC CAAGGGGGGGGGGAAAAGGGGAAAAGGAAAAGGGGGGGGAAGGAAGGAA CCAAGGGGAAAAGGTTAAGGCCAACCAAAAAAAAAAGGAAAAGGGGAAAA AAAACCGGGGGGGGAAAAAAGGGGAAAAGGAAAAGGGGCCAAGGAAAAAA TTAACCAACCGGGGAAAAAAGGAAGGGAAAGGAAAAGGAAGAGGAAAGCC AA G GAAGGGGAGGCAAGGAAAACCAGGGGGAAACGGGGAGAACCGGGAG GAAAAAGAGGGGAAAGGGAGGGGAAGGGGGGGGGGGGAGAAGGTAAAGG AA G G G GAAAACCAAGGGGCCGGTTGGAGGGACGGGGAACCAACCAAAAAA AAAACCCCTAAGAATTGAGAAAAGCAGACAAGGAAGAGAGCACAGAAAGA AGAGGGAGGGAGAAAGGAAGGAAAAACCGAAAGGAAGGAAAGACGGAAAA GGAAGAAACAGGAAAACCAAGGGGGGAAAGGAAGGGGGGGAAGGGGCCA AGGATGGAAAAAAGACCAGAGAGGGCAGGAAGACAAACAAAGGGGGGGGA AAAGGAAAACCAACCGGTTAGAAAGCAGGGAAAAAGGAACCAAAAAGGGG GAAAAAAGGAGAAGGGGAAGGGAGGGGCCGGGGGAGGGAGACCACACAA AATTGGAAGGAAAAGGAAAAGGAAAGAGGAGCAGAGGGAGAGAGCCGGGG AGAGAGCACAGGGAGGAGAGAAAGCCCAGGGAGAGGAGGGAAACAAGAGG AGACAAAAAGCACCAAAACCGGGGCCGGACCAGACCGGAGCCGGAGGGGA AGACGAAGCCAGGGAGAGGGGGGAGGGAGGCGGAAGGGGAGGAGCCAGG AAACCAGTAGAACGGCCGGGGGGGGAAGGAAAGGGAGAGAGAAAAGGCAA AAAAAAAAAAAAGAGCAAAGAAGACAGAGGAGGGGAGGGGGAAGGCCAGG GGGAAAAAAGGCCAAAAAAGGCCAAGGCCAAGGCCAGGGGGAGAAAGGAG GAGGGAAGCGGGGAGAAAAAAGAAACCAAAAGGGGCCGGAGAAGGAAAAA TGAGAAACCGGGAGATAGAAAAGAAAAGAGAAAAAGAAAACCAAAAAAAA GGAGGAAGAAGGAACCCGAGGGACAAGCCAAGGGACAACAGAAAGCCGGC AAAGAGGCCAAGAAGACAGCAGAAAGGACAGCCAAAAGGCCGGAAGGGGG GAAGGGGAAGGAGGAAGCAAAGGAGGAAAGACAAAAACCAAGGAAAGACG GAGCCAGAGGGAGAGAAGGCCGGGGAAAGAACCAAAAAAACGAAAAAGAA AAGGGGGCCGGAAAACAGGAAGGGGAATTGAAAAACCCCGGCCAGGAGAG AACAAAAGGAAAAAGGAAAAAAAAAGAAGAGTTGAAAAAGGAAAAAGGGG GGAAGAGCAGGCCGGAAAAGGGGGGGGGACCGGAAAAGGCCGGTTAGGG GGCCGGAAGGGAAAGGGGAAAGAGAGGGAGGAGAGGAAAGGGGAGGGAG AAAGGGAAAGGGAAAAAGAAAAAGAAGGGAGAAAACCTTGAGAACGGAAA AAAAAAAAAGGGGCCCCGGTTGGAACAAAAAGGGGCCAGAGGAGAGGAGC GGCAGGAGGGGGGGGAAGAAGGACCAAAATTAAGAAGAAGAGGAAAGGG GAGGAGAAAGGAATGGGAAAAAGGAAAACCGGGGGGAAGGGGGGGGAAC CGGGGAACCAAGGCCAAAACCAACCAAGGGGCCAGAAAAAAAAAAGGGGA AGGGGAAGGGGAACCGGAAGGAAGGAAAAAAAAAAGGAAGGAAGGGGAAA AGGGGAAAAGGAAGGGGCCAAAAGGAAGGAAAATTGGGGGGAAGGAAAAA AACGACACCAAGGGGGACCAGAACCAATTAAAACCGGAAAGAAGAGGAAC A GAGAAAAGAGAGGGAGCAGGGGGAAAGGAAAAGGAAGGGAAAAAGGGG AGGGGAGAGAGGGAAACCAAGGGGAGAACACCGGAGACGGGAAAAAGGG GGGGGGAGACAGGAAAAGGAAGGCAAGAAAGCCGGGGAGTTAAGGAAGG AGGGGGAAGGGAGGGAAAGGCCAAGGGGGGGGAAAAGAAGGAGGAGGCG GCAAGAGGGAGAGCCAAAAAGGGAAGAGGGGGGAAGACGGACAAGGGAA GAAGGGAAAAGAACGGAAAAGGAGCAGGAAGGAACCGGGGCCAGGGCAAA GGGGAAGGGGAAAGGAAGAGGGAAAGCACCAAGGGCAGGGCAAGAGAAG GGGGGAAAACCCCAAAAAAAAGGGGACAAGGTAGAAGGGAATAAGATCCG GAAGGGGGGAAAGACGGAAGGGGGAAGGGGAGAGGGGAAAAAGAGACGG GAGGGGAAGAGAGGAAAAAAAGGGAACAGAAAATGGAGGAAAGGAAGGAA GGAGAAAAAAAAGGGGAGCGAGCCTTGAGGGGGGGGAGAAGGGAGACCG GAAGGCCGGAACCGGGGAAGGAAGAAAGAGGCCGGGAACGAGAAAAAGGC AATCCAAGGAACGAAACGGAGAGGAACAGGAGGGGCCAAAGAAGGGGCAG AAAGAAACCTTAAGGAAGGAAGGGGGGGGGGGGAAGGGAACAAAAGGAAG AAACCCCGAAAGGGGAAAAAGAGAACAAAAAAAGGGACAGAGAACCAGGG AAAGGGGAACCAAGGAAGGGGGGGGAAAAGGGGGGAAAAAAGGAAAAGG AACCAAGGAACCGGAAGGCCAACCAAGGAAGGGGCCGGCCAACCAAAAAA GGCCGGGGGGGGAACCAAGGCCAAGGCCAAAAGGAAAAGGCCAAAAGGAA AAACGGAGAGAAAAGGAGAGGGAAGGAAAAGGCAAGGGGAGAGGAGAGG GAGGGGAGGAAAGACGACCGGAGGGGGAGAACCGAGGGGGAGAGGGCAG GGAAAGAGAAAAAGGAAAAAGGGGAGAAGAACCCCCGGAACAAAAAAGGG

AAGAGGAGAAGGAAGGAGAGGAGGAACCAGGACCAGAGGGGAGAAGAGAA AA G GAAAAGGGGAAAAAAGGGGGGGGCCAAGGAAGGGGGGGAAAGGAGA GGAAGAAGAGGAAAAAAAAGGGGAAAAAAAAAAACCCAAGGGGGAGGAGA GAAAAGGCCAAGGGGGAGGGGAAGAAAGGGGGGAAGGAGGGAAAAAGAA GACCGAAAGAAAAAAGCCAGGAAAAGGGACGGAGGAAAAGAAGGAAGACC G G G G G G G A G A A A G GA GACAA GAGGACAAGGGGAGGAGAGAGAGGCCGGA GCGGAGGAGAGGGAGCCGGGAGGGGGAGGGGAGGGGGGGAAGGGGGGAA GGGGAAAAGAAAAAGAGACCAAAAAGCAGGAAGGCGGACCAAAGGAGAGG AAGGCCGAGAACAAAGAGGACCAGACGGGGGGGGGGCCAGGGAGCCAGAA G G G A G G CCGGGGGGAAGGAAAAGGTTGGAAGGAAGGAAAGAAAAAGAAAA GGGGCCACAGAAGGAGGAAGGGGGCAGGAAACGACAGAAGAAAGGGGGG AGAAGGAGGAGAAGGAGGGAAAAAGAGAGAAGGGGCAGGGAGGAAAAGG G GAGGGGAAGGACAAGGCGGAAGGAGAGGGAGGGAGAGCCAGAGAAGGA GAAGGCCAGATGGGACCAAAAAAGAAGGAAAGGGAAGAAGGAAAAGGGAG AAACCGAAAAGAGAGGGAGAACAGAAAGAGGGGGAAGGGGGGGGGCCGG CCCCGAGAAAAGAAAAAGCAGGGGAGAAGAAAGAGGGGAGGACCGGGAAA G G G GAA GAAAACAAGAAGGAGAGAAACAAAAAAACCGGAAGGAAGGAGGG G G A G G G G G G G G GAGGGAAAGCGGGGGCCAAAAACAAAGAAAGCAGAGGG AAAAGGACCAAGGCCAAAAAAAAACAAAAAACAAAGAGGAAGAGGGGGGA AAAGGAAAAAAGGGGGAAACCAAAAAAGGCCGGCCAGAAAAAAGGAAAAA AAAGGAAGGGGGGCCAAGGAAAAGGAACCAAGAGAGGAGGAAAAAGGACG A GAAAGAAAAAAGTAGGGGGGCCCCGGGAGAGGAGGGAAGGAGAGACGG GAAAAAAGGGGGAAAGGACAGGAAGGAGGGGAAAAGGGCAGAAGAGGGA AGAAAAAAAAGAAAGGAGAGGGGGGACGGAGAGACAGCAGGAAAAGAAAG GAACCAAGAAAGGAGAGCAGGGGGACAGACCACGGAAAGGGGGGAGAAAC CTTAAAGCCAAGGGGAGACAAGGAAGAAAAGGAGGGAGGGGAAAAAGGGA A G GAA $A$ A G G G G GAA G GACAAGAGCAGGGGGGGGGGGGGAAGAGGGAATA GGGGAGGAAACCAAAGGGAACCAAAAAACCGGGGAAGAAAAAAAAAGGAA AAAAGGAAAAACGAGAAAAGCAGGCAAAGAGGAGAGGAGGAAAGAAGAGA GAAAGGCAGGGGAAGAGAGAGAAGAGATAGAAAAAAAGGAAAGGAGAGGG ATGACCAACCGGCCAAAAAAGGGGGGGGAAAAAAAAGGGGAAGGAAGGCC CCAAAACCAAAAGGGGAAGGAAAAAAGGAAAAAAAAGGAAGGAAAAGGAA AAAAAACCGGGGCCGGAAAACCAAAAGGCCCCCCAACCGGGGAAAAAAAA G G G G G G C CAAAAAA G GAA G GAAAAGGAAGGAAGGCCGGGAGGAGGGGGA G G G G G A A G GCAAAAAAGAAAAAGAAGGGAGGGAAGAGAAAAAAAGGAGAA GACCCAAAGAAAGAGAAAGCGGAGGGGGGCCAGGAAAGGGGCGAAAAGGA ACCGGAGGGGGGGAAAAAGAGACGGGAGGAAAAGACAGAAGCAAAAGAAA A GA $\operatorname{l}$ GAAAGGGAGGGGGAGGAGGAGGGGAGAAAGGCCAAAGGAGGGAGG G GAA $\operatorname{l}$ GGGGAGGGGAGAAGGGGAAAAGAGGAGAAAGGAAGGAAGCCAGA GGGAAAAAAAAAGAAGAGAAGGACAAGGGAAGGGGGGGGGGAGGGGGGGG G GATGAGGAAGAAGGGGGGGGGAACCAAAAGGAAGCAGGGACGGCCGAA GAGAGGGGGAAGAGAAGGGCCAACCCCAGAAGGCGCAGGGAAAAACACCA AGGGGGGAAAATTGGAAGGAAGGAGGAAGAGGGAAGGGGGGACAAAAGG A GCAAGAGGGAGGAGGGGGGAGAGAGGAAAAGACGGGGGACAAGCAAGG GGGGAAGGAGGAAGGAAGGGGAGGACCAGCAGGGAAAGGAGGAGGAGGG GGGGGGTTAAGGAAAACCAAAAAAGGGGAAAGGGGAGGGAAGCAAAAAGG AAAAAGAAAGAAAGAAACATAATTGGCAAGAAAAAAAGAAGAAAAAGGAG GGGGAGAGAAAAAAGGGGGGGGAGAACCAAGAAGCAGGGGCCAGAACCG GGGTTAAAGGGAAAACCAAGACCAGGGGGAAAAAAAGAAAGGAGACAAGA AAGAAAGAAAAGGCCCCAACCAAAAGGAAGGAAAAGGAAGAAAAGAAGGG AA GCACAGGGGAATTAACCGAACGGGACCAGGAGAAAGGGGCAGGAGCAA GGAA GCCAGAGGGGAAAACAACCGGGGGGGGAAAGGAAAAGGGGGGGAA G G AAAAATGGGGGGAAAGGAAGAGGGAGGAAAAGAAAAGGAAAAGGGGCC CCAACCAAAAGGAGAAAGAGGGAAGGGAAAAAAAAAGGAACCGGAAAACC CCAAACAGGGAAAAAAAAAAGGAAAACCGGGGAGAAGAAGGCGGACGGAA AACCGGGGGGAAAAGGGAAAAAGGGGAAAAGGGGGAGGAAGAGGAAGGA GAGGAACAGGGAAAAAAGGAAGGCCGGAAGGAAGGGAAGGGGGAAGAAA GGATAAAAAGAGCCAGAGGGAAGGGGAAGAGAAAAGCCGGGAAGGAGGAA AGCGGGAAAACCCCAAGGGGGAAGAGGGGGAAGGGGGGGGACGAAAAAG AAAGGGGAAGAAGAAAAAAAAGGCCGGGGAACCGGGGGGAAGGAAGGGAC CGCCAAGAGCAGAGGAACAAGAAGAGGAGGGGGAAGGAAAAGGAAGAAAA

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G G A A G GCGGGGGAAGGGGAGGAAGGAGGGCCAGGGAGAAGAGGAACCAA GGAGCCGGGGGGCAAACAAAAGAGACGAAGGGAATAAAACAACAAAAGCA GGGAAAAGGGCCAGGACACAACGAGAAAAGAGAGGAAAAAACACACAAAA AAGGAAAAGGAAGGGGGAAAGGAGGGAAAACCAAAACAGGCCAGGAAAAC AAGGACCAAGGAAGACGGAAAAAAAAAGAAGGCCGGGAACAAGGAAAACC
 AAAAGTTCCAAAAGGGGACAAACGGGGAGAAAAGGGGAAAAGAGGAGGAA AAGCCAGAAAAAGAAGAAAAGCACCAGAAGGGGAAATAAAACAAGCCAGA AGGAGCCAAGGGGCCAATAGGGAGACCAAAAAGACGGGGAAAAAACCGGA AAA $\operatorname{lng} \operatorname{GGGAAAAAGGGGACAAAAGGGGAAGGAAAAGAGAGGAAGGGGGG}$ AAGAAACAAGGGGGGGAGGAGAAAGGGGAAAGCCAAAACCAAACAAACCC GGCCGAGGAAAAGGAAGGGAGAGGGGCCAAAAAGAAGGAGAACAAAAAAA GGGGAGGGGGAATTAGAAAAAAGGAGAACCGGGGAAAGAGCCCCGGAAAA AAAAGAACAGGGGGAAGAAGAGCCGGGGGACAAGGAACAAGGAAAGGGGA AGGGGGCGCAGAAAGGAAAAGGGGAGAAGGGGAAAACCAGGGAAAAAAAA AGCAAGTAGACCACGGGGAAGGACGACAAGCCAACCAGGAGGAGAGGGAG GACCGACACAGAGAATAGAGCAGAGGGGAAAAGAAAGAGAAGCAAAAGAA AAAAGACCAGGGGGAATTAGAGAAAGAGACAACCCCGGAGCCAGAAGGTA GGGGAAAAAGGGGCAGAGAGAAGAGAGGAGGAAAAGAGAAGGAAGGGGG AAAAAAGGGAAAAAAGGGGCGAAAAAAAGGAGGGGGAAAGAAGAAAAAAA AAAAAAAGAGACCGGAAAAGGGGAAGGAGGGAAGGGGAAGGGGCCAAGG G G G GAAAAAAGGGGAACCAAAAGGAGAAGGAGGAAAAAAGGAGGAGAGAA ACAGAAGGATAAGGGGAAAAAGGGGGGGAAAGAGAAACCAACAGAAGGAG AACCGGGGGGAGGAAACCGGGGAAAGGAGGGGACGGAAAAAGAGAAAAGA GAAAAAAGAAGGGGGGGGGGAAGGGGAAGACAGGAAAAGGAGCAGGGGG AGGAAAAGGAGGGAAAAAACAGGAAAGAACCGAGGGAAATTAAAGAAGGA AGGAAAAGGGAAAGGGGAGATAGAATAGGGGAGAGAACCAAAAGGCAGGG GAAAAAAGGGGAACCGGGGGGAAGGAAGGGGAAGGGAAACGAACCGAAAA AAAAACCACCCAGAAGGGGAAGGGGATGAAAAACAGGAGCCGGGGCAGGA GGGAACGGAAGGGGGAGCAACGGAAAAGGAGACGAAGAAGGAAAAAAAAA AAGAACCGAAGAAGGAAAGAGGAAAGAGGGGAAGGGGAGGCGGAAAACCG A G GCGAGGAAGGACCAGGGAAGGGAGGGGGGCAGGCACGGAGAGAGGAG ACAAGGAAACCAGAGGGAGGAAACGGAACCGGCCCCGGGGGGAAGGGGCC CCCCGGGGAAGGAAGGAACCAAAAGGAAAAGGGAGGAGAGAAAAGGAAGG GGAGGAGAGATTGGAGGGGAAAGGGACGGACAAGAGCAGAAGGAGGAAG AGGCAGAAGAGGGAAGGAGAGGGGAGGAAGAAGGGAAGGAAGGGAGAAA CCGAGAGGGGGGGGACAGAAGGAGAAGAAGGGGGGGGAAGGAAAAACCG G G G GA $\ln$ A $\ln$ GAGGGGAGGAAAGGAAGGAAGGACAAGGGGAAAAAAGGAA G GAAAGGAAGAGGGAAAAAGAGAGACGGAAAGGAGGAGAAGGGGGGGGC A GAAAGACCAGGGAAAGAAAGACAGAGAAGAGGTTAAGGGGGGAAGGCCA GAGGAAAAGCCGGGAGACCCCGGAACCGGGGAAAAGGGGAAGGAAGAAGA C G G G A CAA $\operatorname{lng} \operatorname{GGGGAGGAGCCAAAAGAGAAAAAGAGAAACAAAGGGGGGG}$ GCAAAGGGGGGGGAAAAAAGGCCGAAACCTTGGGGCAGGGAAAGGGCGG CCAAAAGGCCAAAACCGAGGCCGGGGGGAAACGGAAGGAAGGGAGGAATA CCAAAGCCCAAGGGGGGGCCGGAGAGGGGGAGAGAACAGAACAAGGGGG GAGGAAGACAAGGAAAAGGAAGAAGCACAAAGAGGAGAAAAAAAAGGAAA CGGGGAAGGAAAACCGGGGGGAAAACCGGAAAAAAAAGGAAAAGGGGAAG GGGAAAAAAAAAAGGAAAAAAAAAAGGAAAAGGGGGGAAGGAAAAGGGGG G G GAACCAAAAAAAAAAGGGGAAGGCCGGAAAACCAAAAGGGGAAGGAAG G G GAATTGGGGCCGGCCGGCCAAGACAGAAAAATACACAAACCGAAGAGG A G GAAAAGGGGCCAAGGAAGGGGAGAGGGGGCCCCGGCCGGAAAAGACA GAAAACGAACCACAAAAGGGCCCCGAGGCCGGGGACAGAAAAGGAGAAAA CCGGGAAAGGAGGAGGGGGGGACAGGGAGGGGGAGGGGAAGAAGAGCCA GCCGGAAGGAAAAGGAAAAAAGGCCCCAAGAGAGGGGGGACCAGGAGCCG GGGAGGGAAGGAAGGGAGAGGAAAACCGGAAAGAGGGACCAAGGGAAAG GACAACCCAAGAGAGGAAAGGGAGGGGAGGGGGGCCGGGGAACAAAGGA ACCGGCGCCAGGGAAAAAAGGGGACGGGAGGGGGGCAGGAAGGAAGGGG AA G GCAAAAAGAGGCCAGAACCAGGGCAGGAACACCAACCAAGGCAAAAA AA $\operatorname{l} A \operatorname{AGGGGGAGAGGGAGGACAGGCAACACGAAAAAGGGGCCGGGGCCA}$ GAACAAAGACCAAAGGAGGAGGAGGACGAGAGGAAAGGAAAGAGGAAAGC GAAAAGGGGGAAATAGGAAGGAAAATTCATAAAGAAGAAGAGGAGGGCAG

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 TTACGGAAGGAAGGAAGGCCCCAAGGGGGGGGGGCCAACCAAGGAGGGA G GA $\operatorname{l}$ GAA $\ln$ GCCGGGGGAAAAAAAAAGAGGGGAAAAAGAAGGAAAATTGGC AAAGAAAGGAAAAGGCAGAAAAGAAGGGAGGAGACAGGGGAGAGGCCAAG AAGAAAGAACCGGACGAAAGGCCAACCGGGGAAGGGGCCGAAGGAGGGGG GAACCGGGGAGAAGGGGAAAAGGGGAAGGAAGACCGGGGAAGGGGGGGA AA $\operatorname{A}$ GAAAGGGGGAAGGACGGGGAAGAGAGGGAAGGGGGGGAGAGGAGGA G G G G G G G G G G A T TAA $A$ GAACCGGAAGGCCGGGGACGGGAGGGAAGGGGG AAAAGGACGGAAAAGGACAGAAGGAAGAGAACAAGGCACCGAAAAGGGAG GGCAGGAGGAGGACAGCAAGGAAGGGAGAAAAAGCAGGAACAAAAACCAG A G G G G G G G CCAAAGAGAGGAGGGGGGAAAAAAGGGGAAGGAGAAAGGGG GAGAGGGGGAAGGAAGGGAAGGGAAGGAGAAGGAGGGAAAAAGCGAAAA AAAGGAGGGAGAGGCAGGAAGAATCCGAGAGGAGGAGAAGAGGGAGAAG AA $\ln A \operatorname{GGGAA} \operatorname{GAGGGGCCAAAAAAGGGGAAGGGAGCCAAGAAAGAGGGAAA}$ G GAAGAGAGGGAAAAAACAAAGAAAGGAAGAAGAGGGCAGATAAACCGAA AA GCATTACAGCCGACAAAGGAGAAAAGGGAGGAACCGGTAAGGGGGGAG AAAAAGACCGAGGGAAGCAGGAAAGAGAAAGGAGGGGAGAAGAGAGAGGG G GAA G G G GAAA GACAGGGGAGGGAAAAAAAGCCGAGGGGGAAAAAAGAAA AAA $\operatorname{l}$ GAAGGGGGGCCAAGGAAAAGGGGAGGGAGAAGGGGGGGGGGGGGG G GAA GAA G GAAAAGGGACGGCCGAAGAAGGCCAACCGGGGAAAGAAGGGG AAAGGGAACAAACAAGAGGAGAAGAGGGAAGGAGGGGGAGCCAGAGGAGA AGGGAGGGCACCGGGGGGAGAAGGAAAAAAGGCAAACCGGGAAACCAGAG GCGGGGAAGAGGGGGAAGGAGGGGGAAAGGCCCCCCGGGGGGAAAAAAA AGGGGAACCAGGACGAAAGGAGAGGAAAAGGCCAACAGGGGCAAAAAGGG GAAGGGGAAACAGAAAGGGAGGGGGCCGACAGAAGGAAGCCAAAAAAAAG G G G GAA $\operatorname{A} A \mathrm{~A} C \mathrm{C}$ GGGGAAGGGGGGGGAGGGAGAGGGAAGGGGGGGGCCGG G G A A G G G G G G G G G G G GAGGAAAGGAGAGGAGGAAAGGAAAAGATAAAAA G G GAGGGGAAAGAAGGGAGGGGAGGCCGACCCCAAAAAAGGGGAAACAGA G G G GAAAAAAGGACCGGCGGAAGGAAAGAAAAAAGGGAACCGGCACCAGG AAAAGAAGGAAGGGACCAGACAGGAGGCAGAGAGGGGAAAAAAGAGGAAA AGGAAGGGGGAACGACAGGCCGAAAGGGAAAGGGGCACCAAAAAACAGGG G G G G G G A G A T A A G GAGGGGGGGGAAGGGGGAAAGGAAGGGGAGGAGGAG AAAAAGAAAAAAAAAAAAGGGGGGGGAAGGAAGGAAAAAAGGGGGGCCAA G G G G G G G GAAAAAAGGAAAAGGAAAAAAAAAACCGGGGGGGGGGGGCCA A G G CCACAAGGGGAAGGAAAAAAGGAAGGGGGGGGAAGGGGAAGGAAAA AAAAAACCTTGGGGAGAAAGATAAGGAGCCAGGGGGCCAGGAAAAGGGAA G G G G G G G G G G G G G GAA $\ln$ GAAGGGAGAACGGAGGGAGGAAGAGGGGAAAG GGAGGAAAGAAGGAAGGAAAACCAAACGGAAACAAGGGGGGAGAGCCAAA AAAAAAAAGAGACGGGGGGAAGAGAAGAAAAGGAAGGAAGGGGGGGGGG CAGGTTACGGGGGGAAAGGGGAAAAAAACAAGGGGGGAGGGGAAAAAGAA GGCCGGCCGAAAGAAGAAGGAAGGAACATAGGGGATGAAAGAAGGGGGAG AAAAAAACAGAAGGAAGAGAGGGGAGAAAACAAAAAAAAAAGGAAAGGAA CAAGGAGGAACACCGGGGAACACAAAGAAAAACCGGAAGAAAAAGAAGGG AGGGAAGATAGGCCAGGGGAAGGGGAGGGGAAGGAAGGCCCCAATTGGA AGGAAGGAAAAAAGAAAAAGGGAACGGAAGAAGAATAGGACGAAGAAAAG AACCCGGGGGGAAAGAAGGCAGGGGGAAAAAAAAGAAAAAAGGAGGAGGA GAACCGGGGGGAGGGGGGAAAGGGACAGAAGGGCCGAGAGGGGGGGGAA AGAAAAGGAAGAAAGGGGCCGGAAGGAGAAGGAAAGGGGGAAAAGGAAG GCCAAGGCGCCGGAAGGCCGGGCAAAAAGAGAGAGGGAAGGAGGGGGGG CCAGGGGGGAAGGGGGAAGGAGAAAGGGAGAGGAGGAAAAGGGGGGAAG G G G GAAAGGAAAGCCGAGAGGAAGGAAAAAAAAGGAAGGAAAAAGAAAAA A G G G G GAGGGAGACCATACGGAGAGCCAAGAGAGAGAAAGAAAGAAAAAG GAGCAACAAAAAGGAAAGGAAGGCGGAAGGAGACGGGAAGAGGGGGGCA GACCGGAAGGCCAAAAAGGGGAGGGAAAGGAAAAAAAAAACCAGAGAAAA AAAAAAGGGGGGAAACGGAGAACCGAAAAAAAAAGAGGGGCCGGAGGAAA GGAACAGGGAAGAAGGAAAGAGAAGGGAGACAGGGGAAGGAAGGGGGGG GGAGAAAGGGGGAGGGGGGAAAAAAGGAAAAGAGGAGAGAGAGAAGACC

AACCAGGAGAAAGAGGAGAAAACCGACAGGGGGGGGGACGAAAGAGAGCC A G GAAAGGGGAAGGGGCCAAGGGAAGGGAAGGGGAAAACCGGAAAAGGA AGGAAACCCAAACAAGGGGAAAAGGAAAGGGAAGGGGAGAGAAGGAAGAA GAGGAGGAAAAAAGGAAGGGGGGAACCGGAAAAGGAAAAGGGGCCAAAAA AGGGGAGCCGGAAGAAAAGGGGAAAAAAGCCGGAGAAGAGGAGCCAACAC AAAGAAGAGCAAACCGGCCAAAAGGACAACCAAAGCAGGAGAGGGGAAGA GCCACAAAGCAGAAGCAAGAAGGGGGGAGAAAGGGGGGGAAAAGGAAAAA CGAGAGAAGAGGGCCAGGGGGGGCCGAAGGGGGGAAGGAGGGGGGAAAA AGAAGGCCAAGGAAAGAGAGGGGAGGGGAACCAAGGAAAAGGGGAAAGGA GGGAAAAAAAAACAGAGAAAAAGAAATTGGGGCCACACGAAGAAAAAAAA AAGGAAAAGGAGGAGAGGCGGGACAGAAAAGGGAAACACCGAAGAAAGGG AAAGAACAGGGGGGAGGAAAAGGGGAAAAAAACCGGGACAGAAGGAAGAG G G GAGAGGGGAGGGGGACAAAGACGAAAAAAAGAAGGGCCGGAGACGGG ACAGAGAGGGGAAGATTCACCCCGAAACCAAAAAGAGAAAAGAATCCCCG AGGAAGGAAACTTGGGGAGAAGGAAAAGAAAGGAACCGAGGAAAAGGAAA AAAAAAACAGGGGCAAGGGGAGGAGGAAGCCAGGGAAACGAGGAGAAACA CAACAGAAGGAAGAAAGAAGGGGGAAAGGAAAAAAAAAACCCCCCAACCG GAAAA G G G GCCAA G G G G G GCCGGAAGGGGGGGGGGAAAAGGAAGGGGCC AAGACCAGGGAACCAGCACAACAACCGAAGCCAGAAAAAAGGAAAAACGG AGAAAACCAAAAAAAAAAGGGGGGAGAAAAGGGGCCAGGAAAGAGAGGGG AACCAGAAGGCCGAGGGGGGATAGAGAAGGGAAAAAAGAGAGGAGGAAGG G GAA G G G GCCGAAAAGAAGGGGGGGAGAGAAAAAGAAACAAAAAAAGGAG GAGGGGGGAAGGGGGAAAGAAAAAGGGGCAAAAAAGACGAAGCCAAAAGA ACAAGGGAGAAAAGGGAGAAAAGAAAGGAGGAGAGAGGGGCCAAAAAAAA AA $\operatorname{l}$ G G G G G G GAAGGGGGGAAGGGGAAAAAAGGAAAAAAAAAACCAAGGCC AAAAGGGGGGCCGGCCAAAAAAGGGGCCCCCAAAAAAAGGGGGGAAGGAA CCGGGGAAAACCGGGAAGAAGGAGAGAAGAGGGAAGAGGGGGAAAAGGG GAAGAGAAGAGGGTTGAGACCGGAAGGGGGGAAGAGGGAGAAAAGGGGA AGACGAACGGGAGGAGGGCCAAAAGGAAGATTGAGGGAGGAGGACAAAAA AAGAAGGGCAAAGGCCAAGGGGGGAAGGGAGGGGCCAAAGACGGAAAGA GGATAGGGGAAGGGGAAGAAAAAGGAAAAAATTAAAAAAAAAAGGAAGGG GAAAGAGAAGGCCCCGGGGGGCCCCAAAAGGAAGAGAGAACGGAGGAGAG GAGAAGAGGAAAGGGCAAGGGAAAGAGACAGAAAAAGGGGGGAAAGAGG G GA GCCGGAGAGAGGGAAAGAAGGGGGGAAGGAGGACAAGCCAAAAGAG G G GAAAAAAGGGGAAGGAGAAGGAAAAGAGGGAAAGGGGAAGGGGGGAA G G A A A A GAGGCCGGAGGGGAGAACACATAGAAAGGGAAAATTAAGGAGCA G G G GAA G GACGGGGGGGGCCGGAGAAAGCAAACCGGAAGAGAAACCGGA G G G ACA GAGAAGAAACCAAGGGGAAGGCCGACCGGCCGGAAAAAAAAAAG GGGAAAAAAGGGGAAAAGGAAAACAAAGGGGCAGAGGAAAAGGGGGGAGA AGGGAACGGAAAAGGAAGGCCAGAAAGGAAGAAGGAAGGAAAAGGAAGGG AGGAGGAGAGGACCCAGAAGGAAAACCAAAAACGGGAAGGGGGAAGAGGA GCCAAGGAAGAAACGGAGAAACCAAGAAAGAAAAACCCCGGGGCCGGCAA AAAAAGGGGAACCAAGGGGGGAAGGGGAAAAGGAAAAGGAAGGGGAAACA GAGGGAAGGGGGGAAGAAGGAAAAGAAAGAGGGAACCGGGAGAGGGGGG GGAGAAAGAAGAAAGGGGAAAAAAAACCAAGGCCAAGGGGGGAAAGAAGG AAGGAAAAAAGGAACCGGAAGGGGAACCAGGGACAAAGGAAACAAGCCGG AAACAAAAGGGGGAGGCCAAGAAAGGCCGGGGGGAGGGGGGGGGGAAAA AA $A$ AA G G G G G GCCAAAAGGAAAAAAGGGGGGAAGACAGAGGGAAGGGGG A G G G GAGGGGAAAAACACAACCGGAAGGAAGGCCGAAATAAAGGGAGAGA AAACGGGGAAGAAACCAAGACACCGGACAAAAGGGAAGAGGGGAAAAGAG GAAACCCCGGCCAGAGAAGGAAGGGGGGCCGGGGGGAACCCACAAGAGAA GAAAAAAAGGAACCCCGGAGAGAAGAGGGACCGGGAAAGGGGGGCCGGGA G G A A CCGGGGAGGGGAGAGGAGAGGGGGGGGGCCAACCAAGGGAGGGAA
 GGAGCCGGAGAAGGAACCAGAAAGAACCCCAAGGGAAGCCCCAACAGAAA GGAAGAGAACGGGAAGGGAGAGAAGGGGAAAACCGGAAGGAGGGAGAGG GAAAGGAAAAAGGGGGAGGGAGGGGAAAAA领AAAGGAGAGGGGAGAGG GGGGGGAGAAGGAAGGAAAAGGAAAAGGGAAAAAAAAGACAGGGGGAAAG AAAAGAAGGGAGAGAGAGGGAGGGAGGGGAAGGGAAGGGGGAAGGAGGA AAAGGGGAAGGGGGGGGGGAAAAGAAACCAGGAAGGAAGCCAGGAAACCG GGGCCGGAGGAAGGGCGAGGGGGAAAGAACCGGGAGGAGAGGGCCAGAA

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 G G G GAA G G ACCAAGGACAGGACGGAGACAAAAAAGGGGAAAAGGGAGCGG GAGAGAAGAAGGAGGGGGCCAAGAGGAACAGAGGAAGAGGAAAGGGGAA GAGAGGGGACAGAAGGAGGGGGCGGGGAAAAGGGGAAAGGGGGCAAGGG AAAAGGGGAGAGAAGGAGGGAGGAGGAAAAAAAAAAGAAAGGGGAAAAGG GGGGGGGGAAGGGGAGAATTGGGAAAAGAAAGACACGGGGAAGATTGACA GAATGGAAAGGAAAGCGAAAGAAGGAGAGGAAGGAGAAGGCCGGAGGGAA G G G G G GACGAAAAACCGACCAGCAGGAAGGAAGAGGGGAAAACAAAGGGG AGAAAACCCAGGAACCAAAAGGCAGGGGGGCCAACCGGGGAAGGGGAAAA AAAAAAAAGGAAAAAAGGGGAAGGAAGGGGCGCCAACGATAAACAAGGGG AAAAAGAAGGAAGGGACCAGCAGGACGAAAAAAAGGAAAGAGAAGGAAAA AAAGAGGGAGAAAAAGCCCCAAGAGGAAGAGGAAAACCAAGGAGAGGGAA TTAAGGGGAAATGGCCGACAGGGAAAAAGGGACCAAGGGAGAGGGGCCGA AA G G G G GAGGAGAAGGAAAGAGAGGGAAGGGGAAACGAGAAGAGAACGA TACGGGGAGAAGAGAGGAAGGAAGGAGGAACAGAGGGAAAGAGCCAGAAA AGGCAGGGGAACCGAAGAGAAGGAAAGGGAAAAGACCTTAAGAGGCCGAC AA GAAACAGGAGGGGAAGAAGGAACAAAAGGAAAGGACCAGGGGGGGAGA AA GCCAAGAGAGGAAGAGAAAAGGGGAGGCCCAAGGAAAAAGGGGGGAAG GAAGGCCAGAGAGCAAGAAGGAGGGCAGGGGGGAAAAGGGAAGGGGAGA G G G G G G G GAA G G G G G G G G G G G G G G GAAAGGACAAGGGAAGAAGGGACCG AAAGGAAAGAAAACCCCAAGGGGGGGGGGAAAAGAAGGAAGAGAGGAGGG GAACCGGAGGGAGGGGGAGAGAGGAAGAAGGGGACAAAGGGGGCCGGAG AAGGAGAGACAGGAAAAAAGAGGGGAAGCCACGGAAGGAAGGCCAAGGAA CCAACCGGGGAAAAGGAAAACCAACCAACCGGGGAAAAAAAAAAAAGGGG AAAAAAGGGGAAAAGGAAGGAAAAAAGGAAAAGGCCGGAAAAGGGGCCAA G G A A G GAA G G G G G GAAGGGGGGCCGGAAGGGGGGAAAACCGGGGAAAAG GGGAAGGAAGGAACCGGAAAAGGCCGGAACCGGGGAAAAGGGGGGGGGG G G A A G G A A G G G GAAGGAAAAAAGGGGGGAAGGGGGGAAGGGGCCAACCG GAAAAAAAAGGTTGGAAAAAAGGGGAAAACCCCAAAAGGCCAAGGAAGGA AAAGGAAGGCCAACCAAAAGGAAGGAAGGGGAAAAGGCCGGGGGGAAAAG GAAGGAAAAGGAAAAGGAAGGGGGGCCGGAAGGAAGGGGCCAAAAGGAA G G G G G G A A G G G G G G G G G GT TAAAAAGGGGGGGGGGAAGGGGGGGGAAAAA A $\operatorname{G} \operatorname{GGG} \operatorname{GGGGGGGAAAAAAAAGGAAAAGGAAAAGGGGAACCAAAAAAGGAAA}$ ACCAAGGAAGGAAAAAAGAGGGGCCGGGGAAGGCCCCCCAAGGAAAAGGA AAAAAGGGGGGAACCAAAAAAAAAAAAAAAAGGCCGGGGGGGGGGAAAAC CAAGGCCAAAAAAAAAAAAAAAAGGAAAAGGGGGGGGGGGAACCGGAAAAG GAAAAGGGGGGCCAAGGGGCCGGGGGGGGGGGGGGGGAAGGAAGGGGAA GGCCAAGGAAAAGGAAGGAAGGCCGGAAGGAAAAGGAAAAGGAAAAGGAA GGAAAAAAAACCGGGGAAGGAAAAAAAAGGGGGGGGCCGGAAGGAAGGAA

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G G G GCCGGAAAGGGGGAAGGCAGGAAGGGGAGCCAGAAGGAAGGCCAAA AGAAGAGCCCCAAGGAAAAGGGGAACCAAAGCATAAGGGGGAAAAAAAAG GGAGAAGGGGGAAGGGGAGGAAAAGGGAAAAAAGGGGGGCCGGGGGCAG
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 AA $\operatorname{G} G \mathrm{G} G \mathrm{G}$ AGAAAGAGAGAAAAGGGGGAAGGAAAAAACCGGGAGAGGAGG GGGAAAAGCAGGGGGAAGGAAAGAGCCAAAAAGAGGAAAAGGGAGGACCG GAAGAAAAACGAGAAGGAAGGAGAGGCGAGCGAAAAGGAAGGGAAAAGAG GAACCGAGGGGGGGGCCGAGGAACCAACCCAAAGAAAAAGAAAGGGGAGC CACGGCAAGGAGGCCAAGGAGAGGAGAAGGGGAGGGGAAGGGGAAAAAA GGAAGGAAGGGGAGACAAAGAGAAAGAGAGAAGGAAAGGGGGAGAGAAAA AAAAAGGAACAGAAGGGGAGGGCAGGACAGGGCAAAGAAAGGAAGAAAGG AAGGACGGGGAAGGAGCCGAGGAGGGAGGGAGAGAAAAAAGGAGGGCAT TGGACCCGGACGAAAGGGGAAAAGGAGGGGGAGGAGGAAACAGGGAGAA GGAAGGGAAAGGAGGACAGGGGGGAACAGGCCGGGGGAGGGAGAAAGGG GGGCCCAAAAGGGGACCAAAAGGAAGGCCAAAGGAGAAAGAAGGGGGGGG GAAGAGGAGAAAAGGCAACGAGGGGGGGGGAAAAGGGCCACAAAAAAGGT TGGGGGGCCAAGGGGAAAGAAAAAGGAGGGAGGCACCAGGAAAAAGGCCA A G G G GAA G G G GAAAAACGAGGGGAGGAAGATAGTTGAGGAGGGAAGGAA

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GGGCCGGAAAAGGGAGGCAAAAACCGGAAGGAAAAGGGGGGAGAGAGGG GGGGGAAGGGAAGGAGAAGGGAGAGGAAGAAGAGGGGAGAAAAGGAGCA ACCAAGGAAGGAAAGGGAAGGGAGGAGAGGAGGAGATGAGGCAGGGAGG AAAAGGAGAAGAAAGGAGGACCGGGGAGAAAAAACCCCGGACGGGGAAAA GGGGGGAGGACCGGAGAAGGGAAAAGGGGGGGGAGGAAAGGGGGAAGGA AGGGACCCGGAGGGGCCCCGGGGAAAACCGGCCAAAAGGCCGGAAGGAAG GGGGGAAAAGGAAAAGGGGGGGGAACCGGGGAAGGAAGGAAAAGGGGGG AAAAAAGGGGGGAAAAAAAAAAGGGGGGAAAAAAAAGGGGGGGGCCAAAA GGGGAAAAAAAAGGGGAACCGGAAAACCAAGGGGAAAAAAAACCGGAAGG GGGGGGCCAAAACCGGAAAAAAAAGGGGGGAAGGAAAAGGGGGGAAAAG GAAGGGGAAAAAAGGCCTTGGAAAAAGAAGAGGAAGGGGAAAGGGAGAGG GAACCAAAGGGAAGGACCCGACCAAGGCCGGGGGGCAAGAAGGGGACAGG ACAGAGAGAAAGGAGAACCAGGAAGGGGGGGGAGGAAAGAAGGAAGAACA GGAACAGAAGGAAAAAAAAAAAAGGCCAAGGGGGGGGGGCCAAAAAAAAA AAAGGAAAGGAAGGAAGAGCCAGAGGAGAGAAAAAAAGAGGGAGGAAAGG AGGCCGGGGAAAACCAAGGGGAAACAAAGAGGGCCAGGACCGAAGGAGGG A G G GA G G G G $\operatorname{AAA} A \operatorname{GAA}$ GGGGGGAAGGGGCCGGGGAAGGAAGGGGAAAA AAAAGGAAAAAACCGGAAAAGGAAAAAAAACCCCCCAAGGGGCCGGGGAA AA $\log$ GCCAAGGGGGGAAGGAAAAGGAAAAGGAAGGCCGGCCGGGGGGA AAAGGGGGGCCAAAAGGGGAAAAAAAACCGGCCAAGGGGGGGGGGGGGG AAAAAAAAGGAAAAAAGGGGGGGGCCGGAAAAAACCAACCAAGGAAAAGG AAAAGGGGTTGGAAAAAAGGGGGGGGCCAAAAGGGGAACGGGCAAAGGAC CCGGAAGGAGGACCAAAGGAAGGAAGCCGAAGCAGAACGGAGAGAATAGA GAAAGGGGGGCCAAGGGAGGGGAAGGGGGGAAGGGGAGGGGGGACCAGG ACCCCCCGGAAGGACGGGAAAAAGGGGAGAAAAAAAGGGAGTAGAGGAAA CGAAAAAAAAAGGGGGAAAAGCCAAAAAATTGGCCAGCAAGAAGGAAAAA AGGGGGGGAACGAGAGGGGACAGGGGGGGAAGGCAAGAAAAAAGGAAGG GACCAAAAAAGGAGGGAAGGCAAAGGAAGAGAGGAGAGAGAACAAGGGGG AAACCCAACCAAAAAAGAAGCCAAGGGGGGCCAGAAGAAGGGAAAAGGAA CCGGGGAGAAAAGGGGAAGGGGAACCAGGAAAAGAAAAAATTACAGGGGG AAAGAAGGGAAGGAAGAACCGAAAGGCCAAGGGGAAAGAAGCCCGAAAAA GGGGGGAAGCGAAAGGGACCAAAGAAAGGAGGAAGGAGAGAAAAGAGGAA AAGAAGAGAAGGAAGAGAGAAGAGAGACGAGGAGGGCAAAGGAAAAAACC AA G G G G G GAACCAAAAGGGGAAAAAACCGGAGAAAAGGACACAAGACAGA AGGAGGCCCAAGACGGAGAAAAAAAAGGCCGGAAGGAACCCCAAAAGGAG GGAAAAGGGGAAGGTAAGAAGGGAGGGGGGGGAAAAAAGGAAAGCCCCG GAAGGGGGGAGAAGAGAACTAGAAAGAGGCAGGAAAAGGGGGAGAGGGG AGGAGAAAAAAGCAAGAGGGCAGGGGGGCAGGGGAGCAAGAAGGGAGGG GGGGGGGCCAAGGAGAACAAAGAAGCAGGAGAAAAAAAAGGGGCCAAAAC CGGAAGAAAGAAGGAGAAGGAGGGAGACCCCGGGGAAGAGGGGGGAAGG AAAAGAGGGGAGAGAAACCCCCAAAGAAAAAAAGAAGGAAAACCCCGGAA AGAAGGGAGGGGCCGGAAGGGGGGAAGGAAACAGAAGGAGAAGAAAGGA AAAGAGGCCGGCACCAAGGAAGCGGAAGGGGAAAAAAGGGGCCCCGACAG GGGGATACCAACCGGCCGGAGAGGGAAAAAGCCAAAAAAGGCCAACGGAC CCCGGGGACGAGGAGGGGGGGCCGGAGGGAAAAAGAAGAAAGGAAGGAG AGGGAGACAAGGAGGGGGGGGGAAGAGACCAGATAAAGGGAAAAAAGGA GCCGGGGACGGGGAAAAAAAAAGCCCAGGGGAAGGCCAAGGGGAAGGGG AAGACACAAGAAAAGGAAGAAGACGGAAAGGGAAGGAGAGGGAGGGGAGG AAGGAGAGAGCACCAGGGAAGAGGGGCCAAAGAACCGGGGAAAAAAGAAG AGGGAACCAGAAAGGGAGAAAGAGAGAAAGGGGAAAGGCCGGGGGGGGA CAAAGGGAGGGGGGGACAGAAAAAGAGACAGAGAAGGAAAAAAAAAAGAA GGGGGGAAGGGAAGGAGAGGGAGAAAAAAAAAAGGGGGGCCCCCCAGGG ACGGGGGGAAGGGGGAGGGGGAAGGGGAAAGGCAAAAAGGAAGGGGCAA GGAGGGGGGGGAAGGGAGGGGAAAAAAGGAAGGGGTTGGAGAAAAAAGG GGGGGGCAAAGGGGGAAAGGAAGGAAGGAAGAAGGGAGAAGGAAGGCCA AGAACGGAAAGAAAAAGGGGGGGAGGCGGAAGGGGAGGGGGAGGGAAAA GGGGAAAAAAGGGGGGAGGGGAGGGAAAGGGGCAAAAGGAGGGGGAGGA ACCGGAGAAGGGAGGGGAAGGAAAGGAGGAGCCCCGGAAGGAGAGACGA CCGGAAAGAAAATTGGAAGGGGGGAAGAGGAAAACCGGGGCCGAAAGGAA AACCAAAAGGAGGACCAAAAGGAACCGGAGGGCCGGGACAGGGACCGGAA AGAGCAAAAAGCAAGGCCGAAGGGGGAGAAAAGACCGGAGGGAAGGGGG

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 AA G GAGAACGACCGGGGGAAGACAGGAGAAGGAAAGGGGAAAAGAAGGGA AAACCAAGGGGAAAAGGGGAAAAGGGGAACCAAGGGGGGAGGGGAAGGG AA $\operatorname{G}$ GAGGGAAAAGGCCAAGAGGGGAGACAGGGAGAGGAGGAAAAAAACAC AAAAGGAGAGAGAGGAGGCAGGGGGGCCGGGGGGGGAAAAGGGGGGAGG GGGGAAAAAGGGGAAAAAGGGGGAAAAAGAGGAAGGAAGAGGGGGGGCA GAACCCGAGGGGGGAACCGGACGGGGGGGACCCCAAAAAAAGAACAGGAC GAGAAGGGAAAAGGGGGGCCGAGGAGGGAACCGGCCGAACGAGGACGAA AAAAGGGTTGGGGAAAGCCAGAACCCCGGAAGAGGACAAGAGAGACCAGG GGGGGCCAAGAAGGAAGGAGGAAGAGAAAACGGAAAAAGGAGGGGAAGAA GACGAGAAGGGGGGGGGGGAACCGGAAACGAGGGGGGGGAAGGACGAGG AA $\operatorname{A}$ GGGAAGGGGGACCAAGGGGGGAGAAGGGGGACCCCAGGGAACCGGG GGGGGAAGACCGGCCAGAAAAAAGAAACCCCAGACCCGGGGAAGGGGGGC

CGGCCAAAAGGAACCGAACGGGGAGGAAACCGGGGCCGGGAGGCCGGAAA ACCAGAACCGGGGAAGAGGAGAAAGAGCAAGCAAAGGAAGGGGGAGGAAA G GAAAGGAAGGGGGATTAGAGGGAAGAAAGGAAGGAAAAGGGGGGAAAA GGAAAAAGCCGAGGAACCAACCAGGGAGGAGAGACAGGGGGAAAGGGGG GGGAAAAAAGGGGGGAAAAAAGGCAAGAACAGAAGGGACAGAGAAGGAGT TAACCGGGACCGAGGGGAAAGAGAAAAAGGGGGGAAGGGGAAGGACCGG GAGGAAGGCCGAGGGGGGGGAAGGCACCAAAAAACCCAGGGGCCAAACGA AGCCAAGGACGGCCCAAACCGGAGAAAAGGGGAAGGAGGAGAGGGGCCAA AGAAGGAAAACAAGAAAGAGCCAAGGAAAACCAACAGGGGACGGAGAAAA AA $\operatorname{GAGGGGAAAAAAGGAAAAGGAGCAGGAGGACAAGGGAAGAAGCCGGGG}$ AACCGAAGAAGGAAAAAGAAAAAGGAACGCGCAGAACCACAGGGAGAAGG GGAGGGGGAAAAGACCAGAGGGAAAAGGCCGGAACCGGGGAGAAGGCGG G GAGAAGGGAGGGGAGGAAGGGGACAGAAAGAGAAGAAAAAAAAAGAAGA GAAGGGGGAGACCAAGGAAGGGGGAGGGGAGGGACAAGGCCCCGGGAAG AGAACAAGAGAAGAGGAGGAGGAAAACCGGAAAAAAAGAAAAAAAAGGCC GGAAAAGGGGAAGGAAGGAAAAAAAAGGGGGAAGAAAAGGGAAGAAGGG
 AGGGAA GAGAAAAAGGGGAGAGGGCCAAAAAAGGAAGGGGGACAGAAAGG G G G G G G A A A A A A G GAAAAGGAGAGAGCCAGGGAAGGAAACGGGGAACCG GAGAACAGAGAAGAGGGAAGGAGGGGGAAAAGAGACCAAGGAGGAAGCCG GAAAAGAGGGAGAGGGGGAGGGGAGACAAAAAGAGAAAAAAAAGGAAGGG GAAAAACAAGAGGAGGGAACACCGGGGGGGGAACCCCAGCCAGAAGGGGA AGGCCGGAAAAAAGGGGGGGGCCGGGGAAGGGGAAGGAAAAGGGGGGAA AAAAAAAAGGGGGGGGGGGGGGAAGGGGAAAAAAGGGGAAGGGGAAGGG GGGAACCAAAAAAGGAAGGGGAAGGAAAAGGCCAAGGGGAAGGGGAAGGC CGGGGAAAAGGAAGGCCGGAAGGAAGGAAGGAAAAAAAAAAAAGGGGGGG G G G G GAAAAAACCCCGGAAAAAAGGAAAAAAGGGGGGGGAAGGCCCCAAA AAAAAAAAAGGCCAACCGGAAAAGGAAGGGGGGCCGGAGGGCCGGGGGG GGAGAAGGAAAAAAGGCCGGAAGGAAGGAAAAAAAAGGAAGGGGAAAAAA AAAAAAGGAAGGAAGGGGAAGGGGAAAAGGAAAAAAGGAAGGAAGGAAAA GGGGCCGGAAGGCCGGCCGGAAAAGGAAAAAAAAGGCCAAGGGGAAGGCC GGAAAAGGCCAAAAGGGGGGGGAAGGGGGGAAGGGGAAGGGGGGGGAAA AAA $\operatorname{A}$ GAAGGGGAAGGGGCCGGGGGGGGGGAAGGAAGGCCGGAAGGGGCC G G G G G G G G A ACCCCCCGGGGCCCCCCAAAAAAGGAAAAAAAAAAGGGGGG AA G G G GAACCAAAAGGCCAAGGGGGGGGCCGGAAAAGGGGCCAAGGGGC CAAGGAAGGAACCGGCCAAAAGAAAAAGAGGAAAGAAGAAGAGAAAAAAA AACAGAGCCGGAAAAAAAAGGGGAGGGGGGGAGAGGGGGAAGGAGAACA GAGGGGACGAAGAGGGAAGAAAAAGGAAAGGGAAAAAAAGGGGGAAAGAA G G G GAGGACCGACACCAATACCAAGGTAGGGGAAAAAAAGAGAGGGAAAA AAAACAAAGGAGAGAATTCCAGCAAGAAGAAACCCCGAGGGGGGAGAGAA CACCGGGAAAACAACCAAGGGGAAGGGGTTCCGGGGGAAGAAGAAGCAAA AACCGGGGAGACGGGGAAGACAAGAGGGGGAAGGAAAAGAACGGACAAGG AGGGACGAGGGAGGAAACAGAAAAGGAAGGGGGAGCGGCAGGGGGAGGC CCCAAGGGGAAAAAAGGAAGAGGAAGGGGGGAAAGAAGGGAAAAAGGAGA AGAACGAAAGGGGAAGGAAAAGAGGGGGGATAGCCAGAAGGGAAAAAGGG GGGCCAAAGCAAGCAAAAAGGGGAAAAGGCAGGGAGAGAGGGGAGAGACG G G G AA G GAAAAGGAAGGGGGGGGAAAATTAGGGAACCGAGAAGAAAAAAA AAGTACCAAAAAAGGAAGGAGCAAACCGGGGCCGGGGGGTTAAAAAAGGA GACAACCAAGGCCCAAAGGACAAGAATGAGGGGAATTAACCGGACGAAAG G G G G G A G G G G G GAGAGGGAAGGGGGGGAAAAAAAAAAGGGACACCGGAA AGAGAGGAAAAGCCGGGGCCGGAGGACAGAAGAACCAGAAGGGGAAGGGA ACGGAAAGGGAAAAGGGGGGAAAGACGGAAAAAGAGGAAGGAAAGAAAGG GGAGCCAGAAGAAGCCAGGAAAAGGGAAGAGGGGGGAAAAGGGGAAGGA AGGAAAGAGGAAGGGAAGGAACCAGGGGGGAAAGGCAAAAAAAAAGGGGA A G GCCAGAAAACCAGAAGGGGGGAGGGGGGGAACAGGGGGGAGGGAGGG ACAGCCAGAAAAGGGAGGACCACACCCGGGGGAAGGGGCCAAAAAAGGAG GGAGAGAGGGGAGGAGGGGGGACCACAACAAGGGGGAAGGAACAAACCAA AA $\operatorname{G} A A C G G C A A A G G G G C C G G A G G A G G G G A A G G A G A A A A G A A A G G G G G C A$ AGAGGGGGAGGAAGGAAGGACAAGAAAAAAGGGAAAGGAGACCGGAAGAA GAAGAGGAGAAGGACAAGGAGAGGGGGGGCCGAGGGGAAAGAAACCCAA GGAAGAGAGGAAGGGGAAGAAAGGGAACGACAGGGACCACGGAAGGGAG

GAGCAGAAAGGAAGGGAAAGGGAAAGGGGGAGGGAGGAAGAAGAACAACA ACAAGCCGAAAGGGGAAGGGAGGGGGGAGAAGAAGCCGAGACCAACCGGA ACCAAAAGGAAGGAAGGGGGGCCGGGGAAGGGGAGCCGGGAACGGGGAG AGGAAGGAAGGAAGGGGGAAGGACAAGGGGGGAAGAGAGAGGAGAGAGG GACGGGGCCAGAAGGGGAAAGGGAAGGAAGGAGACAGAAAAGGGGAAGG AGGAACAGAAGGGGCCGGCAAGGAGGAAGGAGAAAAAAAAGAAAAAGAGA AGCCCCGGCAGACAGAAGAGGGGGAGAAGGAGGAAGCCAGCCAAGGAAGG AGAAGGGGGAAAGAAAGAAAAAAGCCGGCCAAAAGGACGGCCAGGAAAAA GGGGCGAAGGGAAGGGAGAGAGAGGAAAGGGGGGAACAGAGGGAAGCCA AGGAAGGGGGGAGGAGGAGAGGGGAAGAGAAAAGGAAGGGAGGCAAAGG GAAACCGGGGGGAAAGAAGGGGGGGGAGGGGAGGGGGGAAGGAAAAAAA GAGAGAGAGGAACAAAGAGAGAGAGGGGGCCAAAAAAAAGGCCGGGGAGA AGGAGGAGACAGAGAAAGAAGGAAGGGACAACCGGAAGGAACCAAGAGGG GAAAAGGAACAAGGGGGGAAAGGAAAAGGGGAAGGAAAGCCGGAAGGGAA GAGAGAGGGGGAAAAAAAAAAAGAAGAGGAGGGAAGGAGAAAGGAAGGG GGAAAAGGGGAAAAGGAAAGAAGGGGCCCCCCGGGGAAAGAGAAGGCCGG AAGGGAGAGGAAGAAAGGAAGAACAAAGGGGGAGAAAAGAAAGGAAAAAC AGGGGGAGGAGGACGGAGGGGGGGAGGGAGGAAAGGAGAGGGAACCGGA AGGGGCCGGAAAGAGAGACGGAGGAAAAGATAGAGAGGAGGAAGGGGAA ACGGAAAGAGAGGAGAAGAAAAGGAACAAGAGGGACAAGCAAGGGGGGAG AGACGGAACCACAGGAGGGAAGCAAGGGGAAGAGAAGGATAAGGAGGGAA GGAAAAGGGGGGTTGGAGGAACGGGGGAGGGGAGGGGAGGAGAAGGGGG AGGGGAGACGGGGGGAAAGAAGGGGAGGAAAAGAAAACCAAGGGGGGAG AGACAAGGGGAGAGCCAGACGGGGGAAGGAGGGAAAGGAGGAACGGAAC AAAGGACAGACAACCGGGGGAAAGGAGAAGGGAAAGGAGAGGACCGGGG GGAAGGAAAAGGGGAGGAGAAGGAACGGAAAAAACAAGGAAGGGGGGGG GAAAAGGGGGGGGGGAAAAGGGGGGAAGGAAGGCCGAGAGGAGGGCAAA ACGGGGAAGGAGAGGGGGAAGGAAAAGAGAAAGGGGAAAAACAAGGAGG GAAAAAAGGGGGGGGCCAAAAGGAAGGGAAAGGAACCAAGGGGAGGAAG GGACCAAGAGAGGGAGAGAAGGGGAGGAGGAGAAAGGGGGGGAAAAAAA AAGAGGGAAGGAAGGAGAGGAACGGAAAAAACCGAAAGGAAGGGGAAGGA AGGGGAGGAGGGGAGGGGGGAGAAGGGAGCAAGAGGGGGAGGGGAAAGG GGGAGGCCCCGGCCAAGGGGAGAAGGCAGGGAGCGGCAGAGGAAAGGGA CGGCAAAGGAGGGAGGGCCGGACGGGGAAGGGGGGAGGGAAAAAAGGCC GGAAACAAAAAGAAGAAAAAAAAGCAGAAATTAAAAGGGGAGAGAACCTT CCAGGAAGAGGAAGAGGAGAAACCGAGAGACAAGGGAAGGGGAACAAAGG CCAGAGGACCGGAAAGAGGGACGAGGAGGGGGAGAAAGGAGGCACAAGA GAAGGAAAGAGGGAAGAAACCCCAAACCCAGAGGGGGGGAAAAAACCAGG AGGAGAACAAGGAGGAAAAAAGAAAGGGGGGGGAGAGAGAAGGCCGGAA GGGGGAAGAAAAGGAACCCCAAAAAAAAAGAGAGCAACGAGGGGCCAACC GGCCAAGAGGAAGAAACAGGGGGGGGAAAAAAGGGAGGGGCCGGAAGGG AGGATAAAAGGGAGGGGACCCGGAGGAAGGGAAAGAAGGGGGGGAGGGG GGAAAAAAAGGAAGGGGGGACCAAAGGGAGAGAAGGCAAAAGGAGAGAAA AAGGGGGGACGGGAGGAACCGGCCAAAAAGAACCCCAGGACACCGAAAGG AAAAAACCGGAAGGGGGGGGGGGGGGGGAGAAGGAAGAGGACAACCCCA AGGGGGGGGGGAAAAAAGAGGGCAAAAAGAAAGGAGGGGAAGGGGGAGG GAAAGACCAACCAAGGGAGGGGAAGGAGGAAAAAGGAAAAAAGGGAAGGA GGGAAGGGGGGCAAAACGAAGGAAAAAGAGGAAACCAAGGGACCGGAACC GGCCGGAAAAAAAAGGGGGGGAAAAAAAGAGAGAAGACAAAGGAGGAAGG AGCCGGAAAAAGGAAGAAGGAAGGAAAAGGAAGGGGGGAAAAAGGGGAAG GAAAGAGGGGGGGGAAAACAGGGGGGAAGGAAAGAAGAAAAGGGAAAAG GGGGGCCAAAAAAGAAGGAGGGAAAAAGGCCGGAAGAAACGGGCAAGGGG GAAAGACAACCCCAAAAGGGGGGGAAAAAGGGAGGAGAAAAGGAAAGGGG GAAAGAGGGAAGAAGAAGGCCGGGGGGAAGGGGGGGGAAGGAAGAAAAG GGGGGGAGGGAGATGAGGCCAAGGAAGGGGGGAAGGGAAGGAGGAAAAG GGAAAAAGGGAGGGAAGGGAGGGAAGGGGGAAGAGGGGGAGAGAAAGAG ACAGCCGGAGAGAGACGAGGACGGAACAGGAAGGGACAAAGGAGAAGAAG GGGAGGAGACGAAAGGGGGGAAAGGGCAAGACAGCCGCCGGGGGGGGGG GGGGGAAAAGGGGGAGGAAGGAACGAAGGAGCGCAGGGAAAGGAAAAGG AAAAGGTTCAAAAAAGGGGGAGGGAGAGGAAAAAGGAAACGAGGGGAAGG AGAAGGAACCAATTACGAGGGGAACCAACCAAAGGAAAAGGGCCGAGACC

GAAGCCACAGGGAAGGAAGGGGAAAGGGCCAGGGGGGGAAAAAAAACCGG CCGAGGGGAGAGGAAGGGGGGGGGAAAAAAAAGGCCCAGGCAAAGGCGG AAGAAGGGGGGAACGCCAAGGGGAGGGGGCCCCCCCCAAAGAGAAGAAAG GCCAAAAAAGGAGATGGAGGAAGAGGACAACAGCCAGAAACAGCACGAGG GGGGGGGAAAGGAGGGGAGGGGGAGCCCCGGAACAAAAAGGGGAACCAA AGAAGAGAGGCCGAGGGGGGGCGGAAGAGAACGACCGACCAGGGAACCGA GGCCAGGGAAAGGGCGAGGAGGGGAAAAGGGGAAGGGGAAACAAAAAAAA GGGGAACCAAAAGGAAAAGGAAAAGGTTCCGGGGCCCCGGAAGGAGCAGA AGGGAGACAAAAGAAAAAAAAAGGAAGGAAGGAAAAAGGGGGAGAGGGAA AAAAAAAAAAGGGGAAGGAAAAAACCACGGAAGGGGGGAGGGGAGGGGAG AGAAAGGAGAAAGGAGGAGAAAAGAGAAAAGGAAAGGGCCACAAAGGGAC CAGGGGGGACGGAGGGAAAAAAGGAAAGCCAAGGCCGAGAAGGGAAGGG GGAGAACAAGGGGAAAGGGCCAAGGGGGAAGAAAAAACCAAAGGGCACCG GGGAGGGGGGGGGGAGAGGAAAACGCCAAGGGGGGAAAAGGGGAAAAGG GGGGGGGGAAACAGGAAAGAGAGGATGAGAGAAGGGGGACACGGAAAAA AGGAAAAGGGGAAGGAAAAAAAAGGAAAAAAAAAAAAAAAAAAAACCAAA AGGCCGGAAGGAAGGCCAACCGGGGGGGGGGAAGGAACCGGAAGGAAAA AAAACCAAGGAAAAAAAAGGAACCAAAAGGAAAAGGAAAAGGAAGGCCAA GGCCGAAGGAGGAAGAGGCAAAGGAAAGAAGGAAAAAAGGAAGAAAGGAA AAGAGAAGAACCGGGGGGGGGGGAGGCCAAGGACCCAAAAAAGGAAAAGG GACACAAAACGGGGCCGGGGGGAGGAGGGAAGAGGGAGGGAACCAAGAG GGGGAGAAAAGAGGAAGCCAGGGAAGACCGGGGCCGAAGACGACCAAAAA GAGGGAGCAGAGGAGGAAAGAGGGAAAAAACGGGGAAGGAAGGAAGGAA AAAAGGGGAACCAAGGGGGGAAGGGGGGGGAAGGGGGGAAAAAAGGAAA AAAGGGGAAAAAAGGAAGGAAAAGGGGAAAAAAGGGGAAGGGAGGAGGG AGAGAGGGGGAAGAGATAAGACGGAAAAAAGAAGAAGAGGGGGGAAAGG GCCGGGGAAGAACGGAGAGAAAGCCAAAAGGAAGGAAGGAAAGGGGAAGG AAAAAGAGAAGAGAGGGGGAAAGGACCAGAGCCGAGGAATAGGGGGGGA GGGAGGGGGGACAAAAGGGGAGCCAAAACCGGAAGGAAAGAAAAGGGGCC GAGAAGAAGAGAGGAGAACCAGGAGGGAGGGGGGAGGGCCAAAACCGAG GGGAGGGAAGAAAGGGAAAGGGGGGAAAAGAGGGGCCGGACAAAGGGAA AGAAGGGAAACCAACGGAAGGGGCGACAAGAAAGAGAGTTAGAACCAACC ACGGAGAAAAAGAGGAGGGGAGAGGAGAACAGAGGAAGGGGACCGAAGAA GGAAGGGGGGCAAGAGAAAGAGGGGGGAGATTAAAAGGAAAAAATAGGAG GGAGAAAGGAGGCCGGGGGGAGGGGGGAGGGGGAAAAAAAAGCAGGTTC CAAGGGGACAAGGACAGGGGAGGGGGAAGGGAAAAAAAAAAGAAGGAAAA GAAGGCCAAGGAAAAGGGGAGTTAAAACAAAGGAAGGGGGGGGGAAAGGA GGGAAAAAAAACCGGAGCCGGGGAAGACCAGAGAAGAAAAGAGGAGGGAC CGGACAGAACAGGAAAGGAAAAAAAAAGGGGGGAGGGGGGAAAAAAAGGG GGGGGAGGGAAGGGGAAGGAAAATTCCGGGGGGGACCGCAGGAGAAAGA GAGGGGGGGGGGGGGAACAAGAAACCAAGGAAGAAGGGAAAGCCAAGGA AAAGGAAGGGGAGAAGGGGGGGGAAGGGGAAAGGGGAAGAAGGAAGACC CCGGGAAAGGGAAGAAAAGGAACCAAATAGGGAGGACAGAAAGGCCAGAG CCAAAAAAAAGGGGCAAAAAAAGGAGAGGGAAAGGGGGGGAAGGAGGCAG AGAAAAGACCGGAAAAGGAAGGGAAAAAGAGGAGAGAGGAGGAGCACCAC GAGGGGGGAAAAGGGGGGAAAAAGGGGGAGGGAAAGCCAGGAGAGGAAA GGGGGAGGAGAATGGGGAGAGGGAAAGCCGAGAAAAAAAAAGAAGGGAAA AAAAAAAAACCAAAAGGGAAAGGGGGGAAGGGAGGAAAAGGGAGGAGAAA CAAGGGAAAAGGGAAAGGGGGAGGAGGGGGAGAGGGAGAACGGGGGAGG AGGGAAGAGAAGGGGAAGGAGGCCAAGAGAAAAAGGACGGAAAAGGGAAA CAAAGGCCAAGGGAGCACGAAGCCGGAGGGGCAAGGGAAGACAGGGCAAC AAAGGAAAGGGGGGAGACAGAGAAGGACGAAAGGGGACAGAGAGACGGAA AGGAGGAGGAAGGAAGAGAGGGGGCAGAAGAACAGAGGGAAGGGGGAGG GGGGGGGGGGAAAAAGGAAGGAAGAGACCAAGAAGGGAGAGAGAAGGAA GGAAGGCCAAGGAAGGGGAGAGCCAAAAAAGAAAAACAAAGGAGAAAGCA CACCAGAGAAGGAAAAGAGGCAAAGGGACAAGGAGGAAACAAGAGAAAAA GGAAGGAGACGAGGAAAGAGGGAAAAACAGAGCGAAAAAGAGGGAGAAGG CAGGAGGACCGAAAGGAAGAGAAAAGGGAAGGAGGGAGGGGGAAGGGGA AAGGAAGGAGGGAAGGGAGAAAACCTAAACCAAAAAAGGAAGGCCGAAGA GAGAGGGGGGGCCGGGGAAAAGGGGGGGCGGGAAAAGGAAAACAAGGGG G GAGGGCCGGAGAGAGAAAGGGAGGGGAAAGGGGCCAAAAAACAAGGGA

A G G G GACAAGGAGCGAGGAGGAAGAGGGGAAAAAAGGGGGGGGGGAAGG AAAGGACCGGGGAAGGGGAAGAAGACGAAACCACAAGAGAAGGGAAAGTT GGGGAAGAAGAAGAAGGGGAAGAAAAAACCCCGGAAGGAAGGAGGGAAAA GACAGAGGAGAAAAAAACCCCAGGGGGGACGGAAAAGGGGGGAAAAAAGA AGGGAGAGGGAGGAAGCACCGGCAGGGAACGGGGAGAGAGAGAAGGAGG G G G A G CAA GAA GAAAGGGGAAGGCCGGGGAAAAGGAGAGGAGAGGAGGG G G G A G G A G A A A G G G G G G G G G A A A A G G G GAAGGAAAAGGAAAGGACATAA GGGGAAACCACAGAAGACACCAACAGGGGAAGGAAGAGAGGGAGGGAGGA G G ACCAAAAGGGGAATTGGGGGGAGGCAAGGGAAGCCAAGAGACCGGACG G GAGGGACCGAGGAAGGGGAAAAAAAAAAGGAAACAGGAGAGGGGCCAAC CGGGAAGGGGAGGCCGGAAGGAAAGAACCAAAAAAAGAAAAGGGGGGAAA AGGTTGGAACCAAGGAAAAAAAGCAACGAGGGGAGAAAACCGGGGGGGGA A G G G G G GAAAGGAAAAACCGAGAAAGAGGGGGGAGAAGAAAGAGAAAGAA AGGAGCCAAGGAGGGGGAACCGGGAAGAGAAACAGGGAGAAAATTGGGGC CCAGGGGCAAAAACCGGAAAGAAAACAGAAAAAAAAGCAGAAAGAGAAGA G G GAGACAGGGATTAGAAAAGAGCCGGCAAGAGGGAATTGACCGGAAGGG G G G G G AAAAAAGGAAGGGACCGAAGCCGAGGACAAAAAAGAGGGCAAGGA G GAGGAAACGAAGGGAAAGAAGAAGAAGGGGAAGGAAGGGGAAAAGAACA GAAAAAGGGCCGGGGAAGGAGAACAAAGAAGCAGGGGACCCAGGAGGGAG GGACCAGAAGAGAAAGGAAAAAAAGAAAAAAAAAAAAAAGAAAAAAAAAAA AGGGAGGGAAAAGGGGAAACAGGAAGAATAAAGGGAGAACGAAGAGGAGG GAAGAAAACAAGAAGGAAGGGGAAGGAAACAGAAAAGCGAGGAGCCAAAA GGGGAAAAGGCAGGGGGAAGGGGGAAAAAGGGCCGGAGAAGGAAGGGGG AAAGACCGGGGGGGGAAAAGAAGGAGGAAAAGGGAGGAGAAGGAGGAAA G GA G GAAAGGGGGGAACCAACCAAAGCCAGCCGGGGCCGGAGAAGGGGC GGGCCAAAGGGAAAAAGGGAGCCCCAACAAGGAGAACGGGGAAGGGGGG GGGGCCAAGGGGAAGAGGAAGAAGGAGAGGAGACCCGAAAAGGGAAGGG AACAAAAAAGGAAAAGGGGAAGGAAGAGAGGACAGAAAAAAAAGGGAAAC AGAAGGGAGAAAAGGCCGAGGAAAGAGGGAGGAGCCCGCAGAAGGAGAG GGAGGAAGAGACCCCCAGACAAGGAAGAAAGGGGAAGGGGAAAGAAGAGG CAAACACCAAGACCAAGGAGAAAAGGAAAGAAGAGGGGGGAAGGGGCCCA GGGGAGACAAAACCAAGGCCGGAAGGGACAAGGAACAAGGACAAGGAAAG G G G GAAACAGAAGGAAGGAAGGGGGGAGAAACAGGGGGACAAAAAAAAGG CGGAGAAAGGGAAAAAAAAGGGAAGGAAGATTAAAAAAGACCCAAAGAAA GAGACCGACCTAAAAAAGGGCAAAAAAAGGAACCGGAGAGAAATGGAAGG GGAAGGAAAAAGGAAGTACAAAAAGGTTAACCAAACAAAACAGAGGAGAA A G G G G GCCGGAAGGAAGGAAAAAAAGGGAAGAAGAGACAGGAAGGGAGG AGAAAAGCCAGCCAAGGGGCAGGGGGGCCAGGACCGGGAAAAACCAAGGA AAAAAGGTAAAGAGACACCAAAAAAAAAGGAGGAAAACCAAGGAGAAGGA AAAAAGACAAACAAACAAGCCGGGAAGGAATAAAAAGAAAAAAGGGGAAG AGGGAGGGGCCCCGGCGAGAGGGCCAACCGGGGGGCCAAAAGGGAAAAA G G G G G GAGACACGAGGGACCGGGGGGAACCCGGGGCGAGGGGAGGAAAG G G G G G G G G G G G A AA GAGAAGACAGACCGAACGGGGCAGAAGGATTAAGA AA $A$ AGGGGAAAGGGGGCCAAAGAGAGGGAAAAAAAGAACAGGAAAAGGAG CAAGGAGAGGACGGAAAAGGAAGGAAGAAGGAGAAGAAAAGGGGCCAGAA GGGAGGAGGGGAAGGAGAGGCCCAGGAAAGAAGGGGAAAAAAAGGAAGG GAACCAAGGAAAAGGAAGGAAAAGGAAAACAGAGAAGAGAACCCCGGAGG GACGGAGGGAAAAGGCAAAGGAAGGGGGAGGACAGGGCACCCAACGGGG AAAGGAAGGAAGACGAGGAAGGGACCAAAGTTAAAGGGGAGAGGGAGGCC G G G GAAAAAAAAGAGGAACCAGGGACGGGGAGGAGGAAAAAGGAACAGGG CAAAAAAGAAGAAACACAGAAGGAGGGGAACAGAGGAAACGGAAACAGGG CCGGGGACGAAAGGGGCCGAGGCCAGGGGGAACCCAGGAAACAGAAGGAA G G G GAAGGTTACAAGGGAGACCAAGAAATAAGGGCAAAGAGCAAGGGGAA CAGGCCGGAGGGAAGAGGGGGACCAACCGGGGGAAGGGGGGAGAAACCC CAAGGAAGGAAGGAAGGGGGGGGAAGGAAGGGAGGGGCCAAGGAAAGAG A G G GCCGAGGGGAAGGACGAAACGAAAAACGGGACCAAGGGGGAGACCGA G G G GAAAAAACCAACCGGGGGGAAGGGGGGGGAAGGGGAGAGAGCCGGA ACAGGAAGGAGCCGGCCGGGGGGGGAGAAGGAAAAAAGGAAAAAAGGGG AAAAAGAAGGGGGGAAAAAACAGAGAGAAGGAAAAAAAAAAAAAGACCGG GGAGAGGAGAAGAGAGGAAGAAGAGGGGCGCAGGCCAGAAAGAAAGAGA GACACAGGAAAGGGGAACCGGAAAGCCGAGGGAACAGGGGAAGGGAAGAA

G G GAGAGAAAAGGAAAACCAAGGGACCAGGGGGCCCCGGAACCGAAGCAA AAGACAGCCAAGGGAAGGGAAAAGAGAGGGAGGACAAAGGGGGAAAAAAA GAGGGGGGAAAAAGGCAGAAAAGAAAAGGAAAGCAGGAGGAAGGGACAAG GGGAAGAGGAACCGGAACCCCCCTTCCCCCCGGGAGGAAGGAAGAAAGAG G G G ACAAGGGGCAGGAAAAGGAGGGCCAAGGAGGGGAGGCCAAGGAAAG CAAAGGAAAGGGCCGACAGAGAAGAAGAGAGGAAGGTTAAAGGGGGAAGG GAGGAGAAAGGACAGGAAAAAAGGAGACAAAAGGCACCGGGGAAGAAGGA AA $\operatorname{A}$ GGGGGAAAAGGGGCCGGGGAAGGGGAACCGGGGGGGGGGGGCCAAA AAAGGCCGGCCCCAACCAAAAAAAAAAGGAAGGGGAAAAGGAAGGCCGGA A G GCCAA G G G G G G G G G GAACCGGCCAAAAGGAAGGAAAAAAAAGGAAAAG GCCAAGGGGCCGGGGGGGGGGGGGGGGGGAAGGAAGGAAAAGGAAAAGG AAAAGGGGGGAAGGGGGGGGAAAAGGAAAACCGGGGAAGGGGCCAAGGA AAAGGCCAAGGGGAAAAGGAAAAAAGGAAAAAACCCCCCGGGGGGGAGGA AAAAAGGAAGGGGAAAAAAAAGGGGACAAGGGGGGAAGGGGAAAAGAGGC AGAGGAAGGGGAGAGGAGGGGCCAAAAAAGGAAAAAAAAAAGGGGGACAC AAAGGAGGAGGAGAGCGGGGGGGGGGGGGGGGGAAAACAGAGGAACCAA G G G G G GCCGGGGGGCCGGAAAAAAGGAAGGAAGGACGAGGAAAAATAAAA CCACGGGGAGGGAAGGACACGAGACACCCAAGAAAAAAAAAAGGGAAAAA GGAGAAGGAACCAAAGGGGGAGAGGGGGGAGGATCACGGGGGAGAACAA AGGACAGAGGGGAGGGGAAGGAGCCAAGAGAAGCGAAGGGAAGGGGGGG G G GAGAGAAAAAAGCAAGGGAGAAGAGGGGGGGGAGAAGGAGTTCCGGA GAAGGAAAGAAGGGGCCAAAAAGGGAAAAAAGGCACCAGCAAAAAGGGAG AAGGAGGCCCAGAGGGAAACCAACATTAAAACCGGGGAAAAAACAGGGGA GAA G G G G A GAAAAGGGGGGGGACAAAAAAGGGAAAACGAAAAGGGCCAAA AAAAAAGAAAAAAAAAGGGGGGGAAAAAACCAGCCAAATGAAAGACAGCG AGGGGCGGGAAAGAAAAAAAAACAAACGAAGCCGAGAAACCGGAAAACCA AAAGGGGGGAACCCACAGAAAAAAAAAAAGGAAAAAAGGAAGGAAGAAGC CGAGGGGACCCAAAAAAGGGGGCAAGGGGAAAGAGGGAAGGGGGGCCGG GGAAAAGGGGAGAGAAGGAAGGGGCCCAAAGGAGGACCGGGGGGAAGGG GCCGAGGAAGGAATAACGGAGAGAAAAGGGGAAGAGGAGAAAAAGACAGG GGAGAAACCGGCAGAGGAGAAAAGGGGAAGATTCCGGAAAAAGAATTGAG AGGAACCCCGGAAGAAGAAGAAGAGGGCAGGAGGAAGCAAAAAAAGGGGC CAAGGGGCCGAGACAAAAAGGGGGAAGCCGGAAAGCCGGGCGGGGAAGG CAAAAAACAAAAAAAAAAGAGGAACCGACCGGCCCACCACACGGCAGGCC AA $\operatorname{G} \operatorname{GGGAGGGGAGACCCCGACAGGGGGGCCAAAACAGGGGGAAGAGGCA}$ AGGAGTTAGAGAGCCAAGGAGGGAGGAGGCCAGAAGAAGAGGAAGCAAGA GAGAGACAGCCGGAAAAAAAGGAGGAAAGGATTGGGAAAGGAAAGAGGGC C G G A G A A A G G G A G G G G G G G G G G GAACCCCGAAGGAAGGAAGACAGCCAG G GCCGGAAAAAGGGAAAAGGGAGAACAAAAAAGAGGGGAAGGGGGGAAAG G G G GAGGAAGGAAGGAGCGGGGCAAAAGAAACAGAAAAGGCACAGGAAGA AAAGGCGGAGAGGAGAAGAGAGAGGAGGGGGGACGGAAGGACACAGCCC CGGGGAGCCGGGGCAGGCAGAACAAGAGAGGGGAAGGACGGAAAGGGGG GGAAAAAGAGAACCGGAGACGGAAGGAGGAGGACAGAGAAAACCAAGGCC CCAAAAAAGGAAAAGGCCAGGGAGGAGACCGGAAAGGGGAGAAGCCGGAA GAAAGGAAAGAGCCGGGAGAGGAACAAGAGAAGGGAGGGGAAGAGGGGG AAAGAAGAGAGGAAGAAACGGAGAAAAAAAAGGAGGGAAGGAAACGGAGA CGAGGAAGGGGGAGAGGGGAGAAAGAGGGGGGGAGAGAGAGCCGAACAG G G G G G G A A G G A GAGAGGGAGGGGGAAAGGAAAGAAGGGAGAAACAGGAA AGGGAGAAACCTAGAGAGGCCAGAGAAGGAACGGGAAGAAGGGGGAAGGA A G G G G G A A A GAGGGGCAGGAGAAGGGGGGAGAAGGAGGAGAGGGGAAGA AGGAAGGAGACCAACCGAAAACGGGGAAGGAAGAGGAAAGAAGAAAGGAA AA G G ATGAAGAGAGGAAAAGAGACACGGAAAGGAAGGGGGAGAAAGAGGG A G A A G GAGGGGGGGAAGGAAACGAGGGGAAGGAAAAAAGGCCGAGAGGG GGGAAGACCAAAAAAGGCCGGGAAAGGGAAAGGAAAAAAAAGGGGAGAGT TAGGGGGAAAGGGATGAACAGGGAACCGAGAAGAAAGGGAAAGCAAGGGG GAAGGGGGAAGCCCCAGGGCAAACACAGAGAGAAGCCGGAAGACCCAGCA GAAAAGGAATTAAAGCCAAAGAAGGAAAAAAAAGGAGGGGGAAGGGGCCA GCAGGGGGAAAGAGGAAAGACCAAAGGCCGGGAGGAAAAAGAGGGAAAAC CAGGGGGGGAAGGGAGGGGGGGAAGGAGGAAAAGAAACCAAGAGGGGAA GGAAAAAGAAGAGAGAAAGGAGAAAAGGGGGGGAAAGAGAGAGGAGGGT TGAAGAGAGGGGAAGAAAGAAGGGGAAAGAAAAGGAGAAAAGGAAAAGGC

CGGGGAAAAGAGGACACGGGAAAAAAAAAGGAAAAGAAAGAGGAAGGAAA AAAGAAGAGGGAGAAAGGAACAGAGAACAAAAGGGGGAGGAAGAGAAGAG GAAAAGGAAAGAACATATTGGAACCAACCGGGGAAGGGGAAGGAAGGGGA AAAAAAAAAAAGGGGAAGGGGGGGGCCAAAAAAAAGGAAAAAAAAAAGGG GAACCAACCAAGGAAGGAAGGCCAAAAGGGGGGAAAAAAGGGGAAGGGGA AAA $\operatorname{l}$ GGGGGAAAAGGGGCCGGGGAAAAAAGGAAAAGGGGGGAAAAAAAAG G G G G G G G AAAAGGGGAAAACCCCAAGGGGAAAACCGGCCCCGGAAAAAAA AAAAAAAAAGGAAGGGGGGAAGGAAAAGGAAAACCGGAAGGAAAAGGAAG G G G G G A A G G A A C CAA G G G GAA G G G G G G G G G G G G G GAA G GCCGGAA G G G G AA G GAAGGAAAAAAAAAAAAGGCCGGGGAAGGAATTGGGGAAAAGGGGGA GGAAAAGAGAAAGGCCGGCCAGGGACAAACAACAAAAAAAGGAAAAGGAA G GAAGGGGGGGGAATTGGAACCAAAAAAAAGGAAAAAAGGTTGGCCGGAA AAAAAAAAGGAATTACAAGAAAGGAAGGGAGGAAGGAAGGCCCCAACCGG GGGGAAAAGGGACAAAAGAAAGGGGAAAAACCAGCCGGAAGAAAAAGGAA AAAATTAAAGAGCAAGCCAAAAAAGGCCAAAGGAAGGGAAGGCCGGATGA AGAAGAAGCCGGGGGGGGGGGAGGGGACGAAAGAGGAAAAAAAGAGGAG AAAAAAAAAGAGAAAGAAGGGCCGGGAGGCAGACCAGCAAGAGGGGGGGG GACAAAGTAAAGGCCAAGGGAAGAAGGAACCGGAAAAAACAAGAGAGGGA GAGCGAGGGCCCCGAAGGAAGACCCAAGGAGCAAAAAAAGAGGGAGGGAA GGGAAAGGAAAGGGGGGAAGGGAGAAAAAAAGGGAAAGGAGAAGGGGAA GAGGAAGGAGACGGCCGGGGCAAGAAGGGAAAAAAAAGGGAAAGAAGAAA GGCCAAAACCCCACGGCCACAGCCGAGGAAGGAAGACCAGGAAGGACAAG G GA $\operatorname{GAA}$ A G G G G GAAGGAGGACCGGGAAGAGGGCAAGCCAAAAAAGGAAAA
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GCAACCAGGCCGAAAGGGAAGGAGGGGGGAACCGGGAACGGAAAGAGCCA AAAACAACCACAAAGAAGGGAAAAGGGGGACAAGGAAACGGGAAAGGCCG GCCAACCGGCAGGAGGGAAAAGAAACAAAAAGGGAGACCGGGGCCAAAAC CAAGGAAGGAAAAGGGGAAGGGGGGCCAAAAGGAAAAAAAAAAAAGGAAG G G G A A A A A A G G G G G G GAAGCAGGGAGAGGGGAAGGGGAAGAGGAAAAAG A G G A A G G A G G A A ATGGGGAAAGCGAAAGGGGGACAAAAGGAGACCCAGAG GAAACAGGGACCCCGGGGGGAAAAAAAGGGAAGGAGAAAGGGGGGGACCC AAAAAAGGGGCCGGGACCGGAACCAAGGAAAGGGAAGGAAGGGGAAAAAA G G G GAAAAGGCAAGGGCAAACAAAAAAAAAGGGGCAACAGAGAGAAGGGA AAAAGGAGAGAGAGAACCAAAAGAAAGGAAAGAGGGGGGGAACCGGAAAC GAAGGAGAAAAAAGAGGAGGAGAAGGAGAGAAAAAAGGCCGGACAGAGGG AGAGAAAGAAGGCCAGGGACAAGGTTGGAAGGGGGAGACCGAGGAGGAAA AAGGAGACGAGGAAGGGGCCGGAAACCAAAAAGGGGAAAAGGAAAAAGGG GGGGGACAAAGGGGGGGGGGAGGAGGGGAAAAAAAGAAAACCGGGGGGA GGAAAGGAAAAAGGGAAAAGGAGAAGGCCGGAGCCGGAGAAAAAAAAGGA AA G G GAGAGGAAAAAGGGAAAAGGGGAGAGGGGAACCAGGAGGAGGAGG G G G G G G G GAAGGAGAAGGCCAAAAGGGAGAGGAAAGGGAAGGGAAGAGG A G G AA G GAAGGGGAATACCGGATGGACCAGGGGAAGGGAAAAACCAAAAA AA GAAAAAGGCAAAAGGAAGGGGGGGAAAAAAGAGGGAAAAGAAGAGAGA GGAGGAAGAGGGGAGAGGGGAAGACGGAAAACCGGAGGAAAAGAGCAGG AGAAAAGGAAACGAACAAACAGGGGGAAAGGAAACCAAGGAAAAGGGAAA GGTTAAAACCATAAGGAAAGAAAACCCCGGAGAAAGCAAGTTAAAACACC GGAAGGAAAAGGCCGGAAAAACCCCCAACCAGAGAGAAAAGGGGAAAAAA GGGGAGGAGAGAGGAAGGAGAAGGGGAAAAGGAAAAGGCCGGAAGGAAG GAAAAGGGGAAAAGGCCGGAACCCCAAAAGGCCAAGGCCAAAACCAACCG GGGAAGGGGAACCAAGGGGGGCCAAGGAAGGAAAACCGGGGAAAAAAGGA AGAGGAAAGGGGGGGCCAAGCGGAGAGCCATGGAGCACACGCCAAAAGGA AGAAAAGGAGGGGCCGAAAGGGAGGCAACAGGAGGGGATGGGAGGGGGG GGGAAAGGAAAAGGGGAGCCCCAAAGCAGAGGGGAAGGGGGGAGAAGAC AGAGGAAAGAGGGAAAAGGGAAACCCCGACCAAAAAAACGAAGGAGGAAC CAAGGAGAGGGACGGACCAGAAACAGCGGCACCAAGGGCGACCAAAGGGA AGGGAGGAAGAGGGGGGCCGAAAGGAGGACAGACAAGGAAGACGCCAAG GAGAGACAAGCAACACGGAAAAGACCGGCGAGGACAAGACCAAGAAGGCA G GCACCAAAGGGGAGGGAGGCAGGGGAAAAGGAAGAGGGGGGCCACGAC GAA $\ln$ A G CCOGGGGGGGAGGGGGAGGAGGCAGGAGGGAAGGAGAGGAAA AAA A GAGGAAAAGGAAGAGGGGGGGGAAGGAACCAACCGGCAAGAGGAGA AA $\operatorname{l}$ GGGGGAAGGAAAGGAGGGGAAGGAAAAAGAAAGGGGGGGGGAAGGC C G G TT G G G GCCGGGGAAGAGAGGGGGAGGTTAAA私AAGAAAGGGAGAC AA $\operatorname{GGGGGAAAAAGGGAGAAAAAAAAAAAAGAAGGGGGGAAAGGAGAAGGG}$ AA $\operatorname{A} A \operatorname{A} A G G G G C C G A G G C C G G A A G G G A G A A A G G G G C C G G G G G G C C A A G G A$ AGGAAGGAAAGCAAACAAAAAAAAACCAAGGGGGGGGAGAAGGGGGGGGA AGGCCGACCGGGGAAGGGGGACAAAAGGGACCGGGAAAAAGGAAAAACCA GGGAAGGGGCAGGACGAGGCAAACCGGGAACAAGGAAGAACAAGGAAAAA AGGAAAACCCCCCAAGGAAAAAAAAGGGGAGGGAGGAACAAAAAGACAGA AA G G GAA G GCCAAGGAGGGGAAGGAGGGGAGGGAAGGAAAAAGAAAAGG AA G GAGGAAGGGAGAGAAAGGGCAGGAAAAGGGGAAAAGGGACCAGGGG AGAAAAAAAGGAAGGCAGAGGGGGGACAGAGAGGAAGGGAAAACCAAAAG GAAAAGGAGCAGGAGAAGGAACCGGGGGGGGGAAGGGAAAGAAGGAAAA GGGGAAAAAAGGAACCCCGGGGGGGGGGAGCAGGAGGGGGGGAGAGCAC CGGAACCAGGGCCGGCCAAAAAAAACCGGGGGGAAAAGGCCGAAGAGGGG AAAAAAGAAACAGAGAGCAGACCAGGAGGCCAGAAAAGAAGAAAAAACAA AGGAGGGGAGGCAGGAAGGGGAAAGAAGGGGAAGGGAAGAAGGGGCCAA GAACAGGGGGGGGAGACCGAAAAAGGGGGGGGAGAAGACGAGACAGAAG GAA $\operatorname{A}$ G $\operatorname{G}$ GAGGGGGCCGGGGGGAAGGAACCGGGGGAGGGGGGAGGGAAGG GGCCGGAAAAGGCCAAGGCCGGAAGGGGAAGGGAGAAGAGAGGGAAGGG AGGGGAGGGGGGGGGAAAACCAACCGGGGAAGGGGCCAAAAGATAGAAAA AA $\operatorname{G} \operatorname{GAGGGGGGAGAGAGGAAGGAAGGGAAAAAGAAAACAAGGGGAAGAAA~}$ G GAA G G G GAGGAAGGAAAAGGGGAAAACCGGGAAAGGAACCGGAAAGCCC A G A G G G G ACAGCCAGGGGGAACAAGACAGGAAAGGAACCAGGGGGGGAAA AAAGAAAAGGGAAAGAACAGAGAAGGAGAAGGGAAAAACGGAAGGAGAAC ACAAAACGAGAGAAAAGGGAAAGAAAAGGCAAAAGGGGGAAGAAAAAACG

G G GAAAACCGGAGGGCCATGGAATTCCAAGAAAAGGAGGCAAGCCGGCAG GAGAAAAGGGAAAGGTTAGAAGGAAAAAGGGAGGAAAAAAGGGGAGAAGA GAGAAAGGGAACCACGGAAAAAAGGGGAGGGAGGGAAGAGGAAAAACACA GGAGAGGAAAGGGAGGACAAAAGGGAGAGGGACCCGGGGAGAAAAGAGA GGGAGGCCGAAGCCCCAACCAAGGAAGGAAAGCCCCAGAAAAAAAAAAGG G GCAGGAGGGGGAGAACCAAGGCCAAGGGGAAAAAAGGGAGAAGGGGGA AAGGGAAGGAAAAGGCCGGGAAACAGGGACAAAGGAGCCGGAAAGAAAAG GAGAAGGACCCAAACAGAAGGAGGGAAAAACCCAGATTTAGAAAAGGAGG GGGGGAAAAGGGGAAAACCGGAAGAACGGAAGAAAAAGGAGAAGGGAAAA ACCGGAACCAAAAAAAAAAGGGGAAGGAAAAAAAAGGGGCCAAAAGGAAC CGGAAGGGGGGGGAAAAGGAAAAAAGGGGAAGGGGGGAAAAACGGAAAA AGAAAGAAAACCGAGGGGACCAAAAAGGGGGGCCAAAAGGGAAGGGGGGA GAGGAAGGGGAGAGAAGAGAGGAAGGAAGGGAGGAAGGGGGGAGGGAGC CAAAAAAGGGGGGTTGGAAAACCGGGGAAGGGAAAAACCAAGGAAGGGAA A G G G G G G G GAGGGAAAAAAAGGACAGAAGGGGAACGGAGAGCACAAGGA AGAAAGGACAAAAGAGGGGGGGGGAGAAGAGGAGAAACGAGAAGAAGGC GAAAAGGGAACGAACGGGGAAGGAGAAGGGGAGAAAAGGAAGGAGAAGG A GAGGGAGGGAAGAGAGAAGAAGGGGAAAAACAGAAAAAAGGGGCCAGAA G G G G G G G AA GATAAGGAGGGCCAAAGACAAGGCAAAGAGAAAGGAAAGAG A GAAGAAGGGGGGAACAAACAAAGGAAGAGAACAGAGGAAAAAAAGAGCC AAAAGGGGGGAAGAAAAGGGAAAGAGGGCCAAGGGAAGAACAGGAGGGG AA $\operatorname{l}$ GAGGGAGGAGGGGGGGAACCAAGGAAAAAAGGGGGGGAGGAAAACC ACGAAACCGGAAGGCCCCGGAAAAAACCAAAGGAGAGAGGGGGGACAAGG GGGGAGGAAGCCCCGAAAGAACGGAAAAGGCCGGAGAAAAGACCGGGGAA G GCCGGAAGAGGAAGGAAAAGGACAAAGAGGGAGGAGGGGGGGGAAAGA AA GAAAGAGAGAAGGAACAGGGGGAGGGAGAGGTTAAAAAGAGCCGGGGA GAAAAGGAAAGAAGGAGGAAACCAAGAGGAGGAGACACGGAGACAAGATA GGGAAGGAGACGGCACCAAAGACGGCCAAAAGGGAAGGGAAAAAAGGAGA AGAAAAAAGGGAAGAGAAGAAGGGGACAGGAAAGGGAAGAGGAAAGAAGG GAAAAATGGAGGGAGAGGAAAAGAAAAGGAAGAAAGGAGCCAAGGGGGGA GAAGGGGGACAAAGAAAAGGGAAAAGGAAGGGGGGGGAAGGAAAAAAAAA ACCAAGGGGAAGGAACCGGAAGGGGAAAAAAAAGGGGCCAAGGGGGGAAA AAAAAAAGGAAAAGGAAGGAAAACCGGAAAAGGGGAACCCCGGGGGGAAA GAGAGGAAGGGCAAAGAGGGAAGCCGACCGGCCGGGGGAAAGGGGCCAA AGGGGGGGTTGACGAAGGCAAAAACCGAAGGGGGAGGAGAAGAGCAGAG G G G A A A GAAGGGGAAAACCAAAAGGCAGGAAGGGGAGGGAAGAAAAGAAC AA $\operatorname{A} A A A A C C G G G G G G C C C C G G A G A G G G C C G G G G G A A G G A A G G G G A A G G A$ AAAAACGGCCGGGGACGGGGAGAAAAGGGGCCAAAGAAGGAGGGGGTTG AAAAAGGCCAAAAGGGCGGGGGGCCGGCAAGGAAAAGAACCAAAAGAGGA GGGGAAAGGGGAGAGGACCAGAAGAAGGGGGGGAAGGAAAAAAGGGAGG AAGCAAAAAAAAAAGGAAGGGAAAAAGGGGAAGAGGGGCCGGAATTAAAA CACAGGAAGACCAGCAGAGACCAAAAGGAGGGCAAAGGAAAAGGAAAAAG AAGAAGACGCGGGGAACCGGAGCCAAAAGGAACCCCAAAGCAGGCCCCGG A G G G G G G A G G C CAAAGAAGAGGCCAAGGAAGGAGGGGGGAAAGGCCGGG G G GACCAAACCGGGAAAGGAAGAAACCGGAAGGCCAAGGCCGGAAAAAGA G GAAAGGCCGGAAAAACAAAGGGGGGGGGAAGCCAAGAACCCCAAACGGG AGAAAGGGGGGAAGGGGAAGGGGAAAACAGAGGAAAGGGAGCCGAAAAA GGGGAAAAGGGGAAGGAAAAGGAAAAGACCGGAAAACCGGAAAAAAGGAA AA G G G GCCGGAGAGGCGGGGAAGAGGGGGAATGGAAGGGGAGGGCCAAG GGGAAGGAAAGGGAAACAGGGAGGGAGAAAAACCAGGGGAAGAGGAAAG G G G G G G A A G G G GAAGGGGGAGGAAAGAAGGAAGGTTAAGGCCAGAAGGG G G G AAAAAAGGCAGGAGCCGAAAAAGGGAAGGGGAGGAAAGAAGGGGGG GAAAAGAAGGAAGGGAGAAAAAAACCCCAAGGGGGGAAAACCCCAAGGCC GGGGTTGAAAAAAAAAACAGAAGGAACCAACCGGAAAAGGAAGGGGAAGG G GAA G G G GCCGGGGACCAGAAAAAAGGGAGCCAGGAAGAAAAAAAAGGAG G GAGAGGGCAGCGAGAAAAGAAGGAGGAAAAAAGGGAAAAGGAAGGAGAA AA G GAAAAAAGGGAGGAAAACCGGCCAAAAGGGGAAGGGAAAGGGGCAAG ACAAAAGGGAGAAGGAGGGGAGAAAGCAAACCAAAAAAAAGGGGGGCCAG GGGAAGAGGAGGAGAGGGGGCCGGGGAAAAAGAGGGCAAGAGAAAAAAG GAAGGGGGAAGAGGGAAACAAGAGAAAAAGGGGGGCCAACCAGAGGGGG G GAGGGGGCAAAAAGGAAGGCCAAGGGAAGAAGGAAGACAAAAAGGGGGA

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$22007000-9$ GAAGGGCCGGGGGGGGAAGGGGGAAAGAAGGGAAAAGGAAGC CCCCAAGGGGGGCAGGAAGGGAGGCCAAAAGGAACCAAAAGGGGAAAAGG AACCGGGGAAGGCCAGAGCCGGGGAAAGCCAAGGAAAGAGAAGAAGAGAG AGACGGGGAAGGAAGGAACAAAAAAAGGAAGGCCGGGGCCGGGGAAAAGA AA GGGAGAAACCAAACGGAACAGGGAAAAGGGGAAAGGAGAGACAGCCGG AA G GAGAAGGGGGGAGGGGGGGAAGGAAAGGCGAATAGGAAGGAAGAAA AAGAACCAGAAAAGAGGAACCGGAAGGCAGGCAAAGAGAGAGGAAGGGGA AGGGGAAGGAAGGAAAGCCAAGGGGAGAAAAAAGGGACCAAAAAAAAGAG GGGGGAGACGAGCGGGAAAGGAAGGAACCAGAAACCCGGAGAAGGAGAAA GCAAAAGTTGGAAAAAGGGGAAGAACCGAGGAAAAAACAATCCGGGGCCG GGGCAGAAACCAAAAGGAAAACCAAAAAAAAAGAGCAAACCGGAAGAGGA AGGAAAGGAAGGGAAGAGGGGCCGGGGGGAAAACCAGAAGAGAACGAACA GACGGCAGGAAAACAGGGAAAAAGGGGGGGGGGAAGAAAGAAACCAAAAG GAGGAAGCCGGAAGGAAAAAAAGAGAGAAAAGGAAAAGGAGAGGACCAAA GCAGAGAAGGAAAGAGAAGAGGGCACCGCGGAGGGAGAGGAGGGGAGAA AGAAGAAAAAGAAACAGGAAGGGGCCAAGGAAAAGGCCGGTTGGGGAAAG GGAAAAACAAAAAAAAGAGGAGGAAATAAGCCGAAAGGGGGGCCAAGAGG AAAAACCCAAGGCAGGAACCGGGGAAGGGGCCAGACAAGGCCGGAACAAA GGAAAAGGAACCGGGGAAAAAAAAAAGGAAGGAAAAGGGGCCAAAAGGGG AAGGGAAAGGGGAAAACCAAGGGAGAAAGGGGACCAAAGGCAACAAAAAA CCAGAAGGAAGCGAGAGAGGGGGAGGGGAGCCAGGGCAGGAAAGAAAAG AACAAGGTAAGATCCGAGGAGAGCACAACGAGACAAAAAAAGAGGGAAGA AGGAAGGCCGGGGAAGGAGCCAGAAAACCAAGGGAAAAAAAGGAGGGACG GAAGAAACCGGACGGAAGAAAGAGGGGGGAGAGAGAGGAAGAGGAACAGC AACAAAGAGGAGAAGGGGGAAAACCCCAACAAACAAGGGAAAAAGGACCA AGACCAGGGAAGGCAGGTAGGTAGGCCAAGGAGAAGGGAAAAGAAAGAGG GAGCAAGAGAAGAGGCCGAGAAAAGGAGGGGGGAAAAGGACAAAAAGAAA AGGCAGAGAGGGGGGTAACGGAGGGCCAAAGAAAAGAAAGGGAGAGGGG AAAAGGCAAGGGGGAATTGGAAAAGGGAAACAAAGGAGCAGACAAAAAGG GGAAAGCAGAGGAAGGAGGGAAAAAAAAGGAAAAAAAGGGGGCAGGGACC AGAGAAAAACAGGGGGAACCGGCCAGCCAAGGCGCCGGAGCAAGAAGGCC AGAAAAAAAAACCCAGCAGAGAGGAGAAAAAACAAGAAGGGGGGAACCAA AGAGGGATAAGGAGGGAAAAGGGAGGGAGAAGAAAACCAAAGGAAAAAAG AAAGAGGGGGAAGGGGAGGGAAAAGGAAGGGGGGGGGGGGAAGGAAGGG A G GAAAAAAGGGAAAGGGGAAAAAAGGGGGAGGAGGGGGGGGACCGGGG GGAAGGAAAACAGGAACCCCGGAAAGAGAGCCGGAGCCGAAAAAAGGGAG GGGGAAGGGGCAAGCCCAAGAAGGAACCAAGGGGAGGGCCGAGGGGAGA GGAAAAACCAGAGGGAGAAGAAAGAAACCAAAGGGACCCGGGGAAAAAAG AGGATCAGAAGGGCCGGGGGAACGAAAGAGGCCAGAAAAAGGAGGAGGG GGAAAAGGGGAAAAAAAGGGGAGAGGCCGGGGAGAGAGGGGGGAGAGGA GAAAAAAGGACGAAAGAAACACAAAAAAAAAAAAGGGAAAAAAAAAGGAG GGGCAAACCAAAAGGAAGGAAAAGGGGGGAGACAAGGAGAGAAGAAGAAA ACCGGAAGGGGGAGAAAAACCAGAAAGAAACGGGGGGCAAACCGGGGGGG GAGAAGGAAAAGGAAGAAGGAAAAAAAGACAAGGGGGAAGGGAAGAGAAG ACAGAAAGGCCGGAGGGCCACAAGAGGACAAAAGGGAGGGAAAAACCAGC CGAGGAACCCCCCGGGGAACCAACAGGAAGGGAGGAAAAGGGAAAAAGGA AGGAAGGAAAAGGAAACGGGGAACAGAGACCCAGGGAAAGAAACCACGGC CGAAGAGAAAGGAGAAAAAAAAAAGCAGGGGCCGGAAGGAAAAAAGGGAA GGGAAAAAGCCAACCAAGGAAGGGGAAAAGGAAGGGAGAAGGAAGGGGAG GAAAAAAAAGGAAGGGGAGAAGGGGAAAAGGCCGGGAAGCAACGGAAAAC AGAGGGGGGGAAGGGAGGGACGGGGCCGGGAGGTAAGGGCCAAGGAAGG GGCCAAGGAAGAGAGCCAAGAGCCAAAGAGGGGAGAAAAACCGGGGAACC AAGGGGGGGGGGGGGAAAGGGGGAGGGAGGCGATAGTTAAGGGAAAGAA ACACCAGGAGGGGAAAAAACAGAAAGGGGGGAACCGGAAGGCAGAAGAGG GGGAAGGAAGGGAAGGGCCCAGGGGAAAACCGGGGAGCAGGAAAAAGAAT

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CGGCAAGGGAGGGAAAAAAGGAAGGAACCAAAACCGGAAAGAGGGCCAAA
 GAGGGAAGGGGAAGAGGAAGAGAGAACAAGGGGACCAAGGAAAGGGAAG GAACGGGGAATCCGAAAGGGGGAAAGGGGAGGGAAGAGGGGGGAAAAGG AACCAAAAAAGGGGAAGGGAGCAAAGAAGGGGAGAAAGGAGGAAAGGGCC AA GACAAGAAGAGGAAAAGGAGGGAAGAAAGGACGAGAAGAATTCCAACC GAAAAAAGGGAACAGGGAAGGACCAATAGGGGGGGAGAGAGAGACCGAGG AA $\operatorname{l}$ GAAGGGAGGAGAAGGAAGGGGGGAAAAAAGAAGAGGAAGGGGAGGA AAAAGGGGGAGGAAAAAAGCCGAAGGGGATAAAAGAAAAAAGGACAGGGG ACGAAAGGAGAAGGGAAGGAGAAAGGGCGGAGGGGGGAGGAGGGGAAGA AGGGACGGCCGAAGAAGGCCGACCGGGGAGGGGAGGAGAAGGGGAAAAA AAAGGGGAAGAAGAGAGGAGGGGGGGGGGACAGGGAAGAAGAGGGAGCA CCAGGGGGGGAAGGAAAAAAGGCCAACCGGAAAACCAGGGCCGGGGAAGA GGGGGAAGGAGGAGAAGAGGCCACCCGAGAGGAAAAAAAAGGGGAACCAG AACGAAAGGAGAAGGAAAGGCCAACAGGGGAAAAAAGGGGAAGGGGAAAC AGAAAGGGAGGGGGCCGGCAGAAGGAAGACGAGAAAAAGGGGGGGGAAC C G G G G A A G G G G G G G G A A G G A A A A A G $\operatorname{AAA}$ A G G G G G G GCCGGGGAA G G G G G G

 GGGACCAGGGGAAGAAAAGAGAAAAGGGGACCGGAAAAGGAAGAGGGAG G G A G G G GCCAGAAAGAAGGAAAAGAGAAAGGCAAGGAGGAAAAGGAAGGG GAAACAAAAAGACGAAAAGGAAGGGGGCACCAAAAAACAGGAGGGGGGAA AAAAGAAAGAGGGGGAAGGGGGAAAGGAAGGGGAAGGGGAAAAAAAGAAA AACAGCAAAGGGGGAGAACAGAAGAAAAAAAGGGAAGCCAAGGGGGGGGA AAAAAGGAAAAGGAAAAAAGAACACGGGGGGGAGAGACCAAGGCCAAGAA GAGGAGAAGAGAAGGCAGGGAAGAGAGAGAGGAGGCAAAAGAAAACATTG AA $\operatorname{A} A \operatorname{A} A A G G T T A A G G G G C C A G G G G G G C G G G A A A A G A G G A A G G G G G G G G A$ GAGAAGGAAAGGGGAACCGGGGGGAAGGAAAAGGAAAAGGGAGGAAGGG AAGAAGGAAAACCAAACGGAACCAAGGGGGGGGGGCCAAAAAAAAAAGGG GCCGGGGGGAAGGAAAGGAGAGGAGGGAAAGGGGGGGGGAAGGTTCCGG GGGGAGGGGGAAAAAAGAAAAGGGGGGAAGAGAGGAAGGAAGCCGGACG AGGGAAGGAAGGAGGGGAATTGGGGATGAGAAAAGAGAGGGGAAAGACC G GAAAGGAGAGAGGAGAGGACACAAAGGGAAAAGGAAAGGAACAAGGAGG AACACCGGGGAAAACAGAAAGGAAGCGGAAAAGAAAGAAAAGAGAGAAGA TAGGCCAGAGGAGGGGGAAGAAGGGGAAGGCCCCAATTGGAAGGAAAAGG GGAAGGAACCGGAACCGGGGAAGGAAAAGGCCAAGGAAAAAACCCCAAAA
 G G G A G G G G G G G A A A GAAAAAAGGGGCCAAGAGGGAAGGGAAGGAAAAGG AGGAAAAGGGACAAAAGGGGGGGAAAAGGAAGAAGAAGGAGGCCAAGGG GACAGAGAACCAGGCAAAGAGGGGGGGAAAAGGAGAGCGAGCCAAGGAGA
 AAGGCCGAGAAGCAGGAAGAGAAAGGAAAGAAGAGGAGAAAAAAAAAAGG AAGAACATCCGGGGGGCAGAGGGGAAAAAAAAAAAAGACAGGAGCAACCA AAGGAAAAGGAAGGGGAAGGGAGACGAGCAGAAGGGGGAAGACCAGGAG GCCCCAAGGGGGAAAAAAAGGAAAAAAAAGACCGGAGAAGAGAAAAAGGA AAAAACCGGGGAACCAAAAAAGGAGGAGGAGCCGGAGGAAAAGAACAAGG A G G AA $\operatorname{l}$ GGGAGAGGGAAAAAAAAGAGGCCAGGAAGGGAGGGAAAACCGG G G G A G A G A G G A G GAAAGGAGAGGAAGAGAGGGGGGAAAAATTACAGAAAA CAAAAAAGGAAGCAGACAAGGGGGGGGACGAAGGAGGGGGAGAAGGAGG GAAGAAGCCGAAGGAAGAGGAGGGGAAAACCAAGGGAAGGAGGAAACCCA AAAAAGGGGGGGGGGCAAAGGAAGGAAAGAGGAAGAAGAGGGGAAAGCA GACAGGAAAAAGAGGACCCGGAGAAGAAGAAGAGCCGAGACCAGAGAGCC G GAA $A$ AAAGGAGGAAAAAGGCCGGAGCAGAAGAGACCACACAGAGGGGGG CAAACCGACCAAAGAGCCGACCAGAGCAGGGGGGGGAAAAAGCCACAAAG CAGAAGCAAGGAGGAGGGAGAAAGGGGGGGAAAAGAGAAAACGAAAAAGG GGGGCCGGGGAGGGCCAAAGGAAGGAGGAAGGGGAAGAAAGGAGGGCCG AA G GAAGGGAGAGGAGGGGAACACAAGGGAAGGGGAAGGAAAAGAGAGG GGGACAGAGAGAGAGGAATTAGGGCAACACAAAAGAGAGAAAGAGGGAAA GGAGGAGAGGCCAGACAGGGAAAAAAGAAACCAAAGAAAAGGCAGGGAAA G G G G G G A GAAAAGGGGGAGAAAATCAAGGACCGGAAAAAGAGGGGAGAG G G G G G G G G GCCAAAGACGAAAAAAAAAAAGGCCGGAGACGGGACAGAGAG

GAGGAGAATCACCCCGAGACCGAGAAGGGGAAAGAATCCCCGAAAAAAGG AACTTGGGGAAAAGGAAAAAAAAGGAACCGAAGGAGGGGAAGAGAGAGAA AGGAAAAGGGGAAGGAGAAAGACAGGGGGAAGGAAAAAAACACAACAGAG GGAAGAAAGAAAGAGGACAAGGAAAGAGAACCCCACAGGAAGGAAAGAAA AACAAGGAAAGGCGGAAAGGGGGGGGGAAAAGGAAAGAACCAAAACCAGA GGAACGGAAAAACAACCGAAGCCAGAAGAAAGGGAAAACGGGGAAAACCA AAAAAAAAAGGGAGGAGAAGAAGGGCCGGGAAAAAGAGGGGGACCAGAAG GCCGAGGGGAGTTGGGGAAGGGAACAGAGAGAGAAGGAAAGAGAAGGGG CCGAGAAGCAAGGGAGGAGGGAAAGAGAAACCAAAAAAGGAGGAGGGGGG AAGGAGGAAAGAAAGAAGGGCAAAAAAGCCAAGGCCAGAGAAACCAGGGA GAAAAGAGGGAAAGAACAGGGGAAAAAAGGGGCCAAAAAGGAAAGGAGGA GAAGGGAGGAGAAGAGGAAAGAGGGAAAAAAAAGCAAAGGCCAAAAGGGG GGCCGACAAAAAAAAGGACCACAAAAAAAAGGGGGGAAGGAACCGGGGAA AACCGGGAAGAAGGAGAGAAGAGGGAAGAGGGGGAAAAGGGGAAGAGAA GAGGGTTGAGACCGGAAGGGGGGAAGAGGGAGAAAAGGGGAAGACGAAC GGGAGGAGGGCCAAAAGGAGAATTAAGGGGGGAAAAAAAAAAAAAAGGGG AAAAGGCCAAGGGGGGAAGGAAGGGGCCAAAACCGGAAAAAGGATAGGGG AA ${ }^{\prime}$ GGGAAAAGAGGGGAAAAAATTAAAAAGAGAAGGAGGAGGAAGGGGAA GGAAACGGGGGAACACAAAAAAAAAAAAAACCGGGGAAAAGGAGAAGAGG AAAGGACAAGGAAAAGAGACGGAAAAGGGGGGAAAAGAGGGGAGCAAAAG GGGGAAAAGGAAAGAGGGAAAGGGAAAAGGCCAAAAGAGGGGAAAATTGG GGGAGGAGAAGGAAAAGAGGGAAAGGGGAAGGGGAACCGGAAGAGAGGC CGGAGGGGAGAACACATAGAAGGGGAAAATTAAAGGGAAGGAGAAAGCCA GGGAGAGACCGAGAAAGAAGACCGGGAGAGACAACAGGGAGACGGGGGAA AGAACAAAGGGAAGGCCGACCGGCCGGAGGAAGGAGAGGAGACAAAAGGG GAAAAAGGAAAAAGAAGAGCAAAGGAAAAGGGGAGGGGAGGAACCAGGAA AGGAGGGCCAAAAGGGAGGAAAGAAGGAACAGGCAAGGAGGGGGAGAGG ACCCAGAAGGAAAACCAAAACCAGGAAGGGGGAAGAGGAGCCAAGGAAAA CAGGAAGAGACCAAAAAAGAGGAACCCCAGAGACAGAAAAAAGAAGGGAA ACCAGGGGGGGGGGGGAAGAGGAAGAAGAAAGGGAAACGGGGGGAAAGA GCCAAGAGGGAAAAACAGGAGAGGAACAAGAGAAGGGGGAGGGAAGGAAG GAAAAGGGGAAGGGGAACCAAACAAGGAGAGCAGGGAAGCAAGGAGAAAG GAACCGGAAAGAGAACCAGGGCCAAGGAAGAAAGGACGGAACCGGGAGGA GAAGGCCAAAAAAAACCAAAAGGGGAGGGGGGGAAAAAAGGAAGGGGAAC CAAAAGGAAAAAAGGAGGGAAGGAAAAGGAAAGGGGGGGGGAAAAGGGAA AACCCAACCGGAAGGTAGGCCAAAAAACAGGGAAAAAAACCGGGGAAAAA ACGAAGACACCGGACAAGAAGGAGGAGAGAAAAAGAGGGAACCCCAGCCG GGGAAGGGAAGGGGGCCAAGGGGAACCCAAAGGGGAAGACAAAAAGGGAC CCCGGGGAAAAAAAGAAACGGGAGAAGAGAGCCGGAAGGAAACAAAGGGG GGAGAAGAGGGGGAGGGGGCAGACAAAAGGAGGGAGAAGAGAGAGAAAG AAAGACCCAGACGGCCGGGGAGGGGAAGAGAACCGAGGAGACGGAGAAAG AACCGGGAGGAACCCCAAGGGGGGACCCAAAAGAAAGGAAGAGAACAGGG GGGGAGAGGAAGAGGAGAAAGGGAGGGGGGGGGGGGGAAGAAAAAAGGA GGAAGGGGGAAGAAAAGGGAAGGAGAGGAGAAAGGGGAGGAAGGAGGGA GGGAGGAAAAAAGGGAGAAAAAGGCCAGAAGGAAAAAAAAGGAAGGGGGG AAAAGGGGGGGGGGAAAAGGAAGGGGAAGGAAGGGAGAAGAGAAGGGGG GGGGGAAAAAAAACCGGAAGGAAGGCCGGGGAACCGGGGCCGGGGAAGG GGGGGGGGGGAAAAAACCGGAAGGGGGGGGCCGGAAAAAAAAGGGGAAA AGGAAGGAAAAAAAAGGGGAAGGAGGGAAGAAACCACCCAGCCCACCAAA AAAAAGGAAAGAAAAAGAAGGGGAAAGGAAAAAAACAGGGAAGATGAGGG AAGGGAGAGAGAGGAGGAAGGCCAAGAGGAACAGGGGGGGGAACCGAAG AAGGGAAGCCAGGGGAGGGAGGACGGGGCCAAGAAGAAAGAACAAAAACC ACCCCCAAAACCCCGGGGGGAAAAAAGAGGGGGAAAAAGGCCAAGGGACC GGAGGGAAGGGGGGGGGGGGCCAAAACCGGAAAGAACCCCAAAAAAAAAA GGCCAAAAAAGGAAAAGGAAGGGGAAGGAAGGCCGGAAAAGGGGGGGGA AAAGGGGCCGGAAGGAAGGAACGGAGGGGCCAAAAGGGGGGCCAAGGAA CCGGCCGGAAAACCAAGGAAGGAAGGGGGGAAAAAAGGGGGGCCGGAAAA AAAAAAGGGGGGGGGGGGAGGAAGCCAAAAAAGGAAGGAAGAGGACGGA AGGGAGAGGGAGGGGAAGGAAGAAAAGAGGGGGGGAGAAAAAGAGGAGA ACAAAGAAGGGGCAGACCACAGAACCGGGGTTGGGAAGAAAAGAAAGAGG AGACAACCAAGGGGGAAGAAGGAAGGGGAAGGAGAGGAGAAAGGCCGACA

AAA A A A GAGAGGGGGGAGGGGGAGGGGGAGGGAAGGAGGGGGAAGAGGG GGAAAGGGGGGGGAAAGGAGGAAAAGGGAAGGAAGGAGGAGAGGAAAGG AAGAAGGAGGCCGGAACCGGAAGGGGAAAAAAAGGGGAAAAAAAGAAAAA AGAGAAAAACCCAGAGAGAGAGGGAAGGAAAACCAGGGGGGGAACCCCGA G G G GAGGGGGCAGGGGCCAAGGAGAGGAGGCCAAAAAGAGACGAAGGAG A G A G GAAAGGAAGGGGAAGGGAAAAGGGAAAGGAACCGGGGAAAGAGAAA GCCAAAAAAAGGGAAAGAGGAAAAACAGGAAAAGGGGAAGAAACCGGGGG GAAGAAAAGCAGAAACCGAGGAGAACCGGGGAGGGGAAAGAGAGAAGAAC CAGAAGGAAGGACAGAACCCAGGACAGAAGGACGAGAGAGGGGAAGGGGG GAAAAGGGGAAGAACAAAAGGGGGGAAGGGGAAGGGGCAGGACAAGGAA AAGGACGGAGCCGAAAAAGGGGGAAAAAGAGCAGGAGAAAGGCAAGAGGG GGCCGGGAGGAACAAAAGGAGAAGGAGGAGAAAGGGGGGGAACAAAGGA ACGAGGCAGGGGGGGGGGGGAGGAGGGCAAGGGAAGGGGGGGGGGAAAA GGGGGGAAGGAAAAAAAAGAGAAGGAGGAAAAGGGAAGGGAGAACGGGA GAATTGGAAGGAGAAAGACACGGGGAAGATTGACCGAATGGAAAGGAAAC CGAAAGAAGGAAAGGAAGGGGAAGGCCGGGGGGGAGGGGAGCCAAAAGA CCAACCAGCAGGGAAGAAGGGGGGAAAACAAAGGGGAGCACACCCAGGAA CCGAAAGGCAGGGGGGCCAACCGGGGAAGGGGAAAAAAAAAAAAGGAAGA GAAGAAGGGGGAGGGGCGACAAGGTTGACCAAGGGGGAAGAGAAGGAAG GAACCAGAAAGCCGGGAAAAAGGAAGGGGAAGGACAGGAAGAGGGGGAAA AGGGGCCGGAAGGAAGAGGAACCACAAGGAGAGAGGGAAAAAGAGGAATA GAAAACAAGGAAAAAGGAAAAGGGGAAAAGGAGAAAAAAAAGGAAGGGGG G G GAA G GAA G G G GCCGGGGCCCCAAAAGGGGAAGGTTAAAAGGGGAAAA
 AA G G G GAAGGAAGGGGAAGGAACCTTAAGGGGCCAAAAGGAACCAAAAGG AA G GAAGGAACCAAAAGGAAGGAACCGGGGGGAAAAAAGGCCAAAAAAGG AAAAAACCGGGGAAGGCCAAGGAACCGGGGAAGGAAGGAAGGCCGGGGG GAAGGGGGGGGGGAAAAGGGGAAAAGGAAGGGGAAGGGGGGGGGGAAGG GGAAAAGGGGGGAAAAGGCCAAGGAAGGAAGGAACCAAAAGGAAGGAAAA
 A G G G G G G A A G G G G G G A A G G G GCCAAAAGGGGCCGGGGAAGGGGAAAAGG AAAAAAGGGGGGAAAACCCCGGAAGGAAGGCCAAGGAACCAACCGGGGAA AAGGAAAACCAACCAACCAAGGGGAAAACCGGCCGGGGAACCAAAAAAGG G GAA G G G GAAGGAAAACCGGAACCGGGGAAGGGGAAAAGGCCGGAAGGG G G G AAAAAAAAAAAAAAGGGGGGAAGGAAAAAAGGGGGGGGGGGGAAGG AACCGGAAAAGGCCGGAGCAGAAAGGGGAGAGGGAGAGGGGAGAAGGAG GGAAGTAGAAAAAGGAGGGGAGAAGGAAGAAAAGGCCGGAAGACAGAAGT TAAGAAAAGGGGAAGATCACCAAAAGGCCAAGGAAGGAAAAGGAAGGACA AACCAGAGGGGAGAAAGAAGAAAAACCAGAAAAGAAAAGGGAAAAAAGGA A GAGGGAAGAGAGAAGAAAGGGGGAGGCCGGCCGGGGAGAGAGAAGGGG G GAAAATTCCAAAGGGAGAGGGGAGGAGAGGGAAACGAGGAGAAAGGGAA AAAAAAGGAAAAGGAAAAGGGGAACCACAGAAAGAAAACCAAAGAAGGGA GAAAGACGGGCCGGGGAAGGCCCAACAAGGAAAAAGAAAGACAGGGGGAA CCAAAGGGAGGAAAAAAAAGCCGGGGAGAAAGACAAACAGGGCCAAGGGG GGAAGGAGGAAGGAGAGAGGGGGGAGAGACAGGGGGGAAGAAAGGGGAA AA $\operatorname{A} G \mathrm{GGGCCGGGGGGGAAGAGAGGGCAAGCAAGAGGAGGACGAGGAGGA}$ AGGGAGAAGGCCGGAAGGGAGAGGGAGAAGAAGAGGAAAGGGGGAAAAA AAAAAACAGGAGGGAAGAGGGGGAAACGGAAGGAAGGAAAATTGGGGAAA GAAAAAAGGAAGGAAGGAACCAAGAGGGGCCGGAGGGGAAAGGGGCCGG G GCCGGGGCCCCAAAAGGGGAAGGGGGGGGAGAAAAGGGAGAGGGAGAA A G G A G GAGGGAGGGAAATTCCAAAAAAGGCCAACCAAGAGAAAGGAAGGA A G GAGGGAGGGGCGGGGAGTAGGAAAAGGAACCAAGAGGGGGAAAAAGG AAGGGAAAAGGGAGAAGAAAGGAACCAAAGGAACGACCAGGGAACCAGGG AGGGAGCCGAGAAGAGAGAAAGAGAGCCAAAAAAAAAAGAGGCCGGCCAG G GAAGGAAAAGAGGGAGGAACCGGAAGGCCGGGGAACCAAGGGATTAAAA CAGGAAGAAAAAAAGGAGGGAGAGGGGAAGAGCCAGAGCAGAAAGGAGGA A G G AAAAAGGGAGAGGCCGGTTAAGGGGAAAACCGGAAAAGGGGGGAAG GAAAAGGAAGGAAGGAAAAAGCCAAAAGGGGCAGGGGACGGCCAAGAAAA AGGACACAAAGAGAAAAGGAGAGGGGACCAAGGCCGGGGGAAGGAAGAAG GAAGAAAGGCAAAACAGGGAGGGGGAAAAGAGGCAGACCGGGGGGGGAG GGACGAAAACACAAGGAGGAGAAGCCAGGGGGAAAGAAGAGGCAGGAAAG

ACGAAGTAAAGGGGAGGGACGGAAAGAGAAAGAAGGGAGGAAAAGAGAGG CCGGAAAAGACCAAGGAACCACAAAGCCAGAGAAGGAAAAGGGGAAAAAC G G G GAAAAGAGGAAAAAAGGAAAGAGAAGGGGGGGAGGAAAAAGAGAAAA AGGGAACACAAACAAGCCAACCAAGGGAAAAGAAGGGGGGAAAAGAAAAA G GCCCCGGAAAAGAGGAGACAAGGAAGGGGCCAGCAGGCACAGGAAGGAA AAGGGGAAAAGGCCAAAAAGAGGCTTGGAAAAAAAAGAGGGGGGGGGGGA GAGGGGGGATAAGGGGGGGGAACCGGGGGGGGAAAAGGAAAGGAGGGGA G G AAAAAGGCGTTAAAAAAGGGAAGGGGGGGGAATACAACCAAAGGGGGG GGGAAGGAAGGAAAAAACAGAGGAACAGGAGAACACAAAGGGGAACCAAA AAAAAAAAAGGAAGGGAAACCAAAAGAAACAAAAGAAGGAACCAAGGGGA AGGGAAACCGACCAGCCAAAGAGAAGAGAAAGAGGGAGGGGGAAGAACCG AAACAAGAGAAGAGGGGCCGGCCGGGGGGAAAACAGGGAGGAGAGAAGG AAGGCCAAGGAAAAAAAAAAGGAAGGGACCAGAGAAACGAGAGGAAGGGG AACAAAAAGAAAGGGGGGAAAGAAAAGAGGAAGGAAGGAAGGGACAAAAA AAGGCAAGCACCCCGAAAGGAAAGAGGAAGAGAGAGCAGAAAGGAAAGAA GGAGAAGGAACAGAGAGAAGAGGACAAAGAAAGGGGAGAGAGGAGGGGA AA G G G G G ACAGGGCAACGGAAGAGGCCACAACCAAAAGGAGGGAGAACGA ACGGAGGGGGGGAAACCGGAAAAAACCGGAAGGGGCCAAAAGGAAAAGGA GCAGGATAGGGGGAGGAAGGGAGCCAGGAAAGGGGACGGAAGGAGAAGG GGAAAGGGCCGGGGACAAGGGGGGGGAAAAGGCCCCGGGGAGGAGGGAG GAAGAGGCCGGGGAAAAAAAAGGAGAGAGGGAGGCAAAACCGGGGCAGGA A G G G GCCAAAAGGGGAACCGGAAGGAAGGGGAAAAGGGGGGAACCCCGG AA GAAAGGAAGGCCAGAAAAAGAGGGGGAGAGCGAACCAGGAAGGAAGAA AA G GACGAAGGAGAGGCCGAAAGAAAGGAAGCCACACCGGAAGGAAAAAA CACCGAGGAAGGAAGGAGAAAAAAAAAAGAAAGAGGAAGGCCGGGGGGAG CCGGCAGGGGAGCACCAAAAAAAAGGGGCAGAAGAACCAAGGAGAGGGAA AA $\operatorname{A} A \mathrm{~A} G \mathrm{GGGG} \mathrm{G} A \mathrm{~A}$ GAAAAGGAAGGGGAAAGAGGGAAAAGAGAGGAAGGT AAAAAGGGGAAAGAAAGGAAGAAAAACAAAAAAAACCAAGGGGGGCCAAA AA G G G G G G GCAGAGAAGCCGGAAAGGGAGAGGAAACCCCAAAAGGCCGGC AGAAGCAAAACAACAGGCAAAGGGGGGAGAAAAGAATGGAACACCCAACA GAAGGAACCGGGGGGCCGAGACCAAGAGGAGGAAAAAAAAGGGAACCGGA GCCGACCGAAAGGGGAAAGAGGGAAAAAAAAAAAACCAAAGAAACGACAC CAGACGGTACAGGAAAGGGGAAGGAGGAAGAGGGGAAAAAGAAAAAAGGA A G AAA $\operatorname{A}$ GGAAGGGAAGGGGAAAGAGAGGAAGAGAGGGGGAGCCCCAAAAA AAAAAAGGGAGGAGGGGAAAAAAAACCGGAGAGAAACAGGGGAACAGAGA GAACGGGAGGGAACAAAGAAAGGCCAAAAGGGGGAGGAAGGGAAAGACCG GCCAAGGGGAACCGGGGAAAGGAAAGAAGGACCGGTAGGGGGGAAGGAA AAAAAGAAAGAAGGGAAAGGGAGGGGAGAAAAAAAAGGGAGGGAAAAGGG GGAAACGACAAGTAAAAGAAGGAGAGAGCCGGAAGGGGGGGGGGGGAAC CAAAAAAGGGGCAAAAGTAAACCCCAGAAGGGGAAGGGGGAGACCGAGGA AAAAAAAGAGGGAGGCCGGCCAAGGGGAGAAAAGGAAAAAAGAGAAAGGA AGGAGCAAACAAAGGCCCGAAAGGAGAAGGGAGAGGGAAGGAACCGGGGA A G A G G G G G G GAGGGGAAGGCAAAAAAGCCGGCCGAACAAGGGAAAGAAGC CGGGGAAAAGGGAAAGGAGGAGGACGATAAAGGGAAAGGAGCCAAAGGAA AAAGGCCAAACAGGGAAGGAAGAGAGGGGGAGGGGGGAAAAAAAGGGAG GAAGGGAAAAAGGGGAGAAAAGGGAAAACCAATTGACCGGATCCGGGGAG ACAAAACAGGAAGGGGAAAGACAAAAAGAAGAGGGGAGCACCGGAAGGTT CCGGAAAAAGCCAAGAGAACAGAGAGGGGGAGCCGAAAGGAACCGGAAAG G G G G G A G GAAGGAAAAAGGGCCGGAAAGAAAGACAAAAAAGGGGACCCTA G GAAA G G G GAAACCGAGGCATAGGGGGGCAGAGGGGAAAAAAGGGGAGG GAGGGGGGAGAAGAGAAGGAAGGAGAGACGGGGCCGGGGAGGAAAGGGG CAAGAGAGAAGGGGAAAAAGGGAAGGGGAGAGCAGGCCAGAGAACCACGG GAGGAAAAAAAAAGGGCCGGAAGGGGGACCAACCAGGGGAAAAACCAACC AA $\operatorname{G} \operatorname{GGGGGAAGGAGCAGGGGCAATGGGGGAGGCAACGAGAAGAGAAAAG~}$ GAACCAACAGAAGCCGGGGAGAAAAGAGAGACAAGGACCGACCAAAAGAA AA GCAAAAAGAGGGGAAGGAAGGAAGGGGGGAAGGGGAAGGAAGGAAGG G G G GAA G G G G G G G GAAGGGGAAAAAAAGAGGAAAAAGGAACCGGAAGAA AAAAAAACCAAAAAAGGGGGGAACCAAAAGGAGAAAAAAGGAAAAAAAAT TAGCCAGAGACAAAGAAAGGAGGAAATGAGGCCGGAGAACAAGGAAAGGG AGAGGGACCGAAAGGAAAGCCCCAAAAGGGGAAGGGGAGAAGAGGAAAAG AAAGAGGCCGGCCAAGGCCAAAAGGCCAAAAGGGGGGAAGAGGCCGGAGA

GGGAAGAGAGAGAGACCGGAAAGAGAGGAAGAGAGAAGGAAAAGAGGAGA AAAAAAAAGGGGGAGGAAAAGCCATGGGGGGAAACGAAGAGAAAGGAGAA AGGAGCCAGGAAGAGAAAAGGGGAAAAGGGGGGGAAAGGAAGGCCAAGG AACCAAGGAAAAGGAAGGCCAAGGAAGGCCGGAAAAGGGGAAGGCCGGGG GGGGAAAAAAGGAGAGAACCGAACGGCCGGCGGGGGCAGGGGGAAAGAG G GAGGAAGGGGAAGGGGAAGGAAAGAGGGAAACGAGGGAGAAGGAGGCC AAAAAAGGGAGGAAAAGGGGAGGGAAGGGGAAAAGGAACCGGGGGGGGC
 GACCGGAAAGGAAGGAGAGGAAAAAGGAACAGACGGAAGGGGACAGGGCC GGGGAAAACCGGAGGAAAAGAAGAGGAAAAGGAGGAGACCAGGGGGAAAA AGGACCGGAGGGAAGGGGGGCCGGAACCAAGGAAAAAAAAAACCGGAAGG AGACCCGGCACCCAACAAGGAGGGGGAAGGAAACAAGAAAGGAAGGGGGG CCGGCCAGGGGGCCGGGAGGAGGGGGGGGGGGAAGACCATAGAAGGCCA A G G G G G G GAAA G GCGGGGGAAGGAACCAAGGGAGGGGGGCCGGAAGGAG GGAAAAGGAGAGAAAGGGGGGGAAAAAAGAAAAACAAGAAAAAGGAGGAA AAAAGGAGGGAAAAACGGAGAAAAGAGGAAGAAAGGGGAAGAAAGGACGA GGAGAAGGAGGGAGAGAAAAAACCGGAAAGGGGGGAAGCCACGGGGAAG GAAAAAGGGGAGGGGAAAAGGAGGGGGAAAGGAAGGAAAAAGGCCACGAA CACGGGGAGGGGGCAGGGGAAAAGGGGCCAGGGAAAGCCCCAGAAAAAAC CAAAAAGGAGAGGAAGGGGAGCAGAAGAGGAACAGAAAGGGAAGGGGAGA GGGAACCAGAAAAAAAAGGGGAAAAGGAAGAAGAAAAGGAGAGGAGGGGG AACGAGGACGGGGGAAAAAAAGGAAAGAGAAGGGGGGGAAGGGGAAGGG CCAAGAAGAAGGAAAAAAGAGGCAGGGAGAAGGGAGAAGGAAGGCCAAAA G GCCGGGAGGGAGGAGGAGGGGAGGAAAGGGCGAGGGGAGGGGAGGAGA AA GAGGGAAAAGAGGAACAAAGGGGAACCAAAGAGCAAACAGAAGAGGAA GGGACACGAACAAGGACAGCCGGATGGAGAGAGAGGAGAAGAGAGGAGGA AGGGGAAAGAGAAGAAAGACAGAGAAGAAGGGGAAGGAAGGGGGAGAAA GGAAGGGGGGAAACCCGAGGAAGGAAGAGAAAAAAGAAAGAGAAAAAAAA AAAGGGAGAAAAAGAACCGGGGAAGGGGAGCCAGGGAGGGAGGAAAAAG GGAGACAAAAATTAACCGGGGGGGAAACCAAAAGGAGATAAAGAAGGAAA AGAGGACGGGGCCGGGGAGGGGGAAAACCAAGGGGAGAACCGGAAAAGA GAGGAAGAAGAGGACCAAAAAGCCGAGAAAGAAACAAAAAAGGAGGGGCC AAAAGGGGAGAAAACCAACCAAAAGGAAGGGAAAGAAAGGAAGGAAGGGG GATAAGCAAGGGAAAGAGAGAGGGGAACCGGGAAAAAAGGGGAAAAAAAG AAGACCAAAGAGGAAAGGAAGAAAAAGACAAAGAAAAGAAAGAAGGCAAG GAGGGAAGAGAGGGAAAAAAGAGGAAGGAACCCAAAAAGAGAACGGAAGG AAGGAGACAAAAGGAGCCAAGAGAAAGGAAAAGAGAAAAGGACAGGGGAA G GAAGGAGGAGAAGGAAGGAAGAAGAAAGGCCAAGGAGGGAAAAAGAACC AGCCAGAAAAAGGGAAGAAGCGAAAGGGAAGGAAAAAACCAGAAAAGGGG AAAAAAAAAAGGGGAGCCCCAAGGAAAAGGGGCAGGACAGGAAAGAGGGA A GCAGGGGGAGAAGGGAAGAAAAAGGGGAAAGGGGAGAACAGGAAGAGA GAAGGGGAGAAGAGGCGGGAACACAGGAGGGAAAAGAAAAGGGAACCGG G G G G G G A A G G G G G G G A A A G GAAGGGGGGAGGCAGACCGGAAGCAAAGGG AGGAAGGGAGAGAAGGAAACCGGACAAGGGGAAGGATAGAGGAAAAAGGA A G G G G G GCCAAGGGAAGAAAACCAAGGCCGGAGGGAAAAAAAAGGAACCC AGAAGAAAAGGGGCCGGCCAATTAAAAGGAAAAGGAAAACGGGGAAGAGA GAAAACCGGAGGAGCCCAGCAGGAAAACCAACCAAGGAAAGGAGGGCCCG AAAGGGACGAAGGACTAAGAGGGAGAGAGAAGGAAAAGGAAGGGGAAGGA A G GA $\operatorname{A} A A G G G G G G C C A A G G G G C A G G A A C C G G C A A G G G A A A A G G A G G A G A$ G GCAACGGGAAGACGAGACCAAAGGGGGAGGGGGGGAAAACCGGCAAAG GGGAGAAAAAAAAGAAAGGAAAAGGGGCAACAAGGGGAACCTTGGAAAAC CCAGAAGATAAATAAGGGAAAAAGAAAGAGGAAAGAGGAGAGGAGAAGGG GAAAGAAAAAAAAGGGGGACCGGCCAAAAGAGGCCCCGGGGGGAAAAGGG A GAGGGGGGGAGGATGAGGGGCCGGCAGGCCCCACGACAGGAGAAGAGG G G G GCAGAAGAATTCCAAAAAAGGCCGCAAAGAAGGACGGCCGGGGGGGG AACCAGCCGGGGCCGGAAAAGGGGACGGTAAAGGGGAAGGGAGAGGGGA AAAGGCAGGGGAAGGAAAAGGAAGGAAGGAAAGGGGGGAGGGAAGGGAA GGAAGGCCGGGACCGGAAGGCCGGGAGGGGCCGGGGTTGGCCGGAGGCG GAAGGACTTAAAAGGGGCCAAGGAAAAAGAGGGGAAAAAAAGGGGAATTA AGGGGAGGAAGAAGGCGAGAAGGGGAGAAAGAAAAGGAAGGAAAGAGGA AGGGGGACGGGGGACCGGAAGGGGGAGAGGGGGGGGAAGAAAAGAATTC

CGAGGGGAGAAAGGAAAGGAAAAGAAGTTGGAAGGAAACCGGGCCCAGAA
 G GAAAAAAAAGGGGAAGGGGAAAGAGGGGAAAGAAAGAAGACAAGGCCGG GGAGGAGGCAAAGGAAGGAACCAAAGGGAAACGACCGAAAAAAAGGAATT GGTTAAAAAAGAAGGAAAAGAAGGCGAAAGAATTAAAAAAGAAGGGGGGG G G AC G G G GAGAAGAAGAAGGGGGGGGAAAAAACCAAGGGGAAGACCCAAG G G G GAGAAAAAAGGGGAGCCGACCAAGACAAGACAAAGAACCGGGGAAAA GGAACCGGAAGACAAAGGGCGAGGAAAAGGGGAGGAAGAGAGAGAAAGAA GACAAAGGAGAGAACCGGAGAGAGAACCAGCACAGGAAAAGCGGAAAGGG CCAGAGGGAGGGAAAAGGAAGGGGAAAGAAAAGGAAGAAAGGGGCCGAG GGAAAGGCCACAACAAAAAAAAAGGGGCAGAAGGGACAAGGGGCCGGGAG GAACCAACCCCCCGCAGAAGGAAGAGGAGAAGACCAGGGGGCAAACAAAA GCAGAGAGGAGGAATAAAAGGAAGGAAGAAGGAAGAGGGAAAAGACCAAA AGGAGAGGGGGGGAGGGAGGGGGAAAAAAAAGGAGAAAAAGAACAGGGG AAAAGGAGGAGAATGGAGACGGGAAGACGACCCCAAAACCCCAAAAAAAA CCAAAAGGGAAGGGGAGGCAAGAAAAGAGGAACAAAAAAAGGGGAAAAGG GAGGAACCAAAATTGGGGGGAAAAAAAAGGGGGGGGGGGGCCGGGGAAA AAAGGGGAAAAGGAAGGAAGGCCAAAAAAGGGGAAAACCGGAAAAGGAAC CCCGGGGGGAAAACCAAGGGGGGAAAAAAAAAAACCAAGGGGGGCCGGGGG GG GAAAAGGAAAAAAAAAAAAAAGGAAGGGGGGGGAAAAAAAAAAGGCCC C G G G G G G G G G GAA G GAAGGAAAAGGGGAAGGAAGGGGAAGAAACCGAGA A G G G GAA $\operatorname{l}$ GGGAAGAGAAGGCAAAACGGAGGGCCTTGGGGCCCCGAAGG C GA $\operatorname{l}$ GGGAAGGGGAAGGGGGGGGAAGGAAAAGGTTGGGGGGGGAAAACC G GAAAAGGAGAGGGAGGAACAGGGGGGGCAAAGGAGGGGGGGGAGGAGG AAGAAAGAACCCCAAGGGGAAAGGAGGGGGGAAGAAAGGAACCGAGGACT TGGGGGGAGAGAAGGGGAAAGGGAAGGAAAGAACAAAGGCCAAAAGAAGA AAACGAAGGGGGGGAGGGGAAGGAGAAGGGAGGAAAAGGGGAGAAAGCA G GAA $\operatorname{A}$ GGGCCGGGGAAGGGGGGAGGGAACCAGGGGACCGAAAAAAAGGA AAAGGAAGGGGAAAATTAAGGGGGAACAAAGGGGGGGAGAAGAGGAGGG AACCAAAAAGAAAAGGAGCCAAGGAAAAAACCAACCGAGAAGAAGGCATT AGCAATAGCCAACCAGAGGGAAAAGGAAGGGAGAAACAAAAAGAGGGAAG G GAAGGAAGGGAGGGGGGGGCAGGAACCGGCCAAGGAAGGAAAAAAAAA GAGGGAAGGGAAAAGGGGGAAGGGGAAGGGGAAAACCGGAAAATTAGAG AAAAGGGGGGAGAAGGAGGGAAGGAGGGAGAGGGACAAAGGGAGAGGAA GCAAAAGCCCCAGGAAAAAAAGGGGGGGGGGGCGGGAAGGGGACCGCCC GAAGAAAGAACCCACAAGAGAGCCGAAAGAACAAGAGAGAGAAAGGGGGG GGAAGGGGAAGGGGCCAAGGAAAAAAGGAAAGGGGAGATTGGGAGAAAA GAAGAGAAAAGAAGGGGGAAGAAAATTAAAAGGGGGGAAAAGAGAACCAA GAAGGAAGAAACCACAAACAGGAGAGGAAGGAAAAAGAGGGAAGGACAGC CGAGAAAAAAAGGGGGGGGGGGGCCAAGGAACCGGGAAGGAAAAAACAAA GACGGGGGGGAGAACGAAAACGGGGGGGGGAAGAGGAAGGGGGAAAAAA AA $\ln A \operatorname{GAGGGAGACCAAGGGGAACCGGAGGGTTCGAAGAGACGCCCAAACA~}$ GAAAGGGAACGAGAAGAAAAAGAAAGGGAGAAGAAAAAGGGGAAAACCAA AGAAAAAGAAGAAGGAGAAAAAGGAAGAGGGAAGAAGGAAGGGGAAGAAA GATAAAAAAAGGAAGGGGCCGGGGGGAACCGGCAGGAAGAAGAAAAAAGA AGGGAGGGCAAAGGCCGGGGAAGGGGAGAAGGGGAAAAGGCCAAAAAACC GGAGAATTGAAAAAGAAAGGGAGGGAGAAAGGAAGGAAGAGAGAACCCAG G GAAACGGGGAAGGCCAAAAGGGAGGGGGAGGGGGAAAGGGAAAGAAAA A G G G GAA G G G G G GAA G GCCCCGGGGAACCGGTAAAAAGGGGGGGGGGCC CCAGAAAAGGCCAGAGCAAAGGAGGGAAGGAAAAGGGCACAGGGAACCAA CCCAACACGGGACCTAAGAGAAGGAAGAGGAAGGGGAATTAAAAGGAGAG A G GAGGAGGGCCAGGAGGAAAAGGGGGGAAGGACGGGGGGAAGGAAAAG AAAAGGGGGAAGGAAAAAACCGGCCAAGGAAGGGGGAAATTAAACGGAAA ACCGGGAAGGGCAGGGGAAGGCCAAAAAAGGAAAAAAAAAAAATTGGAGG GGAAGCCGGAAAGAAAGAGGAACGGAAGAAAGGGGACGGGAGGAGGGGG ACCCGAGGAAGAAGGGAAAGGGGACGAGACAGCAAGGGAAAGAGAGGAGG AACAAAGGAACACCAAGGGAGAGGGAGAAGCAAGGAACGAGAGAGAGAAA AAAAGGGGAAAAAACCAACCAGAAGAGGGAAAGGGAAGGAGAGGGGGGGG GACCGGAAAGAAGAAGACAAGGAAAAGGGGGGGGCCAAGGGGAAAAGGG GGGAAAAGGAAGAAAGGAGAAGGAAGGCCAAACGGAGAAGGAGGGGGAA GAAAAGGAGGAAAAAAGGGGAGGGGGAGAAGGAAGGCCGGAAAAAGAGG

G G GCCGGGGAGGGAGAAGGCCGGGAGGAGAAAAAAGGAACCAAGGAAAG GAAGGGACGGAGAAGGGGGGCCAAAGGAGGAAGGGAAGAAGGAAAACCG GCCACAAGGCCAGGAGGAGGAAAGAAGACAGAAAAAAAACCGGGAGGGGC C GAAAACCAGGGGGGCCAAGCAAGGAAGGGGGGGGAAGGGGAGAAAGAA G G G G G GAGGGAAGGAACCAAAAAGGGAGAAAGCCAGAAGGGGAAAAAGAT G G G GAACCAAGGAGAGAGGAACCGGGAGACACAACCAACAGAGGGGGACA AGAGAGAGGGAACCTACAAAACACGGGGAACGAACAGGCCGGGAGAGGAA GGGAAAAAGAAAGGAACCAGGAAGAAGGGGGAGGGAAAACCCAAGAGGGG GCAGACAAGGCCGGAAGGAAGAGAAGAAAACCAGACAAGGCCGGGGGGAG CAAACAAACCAAGGGAGGAAAGGAGGGGGGAGAACCAACAGAGGAAGAAG GAAAAAGGAAAGAAAAGGAGCCGGCACCAAGGAGAGGGGGGAGGGGGGA GAGGAACAACCAGAAAAGGAAAAAAGAGGGACCAGATGGAAAAGGAGAGG AGGGGCCGGAGAAGGGGGGAGAAACGAGGAAAGAAGAAGAAAAGGAGGC GGGAGCAAGGAAGGGGGGGGCAGGGAAGAGAAAAAGAACAAACAAACCGG AAAAGGAAAAGGGAGGACCCGGAAGGAGAAGAGAGGAGAAGGGAACGAGA AAGAAGGAAGACAGAGGGAAGAACAGCACAAGGGGCCCGGAGGAAAAAGA C GA G G G GAAGGGGGGAGGAGAGAGAAGAGGGGAAGGAAAAAGAGAAAAA AAAAGGCGACAAGGAGGCAAGAGGGGAAGAAGGAAGGGAAGAAAAGGGGA CGGGAAACACAGGGAGAAAGGGAAAAAGGGGGGGGAAAAAAGGCCGGTAT TGCGGAACCAAGGGGGGGGGAGGAAATAGAGGGGGAGAGGAGGGGAGAA A G G G G G A GCCGGAAGAAAGACCGAAGAGAGGAAGGAGGGGGGGGGGGAG G G G A G G A GAGGCCGGAGGAAGAAAGAAGAGGGAGAGACCGGAAAAGAAAA GGGAGAAAGGGAAGGGGAGCCGGAGCAAAAAGGAAGGAAAGAGAGAGCC GAGAAGGGAAGGAGAAGGGGAGAAGGAAGGGGAAGGAGGAGGAAGGAAA AGAAAAAAAGGAGGGGGCCCCGGAGGAGAGGGAAGACACAGAGAAAAGAG AA $\operatorname{G}$ GAGGACAAAAAGGAGGAAAGGGGGGACAAAGGGGACACGAGGCCGGA A G G G G G G G G G G G ACCGGCAGAGAAGCCAAGGAGGGGGAGCCACGGAAAA GAAGCAGGAAGGGACCAAGGCCCCGGCCACAAGAAAGGAAGGAAGAAAGG GGAGAGGGGGGGAAGGAAAAAGGAGGCCGGAAAAGGAGAAAAAGGAGAG GGGCCGGACGGGGAAGGGAGCACGAGAAGAGGGGAGGAAGGAAGGAAGG CCGGTTGAAAGGCCCCGGGAGAAAAAGGTAAGGGCCAAGGGGGGGGGGA AAAAGGGAAAGACAAAACCAAGGAAAATTAAAAAAGGAAGGAAGGGGAAA AAAGGAAAGGAGAAAAAGGAACCCCCCAAGACCGAAAGAAGAAGGGGAAA AAAAAGGGACCAGGGAAGAAGAGGACCAAAAAAAAAAAAGGACCCCCGGC CGGGGGAGAAAGGGGAAAGAGGAAAAAAAAACAAAAAGGCCAAAGGAGGC AAACCGGGAGGGGAGAAGGGGAAGAGGAAGACAGGAAGGAAGAAAAAGGA AAAAAGGAAAAAAAAAAGGCAAAGAGAAGGGGGAAAGCGGAAACCGAAGG G G G G G CCGACAAGAGGGGGACAGCCGGAAAGGAGAGACAAAAAAAAAGGA AGGAAAAGGAAAACCGGGGGGGGTTGAGGGGCCAAAAAAAACCGGGGAAA A G G G G G GAGAGGGGGCCGGGGCAAAAAAAAAAGGAGGGGAAAAGAGGAA G GAGAAAGAGAAAAGGGGAGGGACGGAAAGACGACAAAGAATGACCACAA AAAACCGAGGAAGGGGAAGGTAGGAAGGAAGGAGAGGGAGAAGAGGAAAA AGGGCCAAAGGAAAGGGAGAGGGGGAGACCGGAGGGCCCAGGAAAGGGG AGAACAGAAAAAAAAGGGGAAAACCGGGGGGGGGGAAGAGGGGAGAAAAG GGGGGAAAAAACCAAAAAGAGAGAGAAAAAAGGAAAGGGGAGGGGGAGGA AGGAAAGAAGGAAAAGGGAAAGGGAGGGGAAGGAGAAAGAGAAAAAGAAG AGGGGAAGGAACCGGGGGGGGAGAGAACCAAGAAGGGGGATGGGGAACC AAAAAACAAGGGCCCCGGAAAAGGAAGGAAAAAGAAGGGAAGGGCCAAGG A GCAAATTGGAAGGAAGGGGAAAAGGAAAAAAGGGGAAAAGGAGCACCGA CAAAGAAGACAACGCCAAAGGGAAGAAAACGGGGAGAGGGGAAAAAGAAA AAAAAAAGAAAACCGGAAAAAAGGAAGGAAGGGAGGAAACAGAAGGGGGG AAGGAGAAAGAAAATTGAAAAAGGAAGGAAGGAAAAAGAAAAAAAAGGGG GAAATTCCCCAGAGAGGACCAAGGAAGGGACAAGGGGGAACAGAACAAAG GACCAAAAGAGGAGGAGGAAAAGAAGCCAAGAAAGGGAGGGAGGAGGAAG AGGGGGAAGAGGGGGGAAAAGGGAGCAAAAAACAGGGAGGGGAAAGGAA GGAAGGAAAGGGGGGGGGGGGGGACAAAAGGCCAAAAAGAGAGAGAGAA GAAAACAAGGGGAAGGCCAAGAAAAGCCGGAAAAGAAAGGGGACAATTAA AGAAAAAAAAAAGGGGAAGGGAAAACAGGAAAAACCAACCCAACAAAGAG AAAGAAGGAACCAAGGAAGGGAGGAGAAAGGACAGGGACCAAGGGGCCGA TAGAAAGGGGCCAAAAGGAAGAGAAAAAGGGAAGAAGAAGGGGGGGCCGG GGGAAGGGCCAAAAAGAAGGAGAAGAGAAAAAAAGGAAAAGGGAAAGGAA

AAAGAACCAGAAGAGAGGACCCAGGAAGAAGGAAAAAAGGGGAAAAGGAC GAAAAGGGGGCAAGAAAAGGAAGGAAGAGGGAAGGGAGAAGAAGAGGACC
 ACCGGCCAGGACGAGATGGGGAAAAAAAGAGAGGGAAAGGAAGAAGGGGG GAAAAGGAGGGAAAGGGAGGGGGGGAACCAGGACAGGAAAGGGAAAACA G GCAGAGAGAGAGAAAAACCAAAAAAGAAAAAAGAGGGAGAGGGGGAGAG GCGGGGGGGGAAAGAAAACATAAAGGAGGGAGAAACGGAGGAGGCAAAAC GAGGGAGGAAACGACAAGAAGGAGATAAAAAAAAAAGGGAGAGACAGACC AAAAAAGGAGGAAAAACAGGGACAAAGAAAGGAAGGAGAGGAGGGGAAAA A G G GAGGGGAAACCGAGGACGGAGGAGGAAGGGACGCCAAGGGGGGGAC CAAAAGGAAAAAACCAAAGAAAAGGAAAGTTACGGGGAACCAATAGGGGG GGGGGAGAAAAGGGGAGAGAAGGAAGGGGAACACAGAAGAAGGAGGAAG ACGGGGGGGGAGAGCAAGCACCGGGAGAAAAAGGGGACAAAGGGGAAAAA GAACCCAAAGAAGGCAGAGAGGAAAAGGAAAAAGGACAGGAAGAGGAAAG AAACGGCAGGAGGAAGAAAGGGAAGGGGGAAGAAAGAAAAGGGGGAAGAC GGAACAAGGGGGGGGGGGGGGGAAGGCCAAGGGGAAAAGAGACCAAGGG GAAGGAAAAAAGGCCGGGGAAGGAAAACCAAAAGGAGAAGGGGCCCCAGA GAAAAAGAAAAAGAGAAAAAAGGGGCAAGAACCGGGGGGACACGACCGCC CAAGGAAAAGGAAAGAAGAAAAAAGGGAAAGAGGGCCAAGAGGCAGGGGA ACCCCGGGGAAACAGGGGGGGAAAAACGACCGGGGAAAAAAAAGGGGAGA G GAGGGAAGTTCCGAGGAAGGAAGGAAAAAAGGCCAGGGAAACAGAGGGG A G GAAAA G G G G G G G G AAAA G G G G G GAAAGCCAGCCGAGGAGAGAAGGAA
 A GAGAGGGGGGGAAGGGGAGAGCAAGGGAAGAGGGAGGGGGGCGGAGAG GAAGGAGGAGAAAAGGGGAGAAGAGGGGGGAACCGGAAAAAAAAGGAAAA GGAAGGAGAGGCGACCAAGGGGAAGGGGAAAAAAGGGAACGAAGAGGGG GACAAGGAACCAAACCAAAGAAAAAGAAAGGGGAGCCCCGGCCAAAAGGC CAAAGAGGGGGGAGGGGGGAGGAAAAGGGGAAAGAAGAAGGAAGGGGAG AAGAAGGGAAGGAAAAAAGGAAAAGGGGGGAAAAAAAAAAAGGGACAGAA AGAGAAGGCAGGACAGAGCCAAGGAAGGAAGAAAGGAAGAAAGGGAGAAG GGCCAAGGAGGGAGGGAAAAAAAAAAGGGGAGAAATAGAACCGGACGAAA G G G GAAAAGGAGGGGGAGGAGGAAACAGGGAGAAGGAAGGGAAAGGAGG ACAGGGGGGAACAGGCCGGGGGAGGGAGAAAGGGGGGCCCAAAGGGGGA CCAAAAGGGAGGCCAAAGAAGAAGAAAGGGGGAGGGAGAAGGAGAAGAAG CСACAAAGGGGGGGGAAAGGGGCCACAAAAAAGGATGGGGGAACGAAGGG AAAGAAAAGGAAGGAAGGCACCAGGAAAAGGGGCAGGGGGAAGGGGAAAA ACGAGGGGGGGAAGATAGTTGAGGAGAGGAGGAAGGAGGGGGGGAAGGG
 GA $\operatorname{G} A \mathrm{~A} G \mathrm{G}$ GAAGAGGGGAAGGGGGGGGGGGGAAAAAAGCAAGGATAACCC AACAGAAGGGGGGAAGAAACCAGGGAAACGAGGGGAGAGAAGGAACCAAC CACGAGAGGGGAGCCCCAAGAGGGGAACAGAGCGAGGGGGAACAGAGAAA AAGGGCCACGGAAAAAAAAAAAACCCCGGAAAAGGAACCGGGGAAAAAAG GGGGGAAAACCGGGGAACCAAAAAAAAAAGGAAAACCTTGGCCAAAAGGG GAAAAAAAAGGGGCCAAGGGGGGAAAAGGAAAAGGAAAAGGAAGGAAAAG GGGAAGGAAAAGGGGCCCCAAAAAAAAAAAGGAAAAAACCGGGGGGGGGGG GAAAAAAGGGGGGGGGGAAAAGGAAAAGGAAAAAAAAGGGGAAGGCCAAG GGGAAGGAAAAGGCCCCAAGGAAGGAAAAGGCCGGGGAAAAGGAAAACCA AGGAAGGAAAAAAGGGGCCAAAAGGGGCCAACCAACCAAAAAAAAAACCG GAAAACCAAGGCCGGGGAAGGTTAAGGGGGGGGAAGGAAAAAAAAGGAAC CGGGGAAAACCCCCCGGGGGGGGGGGGCCAAAACCAAGGAAAAGGGGGG AAAAGGGGAAGGGGGGAAAAAAAAAACCAAAACCGGAAGGAAGGGGGGGG AAAAGGAAAACCAAGGAAGGCCAAGGAAGGGGAACCCCAAAAAAAAAAAA CCAAAAAAAAGGGGAAAAGGGGAAGGGGAACCCCGGGGGGAAAAAACCAA G G AAAAAAAAAAAAAAGGGGAAAAAAGGAAGGAAGGAAGGGGAAGGAAGG G G G G G G G GAA $\operatorname{G}$ GGGAAGGGGGGAAAAGGGGGGCCCCAAGGGGAAAAGGA AGGAAGGGGAAAACCAAAAAAAAAAGGAACCAAAAAAAAAAGGAAGGAAA AAAGGGGAAAACCAAAAGGGGGGAAAAGGAAAAGGAATTAAAAGGCCGGG GAAAAGGAAGGAAGGGGAAAAAAAAAAAAAAAACCGGGGCCAAAAGGAAA AGGAAGGAAGGAAAGGGGAAGGGAAAAAGGGGAGAGGGGAGAGAAAAAA G GTTAGGGGGAAGGCGGGGGAAAAGGAAGGCACCGAGGAAGAACGGGGA AAGGCCCAACCAGAGAAAAAAGGCAGGAAGGATCCAACCCCAAAACGAAC

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 GGGAAAAAAGGAACCGAGGGAGGAGGGCCGAGGCCGGGAGAGGAAAAAAA AAAAAAAAAAAGGAACCCCAAGGAAGAAGGACAAAGGAAGGAAGGGAGAG AAGAAAAACCCCCGGAAGGCCGGAAGGAAGGGGAAAAGAAAAAAAGGAGG A G GAAAGAGGGAGGAGAGGGGAGGAGGGGAACCAAGGGAAACCAGGAGG AAAGAAAAAGGGAGGGAGACTTGGGGAGAAAGGAAAGGCCGAACGGAAGA GAGAAAAAGGGGAAGGAAAAAGAAAAAAAACCGAAGAAAAGGGAACGAGG AGCCAAGGGGGGAAAACCGGCCAGGGGGGAAAAAAACCCCAGGGGGGGGA GGGGGAGGGAGACGACACAGGGGCGGAAAAAAGCCACCAGAAAAAAAAGG AAGGAAGAGAGGCCGGAAAAAAGGAAGGAAGACGAGGGAAAAAAGGGGGG AGCCAAGGCCGAAAAAGGAAAAAGCAAAGGAAAGAAAAAAAAGGGGGGCC G G G GAGAAGGGAAAAAAAAAGGAACCAGGGAAGGGGAAAAAAGGAAGGGG CCAAAAGGCCGGGGAAGGAAGGAAAAGGAAAACCAAAGAGGAAAAGAAAA GGAAGGAGAAAAAAAAAAAAAAGGAAAAGGAAAAAAAAAAAAAAAACCGG AAAAGGCCAAAAGGCCAAGGAAAAGGGGCCGGAAGGAAAAGGGGGGAAAA GGGGAACCAAGGGGCCAAAACCAAAAAACCAAGGGGAAAACCAAGGAACC CCGGGGGGGGAAGGAAGGGGAAGGAACCGGAAAGATGAGGCCGGAAAGC CAAAAAAGGAAAAGGAAGGAAAAAAAACCAAAACCGGCCCCCCAACCGGA ACCGGTTTTGGTTCCAAAAGGAAAACCAAGGCACAAGCCGAAAAAAAAAG GCCAAAAAAGGGGCCAAAAGGAAGGGGGGAAAAAAAAAAGGGGGGAAGGA AAAAACCCCAAGGAAAAGGAAGGAAAACCAAAAGGGGAAGGGGCCAAAAA AAAACGGGGGGAAGGGGGGAGGAAGGAGAAAAAAAAGAGAAGAGAGGAAA GAGAGGAAAAAGGGGAAAACCCCGGAAGAACGACCACGGAAGGAGGGGGG CGGGGAGCAAGAACCCCAGGGAACCGGCAGACCGGAAAAAGAAAGGGGGG GAGCAGGGAAGAAAAGGAAGAACAGAGGGACGGCCGAAAACAGGAGAAGC AGGGGGGCCAAGGGGCCAAAGAGGGAAGAAGGAGAGACAAAGGAGCAAAG GCAAAGGGAAGGGGGGAATGGAGAAGGGGAAAAGGGGAGCCAAACAAAAA AAGAACAGAAAAAATAGCCAGCCGGAAAAGAAAGGGGAAAAAGACGGAAA AA GAAAAAAGAGACCAATTAGAAGAGGGGGGAGGGAGAGAGGGGAAGAGA A G G G G GAGGGAGAGGAAAAGGAGGGGAGAGAGGGGGCAACCGAGGAAAG GAAGGGAAGGGGGGAGAGAAGGAGATGAGGAAGGAAGGAAAGGGAGAAA ACAGGGGGACCGGAGAAAAAAGACCCCGGCCGGAGAAAAAGGGGGAGGAC CAGAGAAAGGAAAGGGGGGGGAAGGAGAGGGAGAGGGAGGGAACCGGAA GGGGCCCCAGGGGAGAACGGCCGAAAAGCCGGGAGGAAGGGGGGAAAAG GAAAAGGGGGGGGAAACGGGGAAAAAGAAGGAAAGGGGGAGGAAAAAGG AAGAGAGAGAGAGGAGGGAAGAAAAAAGAGGGAGACGAAAAGGGAAGGG GCAA G G G GACCGGGAGGCCAAGGGGAAAAAAAAACAGTAGGGGGGGGCC GGAAACGGAAAAAAGAGGGGAGAAGGGGAAGGGGGGAAAAGGAAAGGGG GAAGGGGACTTAAGGAAGGAAGAAGAAAAGGAAGGGGGGAGGGGGCCAA GGGGCAAGACCCGACCGAGGCCGGGGGGCAAGGGGGGGACGGAAAAGAG AGAAAGGAGAAACAGGAAGAGGGAGAAGGAAGGAAGGAAGAACAGGACCA

G GAGGGAAACACAAGGGAACAGGGGGGGAGGGGCCAACAAAAAAAAAGGA AGGAAGGAAAGGGACAGGGGAGAGGGAGAGAGGGGAAGGGGAAGAGGCC AGGGGAGAACAAGGGGAACCAAGGAGGGCCAGGGCCGGAGAAAGAAGGG A G G G G G G A A G A A A A A A G G G A G GAGGGGGGGGGGGAAAGGAGAAGAAACA G G G A GAAACAAGGGAAGGAAAAGGAACCCCACGAAGAGCCGGAACACAAG AAAACAGAGAGGAAAGAGGAGGGACACGAAAGAAAGACAGGGGGAGAAGA G G G ACA GAACAGGGAAAGAAAGAAAGACGGGGGGGGAGGGCGAAGAACAA GAGGAAAACAAAGGAAAACCAGAGAAGGCCAAAAGAGGGACCGGAAAAAA CCAACCAAGAGAAAGGGGGGCCAAGAGGGGGACGGGAAGGCCACCCGGAA GGGGAACCGGGGAAGGAAGGACAAGGAAGAACGGAGAGGATAGAGAGGA GGGGGCCTAAGGAAGAAAAGGAGGGAAGGAGAGAGAAGAAAAGGACCACC CAGAAAGCCAGAAAAGGGGGGGGAAAAAAGGAGAGTTAAGGAAAAAAAAA AAAAAGGGGGAGAGGACAAAAAATTGGCCGGAAAGAAAGGAAAAAGGGGG GGAAAGAGAGGGGACAGGGGGGGAAGGCAAGAAAAGAGGGAGGAAACAA AAGAGGAGAGGAGGCAAAAGGAAAGAGAGGGGAAAACAAGGGGGAAACCC GACCGAAAAAAAGGCCGAGGGGAGACAAAAAAAAGGAAAAAGGAACAGGG AGGACAGGAGAAAGAGAACCGGAAAAGGAAAAAATTACAGAGGGAAGGGA A G GAA G GAAGGGCCAAGGAAAAGGGGGGAAGGAAGCCCGAAAAAGGGGG GAAGCAAAAAGGACCAAAGAAGGGAGGAAGGGGGGAAAAAAAACCGAAAA GGGAAGGGAGAAAGAGGAGGGCCGAGGAAAGAACCGGAAAGAACCGGGG G G A G G GCAGAGAGGAGGAAAAGGCGAGGGAAAGGAACCAAAAAAAAAGAA G GACCAA GAAGGAGAAGAAGGAAGGGGGCCGGAACCCCAACAAGGGAGAA GAGGGGAAGGTAGGAAGGAAGGGGGGAAGAGAGAGGAAAGACCCGGGGG G G G G G G GAAAAAACCAAAAGAGGGGAAAGAAAAGGGGGAAAAGGGGGGA GAAACCAGAAGGAGGGAAGGAGGGAAGGGGGGCCGGAAGGGAGGAGGGG GGGCCAAGGAGAAAACCAAAGAAGAGGAAGGGGGGGGGGAAAAAGACGGA AGAAAGAGGGAAAGGAAAGGAAAACACGAAGGAAAAAAGAGGAAGGAGAG AGGGGAGAGGACCACACGAAGACAGAAGGAAGGAAAACCCAAGAAAGAAA GAAAAAAAAGGGGGGGGGGGAGGAACCAGCAGGAGGAAAACGGAAAAGAG GCCGGCCCCGAAGAAGCGGAAGGGGAAAAAAGGGGCCCCAAAAGGGGAAA ACCAACCGGCCAAGGGGGGAAAAGGCCAAGGAAAGACGAGGAACCCCAGG GCCAA G G G G G G G G G GCCGGAAGGGGGGAAGGAAAAGGGAAGGGGGAAGG CCAA G GAGAGGGGGGGAAGAGAACGGTTAAAGGGAAAACAAGGGCCGGG GCCAGGGGGCAGGCAGGACAAAGGGAAGGCCGGAAGGAAGGGGAAAAAAA AGGCCGGGGAAGGAAAAGGACAGGAAAGGAGAGAGAGAGAAGGAAAGAGA GAGCACCGGGGAAAAGGGGACAAGGAACCGCGAAGAAGGAAAAGGGGAAC C G G A A A G G GAGGAGGAGGGAAGGGGAACAGGACGGGGAGGGCCGGGGAA A G G G G G A GCCGGGGAAGGGGCCAAGGGGAAGGAAAAAAAAGAAAAGAGAA
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 AA G GAGCAGGAAAGGGAAGGAAGAGGGGGGGGGGGGGGAAGGCAGGGGA AAAGGAGGGGGGGAAAAAAAGAGAAGGAAAAAAAGAACCGGCCGGAAAAC ACCACGGAGAGTAGCAGGGGGAAAAGGGGGGAGAGGGGGGAAAAAAAAA GGAGAGGAGGGGGAGGAAGGAAAAGGCCGGAAGGGGAAAAGAAGGGGGA AACGGCCGGAGAAAGGGGGCCGGAAAAATAAAGGAGGAAGGGGGGAAGG AAAAGGGAGGGGCCGGAAAGGGAAGGGGAAGGGAGAAGGGAGAGGAGGG AAGGAAGAGAAAAGGAAAGGAAGGCAAAGGAGAAGGGAAGCAGAGCAACA GAGGAGGACAGCAACAAGAAGAAGAGGCCGAGAAGAAGGAAGGGGAAAGC CAGCCGGACAAAGGGGGAGACGGAGGAAAGACAGAAGAGGGAGGGGGAA
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 G GA $\operatorname{G}$ GAAAGGAGGGGGAACCAAGGAAAAAAGGGGAAGGGGCCGGGGAAA
 CAGAAAGACCACAAGAAGGAAAGGAAAAAACCAGGGAAAAGGAAGGGAAC AAAAGAAAGAAAGGCCGAGAAAGGGGAAGAAGAACCAACCAAACAAGGGA AA $\operatorname{A}$ GGGGGAAGGGAGGCAGGAGGGGGGGAAAAGACCGACACACCAAGGG GAGAGAAGGAACCAGAGGGGGAAAAGGAAAAGGAAGGAAAAAAGAGGAAA AGAGAAGAGCCGGGGCCGGAAAGGGAGAGAAAGCCGGAGAGAGGGGAGA AAGAGAGGCCAAAAGGGGAAAACAAAAAGAACACGAGAGAAGGAAAGGAA AGGAGAAAAAGGCAGGAAAGAAAAGGAAGAGAAACAAGACGGGGAGTTGG AAGAGGGGAAAAAGAAGGGGGAGGGGGGAACAAGACAGGGAAGGAAAAAA G G G G G G G GAAAAAAGGGAACCAAAGGAACCCCAAGGCCCCAGGGCCAGGG
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$22008000-9$ A A G G G G CCGGGGAGAGAAGGGGGAAAAAGGGGAAAAGGAAGC CCCCAAGGGGGGCAGGAAGGGAGGCCAAAAGGAACCAAAAGGGGAAAAGG AACCGGGGAAGGCCAGAGCCGGGGGAAGCCAAGGAAAAAAAAGAAGAAAG AGACAGGGCAAGGAAGGACAGAAAAAGGAAGGACGGGGCCGGGGGAGAAA AAGGGAAAAACCAAACGGACAAGGGAAAGGAGGAAAGGAGAGACGGCCGG AAAGGGGAGGGGGGGGGGGGGGAAGAAGAGGCAAATAGGAAGGAAGAAA AGGGACCAGAAAAGAGGAACCGGAGGGCAAGCAAAGAAAGAGGAAGGAGA

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AGGGAAAAAAAAAGGGCCAAGGGAGAGGGGAAGAAGAAGAAGGAAAGAAG AA G G GAGGGGAAGAGGGGGGAAGGAGAAGAAAAAAAAA㬛AGGGGGGGGA A G G A A G G G GCAA $\operatorname{A} A \operatorname{AGAGGGACCAAGGGGGGGAGAGGGGAAAGGGATAA~}$ AGCCGGGGATGAGGACCGTAGAGGAAGGAAGAAAGGGGAGGGGGGGGGG G G GAA GAAAGGACAAAAAAAGGGGAGGGAAAGGAAGGAAAAGGGGAATTA GAAAAACAGGGAAGGGGGGGGAAAAGGGGAGAAGATAGGAAACAGAAGAA GGAGAGAGAGGAAAAACAACCAGGAGAAAAGGGAAGGAAAGAAGGACAAT TGGGGAGAAAAGAGAAAGGAGGGGAGAAGGAGAGAGGAAGGCAAAGAGA ACAACCGGCCAAGGGGGGGACAAAAAGGAAGGCCGGCCGAAAGGAAGGGG AAAGGGAAAGTTCCAAGGAAGAAACAAGAAAAAGAAGGAAAAAAAAAAGG AACCAAAAGGAAAAGGAAAAAAAAAAGGAAACGGGGAGGGGGAGGGGGCA CCAGAGGGGGGGCCGAAGAAGGGGAAGAAAGAAAAGACAAGGAAGAGGG GGGGACAGAAGCCCAACAAGGGGGGCCCCGGAAGGCCCCCCGGAAGGAAG GAAGGAACCAAGGGGAGGAGGATACGGGGAGAAACCCAACCAGACGGAAG GAACCAACCGGAAAGAAAGGAAGCACAAGGAAGAGGGAGAAGAGGAAGGA ACCAGAAAGAAAGAAGAAAGAGGGGGGAAAAAGAAGGGGCAAAAAGGGGG AACAAAGGGGGGGGGGGAAAACCGGCCGAAGAAAGGGAGAGACGGGCAAA AAAGGCCAGAAAAAAAGAAGGAAAAAAAAGAAGGGAAAGAGAGAAAAAAA ACCCAAACCCAGGAGAGGGCCGGGGGGAACCGGGGGGGGGGGGGGAGAA GGAGAAGGACAGAAAAGGAAGAAGACAGACGAAAAGAAAACCGGTAAGAA G G G GAA GAGGGAAACCGGCAAACCAGGGGAAGAGAAAAGAAGGAAGGGAA G G G G G G AA G G CCGGGGAAGGAAGGAAAAGGGGGGAGCAAAAGAAAGACG GACGGAAGGAAGGGGGGAAAAGGAAAGGGCCGGCCGGCCAAAAGAGACCG AAAAAAGAACCAAGGAAGGCCGGAAGGGGAAACAAAGAGAAACGGGGGGA GAGAGAAAGAGGGAAGGCAACAGGGGAAAAAAAAAGGAGGCAAGAAAAAG GAAGGAAAAGGGGGGAGACATGGGGAAAAGGAGGGGGAACCAAGAGGAA CAAAAGGGCACACCCCCCAAAAGGCCGGGGAACCAAGGGGGAAAAAGGAG GGCGAGAGCCGGGGGGGGAACCACGGAAAAAACCAAGAGGGAGAAAAAGG AAACGAAAGAGGAAAAGAGGAAGGAGGGAAGGGGGGAGAGGAACAGCAAC AA G G G GAA G G G G G GAAAGAAGGGGAACCAGAGGAAGGAGGAGGCAAAGA GAACCGGGGCAAGGGGGAGAGAAGGAAGGGGGGAGGGAAGGGGCCCAGA GAGAGAAAAAAGAACCGGAGAAACACAGGAATAGGAGAGAGGGAAAAAAA AAAAGAGGCGGAAGAAAAGGACAAAAAACGCCAGAGAGAAAGCGGGGGAA CCCCAAGGAGCAGGACGGGGGGAGGAGGAAAGGGCCGGAAGGAGGGGAG AA G G GAGGGAAGAGGCCGGGACAGAAAGGACAAAAGGCAAAACGGGGGGA GGGAGAGAGGGAAGGGGACGGACGGCAACGGGGGGCCAAAGAGGGAAGA G G A A G GAAGGAAAGAAAAAAGACAGGCCAAAGCCAGAAGGAAGGGGGAAG G G GAAA G G G G G G G G G G G G AAA G G GCGCCGAGGGGAACCTTCAGAATAGG AATCAGGAGGGAAAAGGAAGGGGAAAAGGAGAAGGGGAAAGGACAAGAGA GCCGGGGGGGAGAAGGGAAGGGCCCAGGAAGGAAAGGAAGGGGGAACGA GGAAAGAGAACCAAGGAAGGCCGGAGCAAAGGAAAAGGCCAAAGGAGAAA GAGAAGAGGGAACAGGCAGAAAAGGGGGGAAACCAGAACCGAGGGGAGG GGGAAGGAAGGGACAGAGGGGAGGAGAAGAAAAGAAGAGAAGGACAGCC GGGGAAAGAGCCAGAAGAGGAAAGGAAGAAAGAAGGCCGAAGAGGGGGAA AGGAAGAAAAAGAAAAGGCCATACAAGGAAAGGAGGAGAAACAAAGGGAT AA G G G G GAGGAGAAAAAAAGGAGAGGGGAAAGAAAAGGGGGACAGGAAG AAAGAAGCAGGAAGGAGCCGGGACCGAAGAAGAAAGAACGAGACCCCAAG AAAAAAAAAAGGGAAGGGGAGAGGGGGGGGGAAGGAGGGGGAGCCGGGG G G G A G G G G G G ACGGGAGAAAAGAAAAGAGGGAAAAAGGGGAAAAAAGGG ACAGGAAAAAGAGAAAGAGGAGGAAAAAAAAAAGAGGCGGCAAGGAAGGG GGGCAAAAGAGAAGGGGAGGAAAAAGAGGAAGGAAGGAACAGGGGGGAA CCGGGGAACCAGAGATAAGGAAAGGAGAGGGGAGAAGGGGGGAAGGAAA AAAGGCGACGACCAAGGGACCCACAAAAACCCCGAAAAGAAAGGGGGGAG GGGAAGGAAGGAAGAGAAAGGAAGAAGGAGGAAGGGACCGGAAAAAAGG GGAGAGAGCGGAAGCCAAGGAAGAGGGACCGGGAAGGAATAGAGAAGGG GAGAAGGAGAGAAAACCAAGAACAAAAGGGACAAAACAAGGAAGGAGGGA GAGGGAGGGCCAAGGAACCAAAAAAGAGGGGAAAAGGAAAAGGGAGGAAA AAGAAGGCCGAAGACCCGGAGAGGGAAAAGGAAAAAAGGAACCGGAAGAG GGGAAAAGGGGAGGGAGAACCAGGAGAAAAAGGACAAAGGGAAAAAGAGC AA $\operatorname{l}$ GGGGGGAGACAGAAGGGGGGGGGGAAGGGGAACCTTGGCCCCGGAA CCAAAAGGAAGGAAAAAAGGAAGGAAGGAAGGAAGGGGGGAAGGGGAAG

G G GCCGGGGAGAGCAGACCGGGGAGAGGGGAAGGGGGGGACGGAAAAGA CA $\operatorname{l}$ G $\operatorname{G}$ G G GCGGGGGAGGGGGAATTAAAAAAGGGGAAGGAAAACCAAAAAA AAGGAAGGAAAAAAAAAGAACCCCGGGAAGAAAAGGGAAGCAGGAGGAAT A GAAGACCGGAAGGACCCAAAAAGACGAAAGGGGGGAAAAAAGGGAAACA GGAAGGGAGATAAAAAAAAGGCGAACGGAGCCAACCAAAAAGCCGAGGAG ACGGGGAGGAAAAACAAAAGAAGGAAAGCCGAAAGAGGAGCACCCCAAAC CCCCGGAAAGAACAGAGGTTAAGGAGACGGAAGGAGGAGAAACAAGAGGA CAAAAAGGAAGGGGAGATAGAAAAAGCCAAGGGGAAGAGGAAAAAGGGGG GAAAAAAAAAGGAGAACCAGAGGAAAAGGGAGAACCAAAAGAAGGGGGAA GAAACCGGAAAGCGAAAAAAGGGGAGGAAAAAGAAAAAAAAGGAAAAAAA GGGAGAAAAAGAGAAAGAAAGGGAGAGAAAAGAGGGGGAAGGAAGGCCGA GGGGGGAAGGCCAAAAGGAACCCCGGGGAAGGAAAACACAAGAGACGAGG AGGGGGATGGCCGGAGGAAGAAGGAAAAAAGGGGAAAAAAGAAAAAGGCC CCGGAAGGGGCCGGGAAGCCGGAAAAGGGGCAGAGGCAGGACAAGGAAA GAGAAAAAGGAAAAAAAGGAAGGGGAAGGAACCGGGGGGAGCCCAGGAGG GAAAGACGAGGACAAGAGAAAGGAACCAAGGGGCCGGGGGGGGAAGGGG AGAAGGAAAAAGGGCCGGAAAGGGGGAAAAGGAAGGAAAAAAAGAGAAGA A GA $\operatorname{GAG}$ GAGAAAGAAGGAGGAGGGAGAACAAAGGAAAGGAAGAAGGAGG G G G G G A G G A G G A A A G ACGGAGAAGGGAGAGAAGGGCCGACAGGACGGGA AAGAGAGGAAAAGGAGATAAGGAAGAGGGGAAAAGGCCAAGGGAACGAGG CAGAAGGGGGCCGAGGACTTCCGGAAGGGGAACCGGCGCCAGGGAAAAGG AA $\operatorname{l}$ GGAGAAAGAGGGGTTGGAGCAGGAGCAGGCCACGGAAGACCGAGAG G GAGGGAAGGGAGACTTAGGAAGAACCGGAGAAGGAGAGCAAAGGGGGG AACAAAAACGGGGGAAAAAAAAAGGACCAAAAGGGAGGGGAAGGCCAAAC GA G G G GAGGGGGGGCAAGGGGGGAAGGAGGAGGGAGAAGAACGAGGCCA AACAGGAGGAAGAGGAAGACCGGAAGAAGAAAAGGAAAAAGCCGGAGGAA GGGAAAGAAGAAGGACCGGAGAAAACGAGTAGGGGAAAGAAGGGGAAGGC CAAAGAGGGAAAACCGGAGAAGAGACAAATACCGGGGAAGGATCACCACA AGGGAACAAGGAGAGAGGGGAGAAGTAAAGAAGAAGGGGAGGAAAGGAA GGAAAAAACCGGAACAAGGAAGAAGGAAGGAGAGCAAGGGGGGGAGGGAA AGAAAGGAAACAAGGAAAAAGGGGAAGGGGAAGGGAAAGGGGGGGGGGG AGGGAAGAGAGAGAAGGGAAAGAAGAGAGAAAAGAAAAAGGAAGGGGAAA AAAGGAAGGGGGGGGAGATGGAATTGGAAGGAAGGAAGAAAAAGGAACCA AAAGGGGCCAAAAGGAACCAGCAGATTAAAAGAAAAAACGGAAAAGGGGA AGGAGGAAAAAGGAACCGGAAACGGGGCCAGTACCGGAACAGGAGGGAAA AAAGAGGAAACGAAAAACCAAGAAAAAGGAAGGAGGGAGAACCGGAAAAA A G G G G A A A A A A A A A A G G G G G G G GAACCGGGGGGGGAAAAGGAACCAAGG G G G G G G G GAAAAGGGGAAAAGGAAAAGGGGGGGGAAGGAAGGAACCAAG G G G AAAAGGTTAAGGCCAACCAAAAAAAAAAGGAAAAGGGGAAAAAAAAC C G G G G G G G GAAAAAAGGGGAAAAGGAAAAGGGGCCAAGGAAAAAATTAAC CAACCGGGGAAAAAAGGAAGGAAAAGGAAAAGGAAAAGGAAGGCCAAGGA AGGGGAGCCCAAGAAGACCAAGGGGAAACGGAGAGAACCGGGAGGAAAAA G G G G G A A A A G G G A G G G GAA G G G G G G G G G G G G G G GAGGAAAAAGAAGGAG CAAGACAAGGGGCCGGTTGGGGGGAAGGGGAACCAACCAAAAAAAAAACC CCAAAATATTGAGAAAAGCAGACAAGGAAGAGAGCACAGAGAGAAGAGGG GGAGAAAAGGGAAGGAAAAACCGACAGGAAGGAAAGACGGGAAAGGAGGA AACCGGCAGACCAAGGAGAGGAAGGAGGGGAGGGAAGGGGCCAAGGTTG GGAGAAAGACCAGAGAAGGCAGGAAAACCAAAACAGGGGGGGGAAGAAGG AAACCAACCGGTTAGAAAGCAGGAAAAAAGGAACCAAAAAGGGGGAAAAA A G GAGAAGGGGAAGGGAGGGACCGGAGAAAGGAGACCACAAGAAATTGGG AGGAAGAAGCAGAAGCAAGAGAACCGGGGGGAGAGAGCCGGGGAGAAAAC CAAGGAAGGAGAGAAAGCCCAGGGAGAAGAGAGGACCAAAAAGAGACAAA AAGCACCGAAACCGGGGCCGGCCCAGACAAGAACCGGAGGGAAAACCGGA ACCGGGGGGAGGGGGGAGGGAGGCGGAAGGGAACGGGCCGGAAAACCGG TAGAACAGCCGGGAGAGGAAGAAAGGGGGGGGGGAAAAAGCAAAGAAAGA AAAAGGGGCAAAGAAGACAGAAGGGGGAAAGGGGAAGGCCGGGGGGAAA AAAGGCCAAAAGAGGACAAAGCCAGGACGAGGGGGAGAAAGGAGGAGAGA GCCGGGGAAAAAAAAGAGACCAAAAGGGGCCGGAGGAGGAAAAATGAAAA ACCGGAAGAAAGAGAGGCAAAGAGAAAAAGAAAACCAGACAAAAGGAAGG AAAGGAACCCCGAAGGACAAGCCAAAGAACAAAAAAAAGCCGGAAAAAAG GCCAAGAAGCCGGCAGAAAGGACAGCCAAAAGGCCGGAAGGGGGAGAGGG

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AA G GAAAAAGAGAAGGGGGGGGGGGGAAGGGGGGAATAGGGGAGGAAAC C GA G G G GAACCGAAAAACCGGGGAAGAAAAAAAAAGGAAGAGAAGGGGAC CGAGGAAAGCCAGAAAAGGAGAGGGGGGGAAGGAAAAGGAAGGCCCAGG G GAAAAAAAAGGAGAGATAGGAGAAAAGAAAAAGGGAGGATTAACCAACC CCACAAGAAGAAGGGGGGAGGACAAAGGGGGAGGGAGGCCCCAAAACCAG AA G GAGGAGGAAAAAGAGAAAAAAAAAGAGGGAAAAGGAACAAAAACCAG GACCGGAAAACCGAAAAGCCCCCCAACCGGGGAAAGAAAAGGGGGGCCAA ACGAGGAAGGAAAAGGAAGGAAGGCCGGAAGGAGGAGCGGAGGGAAGGC AAAGAAGAAAAAAAAGGGAGGAAGGAGAAAAAAAGAAAAAGAACCAAGGA GGGAGAAAGCGAAGGGGGGCCGGGAAAGGGGGGAAAAGGAACCGAAGAG GGGGAAAAAGAGCCGAGAGGAAGAAAAAAAAGCAAAAGAAAAGAGAAAAG GGAGGGGGGGAAGGAGGGGAGAGAGGCCAAAGGAGGGAAAAGAAGAAGG AAGGGAGAAGGGGGAGAAAAAAGAAGGGGAAAAGGGGAGAGAGAAGAAAA AGGAAAAAAGGAAAAGGGGGGAAAAGGAAGGAGGGAGAAAAATGAAGCCA AGGGGGGGGGGAACCAAGAAGCAGCAGGGCCAAACGAAGAAGGGGGGGA AAAAGGAGCCAAAAAAAGAAGGGGCAGGAAGAGGCAACAAGGGGGGAAAA ATGGAAGGAAAGGGAAGGAAGGAAGGGGGGCCAAAAGGGGCAAGGGGGA GAAA $A$ A G G GAGAGGGGAAGGGACGAAGGACAAGCAGGGGGGGAGGAAGG GAAGAGGGGGGGAAACGGAAGGAAAAGGAGGAGGGGGGGGAGAGATAAG GGAAACCAAGACAGGGGAAGGAGAAGGGAAGCAAAAAGGAAAAAGAAAGA AGGAACCTTAATTGGAAGGGAGACAGGGAAAAAAAAGGGGGGGAGGGAAG AAAGGAGAGAGGGGACAGAGAAGAAGGGGCCAGAACCGGGGTTAAGGGG AAAACCAAAACCGGGGGGAAAAAAGGAAAGGAGGCCAAAAAGAAAAAAAA GGCCCCAACCAAAAGGAAGGAAAGAGAAAAAAGGAAGGAAAGCACAGGGG AATTAACCGAACGGGACCAGGAGAAAGGGGCAGGAGCAAGGAAGCCAGAG GGGAAAACAACCGGGGGGGGAAAGGAAAAGGGGGGGAAGGAAAAATGGG GGGAAAGGAAGAGGGAGGAAAAGAAAAGGAAAAGGGGCCCCAACCAAAAG GAGAAAGGGAGGAAGGAAAAAAAAAGGAACCGGAAAACCCCAAACAGGGA AAAAAAAAAGGAAAACCGGGGAGAAGAAGGCGGACGGAAAACCGGGGGGA AAAGGGAAAAAGGGGAAAAGGGGGAGGAAGAGGAAGGAGAGGAACAGGG AAAAAAGGAAGGCCGGAAGGAAGGGAAGGGGGAAGAAAGGATAAAAAGAG CCAGAGGGAAGGGGAAGAGAAAAGCCGGGAAGGAGGAAAGCGGGAAAACC C CAA $\operatorname{A}$ G G G GAA $A$ AGGGGGAAGGGGGGGGACGAAAAAGAAAGGGGAAGAA GAAAAAAAAGGCCGGGGAACCGGGGGGAAGGAAGGGACCGCCAAGAGCAG AGGAACAAGAAGAGGAGGGGGAAGGAAAAGGAAGAAAAAGAGGAGAGGG GGAAAGAACCAAGGAAGGGGACGACAAGCCGGGAAGAAAAAACCAAGGAG AAAAGAAAGGGGTTAAGAAACAGACAACAAAAACGAAAGGGGGAGAAAGG A GAACCGAGGAGAAGGGAGATTACACGAGGAGGGGGAAGGGGGGAACAG ACAAACCGAACCGAGGACCAACGAAAGCAGGGGAGAGAACCCCAAGAAAA GCAGATTGGGGAGAGAGGAGAGGAAGGGGAAGACAGAGACCGAAAGAAG GGGGAAGGAAGGGGGGAAAAAAAAAAAACCAAGGAAAACAAAGGAGCCGG GGCCAAGGCCGAGGAAACAAGGGGAAAGAAAAAAAAAAAAGGGAGAGGAA AGAGACGAAACCGGGGGGAGAAGGGGCCGGAGGGAGAAAATTAGGAGAA G GAAAGGGGAGAAAAAAGAGGGACCAAAAGGAAGAGGACGGGGAGGAGAA G G G G GAAAAAAAGGGACTTAAAAAAAAAGGAGAGGGAAAAAGAGAAGAAC CCCGAAACCAAAGGGGAGGGGGGGGAGAAAGAGGGAAAAAAAAAGAAGAA AACGGAAGGGGGAGGGGAAGGAACCAAAAGGGGCAAAGGCCAAAACCGGC CCCAAAAAAAGGAAGGGAACCGGTTACGGACAAGGGGGGGAGAAGAGGAG GAAAGAAGAAACCGGAGGGAGAAGGGGAAAGGGGGAAGGAAGGGAGAAG AA $\operatorname{G} G \mathrm{G} G \mathrm{G}$ GAAGGAAAAGGGAAGGGAAGGAAAGGAGAAGAAAGGGAAAAG GAAAAGGGGGGGAACAAAGGAAGGGAGCAGAAAAAGGCAGGAGGGGGCC CCGGAAGGGGAAACAAACAAGGGATTGGAAGAAGAGGGGAGAGAGGACAG A GAGAAAGGAAAGAGAAGGGGGAGGGGGGGGGACGAAGGGAGAAGGAGA CAGAAATAGAAGGAGAAAAAAAGAGAAGGAGAGGGAAGAAAACGGAGAGC CGAGGAACAGGGGAAAAAAAAAAAACCAAGGGGAAAAAAACAAAAGGAAG A G G A G G G A A G G G G G GAAA $A$ AGGGGCAGAAGGCCAGGAAGGAGGGGGAGG G GCAAGAAAAACACAGAAAGGAGGGAAGGGAGAGGGGGAAAAGAAGGGAG GGGGGAGGGGAGGGGGAAGGAAAAGAAAGGAAGGAAAAGGAAAGGAAAG GACGGAGGAGAGAACGGGAAGCAGGAAAGCAAGAGAGGGAACCGGGGGG CCGGAAGGGAAAAAGAAGAGAAGAAGGGAAAAAAGGAAAAGAACACCCGG GGGGTTGGAAGGGGCAAGAAGGAGGGGGGGGGACGGGGGGAAGGGGGGG

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AAAAGAAAGGGGAAAGGGGGCCGGGGAGAAGGAGGGGGGGGAAAAAACA A G G G G G GAAAGGCAGAAAGGGCAGGAGAGGGGGAAAAAAAGATGAGGAG AGAAGGAAGGACGAAGCCCCAGAGAAAAAGAGGAGGGACCAGCAAGAACC GAA G G ACCGGGGGGAGAAGGCCGGAGGGGGAAAAGGGGCCGGGGAGACA AAAGGAAGGAAAGAAGGAAACACAAGGAAGGGACCAGGGAAGGGGAAGGG GAAAGAAGGGGGGAAAAGGAAGGAACCGGCCGGGGGGGGAAAAGGAAAA AAAACCCCGGAAAAAAAAGGGGGGAAAAAAGGAAGGAAAAAAGGGGAAAA AAAAGGAAAAAAGGGGGGAAGAGGAGGGGGAGAGCCGGGGAGGGGGAAA GGGAAAGGGGGGGGCGGGGAAGGCCGGCCAACAGGAAAAGGAAAAGGAA G G G GAGGGAAAAGGAGGGCCGGAGGGCCAGGAAAGGAAAAGGCCGGGAG ACCAGGGCCGGAAGGGAAGGGAAAAAAAAGGGGAACCAAAAAAAAGAACG AAGCCGGAAGAAAGGGGAAAAAAAAGGAAGGGGAAGGGGGGGGGGGGAA ACAAAAAAGAAGGGAAAGGGCCAAAAGAAGGGGAGAAGGAAAAACAAGGG AAGGAAAAAACAGGCCAAAAAAGGAAGGAAGAAACACCCCGAAGGGGGAA AAACAGAAGGAAGGGGAAAACCAGAGAGGAAAAAGGGGGGGGGAAAAAGG CGAAGGAACGACAAGGGGAGGGAAAAGGAAGGAAGGAAGGTTGGAAAGCA GAGAAAGGGGAAGGGGAAGGAAGAGGACGAGAAAGAGGACACAGACCAGG AAAAGGAGAGCAAAGGAAGGAGAGGGAAAAGGAAAAAAAAAAAGGGGAAA AAGACAAAAAGGAAAAGAAGCCAACGAGCGGGGACAAAAGAGAGAAAAAA AGAGAAAAGAGGAATTAAAAAACCGGCCAAGGAGAGTAACAGGAGAGAAA G GAGGACCAGGGAAAGAGGACCTTGAAAGAGGAAAAGAGGTAGGAACCAA GGAAAACCAAGGAAGGGGGGAAGGAAGGGGAGGGCCGGGAGGGAAGGGG AAGGAAGGAGAGGAAAGGGAAAAGGGGAAGAAGAAGGGGAAAAAGAAAAG G G G GA GAGAAAGGAAGGAAGGAAAAGAGAGAAGAGGGCCAAACAAGGGGC CGAGGAGAAGGGGAGGGAAAAAAAAAAGGGAAAGGGGAAGGAGGGCCAA G GCCGGGAGGGAAAGGAGGAGAAAGAAACCGGCAAAAAAGGAGGAAGGAA GGGGGGAGAAAAAGGGAGGGAGCAAAGGGGAAAGCCGGAGACAAGGCCG GAAAAGGCCACGGGGGGGAAGAGGGGGAAGGAAAGAAAGACAGAAGGGG GGGGGGAAGGATGGGGGGGGAGAGCAGACCCAAAGGAAAACACCGGAGG GGGGAGAAAACAGGAAGGGGAGGAGAGGGAGGAGGAGAAGAGGGGAAGA GGAAAACCGGGGAACAGAGAGGGGCCGGGGAAGAGGGAAGACGAGAAAG AAAGAAGAGGGCCGAGAAAGAAAACAAGGAACAGGAGGGGGGGGGGGAAA AACGCGGGGAAGGAGAAGAAAGGGGAACCGGGAAACGAAAGGAAGGAAGG GAAAAAAGAGGAAAAGGCAAAGGAAAAGGGGGGGGGGGAGAGAAAGGAG AGCAACGAGAAAGAGAAACCGAGGGGAAAAAAAAGGACACATGAGGAACC GAGGAAGGCAGAAGGAAAAAGGAGGATAAAGAAGAGGAGACAAAGAAGGG AGGGAAAAGAAAGAAAAGGAGAGGGATTCCCCGGGGAAAACCCCGGCCGG G G G GAACCGGAAAAAAGGGGAAGGAAGGGGGGACCCGGAAAAGGAAGAAA AA $\operatorname{l}$ GGGGGAAAGGGAAGGAGGAAAAA G GAGGGAAAA GGGGGGAAGGGGC CAAGGGGGGGGCCAAGGAAGGAAGAAAGGGGAAAGAGGCATCCGGAAGG AA G GAAAACCACAGAGGGAAGGGGCCAACCAAGGAGGGGGAAGGAAGGCA AGAGGGGACAGAGAAAGGGGCACAGGGGGGAAGGTTAACAAAAAAAGGAA GAGGAAGGAAGGCCGGAAGGAGCCAGGGGAAAGGCCCCAAGGGAAGGACC GGACGAAAGGCCAACCGGGGAAGGGGCCGAAGGAGGGGGGGGCCGGGGG GGAGGAGCAAAGGAGGAGACAAACCAGAAAAAGGGGGGAAAGGAAGGAGG GAAGGCCAGGGAAAAAAGGAAGGGGGGGGAGAGGAAGAGAGGGGGGGGA TTAAGGAACCGGAAAAACAGAAACAGAAGGGGGGAGAGGAGAGGACGGGA GAGGCCGGCAGGGAGAAAACCAAGAAACAAGAAAAGGGAGAAGGGGAAAG CCGGCAAGAAGGAGAGAAAAAGCAGGAAAACAAACCAGAGAGGGGGCCAA A G A G A GAAAGGGGGAAAAAAGGGGAAGGAGAAAGGGAGAGAGAGGGAAG GAAGGAAGGGGAAGGGGAAGGGGGGAAAAGGCCAAAAAAGGGAAGAAAA G G CAGGAGGAATCCAAGAGGAAAAAAAGAGGGGGAAAAAGGGGGAAAAGG AGCCAAAAAAGGGGAAGGAAGCAAGGAAAGGGAGAAGGGAGGAGGGGGC AAAAAAAAGGAAAGGAAAAGGGGGGAAGATAAGACAAGAGGCATTACAGG CAACAAAAGAGAACAGGAAAGGAACAATAGGAGAGAAGAGAGAGACCGAG GGAAGAAGGAAGGAGAAGGAAGGAGAGAAAAAAGAAGGGAAAGGGGAGAA AAAAGGGGGAGGAAAAAAGCCGAAGGGGAAAAAGGAAAAAAGGAAGGGGG GCCCAGGAAAAGGGGAAGGGGAAGGGGGGGGGGGGGGGGAAGGGGAAAA A G G GACGGCCGAAGAAGGCCAACCGGGGAGGGAAAGGGAAGGGGAAAAAA AA G G G G A A A A A G A A G G A A G G A G G G GGAGACGGAGGAAAGGGGAAGGAAC CGGGGGGGGAAGGAAAAAAGGCAGACCGGGGAACCGGAGGCGGGGAAGA

AGAGGGAGGAGGGGAAAAGGACAAACGAAAAAAAAACCGGAAGGAACCAG AACGAAGGAAAAGGAAAAGGCCAACAGGGGAAAAAAAGAGGAAGAGAACC AGGAGGAGAGAGGGCCAAAAAAGGAAGGCCGGGAAACAGGGGAAGGAGCC A G A A G G A A G G G G A G A G G G A G A G A G G G G G G G A G A GCCGGGGAA G G G G G G G G G G A G G GAA $\ln$ AGGGGGGAAAGAAGGAAAAGGTTTAGAAGGGGGAAAAAAA A G G A G G GAGGAGGCCGGACCCAAGGAGGGAGGACCGGGGAGAAAAAAAG G G ACAGCGGGAGAAGAGAGAGAGGGGGACCAGCAAAGGGAGAGGGAGGG AGGAACCAAAAAGGGGGCAGAGAGAGAAGAAAGGAGGAAAAGGAAGGGGA AAAAAAAGGAAGAAAAAAAGGGGAGCACCAAAAAACAGGGGGGGGGAGAT AA $\ln$ GAGGGGGGGGAAGGGGGAAAGGAAGGGGAGGAGGAGAAAAAGAAAA AAAAAAAAGGGGGGGGAAGGAAGGAAAAAAGGGGGGCCAAGGGGGGGGA AAAAAGGAAAAGGAAAAAAAAAACCGGGGGGGGGGGGCCAAGGCCCCAAG GGGAAGGAAAAAAGGAAGGGGGGGGAAGGGGAAGGAAAAAAAAAACCTTG GGGAAAAGGTTAAGGGGCCAAGGGGCCGGGGAAAAGGAAGGGGGGGGGG GGGGAAGGAAGGGGAACCGGGGGGAAGGAAAAGGAAAAGGAAGGAAGGA AGGAAGGAAAACCAAAAGGAACCAAGGGGGGGGGGCCAAAAAAAAAAGGG GCCGGGGGGAAGGAAGGAAAAGGAAGGAAGGGGGGGGGGAAGGTTCCGG G G G GAA G G G G AAAAAAAAAAAGGGGGGGGGGGGAAAAGGAAGGCCGGCCA AAAGGAAAAGGAAGGAACCAAGGGGAAAAAAAAAAGGGGAAAAAAAACCA AAAGGAAAAAAGGGGAAAAAAAAAAAAAAAAAAGGAAGGAAAAGGAAGGA AAACCGGGGAACCCCAAAAAAAACCGGAAAAAAAAAAGGGGGGGGAAAAA A G GCCGGGGAAGGGGAAGGGGAAGGAAGGCCCCAATTGGAAGGAAGGAA AAAAAAAAAAGGAACCGGAAGGAAAAAAGGACGAGGAAAAGACCACGAGA GAAGAGAGGGCAGGGGAAAGAAGAGGAAAAGAAGAGGAGGAGAACCGGG G G G A G G G G G G GAAAGGACAGAGGGGCCAAAAGGGAGGGGAAAAAAAAGG AAGAAAGGGGACAGAAGGGGGAGAAAGGGAAGAAAAAGGAGGCCAAGGCG CCAGAGGACCGGGCAAAAAGAGAGGGGAAAGGAGGGCGGGCCAGGGAGG A G G G G G GAA G GAGGAGGGGGGAAAAGAAGAAGGGGGGAAGGGGGAAAGG AAAGCCAAGGAGCAGGAAAAAAGAGGAAGGAAAAAGAGAACAGAGAGAGG GAGAACATCCAGGGAGCAAAAAAAGAGAGAGGAAGGGACAGGAGCAACAA AAAGGAAAGGGAGGGGAAGGGAGAGGGGAAAAGGGGGGAAAACCAGAAG GCCAAAAAGGGGAGGGAAAGGAAGAAAAAAACCAGAGAAAAAAAAAAGGG G GAAACCGGGGGACCGGAAGAAGAGGAGGGGCCGGGGGAAAGGGAAAAG AAAGAAGGAAAGAGAGGAAAGAAAGAGGACGGAAAGGGAGGGGAAAACGG AGGAGGGAGGAAGAAAGGAGAGAAGGAAAGGGAGAAAACAATACAGAAAA AA A A G GAGGAAGCAGGCCGGGGGGGGGGCCAAGGGGGGCGAAGAAGGGG GAAGGAGCCAAAGAAAAGGAAGGGGGATAACGAAAGAGGAAGGAACCCCA ACCAAGGGGAAAAGGAAGGGGAAGGGGAAAGAAGGAAGGAAGGGGGGAA AAAAGGAAGGGGGGAACCGGAAAAGGAAAAGGGGCCAAAAACGGGGAGCC GGAAGGAAGGGGAAAAAAGGCCGGGGAAGAGGAGACCACACAAAGAAGAG CAAAACGAACAAAGGGCCAACCAGAGCCGGAGGGGGAAAGAGCCACAAAG AA $\operatorname{G} A A \operatorname{A} C A A G A A G G A G G G A G A A A G G G G G G G G A A G G A A A G A A C G A G A G A G$ GGGGGCCGGGGGGGGCCGAAGGAAGGAAGGAGGGGGGAAAAAGAGGGCC AAGGAAAGGGAGAGAAGGGGAACACAGGAAAAGGGGAAAGGAAGGAGAAG AGAAAAAAGAAAAAGAAATTGGAGCCAAACGAAGAAAAAAAAAAGGAAAA GGAGGAGAGGCGGGACAGAAAAGGGAAACACCGAAGAAAGGGAAAGAACA GGGGGGAGGAAAAGGGGAAAAAAACCGGGACAGAAGGAAGAGGGGAGAG G G G A G G G G G A CAAAGACGAAAAAAAGAAGGGCCGGAGACGGGACAGAGAG GGGAAGATTCACCCCGAAACCAAAAAGAGAAAAGAATCCCCGAGGAAGGA AACTTGGGGAGAAGGAAAAGAAAGGAACCGAGGAAAAGGAAAAAAAAAAC AGGGGCAAGGGGAGGAGGAAGCCAGGGAAACGAGGAGAAACACAACAGAA G G AA GAAA GAAGGGGGAAAGGAAAAAAAAAACCCCCCAACCGGAAAAGGG GCCAA G G G G G GCCGGAAGGGGGGGGGGAAAAGGAAGGGGCCAAGACCAG GGAACCAGCACAACAACCGAAGCCAGAAAAAAGGAAAAACGGAGAAAACC AAAAAAAAAAGGGGGGGGAAAAGGGGCCGGGGAAAAGGGGGGAACCAAAA G G CCGGGGGGGGTTGGGGAAGGGGAAAAAAGGAAAAGGAAGGGGAAGGG GCCAAAAAAAAGGGGGGGGGGGGAAAAGGAACCAAAAAAGGAAGGGGGG G GAA G G G G G GAAGGAAAAGGGGCCAAAAAACCAAGGCCAAAAAAAAAAGG AAAAAAGGAAGGAAGGAACCGGGGAAAAAAGGGGCCAAAAGGGGAAGGAA AAAAGGGGAAAAGGAAAAGGAAGGGGGGAAAAAAGGAAAAGGCCAAAAGG GGGGCCAAAAAAAAAAAAAACCAAAAAAAAAAGGGGGGAAGGAACCGGGG

AAAACCGGAAGGAAGGAAGGAAAAGGGGAAGGGGGGAAAAGGGGAAGGG GAAAAGGTTGGGGCCGGAAGGGGGGAAGGGGGGAAAAAAGGGAAGCCGA CCGGAAGGAGGGCCAAAAAGAGGATTGGGGAAAGGGAACCAAAAAAAAGG GGAACAAGACAAAGCGGGCAAAGAGGGGCCAAAGCCGGGAGGGGAATTAG AGGGAGAGGGGAAAAAGGCAGACCTTAAGGGGAGGAAGAGGAGGAAAGAA AAGGAACCAGGGAAACACAAAAAAAAAAAAAACCAGAGAAAAGGGGAAGA GGAAAAGACAGGGGCCGGGGCCAGAAAAGGAGCGGGAAAAAAGGAGCAGA AGGGGGAACAAGAAAGAGGGAAGGAAAAAAGGCCAAAAAAGGGGAAAATT GGGGGAGGAGAAGGAAAAAAGGAAGAGGGGAAGGGGAAACAGAAGAGAG GCCGGGGGGAAAACCACATAGAAGGAGAAAATTAAGGAGAAGGAGCAGGC CGGGGGGGGCCGGAGAAGGCAAACCGGAAGGGGAAACGGGGGGCCGGGG GAAAGAACAAAGCGAAGGCCGAACGGCCGGGGGAGGGGGAAGAACCAAGA AGGGAAAAAGGAAAAAAAGGGGAAAAGGAAAAGGGGAAGGAAGGGGACAG AAGAGGGGGGCCAGAAGGGAAGAAGGAAGGAACAGGCAAAAAGGAGGGAA GGACCCAGAAAGAACCCCCACAAAAGAAAGGGGGGAAAGGGGACAAGGAA AACAGGAAAAGACCAAGAAAAAAAAACCCCGGGGCCGGCAAAAAGAAGGG AAACAAGGGGGGAGGGGGAAGAAGAAGAAGAAGGAGAAACAGAGGGGAG GAACCGAAAGGAAAAAGCAAGGGAAGGCCAAGGGGAGGGGGAGGGAAGG AA G GAAAAGGGGAAGGGGAACCAAAAAAGGGGGGAAGGAAAACCAAAAAA AAGGAACCGGAAGGGGAACCAGGGCCAAGGAAAACCAGACGGAACCGGAA GGAGAAGGCCAAAAAAAAACGGGAAGAGGGGGGGAGGAAAAAAGAAGGGG GACCAAAAGGAAAAAAGGGGGGAAGGAAAAAGGAAGAGAGGGGGAAAGAG GGAACCCCAAACGGAAGGAAGGCCGAAATAAAAGGAAAGAAAACGGGGAA GAAACGAAAAAACCGGACAAAAGGAAAGGGGGAAGAAGAAAAAACCCCAG CCAAGGAAGGAAGGGGAGGCAGGGGGAACCAACAAGGGAAGGAAAAAAGG AACCCCGGAGGGAAAAGGGAACGGGGAAGGAGGGCCGGAAGGAAAAAGAG GGGGGGGGAGAGGGGGGGGGGGCAGACATAAGGAGGGAGAAGAGAGAGC AAGGAAACCACGGACGGCCGGAAGGGGAAAGAGGACAGAAGGGAAGGGGA AAGAACCGGAAAGCAGCCCGAGGGAGGCCCCAAAAAAAAGGCAAAGAACG GGAGGGGGGGGGAGGGGAAAAACGGGAAGAGGGGGGGGGAAAGAAAACC GGGGGGAGGAAGAGGAAAAGAGGGAAAAGGAAAAGGGGGGGGGAAGGAA GAAGGAAAAGGAAAAGGAAAAGAGAAGACAGGGAGGAAGGAAAAAAGAGA GAGGGGGAGGGAGAGGGGAGGAGGGAAAAGAGGAAAAAAGAGGGGAAGG AGAGAGAGGACAGAAAAAGGAAGGAAGGACGGGACCACGGGGCCAAAGAA GGGGGGGGAAGGCCGGAACCGGAAGGGGGGGGCCGGAAAAAAAAGGGGG GAAAACCAAAAGGGGGAAAAGCAAGAGGGAAAAGACCCCCCAGCCCACCA AAGAACAAGGAAAATAGAGGGGGGGAAGGGAAAAAGAAAGGAAAAATGAG GAAGGGGAGAGAGAGAAGGAAGGCCAAAAAGGACAGGAGAGAAGGACGAA GAGAGGAGGCCGGAGGAGGAAGGCCGGAGCCAAAAGGAAAGCACAAAAAC CCCCCCAAAAAAAACGGGAAAAAAAAAGGGGGGGATAGGGGCCGGGGGAC CAGAGGGAAGGAGAGAGGGGGCCGAGACCGAGAAGAACCCCGGAAAGAAA GGAGCAACCCAGGAAAAGGAAAGGGGAAGGGAGCCGGCCAAGGGGAAAAA ACAGGGGCCGGACGGAACGGGCGAAGGGGGCAACCAGAGAGAAAAAGGAA AAAACGGAAGACAGGGGAGGGAAGGGGGGAAAAAAGGGGGGCCGGAAAA AAAAGGAGGAAGGGGAGGGGAAGGACAAGAAAGGAGAGGAGGGGCCGGA AGGGAAAGGGAGGGAAAAGCAGAGAGGGGAGGGAGAGAACAGGGGAAGA ACGAGGCCAAAGCAGAACCCAGGAACGGGGATGGGAGGAAGAGAAGAAGG GGACGGCCGAAGGGAAAGGAGGAAAAAGAAAAGGGGAAAAGGGGCCAAAA GAGGGAGAGAGGAGGGAGGGGGAGGGGGAGGGGAGGGGGGAGAGGAAGG GGAGGAGGGAGGGAAAGGAGGGAAAGGAAGGGAGGGAAGAGAGAAGAAG AAAAAGGAAGACAGGGCCAGCAGGGGAAAGACAGAGGGCAGAAAAAAAGG GGGGCCGGCCACAAAGAAAAGGGGAAGGGACACCAGAGAGGGGACCCCGA GGAGGGAGGGAAAAAACAGGGGGGGGAAGGACGAGAGGGGCCGAGGAAA AAAGGAAGGGAGGAGAAAAAAGGGAGGGAGAGGGAACGGGGAAGGAGCA GGCCAAAAGGAAGGGAGGGGAAGAAACAAGGACAGAGGGGAAGACCAGGG GGGAGGAAAAAAAAAAACAAGGAGAGCAAGGGAGGGAAAAAAAAAAGGAA CCAAAAGGCAAGACAGAACCAAGGCCAAAAGGACAAGAGAGGGGAAGGGG GGAAAAGGGGAAGAACAAAAAGGGGGAAGGGGAAGGGGCCGGCCAAGGA AAAGGCCGGAACCAAAAAAGGGGAAAAAAGGGGAAGGGGAAGGAAAAGGG GGGCCGGGGGGAACCAAGGGGAAAGGAGGAGAAAGGGGGGGAACAAAGG AA $A G G G G C G G G G A A A A G G G G A A A G A G G G C A A G G G A A A A G G G G G G G G A A G$

AA G GGAGGAAGGAGAGAGAGAGAAGGAGGAAAAAGGAGGGGAAAAGGGG AGAAATAGGAGGAAAAGGCCCCAGAGAAGATTGACCGGAAGGAAAAAAAA CCAAAAGGGGGGGAGGAAGGAGAAGGCCGGAGGGGAGGGGAGCCAAAAG ACCAACCAGCAGGGAAGAAGGGGGGAAAACAAAGGGGGGCACAACCAGGT AACGGAAGGCAGGGGGGACAACCGGGGCAGGGGGACAGAAAAAAAGGAAA AGAAGAAGAGGGGGGGGGGACAAGGTTAAACAAGGGGAAGGAGGAGGGA GGAACCAGAAAGCCGAGAGAAAGGAAGGGGGAGGCCGGAAGGGGGGGGC AAAGGGGCCGGAAGGAAAAAGAACACCAAGGAGAGAGAGATAAAGAGAAT TGGACAAAAAGAAAAAAGGGAACGAGGAAAAGGAGAAAAAAAGGGAAAGG GGAGGGAGGAGGGGGCAGAGGCAACAAGAAGAGAAGGATACAAAGGGAAA AGAGGGGGGAAGGGGGAACGGAGAGAAAAAGCCAGAAAAGGAAGGAGGA CCAAGGGGAAGGAAGGGGGAGAAACCTTGAGAGGACAAAAGGGACCAGAA GGAAGGAAGGAACCAAAAGGAAAGGACCAGGGGGAAAAAAGGCCAAAAAA GGAAGAAACAAGGGGAGGCCCAAGAACAGAGGAGGGAAAGGAAGCCGGAG GGCAGGAGAGGGAGCAAGGAGGAAAGGAGAAGGGGAGGGGGGGGAGAAG GAGAAGAAGGGGGAAAAGGCCAAGGAAGGAAGGAACCAAAAGGAAGGAAA ACCCAGAGGGGGGGGGGAAAAAAGGGAGGGGAGAAAGAGAACCGGAGGG A G G G G GA $\operatorname{la}$ GGGGAAGAAGGGGACAAAGGGGGCCGGAGAAGGAGAGACA GGAGAAAGGAGGGAAAGACACGGAAGGAAGGACAAGGAACCAACCGGGGA AAAGGAAAACCAACCAACCAGGGAGAAAACAGACAGGGGAAACAAGAGAA GAGGAAGGGAAGAAAAGACAGAGCCGGGAAAGGGGACAAGGACGGAAGG GGGGAAAGAGGAACAACAAGGGGGAAGGAAAAAAGGGGGGGGGGGGAAG GGACCGGAAAAGGCCAGGGAAAAAGGAAGGGGGGGGGGGAGGGAAGGAA GGAAGGAAAAAAGAGGAGGAGAGAAGGAGGAAAAGGCCAGAAAACCGAGG TTAGGAGAGGGGGAAGATCACCCCGAGGACAGAGAAGGAAAAGGAAGGAC AAACCAAAGGGGGGAAAGAGGAGAAGCCGGAGAGAAAAGGAAGGAAGAGG AA GAAGAAGGGGAAAAAAAAGGGGAAGGCCGGCCAGGGGGGGGGAAGGG GGGGGGGTTAAAAGGGGAGAGGGGGGGGGGGGGAAACGAAGAGAAAGGG AAAAAAGGAGGGGGGGCAACAAGGAACCAAGGAAGGCCAACCAAAAAAGG GGGGAAAAGGAACCAAGGAAGGACAACCAAGGAAAAGGAAGGACGGGGAA GGACAAGGGGGGGGGAGGGGGGACAGGGAGGAAACCGAACGGGGCCAAG GGGGGAAGGAGGAAAGGGGAAAGGGAGAGAGACAGAAGGGAAGAAAGAG GACAAGAGGACCGGGGGGGGGGGGAGAGCCAAAAGGAGGGAACCAAAGA GGAA GAGGGAAGGCCGGAAGGGAGAGGGAGAGGCAGAGGAAGGGGGAGA AAAAGGGGACGGGAGGGAAGGGGGAGGACCGGAAGGAAAGAAGATTAGA GAAAGGGGGGAAGGAAAGGAGGACCAAGAGGGGACGGGGGGGAAAGGAG CCGGGGCCGGGGACCCAAAAGGGGGAGGAGAGGGAGGAGAGGGAGGGGA AGGAAGGAGAAAAGAAGAAAATTCCAGGAAAGGACAGACAAAAAAAAAGA GGGAAGGAGGGGGGGGGGGGGAAAAGGAAAAGGAACCAAAAGGGGGAAA AAAGAAGGGAAAAGGGAGGGAAAGAGGACCAAGGAACCAACCAGGGAACC AGGGGGGGAACCAAAAGGGGGGAAAGAGAACCGAAGAGAAAGGAGGACGA CCAGGGAAGGAAAAGGGGGGGGAGCCGGAGGGCCGGGGAACCAAGGGAT TAAAACAGGAAGGAGAAAGGGAGGGAGAGGGGGGGGGACAGAGCAGACA GGAGGGAGGAGAAAGGGAGAGGCCAGTTAAGGGGAAAACAGGGAAAGAG GGGAAGGAAGAAGAAAGGAAGAAAAGGCCAAAAGGGGCCGGGGCCGGCCA AAAAAGAGGACCCAAAGAGAAAAGGGGAGGGGACCAAGGCCGGGGGAAAA AGGAAGGAAGGGAGGCCAGAAAGAGAGGGGAGAAGGAGGCAGAACAGAG AGGGGGAGACGAGAACACGAGGAGAAGAGGCCAGGGGGAAAAAAAAGGCC GGAAGGACAAGGAAAAGGGGAGGGAAGGAAAGAGAAAGCAGGGACGAAAA GGGAGGCCGGCAAAGAACGAGGCAACACAAAGACAGGGAAGGGAAGGGGG GAGACCGGGGAAAAAAGGGAGAAAAGAAAGAGGAAGGGAGGAGGGAAAAA AGGAGAGGGGAACACAGACAAGCCAACCAAGGGAAAGGGAGGGGAGAAGA GGAAAAGGCCACGGAAAAGAGGAGACAAGGAAGGGGACGGCAGGCCCAAG AAGGAAAAGGGGAAAAGGCCGAAAGGGGGGATAGAAAAAAAAGGGGGGG GAAAGGAGAGGGGAGTTAAAGGGGGAGAAAAAAGGAAAAGGAAGGAAAAA AGGGGGGGAGAAAGGGGTTAAAAAAGGAAGGGGGGGGAATTCCAACCAAA GGGGGGGAAAAAGAAGGGACACCAAGAAGAACCAGGGAACACCGGAAAAA AACGAGAAAAAGAAAGGAAAGAAGACCAAAAAAAAAAAAGGAAGAGACCG GGGAGAAGGAAAACCAACCAGCCGAAAAGCAGAGAGAAAGGAAGGGGAAG GAACCAAAAAAGGGGAAGAGGAGACGGCCAGGGGGGAGAAAGGAAAGGG GGAAGGAAGGCCAAGGAAAAAAGAAAGGAAGGGAACGGGGAAACGAGAGG

AA G G G GAACCGGGGAAAAGGGGGGAAGGGAGAAAGGGAGGAAGGAAGGA AAAAAAAGAGGAAAGCACCCCGGGGGGAAAAAGGAAGGGAGAACAGAAGA GAAGGCCAGGGGAGGAAAAAAAAAAAGAGGAAAGAGAAAGGGGGGAAAAA AAGGGAAAGAGAGCCAGGGAACCGGGAAAAGCCCCGAACAAAAGGGGGGG GAACGGACGGAAGGGGGAAAACCGGAAAAAACCGGAAGGGGCCGGGGGG AA $\operatorname{l}$ GGGGGAAGGTTGGAGGGAGGAAGGGAGGGAGGGAAGGGGACGGAAG
 AAGGGAGGGAAAAGCAGGAGAAGGGAGAAGGGAGAGAGAGGCAAAACCAA GGCAGGGAAGAACCAACCGGAAGGCCGGAAAAAAGGGGAAAAAGGGAGGA ACCCAGGAGAAAGGAAGGCCGGAAAAGGGGGGGGGGAGGGAGCCGGAAA AAAGGAACCGGCCAAGGAAAAGGCCAAAAGAAAGGGGCCAACACCGGAAG GAAAAAACACCGAAGAAAGAAGGAGAAAAAAAAAAAAGAGAAGAAAAAAA AGGGGGGCCAACAGGAGAGAAACAAGAGAAAGGGGAAGAAGAACCAAGGG GAGAGGAAAGAGGGGGGCCAGAAAAGGAAGGGGAAAGAGGGAAAAGAGA AGAAAGAAACAAGGGAAAAGAAAGAAAGAAGGCCAAACCCAACCAAGGGG GGCCAAAAAGAGAGAGAAGAGAAGACGGAAAGGGAGAGGAAACCCCAAGA GGCCAGAAGAAGAAGACCAAAAGGCAAAGGGGGGAAAAAAAAAAGGAAAA CAAACCAGGAGGAACCGGAGGGCCGAGACCAAAAAAAGAAAAAAGGAGAG G GCCGGGGGCAAAAGAAAGGGGAAGGGGGGGAAAGAAAAAGGCCAAAAAA AAAACCCCAGAAAGAACCGGGAGGGGAAGGAAGGAAAAGGAGGAAAAGCA AAAAGGGAGGAAGGAAGGAAAACCGGAAAGAGAGAAAAAAAGAAAAGGAC CCAAAACCAAGGGGGGAGAAGGGGTTAATAAAACGGGGAGAACCGGGGGA CCAGAGAGGACCAGAGGAAACCAGGACAAGACGAGGAGAGAAAGAAGGAA AAAACCAGACGAGGGGAACCGGAGGAAGGAAAAAGGAAACGGTAAGAAGG AAGGAAAAAAAAAAAGCAGGAAAAGGGAAGGGAGGAGAAAAAGGAAGGGG CAGGGGAGGACCGACAAAAAGAAGGAAGAGGGAGCCGGGAGGAAGGAAAA AACCACGAGAAAAGAGAAAAAGTAAACCCCAGAAGAGAAGGGGGGGAACC AAAAAAAAAATAAAAGGAGGCCAGACAAAGGGGGGAGAAGAACAAAAAAA CAAAGGAGGGCAAACAAAGGACGGAAAAGGGAGGGGGGGGGGAAGGGAC CGAGGGAGAGGAGAAAAGGGGAAGGAAAACCGGCCAGACGACCAAGGGAG AGAAGGGAAGGAAAAGGAAGAGGGGGAGGCCAATAAAAGAAAAGGAGCCA AAGGAAAGAGGACAAACGGGGAGGACCAAGGAGAGAAGGGGGGAAAAAAG G G G A G AA G G G G GAAAAGGGGAGAAAAGGGAAAACCAATTGACCCGATCCA G G G G G AC GAGACAGGAAAGGGAAAGACAAGAGGAAAAGGAAAGAACCAAC CAGTTCCAGAAGAAGCCCAAAAACCGGGGGGAAGGGGCCAAAAGGGGACG GAAAGAGAGGAAGAAAGAAAGAGAGCCGGAAGGAAGGCCGAAAAAAGAGC CCCAAGGAAAGGGGAGGGGAAAAAAAAGGAGGGCAGAGGGGAAAAAAGGG GAGGGAGGGAGGAAAAGGGAAAAAAGGAGAGACGGAGGCAGAGAGAAGA GGGGAAGGGGAGAAGGGGAAGAAGGGAAGGGGGGGGCCGGCCGGAAGAC CACGGGAGGAAGAAAAAAGGGACGGAAGGGGGAACGAACGGAGAAGAGAA CGAACGAGGAGAGAAGGGGCCGGGGCATTAGAGAAGGCACCGAGAAGAGT A GAGGGACCGAAAAAGGCCGGGGGGAAGAAAGAGACAGGGAACAACCCAA AGAAAAGCAGAAAGAAGAAGGAGAAGGAAGGGGAGAAGGAGAAGGAAAAA AA $\operatorname{A}$ GGGGGAGGGGGAGAAAAGAGAAGGCCAGGGAAGAAGGGGGACGGAA GAGAGAAAGACCAAAAAAGGGGAAGGCCGGCCAAAAAAGGGGGGAAGGGA GAATGGACAGGGCCGAGGAAAGAAAGAATTGAGGCAGAGGAAAAGGAAAA GGGAGAGGGACCAAAAGGAAAACCCCAAAAGGGGAAGGGGAGAAGGGGAA AAGGAAGGGGCAGGACGAGACAAAAGGGCAAAGAGGAGAGAAGAGGCCGG G G G G G G AAAAAAAAAAAACCGGAAAGGGAGGAGGGGGGGAAGAAAAGAG G G G AAAAAAAAAAGGGGAGAAAAAACCAAGGGGAGGAACGAGGAGGAAGG AGAGAAGGGACGGAAAGAAAAAAGGGGGAAAGGGGGGGAGAGGCACGCC AAGGAACCAAGGAAAAAGAAAGCCGAGGCAGGCCGGGATAGGAGAAGGCC G G G G G G G G TAAACAGGAGAGAACCGAACGGCCGGGGGGGGAAGGGGAAA AAA $\operatorname{l}$ GGAGGGAGGGGCAGGAGGAGGGAAGAGAGAAACGGGGGGGGAAGG GGCCCAGAGAGGAAGGAAAAGGGGGGGGAAGGGGAAAAGGAACCGGGGG G G G CCGGAAGGGGAAGGAACCGGGGGGAAGGAAGGCAAGAAGGCAGGGG G G G G GACCGGAAAGGAAGGAGAGGAAAAAGGAACAGACGGAAGGGGACA GGGCCGGGGAAAACCGGGGAAAAGGAAGGGGAAAAAGGGAAGACCGGAG GGAACAAGGACCGGGGGGCAAGGGGGCCGGAACCAAGGAAAAAAAAAACC GGAAGGGGCCCCGGCAACCAACAAGGGGAGAGAAAGAAACAAAAGAGGAA A G G G G GCCGGCCGGGGGGCCGGGGGGGGGGGGGGGGGGAAAACCAAGGA

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GAAGAAAAGACCGAAAGGGAAGAAAAGGGGAGAAGGAGCAGGGGAAAAAA AAGAAAAAAGGGAAAAAAAAGGGGGGCAGCAGGGCCCAACGAAGGGAAAA AA $\operatorname{A}$ GGGGGCGGAGGGGAAGGGAGGACGGACCAGGAGGGAGGGGGAAAAG GAGGAAAAAAGCACCGGAAAAAGAATAGGGGGACCGGAAGGAGAAGGAAG G GAAAGGAAGGAAAAAAAAGGAAGAAGAGAGATCGGGGACAAAAAGGCCA AAAGACCGAGAAAAAAAAAGAGGCCGGGACCGGAAAAGACAAAGAAGCGA AGGAGCACCAGGAACGGGAAGGAGGTTAGAGGAAGCAGGGAACAGAAGGA AGGAAGGGGAAGGAAAGGAGGGGGGGGGGCCAAGATTGAAAAAGGCCGG GAGGGACCAGGACCAAGAAGTTAAAAAGGAAGAAAATAGGGAGACCAGGG GGAAAAGGAGCAAAGGGGAAAAAGAGAAAGGGAAGGGGGGAAGACAGGAA CCAAAAAGGAAAGGGGGGAAGGTTGGGGGGAAAGAGGAAGGGAACCGGC CGGAAGGAAGGAAAAGGAGGGACAAGGAAGGGAGAGGCCAAGGCCAAGAA A G G G GAGGAACAGGGGGCGCAGAGAGGGAGGAAAAAGGGGAGAGGAGGG GGAAAAAGAAGGAAAAGGAAGGGGGGGGGGAACCGGAGGGAGAAAGCAG GAAGGGACGACAGCAAGAAAGGGAGGGGGGGAGAAAAGGGAAAGGAAGG ACAGAGGGAGACGGAAAAAAGGAGCCGGAAAAGAAGGGAAAAAAGATTAA G G G G G A G G G G G G G G GAAGCCAAAAAAGGAAAGACGAAACAAAAGCCAATT G GAACCAAGGGGAAGGGGAGGGAAAGAACGAAAAGGAAAAAAAAGAAAGG G G G GAGAAAAAAAAAGGGAGAGCCGAAAAAGGGGGGGAGGAGAAGGAGG GGGCCAAAAGCCAGGAGAGACGGAAGACCAAAAAGAGAAGGAAGGAAGGG G G G G G ACGGGAGCGAAAAAACAAGGAACACCGGGAGGAAAAGGCAAAATG GAGAGGAGGCCGGAAAGGGCCAAGGAAAAAAAAAAGGGGCAAGGGGAGAA AA $\operatorname{l}$ GGGGGAGGAGAAGGGAACGGAAAGGGAAAGCACCGACCGGAAGAGA GAGGAAAAGAGAAGGGAAAAAGAAGGCCGGGACCAAAGAAGGGGCCGAAA GGGAAAAAGGAAAAAAAGGAAAGGGGAAGGGGGGAGAAAAAGGAGGGAAA G G G GTAGGAGAAGGAAGGGGGAGAGAGGGACGAAGGGGGGGGGGGAGGG AGAGGGAGGAAGGGGGGAAAAAGAAAGAAGAAGAAGGCCAAGGGAGGCAA GGGAAAAGAGAGGAGGCAAGGGGGGGGGAAGGGAACAAAGGAGGAGGAA GGCAAGCCAACAGGAGAAGGGGAGCAGGAGAACAGGAAGGCCAAGGGAAA AAGAAGAAGGAAAAGGGGGACACCGGAAGGAAGGGGAAGGCCGGAAAAGG GGCCAAGGGGGGGGGGAAGGGGAAGGAAAAAAAACCCCAAGGAAGGGGG GTTAAGGAAAAAAGGCCGGAAAAGGAAAAAAAAGGGGGGAAAAGGAAGGA AAAAAAAAAAAAAGGAACCAAGGGGCCCCGGCCCCGGAAAAAAGGAAGGG G G G G G G G G G G G A A G G G G G G G G A AAA G GAACCAAAAAAGGGGGGAAAAGG AAGGAACCGGGGAAAAAAAAGGAAGGGGGGAAGGAAGGAAAAGGGGAAG GCCGGAAAAAAGGAAAACCGGCCAAAAGGAAGGGGGGAAGGAAAAGGAAG GAAAAAAGGGGAAGGAAGGAAGGAAGGCCAAGGAAAAGGCCAAAAAAGGA ACCCCGGAAGGTTAACCAACCAAGGGGAAAAAAAAAAGGCCGGAAGGAAA AAACCGGAAGGGGAAAAAAGGAAAAGGGGGGGGAACCAAGGGGGGGGAA G G G G G G G GCCGGGGAAGGAAAAGGAAAAAAGGGGGGAAGGGGAAAAAAA AAAAAGGAAAAAAATCCAGGAACACCCAGGGGGAAGGAAGGGGAAGGAGA GAGCCCCAGGGGAGGGAAGGAAAAGGAAAAAAAAACCAAGAGAAATAAGA AACAGAAGGGGGGAGAAAGCAAAAAGGAAAGAAGGGGAAAAGGAGAAAAG GAGAAAAAACCGGCCGGAAGGACGAGGCCGGGAAAACAGAAAAAAGGAGA GAGGGGAGGAAAGAGGAAACAGGGAAAGAGGAACCCCGGGCAGATGAGGA AAAGAACGGGAAACCGAAAAGAAAAAGCCGGGGTAAGGAAGGGGAAAAAA GAGAGAGGGGAAAAGGGACGAACAGACAAAGGAAGGGGGGGAAGGATGG CCAAGGGAAGCCTTCCGGACAAGGAAAAAGAAGGAAGGAGAGGGGGCAGA A GCCAAAGAAGACCGGGGGGAGCAGAAAGGAAGAAGAAAGGAAAAAAGAC G G G GAGGGAGGAAAAACCAAAAAAAGCCGAAGAAGACCAACAGGAGAAAA ACCCAAGGAGAGGAGGGGGGGGGGCCGGAAGGGGAAAAGGAAAGGGAAA ACCAAGGAAAACAGAGGAGAAAAAGAGAACAGGGGAGCCAAAGGAGAGAG GCCGGCCAGGGGGCCAGAAAGGAACGACAGGAAGACCCCAAGGCCAAAAA AAAAAGACGAAAAGAAGGACCAGGGGGGAAAGGAGAACAAGGGAAGAGAA CCCAAGGAACAAAAAAAAAAAAACCGGGGGGAAGGGGAAAAGGCCGAGGG GTAACAGCCAAAAAAGGGGGAAGAAGGGAAGAAGGGGAGCGGAAACACAA TGCAAGGCCAAGGAAAGACGAAAGAGGGGGGAGGGGGGGCCGGGGAAGG AACCAAAAAGACGAGACAGGAGAAAAAAAAAAGGGGGGAGGATTGGAGGA ACGATTGGAAACGAAAGGGGAAAAGGAGGGGGAAGGGGGGAGGGAAGAA AGAAACCGGGGAAAAGGAAAAGGAAAAAACCGGCCAAAAAAGGAAAAGGA AAAGGGGGGGGGGCCAAGGGGCCAAAAAAAAGGGGGGGGGGCCAAAAAA

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G G G G G A G A G G G G G A G G G G A A A A G GAGGGAAGGAAGGACGAAAGGAAGGC CAACCGGGGAAGGGGGGGGGGAAGGAAAAAAAAAAGGGGAAAAAAAAGGA AGGAAAAAAGGGGGGGGCCGAAGGCAAGGGAGAGGAAACGAGGGGGGAA GGGGAACCGGAAGGAGGGAGAAGGGGAGGAGGAGAGAGGGGAGAAAAAA AAAGGGGAGAGAGAAGGAGGGAACCGGAGGAGAACGAGAGGAAGGGGAA
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GGGCCGGGGGAAACCGGAGGGAAAGCCGAAAGGAAGGAAAGAAGGGGAA G GAAAAAAGAGAAGAGAGAGGGAAAGGACCAGGGCAAAGGAATAAGGGAG GAGGGAGGGGGGCCAAAAGGAGGGACGAGACCAGAAGGAAAGAAAAGGG GCCGAGAAGAGAAAAGGGGAAACAGGAGGGAGGGGGGAGGGCAAAAGCC G G G GA GAGAGAAAAGAGGAAAAGGGGGGGAAAGAAGGGCCGGCCAAGGG GAAGGAAGGGAAACCGACGAAAGGGGGGGAAAGAAAGAGGGTTAGAGCCG ACAACGGGGCACAGGAGGAGGAGAGAGGAGACCGGGGGAAGGGAACCAAA GAAGGCAGAAGAGCAAAGGAAAAAGGGGGGAGGATAGAAGAGAAAGATAA GAGGGAGGAAAAAAGCCGGGGGGAGGGGGGAGGGGGACAGAAGGGCAGG ATACAAGGGGCCGAGGACAGGGGAGGGGAAGGAGAAAAGAGAGAGAAGAA CAAGAAGGGCAAAGGAAAGGAGAGTTGAAACCAAGGAAGGGGGGGGGAGA GGAGGGGAGAAAAACCGGAGCCGGGGAAGACCGGAGGAAAAAAGAGGACG GAACGGACGGCAAAGGAGAAAAGAAAAAAAGGGGGAAGAGAGAAAAAAAG GGAGGGGGGGGGAAGGGGAAGGAAAAATCAAGAGGGGACCGCAGGAGAA AGAGAGGGGGGGGGGGGGAACAAGAGACCAAGGAAAAGGGGAAAGACAA AGGAACGGCAGGGGAGAGAGGGAGAGAAGAAGAGAGAGGAAGAAGGAAA ACCCCGGGAGAGGGAAGAAAAGGAACCAAATAGGGAGGACAGAAAGGCCG GGGACGAGAGAGAGGGGCAAAAAAAGGAGAGGGAAAGAGGGGGAAGGGG GCAGAGAAAAGACCAGAAAAGGAGGGAAGAGAGAGAAGAGAGGAAGGGCA CCCCAAAGAGAGGGCCAGGGAGGAAAGGAGAGAAAGCAAGACGGGAGAAG CA $\operatorname{l}$ G G G G GAGGGGGAAAGGGAGAGGGATGGACGAAAGGGGGGCCGAGGG GAAAAAAAAAAAACCAACAGGAAGAGGGGAGAAGGAAAGCAGAAGGAGGG GAAACAAGGGAGAAGAGGGGGGGGGAGAAGGAGAAAAGGGAAAACAAAGA AGGGGAGCAGAGGAGGGAAGGAAAGACGAGAGAGAGAGGACAGGAAAAG AAAAAAGAAGGCCAGGGAGCACAAAGACGGGGGGCCCAAGAAAGACGGCG CAACGGAGAAAAAAGGGGAAAAGGGGGGAGACAAGAGGGGCCAGAGAGCC AGAAGGGAGGGGGGGGAAGGAAAGGAGGCAAAAGAACCAAGGGAGGAGG GAGAGAGGGAGGGGGAGAAGGAAAGAAAAGAACGAGAAGAGGGGGAGAA GGAAGGAAAGCCAAGAAAGGGGGGGGCCAAGGGAGGAACCCAAAAGGGGA GGAAAACCGGGGAAGGAAAAAAGGAAAAGGGAAAGGGAGGGACCGGGAGA GGGGGAAAAGGGACAAGGAAGGAGAAAAAAACGGGGCGAAGAGGAGAGG GAAGGCAGGAGGAACGAAAGGAAAAGACAGGGGGAGGAGGGGGAAAAAA G G G GAA G G GAGGGAAGAAGGGAAGGAGACCAAGAACGACCGAAGAAGGCC AAAGGGAGAGGGAAGGCAGGGGGGAAAAAAAAGCAAAAGAGGGAAAACAA G G G G G G G G G G G CA GAGGGAAAAAAGGGGGGGGAAAGAAAAAAAAAACCA AGGAAAGGGACAGGGAGCGAGGAGGAAGAGGAGGAGAGAGAAAGGAGAG GAAGGAAAGGAAGGAGCAGGAGGGGAGGACGAGAACCCGAGAAAAGAGAG AAAAGGAGGAGGGGAAAAGGAGGAAGCACACAACACGGGAGGGAAGGGG GACCAGAAAGAGGGGAAGAAAACCCAAGGAGAGCCGGGAAAAGGGAGAAC CGAGAGGGGAGAGAGAGGAGGCCCCGGCAAGAACCAGGGGGGGAAGGGA AGAGAGGGAGAAAGAAGAGGAGGGGAGGCCAGGGAAAAGAGGGGGAAAA GGGGGGGAAGGAGAAAGGGGGGGAAGGAAGGAGAAAGAAAAAAGGGGAA CATAAGGGGGAAACCCGGAAGAAACCAAAAGGGGAAGGGAAAGGAGAAGG GGGGGGGAAAAAAAGGGGAAATGGGGGGGGCCGGGGGAAACCAAGAAAC CGGACGGAAGGAACCAAGGAAGGGGCAGAGAGAAAGGAAAAAAAAAAGGG GCCAAAAGAAAGGGAGGAGACGGGAGGCAGGAAACAAACGAAGAAAAGGG GGGAAAAGGTTGGAACCAAAGAAAAGAAGCAACGAGGGAGGAAAAACGAG GAAAGGGGGGGGGAAGGGGAAAAACGAGAGAGAGGGGGGGGGAGAAAGA AAAAGAAAAAGGCCAAAAGGAAAAAACCGGAAGGAGAGACGGGGGGAAAA ATGGAGACAAGGGGAAAAAACCGGCAGGGAAGCAAAAAAAAAAGCAGAAA GAAAGGAGGGAGACAGAGATTAAAAAAGAGCCGGAAAGAGAGCATTGACC AGAAGGAGAGAGCAAAAAGGAAGGGACCGAAGACAAGGACGAAGAAGAGG GCGAGGGGGAGGGAACAAAGGGAAGGGAGAAGAAGGAGAAGGAAGGGGG AAAGGCCAGGGAAAGGGCCAGAGAAGGAAAACCGAGAAGCAAGAGACACG GGAAGGAAAAACCAGAAGAAACCCCGGGAAAGGAAGAAACAAAAAAAAAG AGAGGAAGGAGGGGGGGAAAAAGGGTAACAGGAAGAATTAAGGGAAAACG A G G A G GAGGGAGGAAAACCAGGAGGAAGGGGAAAGAAACAGAAAAGCAAG GAGGCAAAAGGGGAAAAGGCCGGGGGGAAGGGGAAAAGGGGCCGGAAAA G GAAGGAGGAAGGACCGGGGGGGGAAGAGGAAGAGGAAAAAAAAAGGGC CGGGGGAAAGGGGAACAAAAAAGAACCGGACAAAGCCAGCAGCGACCAGG GAAGAGGCGGGCCAAAAAGGAGAAGAGAGACAAGGCCAGGGGGACGGGG

AA G G G G G G G GAGACAAAGGAAGAAGGCCGGAAAAAAAAAGAAAAAAGAGG GGAAAGGGCCAAAAAAGAGAAAAAGGAAGACAAAAAGGCCGGAAAGAAGA AGAAAACCAAAGGGAGAAAAGGCCGAGGAAGGAGGGGGGAGGCCGGAAGA GCAGGGAGAAGAAGGGACCACCGGCCAAGGAAGAAAGGGGAAGGGGAAG GAAGAAAAAAACCCCGAAAAAAAGGGGAAAAGACAGGAAGAGGGGGGAAG G GACCAAGGGGGGCCAAAACCAAGGCCGGAGGGAAAAGGAAACAAGGACG AGGAAGGGGAGGAACGGAAGGGAGGAAGGGGAGAGAACCGGAGGGAAGA GAAAAAGGCGGAAAAAGGAAAAATAAAGGGGAAGAAGATTAAAAAAGACC CAAAGAAAGGAACCGACCAAAAAGGGGGAAAGAAAAAGGAACGGAGAGCA ATGGAAGGGGAAGGAAAAGGGAGGAACAAAGGGATTAACCAACCAAAAAA GAAGAGAAGGGGAAAAAGAGAGCAAGGGCAGAAGGGAGGAAGGGACAGG AAGGGAGGAAAAAAGCCAGCAAAAGAGAAGGGGGGCCGGAACCGGGAGAG ACCGAAGGGAAGAAGAAAAGAGACAAATAAAAAGAGGAAAAAAAACCAAA GAGAAAGAACAAAGACAAACAACCAGGCCGGGAAGGATTAAAAGGGAAAG AGGAAGAGAAGAAAAGGCCACGGGGAGAGGGCCGAAAGGGGGGAAGGCA GGGAAAAACCAGGGAGACACGAAGAAACAGAGGGAACCGGGGCCGAGGAG AGAAGAAAGGAGAGAGAGGAAGAGAAGACAAACCAACCGGGGAAGAAAGA TTGAGACAGAAGAACCAGAGGGCCACAGGGAGGGAAGAAAAGAACAAGGA GGGAAAAAGGGAGAAACCGGAAAAGGAAAGGAGAGGAAGGGGAGAAAGG GCCAGGAGGGAGAGGGGGAAGGAGGGGCCCCGGAAAGAAGGGGGAAAAA AGGAAGAGGGCCAAAGAGGAGGAAGGAAGGGGAAGACAAAAAAAAGAAAA CCCGAGGGACAGAGGGAGGAAACCAGGGGAGGGGGAGGCCGGGGAACCA ACCAGGGAAAGGAGGAAGGACAAGGAAGGGACCAAGGTTAAAAGGAAAAG GAAGGCCGGGGGGAAAAAAGGGGAACCGGAGCCGGGGAGAAGGAAAAAG GAACAGAGAAAAAAAGGAAAAAAAAAGAGGGAGGGGAAAAAAGGAAACGG TACCAGGGCCGGAGCCGAAAGGGGACAAGGCCAGGAGGAACCAAGGAAAC GGAAAGAGGGGGAAGAATCCGAGGAAAACAAAAAAAAAGGGGAAAAAACC AA $\operatorname{l}$ GGGAAAAGGCCGGGGGGAAAAGGGGGGCCAACCGGGGGGGGGGGGG GAAAACCCCAAGGAAGGAAGGAAGGGGGGGGAAGGAAGGAAGGGGCCAA GGAAGGGGGGGGCCAAGGGGAAGGCCAAAACCAAAAAAGGGGCCAAGGG GGGGGCCGGGGGGACAAAGCAACCAGGGGAGGGCGGGGGGGAAGGGGAA AAAACCGGAAAAAGAAGAAAACAGGCAGGAGGGGAGAAAGCAGGGAGGGG GAGGGGGGAAAAGGAAAGGGAGAAAAAACCGGGGGGAAGAAAGAGAGAG AAAGACCGGGGGGGGAAAAAAAAGGAAGGCAGAGGAGCGCAGGCCAGAAA GAAGGAGGGCCCCGGGAAAGGGGAACCGGAAAGCCAAGGGAACAAAGAAG GGGAAAAAGGGAGAGAAAAGGAAGACCAAGGGACCGGGAGGCCCCGGGAC CGAAGAAAAAAAAGGCCAAGGAAGGGGAAAAAAGAGGGAGGCCAAAGGGG GAAAAAAGGAGGGGGGAAAAAGGCAGAAAAGAAAAGGAAAGCAGAGGAAG GAGAAAAGGGGACGAGGAACAGGAACACCCCTTACCCCCGAGAGAAAAGC A G A A G GA G G G G A CAA G G G GCCGGGAAAGGAGGGCCAAGGGGGGAAGGAC AAAGAAAACCAAGGAAGGAGCCAACAGAGAAGAAAAGAGGGAGGTTAAAG GGGGAAGAGAGGAAGAGGGAAAGGAAAAAAGGAGACAAAAGGAACCGGGG CAAAGGGAAAGGAGGGGAGAGAGACAGGGAAAGGAGAGACGGGGGGGAG GGGCCAGAGAAAGACGGCACCGACCAAAGAGAGAAGGAAAGGGAAAAGGA AGGCCGGAGGGACAAAGGAGGGAGGAACCAGGCAAAAAGAGGGAACAGAA AGGAAGAGACCAAGAAGACGGGGGGAGGGAGGGGGGGAAGGATAGAAAA AGAAAAGGAAGAAGAGGAACAGGGGGGACAGAGGGAAGCCGGGGAAGGG GACGGAGGAAAGACACAGGGGGGAAGGTAAAGAGGGAAAGACAAACCGGA AGAGAGAAGGAAAAGGAAGGGGAGGAAGAGGGGACAAGGGGGGCAGGAA CAGGGAAGCAGACGAAAGGGAGAAAAGGAACCGACCCAGGCAGAGAAAAA
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CGGAAAACCAAGAGGGGGGAACCCACAGAAAAAAAAAAGAGAAAAAAGGA A G GAAAAGGCCAAGGGGACACAGGAAAGGGGGCAAGGGGAAAGAGAGAAG G G G G GCCGGGAAAAAGGGGGGAGAAGGAAAGGGCCAAAAGGAGAACCGA G G G GAA G G G GCCGGGGAAGGAAAAACGGAAGGAAAAGGGGAAGAGGAGA AGAGGCCAGGGGAAAAACCGGCAGAGGAGAAGAGGGGAGAATTCCGAAGA AA G G AATGAGAGGAACCACAGAAAAGGGGAAGGAGGGAAGGAGGAAGCAA AGAGAGGAGACAAGGAGCCGAAACAAAAAGGGGAAAGCCAGAAGGCCAAG CGGAACAAGAAAAAACCCAAGAAAAAAAAAGGACCGAGGGGCCCACCCCC CGGAAGGACGGGGAGGGAGAAAAACCCAAAAAGAGGGCCAAAAAAAGAGA AGGAGGCGACCGGTTAGGGGGCAAAGGGGGGAAAAGGCCAGAAAAAAGG GAGGCAGGAGGGAGACAGCCGGAAGAAAAAAAGGAGAGGATTGGGAAAGG AAAAGGGGCCGGAAAAAGGCAGAGGGGGGGGGAAACACAAGGAAGGAAG GCCGGCCGGGGCCAGAAAAAGAAGGAAGGGGAAAAAAGGAAGGGGGGCCA AAAGGAAAGGGGGAGGAAGGAAGGAGCGGGGCAAAAGGGCCGGAAAAGG CCAAAGCAGGAAAGGGGGGGAGGAAAGGAAGGAGGGGGGGAGACGGGAA GCCAAGGCCCCGGAGAGACGGGGAAGGAAAACCAAGGAAGGGGAAGGACA GAAGGGGGGGGAAAAGGGGGACCGGAGACAGAAAGGGAAGGCCGGGGAA AACCAAGGCCCCAAAAAAGGAAAAGGCCGGGGAAAAAACCGGAAAAGGGG GGGGCCGGAAGAAAGGAAAGAGCCGGGAGAGGAACAAGAGAAGGGAGGG GAAGAGGGGGAAAGAAGAGAGGAAGAAACGGAGAAAAAAAAGGAGGGAAG GGAACGGAAACAAGGAAGGGGAAAAGGGGGGAAGGAAGGGGGGAGGGAG A G A CAAACGGGGGGAGGGGGAGAGAGGAAGGGGGAAAGGAGAGAAGGGG GCAAAAGGAAAGGGAGAAACCAAGAGAAGCCGGGGAAGGGAGGAGGAGAA G G G G G A A G G GAGGGGGAAGGGGGGGCAGGAGAAGGGGGGAGAAGGAGGA GAGGGGAAGAAGGAAGGAGACCAACCGAAAACGGGGAAGGAAGAGGAAAG AA GAAAGGAAAAGGATGAGGAGAGAAAAAGGGACCCGGAAAGGAGGAGAG GGAAAGAGGGGGAGAGAAGGGGGGAAGGAAAAAAGGGGGACGAGGAAAG GCCAAGAGGGGGGAAAACCGAAAAAGGACGGGAGAAGGAGAGGCAAGCAA AGGAGAGAGTTGGGGGGAAGGAAATAACCAGGGAACCGAAAGGGAAGGAG AA $\operatorname{A} A A G G G G G G G A G G G G G G A A C C C C A G A G C C A A C A A A G A G A G G A G C C G G C$ AAACCAAGCGGAACCGGCCTTGGAACCAAGGCCAGAGGGAAAAAAGGAAG GAAGGGGCCGGAAGGGGAAGAAAGGAAAAACAAAGGACCGGAAGGAAAGA G G GA GAAAACCGGGGGAGGAAGGGAAGGGGGAAGGGAGAGAGAGACAAC GAAAGGAGGAAGCAGAAGAAAAAAGAGAGGGGAAAAGGGGGGGGAAGGA AAAGGGGGGTTGGAGGGGGAGGAGGAAGGAAAGAGGAGGAAAAGGAAAA AAGGAAAAGGCCAGAGCAAAAAGGACACGGGAAAAACAAAGGAAAAGAAA GAGGAAGGAGAAAAAAGGGGGGAGAAAGGAACAGGGAACAGAGGGGAGA GGAAGAGAAGAGGGAAAGGCAAGGACATATTGGAACCAACCAGGGACGGA GAAGGACAGGGAAACAAAAGAAAGGGGACGGGAGCGACCAGGAAGAAGAG AAAAAAAAAGGGGAACCAACCAAGGAAGGAAGGCCAAAAGGGGGGAAAAA
 G G G GAAAAAAAAGGGGGGGGAAAAGGGGAAAACCCCAAGGGGAAAACCGG CCCCGGAAAAAAAAAAAAAAAAGGAAGGGGGGAAGGAAAAGGAAAACCGG AA G GAAAAGGAAGGGGGGAAGGAACCAAGGGGAAGGGGGGGGGGGGGGA AGGCCGGAAGGGGAAGGAAGGAAAAAAAAAAAAGGCCGGGGAAGGAATTG GGGAAAAGGGGGAGGACAAGAAAAAGGCCGGCCAAAGCCAACCCAAAAAA AGAGGAAGGGGGAGGGGAAAGAGGGAATTGGACAACAAAGGACAAAAGAA AGGATAGCCGGAAAAAAAAAAGGAATTACGAAAAAGGAAGGAAAGGGCCA AGGCCCCAACCGGGGAGAAAAGGGACAAAAGAAGGAGAAGAAACCAACCA AAAAAGAAAGGAAAAGAATAAAGAACAGGCCGAAAGAAGACAAAGAAGGG GGGCCCCGGTTAAGGAAAAGGAAAGAGAGCGAGAAAGAGACGAAAGAGGA AAAGAGGGGGAGAAAGAAAAAAAAAGGAAGGGGCCAAGAAGAAGGAAGGA A G G G G G G AAAAGGAAAAGGTTAAGGACAAGGAAAGAAGAAAACGGAAAAA AAAAAAAAAGGGGGGCCGGAAAACCGGAGGAGGACCCAAAGAGCAAAAAA
 G G G G GAGGAAAAAAGGAAGGAAACGGCCGGAACCGGAAGGAAGAGAAAGG GGAAGGGAAACCGGCCAAAACCCCCCGGACCCGGCCAAGGGAAGAAAAAC GGAAAGAAAAAGGGAGGAAGAAGGAAGGAGGACCGGGGGGGGGAAAAAC CAAAAAAGGAAAAGGCAAGGGGGGGGGAAGAAGGGAAAAAGGGGGGCCA GGAGGGAAGGGGAAAAGGAAGGGGAAGGAAAACGAGAGGGGGGGAAGGG GCAGGAAAGAAAAGAGGAGGAGGCCGGAGGGAGGGAGCCAGGGGGCAGA

AACCATGAGGAGGACCGAGGGAGAAGGGGGAAGGAAGAGGAAAGAGGGC AA G G G GAAAAGAAAAGGGGTTGAAGCCAAGGAAAGGGGGGGCCAAAAAGA AAAGGAAGGAAAGGGAAGGGGGGGACCAGAGGAGAAAGGAAGAGAAAAAG
 AGGGGGAACGACAGGGGGAGGAAAGAAGGGCCAAAAGGAGAAGAGAGGG GAAATCCAAGAGGAGGAGGAAGGAGAAGGAAGGAAGGCAAGGAGGAAAGG AAAGGGGAAAAAAGGAAAAAAGGGGGGAGCCGGGAAAGGGACAAAAACCG G G G G G A A G G G G CAGGGAAAAGGGAAGGAGGAAACCAAAGGAGGAAGGGG A GAGGGGGAAAGGGGAAAGGAAAAGGGGCAAGAAGGAAGGAAGGAAGGA AGGAAAAGGAAGGCCGGCCAAGGGGGGAAGGAAAAAGGAGGGGAAAACCG GGAGGGGAAGGAGAAGAGAGGGATAGAGGACGAGAGGAAAAAAAAAGAAG GAACCTTGAGGAAGAGACCGGAGGGGAAAAAACCCGGAAGGAAGGAAGGG GACAAAAGGAAAAGGGGGGGGGGGAAGAGAAAGAAGAAAGGAGAAAAGGA AAAAAAGGAGGGGGGGGGAAGGACCCCGCACACAAGAACGAGACGAAAAA GAGCCGGAGCCAAGGAAAGGGGGGGAGAATTGGGGGAGGAAAGGGAGGG AGACACAGAAAGGACCAGGGAAACAGGGGAGGCCAAAGAACCGGGAGAGG AAAAAAAAGAACAGAGATAACCGAAAAGAAGGAAGGGGGACAAGGAGGAA G G G GCCAAAAGAATAAGGGGGGGAGAGGGAAAAGAAGGAACCAAAAAAAA A G AA G G G GAAAAGGAGCCAAGAACGAGGCCGAAGCGAGAAAGGGGAGGG
 G G G GAA G GAAAAGGAGGGAAAGGGCCGACCGGGGCAGGAAAAAAGGAGG G G G G G A G A A A A A $\operatorname{GCCAGGAAGGGAAGAGGGGGGGACAACAGGGGGGGAG}$ AA G G AA G GCCAGAGGGAGGGCAAAGGGGAGGGGACCAGAAAGAAAAAACA AAAGAACCAGGGAGGAAAGGAAAACAAAGAAAGAGGAGAAAAAAAAAAGG AAAAGAAGGACCGGGGACGGGGAGGCAAGGGGACGAGGAGAAGGAAGGA A GAA $\operatorname{lng} \operatorname{GAGGGAACCACGGAAAAAAAGGAGGGGGGCAAAGGGGAAGGGG}$ AAAAGGCCGGGGAAGGGGGGGAGGGGGGGGGGAGAGAAAAGGAAGGAAA AA GCCGGGGAACCGAGAGAAGGAGGCAGGAAAGCCAGACAAAGGAGGCCC AACGAAAAAGACCGGCCCCGGGAGAAGAGGGAAAAGAAGGAAAAGGAAAG AGGGAAACCGGGGGGAAAAAAAAAGGGAAGAAGCCCAAGGGAAGGGGGGA AGGAAAAGGAAAAGAAAAAGGTTAGAAGGGAGAGGAGAAGGAAGGGAGGA AGGAAGGAAGGGGAGAAGGGAGAGAGAGGGGAAAAGGAAAAAAAACCGGA CGGACAAAAGAGGGGCCGGAAGAAAGGGGGAAAAGAAAAAAAAGGCCAAA G G ACACCGGAGAAAGAAGGGGCCAGGGCCGGACGAAGGGGGGGGGAAGG G G G GCAGGAAGACCGGAAGGAAGAGGAAACAGAAAGAGAGAAGGGGAGAA AAAAAAGGAAAAAAATAGAAAAAGAAAAGAGAAAGGAGAAAAGAGGAGAA G GAA $\operatorname{A}$ GGAGGGAGAAGGGGGGGGGAAGGGGGGGAGGGAGGCAGGGAAAG G GAAAAAGGAAAAAACAAAAGGAAAACGAACAGGAGAGGGGGGGGGGAAG GCAAACCGACCGACCGGACGGGAGGGACCAAAAGGAAAGGAGGAACCAAA CCCGGAGAAAACCGGGGGAAGAAAGGGGAGGGGAGAAGAAAGGCAAGAAG G GCAAAATAAGAACGGGCACCAAAAGGGGAAGGGGAACCGGAAACGGAAA AGGAGGGGGAGAGAGACACCCACAGGGAGGAGGAAGGCCAAGGGGGAGG GAAGAAGGAAGGAAGGGGGGAAGGGGGGGAACGGGAAGGAGGGGGGGGC CAGGGCCAGAGAAAAAGAAGGGGGGAAAAGGGGAGAACCGGGAAAGAAAA GGAGAAAAAGGGGAAAAAGGGCCGAGGGAGAGGAGGAAGAGAGGAGGAA GAAAAAAAAAGGGGGGCCCCAAAAGGGGGGAACCAAAAAAAAGGGGGGAA CCGGCCGGAGTAAGAGAGACAAAAAACCCAGAGGGGAGAAAAGGAAAAGG AGAAAAGGGGAAAGGAGGGGAAGGGGGGAAGGAAAAAAAAAAGGGGAAAA G GAAAAGGGAAACCGGGGAACCGGGGAAAGGAAAGGGGGGGGAGAACAG GAAGGCACCAGGGGAAGAACCGGGAAGCCCACCAGAAGAAACCAGCCGGA GGGAAGGGAAGAGAGGGGGGGGAGGCCGGAGGAAAGGCCGGAAGGAAAA GGAAAAAAAGAACCAGACGGAAAAAAAAGGGGAACCAAAAGGGGTTGGCC G GAAAAGGAAAAGGAACCAAAAAAGGAAGGGGAAAAGGGGAAGGCCGGAA CCAAAAAAGGGGAAGGCCGGGGGGAAAAGGAAGGGGGGAAAAGGAAAAAA AACCCAGGAAAAGGGGAAGGAAAAAAAAAACCAAGGCCGAGAGAGAGAAG AAAAGGCCAAAGGGAAAAAAAAGGAAGAAGGACAAGAGGGGACAGAGGCC AGGGGAAGCCGGGGAAAAGAGAGGAAAAAGCCCAGGAAAAAAGGGGAAAA AAAAAGAAGGTTGGGGACCCGGGGGGAAGAAAGAGAGGGGGAAGAAGGA AGAGGAAAAAAAACCGGAAGGGGAAGGGAAAGGAAAACAGGCCAAGGAGG GGGAAAGAAGGCGAACCCCACGCGGAACAAACAGGAAAAAAGGGGAGATA GACGAACAGCCAAAAGGGGGGAAAGAGGGAGGGAGAAAAGGGAGGAGAA

G G G G G G A A A A A A G G G G A G G G GAGGGAAAGGAGAGGGGGTTAAACGACAA AA $\operatorname{GCC}$ CAGGAAAGAGGGAAGGAGGGCCGGCCAAAGACAGAGGGGGGGGG G GAAAAAAGGCAAACATAGGGAGAGGGGGAGGAAGAGGAAACGGAAGGAC
 AGAGGACCGGAGACGAGACCGGTTGGAAGGGGGACCCAGGGGCCCCAACC A G G GAGCGAGGAGGGGAAAGGGAAGCAAGAGGAATTCCGGGAGGAACAG A G G AA G GAGGGCACAGAGGAAGGAGCCAAGAGGGAAACACCAAAAAAACA GGGGGAAGGCCAAGAAAAAAAGGAAGGGGAAAAAGGGGGGGAAGAGGGG AACAAAAACAGGGGAGGGCAGAGAGAGAGAAGGAGAGGAGAACAAAGGCC AAAAACAAGGGGCACGAGAAAAGGAAGGGGAAAAAGGGAAGGGGAGAGAG GGAAGGAAGGAAAAAGCCAAAAGGGGTTGGCCAAGGGAAACCCCAGGAAA GGCCGGAAAAAAGGCCCCAGAGCACCAGCCCCGGGGAAGGAAGAAAGGGG GGAAGGGGGGGGAGATAAAGAGCAAGAAGGAGAAGGAGAAAGAAGGAGG AGGGAAAAGGGGGAAGGGAGGAAGGAAGGGGAAAAAGGGAGGGAAAAAA AAAAAGGAGGCAGAGGGGGACCGGCCGGAAAACACCCCGGGGGGAAGCGG GGGGAACAAGGGGGGGGGGGGGAAAAAACAGAGGGGAGAAAGAGGAGGA AGGAAAAAGCCGGAAGGGGAAGAGAAGAGGGAAACGGAAAGAGGAGGAAA GCCGGGAAATTGAAGGAGGAAGGAGGGAAAAGGAAGGAAAGAGACAGAAA G G G A A G G G G A A G GAA $\operatorname{AAGGGGGGGGGAGGAAGGGGAGAGGAAAGGAAGG~}$ GAAGCCAAGGGAAAGGGGAACCAGAGCAACAGAGGAGGACAACACCAAAA AGAAGAAAACAAAAGGAAGGGAAGAGAAGGCCAGACAGCCAAGGAGAAAG ACGGAGGAAAGACAGAGGGGGGGGAGGGAAGGGGAGGGGGGGAAGGGGG GAGGGGGGAGAACAAAGGAGGAGAACAGGCAAAAACCGGGGGGAGGAAC GACAGGGGCCGGAAACGAGAGGCCGAGGAGAGGGAGAAGGAACCGGGAC CAGAGTAAAGGAAGGGGAAGGGAGGAAAAAAGGCCGGGGAACCAAAAGGA AAAGGAAAGCAAAGGAGGGGAGGAACAGAGGGGAAAGGAGGAACAGACAG GACGAAGAGAAAAGGCCAACCAAGGAACCGGAAAAAAAAAAGGAACCGGG GGGGGAAGGGGAAGGGGCCGGGGAAGGGGGGCCCCGGAACCGGAAAAAA TTAACCGGGGGGAAAAAAGGAAGGAGAAAGCCCAAAAAAAGGGGGGAAGA GAAAAACCAGAGACAAAGGAAGAAAATAAACCGGGGGGAGGGAAGGAAGG GGAAGGCCAAGGGGAAGGGAAAAAAACAGACCAAAAAAAAAGGACAGGAG GGGGAAAAAGAAACAAGGAGGGACGGGGAAAGAAAAGGAGGGAGACGAGA CCAAAAAGGGGAAAAAGGGGGGCAGGGGGAGGCCAAACGAGGAGCGGGG G G G AA GAAAAAAAAGAAGAAGGAGGGGGGACATCAGAAAAAAAGGGGAGG GAAAAAAGAAGAAGGAGGACCGGGGAAAGGGGGAAGGGGCAAAAAGGGG G G G G G G G GAAAAAAAAAAGGGGAAAAAAAAAAAAAAGGCCCCAAAAAAAA AAAAAAAAGGGGAAAAGGCCAAGGGGAAAAAAGGGGGGGGGGAAGGAAG GAAAAAAAAAAAAGGAAAAACAGGGGGAAACGGAGGAGGGGAAAGACGAG GAAGGGGCCAAAAGGGAACAGGGGGCCGAAGGGCAAAAAGGGGCACCGGA AGGAGGGGGAAAGGAGACCGAGGGGGGAAGGGGAAAAGAAAGGGGAACC AAAGAGAGAAAAGGAAGGAAGGAAAGGAGAAAGAGAGAAAGGACAAAAGG G G G G G G AAAAA $\ln A \operatorname{GGGGGGGAGGGAACCAGCAGAAGGGAGGGACGGAGG}$ AGGAAGGGGAAAGGAGAGAAGCAAAAAGGAAGAGGAGGGCCGGAAAAAAG GAAAAAAGGGGGGGGAAAGAAAAGGAAGGAAGGAAGGAGAAGAAGAAGG GGGAAAAGAAGAGGGGCCGAGGGGGGAAGGGGGAAAAAGGAGAAGGGGA AAAAAGAGAGACCAGAAGGACGGGGGGGAGAAGAAAAGACAAAGGCCGGC AGGAAAAAAAAAAAAAAGGGGAAAAAAGGGGCCGGAAAAGGGGAAGGGGA A G G G GAA G G G GAAGGAAAAGGAAAAAAGGAAAAAAGGAAAAGGGGCCGGA AGGAAAAAAGGGGGGAAGGAAGGAAGGAAGGCCGGAAGGGGAAAAAAAAA AAAAAGGAAAAAAAAGGGGGGGGAAGGAAAAAAGGCCCCCAGGACAAAAA GGGCCAAGAAGGAAAAAAAAGAAGGCAGGAGAGGAAACCAAGGAACAGGA AA G G GAGAAGGAAAGAAGGAAAGAAAAAGAGGGAGAAGGAGAGGAGGGAA AA GCCAAGAGAGAGGAAAACCAGGAAGGGCAAAAAAAGAAGGGAGGGCCA AA GAAAAGAAAGACCAAGGAGAGCCGGAACCAGGGACGACCGGGGAGAAA AGGGGGGAAGGAAAAAGAAGGCAGAAAGGAAGGGGAGGGAAAGAGGAAA AGAAGAGAAATTAAGGGAGGGAGAAAAGGAAAGAGACCAAAAACGAGGGA G G G GCCAGGGCCAAGGAAGGAAAGGGAAGGAAAAGGGGAAAACCGACCAG AGAAGGACGAGGACGGAAAAAGAAGGGGGGAGTTAGAGCCAGGGAACCGA CAACGGGAACAGGGGGCAGGGGAAAAAGCAGGAGACGAAGAGACGGAACA AGAGACAGAAGGAAAACCAAAGAAAAAGGAACAAAACAACAAAAAGCCGA AAGGGAGAGGAAAGAAGGAAAAGGAGAAGGAGGGAAAAAAGGAAAAGGAG

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GGAAGAGAAGGACAAGGGAGGAGAGGAGGGAGGGAGGAGAATGAGGACG AGGGGGGGGGGAACCAAAAGGAAGGAAGGACAGACGGAAAAGGGGGGGA AAAAGGGGCCAACAACAGAAGGGGAAGGAAAAGAAAACAAGGGGGGAAAA ATGGAAGGAAAGAGGAAGGGGGAAGGGGGGACAAGAGGAGAAGGAGGGG G GAGGAGAGGGGGAGAAAGAACCGGAGGACAGGAAAGGGAGAAAGGAGG AA G G AA G G GGAAGAACAGCAGGGAAAGGAGGAAGAGGGGGAGAGATAAG GAAGACCAAAAAAGGGGGAAAGGGGAGGAAGCAAAAAGGAAAAAGAAGGA AAGAAACATAAATGGCAAGAAAACAAGGAGGAAAAAGAGGGGGGGAGGAG AAAGGAGAGAGAGGACAGAAAAGCAGGGGCCGGGACCGGGGATCAGGGG CCAACCCCGACCGGGGGGAAAAAAGGCCGGAAAAAAGGGAGGCAAGAGAA GGCCACAACCGAAAGGAAGGGGGGAGGAGGCCAAAACGGAAGCAAAAGGG GAATGACCGACCGGAAACGGAAAAGGGGAGCCGGAAAAAGGAAGCCAGAG GGGAAAACGGGCAGGGAAAAAAAGGAAAAGAGGGGGAAAGAAAAATGGAG GGAAGGAAAGAGAGAGAAGGGGAAAAAAGAAAAGAGGCCCGAACAAGAGG AGCAAGGGAGAAGGGAAAAAAATAGGAACCGGGAGAGCCCGACCAGGGAA AAAAAAAAGGGAGAGCAGAGAGAAAAAGGCGGACGGCAAAACGGGGGGAA AA G GAAAAGAGGAGAAAAGGAGGAGGGAGAGGGAAGAGGGGAACAGGGG AAAAAGGAAGGCCGGAAGGAAGGAAGGCCAGAAGAAAAGATAAAAAAAAA CGGAGAGCAGGAGAAGAGAAAAGCCAGGAAAGAGGAAAAGGGGAAAACCC CCAGCAGAAGGGGGGGGAAGGGGGGGGAAGAAAAAAAAAGGAGAGGAGG AAAAGGAAGGAAAGAAGGACGGGGGGAAGGAGGGAACCCCCAAAGGAAAA G GAAAAAAAAAAAGAGGGAGCCGGAGAAAGGAGGAAGAAAGGAGGGGGAG AAAGAAACAAGGCAGGGGACGAAAGGCCGGGAAGAAAAGAACAAGGGGGA CAGAAAGGGGTTAGAAAACCGACAACAATAACGAGAGGAGGAAACAGGAG GACCAAAGGGAAGGGAGATTACCCAAAGGGGGAGGAGGAGGGGACCGGAA CAAAAACCGGAGAACCAAGGGGAACAGGGGGGGGGGCCCCAAGAGAAGCA GATTGGGGAGAGAGGAGAGGAAGGAGAAAACCGAGACCAAGAAAGGGGAG GAAACAAGCGGGGAGAGGAAGGAACCAAAGCCAACAAAGGGGCCGGGGCC GAAGCCGAGGAACCAAGGGGAAGGAAAAAAAAAAAAGGAAAAGGAAGGGG CCAAAACCGGGGGGAAAAGGGGCCGGAAGGAAAAAATTGGAAAAAAGGAA GGGGAAAAAAAAGGGGGGCCAAAAGGAAAAGGCCAAGGGGAAAAGGGGG GGGAAAAGGAAAATTAAGGAAAAGGAAGGGGAAAAAAAAAAGGAACCCCG GAACCCCGGAAAAGGAAGGGGGGCCGGGGGGAAGGGGAAGGAAAAGGAA G GCCAACCAAGGGGGGGGAACCAAAAGGGGCCGGGGCCAAAACCGGCCCC AAAAAAAAGGGGGGAACCGGAACCGGCCGGAAAAAAAAGGAAGGAAAAGG G GAAAAAACCGGGGGGGGGGGGAAAAGGGGAACCGGGGAAAAAAAAAACC G GAAGGAAAAAAGGAAGGGGAAAACCGGAAGGAAGGAAGGGGAAAAGGG GAAAAGGAACCGGGGAAAAGGGGAAAAAAAAGGAAGGGGGGGGCCAAGGA AAAAAGGCCAACCAAAAAATTAAGGAAGGGGGGAAGGAAAACCGGGGGGA AGGGGAAAAAAGGGGGGGGAAGGAAGGCCGGAAGGGGAAGGGGCCGGAA TTGGAAGGGGAAGGAAGGGGGGAAAAAAAACCAAGGCCAAGGGGCCAAGG AACCGGGGAAAAGGAAGGCCCCAAGGGGAAAAAACCAAAAGGAAGGGGGG GGGGGGAAGGGGAAAAGGCCGGAAGGAAGGAAGGAAGGGGAAGGGGAAG GAAAACCCCGGAAGGAAAAAAGGAAGGAAAAGGAAAAAAGGAAAAGGGGG GGGAAGGCCGGGGGGCCAAAAGGGGAAGGAAAAAAAAGGAAAAGGCCAAG GAAAAAACCAAAAGGAAAAAAAACCGGGGGGAAGGAAGGGGGGCCAAAAG G GACAAAAAAGGGAAAAGGAGGGAAGGGAAAAAGGCCAACCGGAGAGATG G G A G GAAAAGGGGAAGGAGGGGGGGAAGGGGGGAAAAAGAAAACAAGCC GGAAAAACAAGGAGAGAAAAAAAAGGGAGGAAAGCCGGAAAAAGAAGGAA AGAAAGGAAAAGAGACACAGAAAAGGAAGGAAGAAGACCAGGAGACGGAA G G G GA $\operatorname{G}$ G GAGAAGAAAGGAGGGGGGGCCGGAGGGAAGGGGGAGAAAACG GAAGGGAACAGAATTAAGAGGGGGGCCGGAAGGAAGGAGGGGGAAAAACA CGAAGGAAGGAAGAAAGAGGAGGCCAAGGGGCCCCGGGAAACCGGGGGG G GACGGGGAAGGGGAGGAGAGCCCGGAGGGGGACAACCAGAAGAAGGGA AACAAAGAAAAGGGGAAAAAAGGGGAAAAAAGGAAGGAAGGAAGGAAGGG GAACCCCGGAAAAAAGGACCCAAGGAACAGGGAGGGGGAGGAAGGGGGG G G G GA GAA G GACGGGGGGAAGACCAAACGGACGAAGAAAACCGGAAAAGG AACCGGAGGGCCAGGGAGGGAAACAGGGCCGGGGGAGGGGAAGGAGGGA AGGAAAGAACCAGGGGGGGGGAAGGGGGGGAGGGGGAAAGAAGAAAAAA AA A A G G G GCAGGAAGGGGGGGGGGAAGAACAGAAGACCAAAAGAGAACG GAAAAAAGGGGAGGGACAAGAGGAGAACCGAAAAGAGAGAAAAGAGGGGA

AA $\operatorname{A} G \mathrm{G} G \mathrm{GAGAGGGAGATAGGGCCAGAAGGGGCCAAAAAGAGCAGACAAGG}$ GAAAGGGGGAAGAAAAAGAGGAGGGCAGGGGTAAAGGGGGGAGGGGCAA G G G GAGGGCCGGAAGGAGGGCAGGGAACCCAGGGGGAGAAACAGAAGGA AAAGGAAGGGGGGAAGGGAGGAGAGAAGGGAAAGGCAAAAAAAGGGGAA GGGAAGGGAAGAGAAAGGATGGAAAAGGAGAAGGGACCGGAGGGAAAGA G G G AA GAACGAGCAGGGAGAAGAAAAAGGGGCCAAGGCCGAAAGAAGGGA AAAAAAAAAGGGGGGGGAAAAAGAAAACAAAAAAGAGAAAGACGATTACG GAGCAGGAGAAAAGAAAAAAGAGAACGGAAACCGGAGAGGGGGCAACAAG GACAAGAGGAAGGGCGGCAAGGAAAGGTACCAGAGAAAGAAAGAAAAACA GGGAAAAGGCCCCAAGCGAGGACGAGAGGACAAAGGGGGGGAGAGAGAG ACCCAAAAGAGGGGAGGCAACACAGAGGAAGAAAAAGGGGCCAAGGAGGG AA $A$ AGGGAAAAAGAAAAAAAGGGGAAAACAAGGAGACCGGAAAAGGGGGG AAAGAAGGCCAAAACCAAAACCAACAAAAGGAGGGGGGGAAGGGGGGGCC ACAAAAGGAACAGGGAAACAAGGGAGGGGGCACAGGACAGCAAAAGAAAA AAAAGGCCAAGGAAAAAAAAAAAACAGAGGAAGGGACGGGCACCGGAAGG GGAGAGGGAGAAACGGAACCAAAGGAGACCACGACCCGGGAAAAGGAAAA CCAAAGGAAAAAAAAACAGGGAAAGGACACCAAAAAGGAAGGGGGAAAAA G GAGGAGGGGAGAGAGGAGAATAGGGGACCAAAAAAGGAAGACCGAGGAA AGAGGGGAATAAAAAAGGAAAACCGGGGCCAACAAAACAGGAAGAAAAGG G GAAA GAGCGGGGGAAAAAACAGACCGGGGCAAAAGGGAAAGAGGAGGG G G G A G G GCCAGAAAAAAGGAAGGGGGGGGGGAAGAAGGGGGAAAACCGG GGCCGGAACCAAAACCAAGGACCCGGGGAAACGAGGGGGGAAGGGCAGGG AA G GAAAAGGAAGGAGGGGCAGGGGGAAGAGGGGCCAAGGAACCGGGGG GAAGACAAAGGGGCCAAGGGGAAAAAACCGGAACAGGCAGGAAAAAACGA AGGGAAAAACCAAAAAAAGAGAGGAGAGACCCCCCGGAAAAGGAAAAGGG AA G G GAAAAGGGGAAGAAACCAACCAAAGCCGGAAGGCCGGGGCCAAGGA AGGCCGGAAGAGAAAAGAAGGCCGGAACCAGGGAAAACCGGGGAGCCAGA AGACCAAAAAAAAAAGGGGGGGGGGGGAAAAGGAAAGAAAAAATTCCAAG AGGGGAAAACCAAAAGGAAAAGAGGAAAAGAAGGGAAGAAGACAAGGGAG GGAAAGAAACACCGGACGGGGGAATAAGAAAAACCAAGAGGAGCCCCAGA GCCGGTAGGAAAACCAAAAGGCCAGAGGAAAAACCAGAAAAAGGGAAAAA A G G G GACGGGGAGGGACGGAAAAGAGAGGGGGGGGGGGAGAAACAGGAA G G G G G G GAAAAAGGGGAAGGCCAAAACCAAACAAACCCGGCCAAGGAAAA
 TTGGGACCGGGGGGGGAAGGGGAAAGAGCCACGGAACAGAGAAACCGGA GAGGAAAAGAGCCGGGGAAAAGGAAACAAGGAAGGGGGAAGGGGGGGAA AA GAGGCAAAGGGGAGAAGGGGAAAACCAGAGGACAAAAAAGCCAGAAAA CACCAGGAGAAGACGACAAGCCAAACAGGAGGAGAGGGAGAACCAAAAAA AA GAATAGGGAAGAGGAGAGAAAAGAGGGAGGAAAAAGAAAAGAGGCCAG AA G GCCAAAAAGGGGGGGAAGAAAAAAAAGACAACCGGTAGGAGAAGAGG AGCCAGGGAAAAGGAAGGAGAAAAAGGGAAAGAAGGGGGAACAAGGGGGA AAAAGGGGCCAAGACAAGAAAGGGAAAAGAGGAAAATTGGAACAAAAAAA CCAAGGGGAAAACCAAGGGAAAGGGGAGGGGGCCAGAGAAGGGAAGAAG GGGAACCGGGGAAGGAAAAGGAACCGGGGGGAGAAGGAACCAGAAAATTA AA G G GAAAAGGGGGGGGAAAGGGAACCAACCGGAAGGAGACCCGGGGGG AGGAAACCGGGGAAAAGAGGGGCCGGGAGAGGAGAAGAGAGAAAAAGGAA GGGGAGAGGGCAGGAGCAGAAAGGGACAGGGGAAGGGGAAGGAAAAGGA GAGGAGAAAAAGAAAGGAAACAAGGAAAATTAAGGGAGGAAGGAAAAGGA AAAAGAGAGATGGAATAGGGGGGGGAACCAGAAAGCAGAGGGAAAGAGGG GAAACGGGGGGGGGGGGAAGGAAGGAAAACGAACCGGAAAAGAAACCCCC CA $\ln$ CAGGAGAAGGGGATGGAAAACAGGAGCCGGAGCCGGGGGGAACGGA A G G G G GAGAACCAAAAGAGGGGCCGAGGGACGGAAAAAAAAAGGAACCGG A G A A G G CAA G G G GAAAAAAGGGAAGGGGAGGCAGGAGAGCAA G G G G G G A AA $\operatorname{G}$ GACCGGGGAAAGGAAGGGGGCAGGCACGAAGGGAGGAGACCCAAAAC CCAGAGGAAGGAACCGGGGCCGGACCCGGGGGGAAAGGGCCCCCCAGGGA CAGAGAGAAACAAAAAGGAGGAGAAGGAGGGAAAAGGAGGAGGAGGAGAG ATTGGAGCGGAGAAGGACGGACAAGAGCCGGGGAAAGAAAAGGAAAAGGA GGGAACGAGGGGGGAGGAAGAGGGGGAAGGAGGGAAAAACCAAAAAAGG GGGGCCGGAAGGAAAAAAGGAGGGGGAAGGGAAAAACCGGGGAAAAGGG GGGAGAGGGAAAGAAGGAAGGCCAAGGGGCAAAAAGGAGGGAAGGAAGG GGGGAAAAAGAGAGACGGAAAGGAGGAAGAAGGGGGGGCCGGAAGGCCG

G G G A A A A AA G GCCGGGGAAAAGGTTAGGGGGGGAAGGCCAAGGAAAAAAC CGGGAGACCCCGGAACCGGGGAAAAGGGGAAGGAAGGGGCCGGAAAAGG G G G GAA G G G GCCAAAAAAAAAAAAGGAAAACCAAGGGGGGGGAAAAGGGG GGGGAAAAAAGGCCAAAACCTTGGGGAAGGGGAAGGCCGGAAAAAAGGCC AAAACCGGGGCCGGGGGGAACCGGAAAAAAAAAAAAAAAACCAAAACCAA G GAA $\operatorname{l}$ GGGCCGGAAGGGGGGAAGGAACCGGCCAAGGAAAAGGAAGGCCA AGGAAAAGGGGAAGGAAAAAAAAGGGGCCAAAAAAAAAACCGGGGAAGGA AAACCGGGGGGAAGGAAGGAAAAAAAAGGAAAAGGGGAAGGGGAAAAAAG GAAGGGGCCGGGGAAAAAAGGAAAAGGAAAAAAAAGGGGGGGGGGCCAAA ACCAAAAGGGGAAGGCCGGCCAACCAAAAGGAAGGAAGGGGGGAATTGGG GAAAAAAAACCAAGACAGAAAAAAAAAAAAACCGAAGAGGAAGAAAAAAAA CCAAGGAAAAGGAGAGGGGGACCCGGCCGGAAAAAACAAAGACCAACCAA AAAAGGGGCCCCAAGGCAGGAACCAGAGGAAGAGAGCCCAGAGAGAAGAG GAAGAGGGGACAAGGAGGGGGGGGGGAGGAAGAGCCGGCCAGGGAGGAG GAAGGCAAAGGACAACAGGAAGGGGGGCCAAGGAGCCAGAGGGGGAAAGC CGGAAAAAAAAGAGCGGAAGGAGAGACAAAGAGAAAGGAAACCCCAAAAA A G GAAA G G GAGGGAAGGGGGGACGGAGGGCCGAAGCACCGGGGAAGGAG AA $\operatorname{HAAAA} \operatorname{A} \operatorname{G} \operatorname{GCCGGGAGGGGGGAAGGAAGGGAAGGGAAGGAAAAAAGAG}$ GGGAAAACCAGGGAAGGAAAACCAACCAAAGCCAAGAAAGAGGGGGGAGG GAGAGGAAAGAAACCCCAAAAAGGCGGCCGGGGCCGGGAAAAAAAACGAA G G G G G A A A A G GCCGAGAGGAAAGGAAAGAGGGAGGGGAAAAAGGGGGAA AA G G GAGGGAAAATAAAAAAAAAGCAGAGGAAAGCCGAAAGGAACCGGAG AGAAAAGGGAGGGGGAAGAGACATAACCAAAACCAAAGGGAAAAAAAGAG GGAGAAGACAAGGGAAAAGGAAAGAAAAGGAGACAGAACCAAAGAGGAGA G G G GAGAAAGAGAGAAAAGAAGCCGGGAAAAAAAGGGGGGAAAACAAACC AAGAAAAAAAACGCACAGAGAAGGGGAGAAACAGAGGGCCGGAAGAGAAG AAAGAAAGGGGAAGCAGGCCAGAAAAGGGGGGGGGGGGGGAAGGAAAGA AAAGAAAAACCAAAAGGGGAAGGGGGGAAAACCCCGGAAAAGGGGAAGGG GAAAAAAAAAAGGGGAAGGAAGGAAGGGGAAAAGGAAAAGGCCGGAAAAA AAAAAAAGGAAAAGGGGGGGGAAGGAAGGAAGGAAGGGGTTGGAAGGCC GGAAGGAACCGGGGAAGGGGCCGGGGAAAAGGAAGGCCGGGGAACCGGC CGGGGAAGGAAAAAAGGAACCAAGGGGGGGGGGAAGGAAAAGGAAAAGG G G G G A A G G G G G G G G G G G G G G CCGGGGAAAA G G G G G G A A G G G G A A G G G G A AGGAACCAACCGGAAGGCCGGAAAAGGGGGGAAAAGGAAGGGGAAAAGGA A G G G G A A G G G G G G G G CCAAGGAAAAGGAAAAGGAAGGGGAAAAAAAAAAG GAGGGGACAGGGACCAAGGGGAAAGTTAAAGACAGGAGAAAAGGGGGCCG AGGAAAAAAGAGGGGAACAAGGGAACACAGAAAGAAAGAAGCAGAGCGGA AAACCGGGCGGGGAAAGAGGGGGACGGAAGGAAGGCCACAAAACCAAAGG G G G GAGGAAGGGAAGAAGAAAAAGGAAAGCCGGACACAGGAGCAAGGACC CCGGGGGAAAACGGGGGCAGGGGGGCCAAGGGGAAGGAAGGGACCGAGG G GAGGGAGGAAGACCAAGGGGGAAAGCCGAGGGAGGCCGGGAAGAAACG GAAAAACGGAGAAAACCGGCCGACCAACCAAAAAAAAGGCCAAAAGAAAG GGGCGGGGGAGGGGGATAAACGGAAGGAGGGGGGGGGGGAGAAAAAGTT AAAGGGAAAAGGAGAGGGGGAAAAGGCAAAAAGGGGAAAACCGGAGAAGA AAGAGGACAGCAGAAAGAGAGGAAGGGGAAAACAAGAGGGAGGGCCGAGG GGGGAACCAGACAGAAAGAAAGGGAAAAGAGGGGGGGGAAGGTAGAAGG AAAAGGGGGAAAAGATTAACAAAAGGGAATTGGAAGGAAGGGGGGCACCG GGGGGATCCGGAACAAAAAGAAAGGGGAAGGGAAAAAGGGGAAGGAAAAA AAAAGAGGAAAAGGGCCAGAGGGAAAGAGGGGGGGAAAAAACCGGGAGG G GAAAGGCAGAAAAGGCAGGGGAGGGAGAAAAAAAGATGAGGAGGGAAG GAAGGACAAAGCCCCAGGGAAAAAGAGGAGGGACCGGCAAGAGAAAAGGA ACCGGGGAGGGAAGGCCGGAGGGGGAAGAAGAGACCCGGAGACAAAGGG G $\operatorname{G}$ G $\operatorname{G}$ GGGGCAAGGGCCCCAACGGGGGAAACGGGGGGAGGGAAGGGGCAG G GAA $\operatorname{GAGGGAAAAGGAAGGAACCGGCCGGGGGGGGAAAAGGAAAAAAAAC~}$ CCCGGAAAAAAAAGGGGGGAAAAAAGGAAGGAAAAAAGGGGAAAAAAAAG GAAACCAGGAGGGAAGAGGAGGGGGAGAGCCGAGGGGAGGGAAGGGGAG A GA $\operatorname{l}$ GGGGCCGGGGAGGGCCGGCCAAAAGGAAAAGGAAAAGGAAGGGGG G G G ACGAAGAGGGCCGGAGGGACAGGAAAGGAAAAGGCCAGGAGACCGG AGCCGGGAGGAAGGGGGGGAAAGAGGGGAACCGAAAAAGAAACCAAGGCC GGCCAAAAGGGGAAAAAAAAAACCGGGGAAAAAAAGGGGGGGAACCAAAA AAGAGGGAGAGGAAACTAAAAAAGGGGAGAAGGAAAAAAAGGGGAAGGAA

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 A G G A A G G G G G G G G GAAGGAGGAAGAAGATTAGGGGGGGGAGGAAAAAGG AGGGAGAAGGCCAACCAAGAGAGGGGAAGGACGGGGAAAAGAAGAGGACC A G G G GAGGAAAAGGGGGGAGGGAACCGGCACAAGAAGAAAGAAGGGAGG GCCAGACAAGAGGCAAAGAGAGAAGCAAGGAGGAAAAGGAAGGGGAACCA AAAAGACAAAAGGGAGGGGGGCACCAAAAAAAAGGAGGGGGAAGATAGGG AA $\ln A \operatorname{GAGGGAAGGGGAAAAGGAAGGGGAGGAGGAGAAAAGGGAAAAAAAA}$ A GAA $A$ AGGGGGAAGGAAGAAAAAAAGGGGGGCCAGAGAGAGGGGAGAAA GGAAAAGAAAAGAAAAACACGGGGGGGAGAGAACAAGGCCCCAAGGGGGA GAAGAACAGGAAAGGGAGAGAGGGGGAAGGAAGAAGAAAACATTGAGGAG

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A G G G G G G G GCAGGAAAAGGAAGGGGAAGGGGGGGGAAGAGAAGGAGGAA AAGGAGAACCGGAAAGGGGGGAAGACAAACAAAAACAAGGGGGGGCGAAA G GA GA GAAAAAAGAGGCCGGGAGGGGGGAGGGAACACCAAAAAACCGGAA GAGGCAGACCAAAAGGCAAAGGGGGGAGAAAGAAATGGAGCACAAACCAG AA G GAAACGGAGAGCCGGGGCCAAGAGGAGGAAAAAAGAGAGAAGGGGG GGCAACCAAAAAAGGAAGGGGAGAAAAAAAAGAGACCGGAGAAACGAAAC CAGCCGGTTAAGGGGGGGGAAGGAAGGAAAAGGGGAAGAAGCAAAAAAGA A G G A A G G GAA G G GAACGGGAAAAAGAGGAAGAGGGAAAAGGACACAAAAC A GAA $\operatorname{G} \operatorname{GGAGGGGAAGAGATAAAAAACCAGGGAGAAACAGGGAACCAAAGG}$ G GACGGGGGAAAAAAGGAAAAAGCCAAGGGGGGAAGGAAAAGGAAGGCCG GCCAAGGGGAACCGGAGGAAGGAGAAAGGAACCGGTTAGAAGGAAGGAAG AAAAGAAAGCAAGAAGAAGGAAAGGGGGAGAAAGAGGAAGGAAAAGGGGG GGAACAAAAAGTTAAAAAAGGAGAGGGACAGAAAGGAGGAAAAAACCAAG GGAAAAGGGAAAAAGTAGAACCCAGAAGAGAAGGGAGAAGACCGAGGAAG AAAAAGAGGAAGGCCAGACAAAGGGGGAAAAGGAAAACAGAGAAAGGAAA AGGCAAAAAAAGGCCCGAAAGGAGAGGGGGGGGGGAAGGGACCAAGGAA G G G G G G G AAA G GAGAAGGAAAAACGGACGGCCGAACAAAGAAGAGAGGGC G GAA $\operatorname{G}$ GGAGGGGAAGGGGAAGGCCGAAAAAAAAAAAGGGGCCAAGGAAAA AA G GCCAACCAAGGAGGACAAAGAAGAGGAGGGGGGAAAAAAGGGGAGGA A G G G G A G A A G G G GAGAAAGGAGGACAACAAATAACCCGATACAGAGGGCC G G G GCCGGAAGGAGCAAAAAAAGAGGAAGGGGGGAGCAGCGGCAGGATC C G G GAGGGGACAAGGGACCGGGGAGGAGGAACCAAAAGGGGCCGGAAGG G G G GAA G GAA G GAAGGGGGGCCGGAAAGAAAGACAAAAGGAAAAACACAA G G G A A G A G G A A A GCGGGGCCAAGGGGAGCAGAGGAGAAAAGAAGGGGGA A G G G G A A GAAAA G G GAAAAAAGGGGGGCCGGGGCCGGAGGGAAGAGGAG
 GGAGGAAAAAACAAAGGCCGGAAGGGGGACCAACCAGGGAAGAGACCAAC CAAGGGGAGCAAAGGAAGGGGCATTGGGGGAGGCAACGGGAAGAGTAGA GGGACCAAAAAAGGCCGGAGGGAAGAAAGAAAAAGGAACCAACCAAAAAA AAGGAAAAAAGAGGGAAAAGGGAATTCGGGAGAAGGAGAAGGAAGAAAAG AGGGGAGGGGGGGGAAGGAGAAAACCAGAAAAAAAAGGGGCCGGGAGAA AAACAGACCAAGAAAGGAGGGAAACAAAAGGGGGAGAGAAGCAGAAAAAA TGGCCGGGGCCAAGGAAGGAAAAAATTAAGGAAAAGGAAAAGGAAAAGGA AAAGGAACCAAAAGGAAAGCCACGAGAAAAGAAAGGGGGGAGAAGGAAAG AAAGAGGCAAGCCAAGACAAAAGGGCAAAAAAGGGGGGAGAAGACGGGGG G G GAAAAAAAAAAAACCGGAAAAGGAGGAGGGGGGGAAGAAAAGAGGGGA AGAAAAAAGAGGGAAAAAAAACCAAGGGGGGAAAAGGAGAAAAAAGAGAA AGGGGCCGGAAAAAGAAAAAGGGAAGAGGAGGGAAAAAGCACCCCAAGGC CCCCCGGAAAAAGAAGGCCAAGGCAGGCCGGGATAGGAGAAGGCCGGAGG GGGAAAGAAGGAGAGAACCAAACGGCCGGGGGGGGAAGGGGAAAAAAGG AA G GAAGGGGAAGGGGAAGGAAAGAGGGGAAAGAGGGAGAAGGAGGCCA AAAAAGGAAGGAAGAGAGGGGGGAAGGGGAAAAGGAACCGGGGGGGGCC G GAA $\ln$ GGGAAGGAACCGGGGGGAAGGAAGGAAAGAAGGAAAGAGGGGGA ACCGGAAGGAAGGAAAAGGAAAAGGAAACAGACAGAGAGAGCCGGGGCCA G G G GA GACCGGGGAAAAGGAAGAGGAAAAGGGGAAGGCCGGGGGGAAAA G G G GCCGGGGGGAAGGGGGGCCAGAACCGAGGAAAAAAAAACCCGGAAG GAGACCCGGAACCAACCAAGGGGGGGGAAGGAAACAAAAAAGGAAGGGGA GCCAGCCGGGGGGCCAGGAGGGGGGGGGGGGAGAAAACCATGGGAGGCA AAA $A$ AGGGGAAAGGGGGGGGAAGGAAACAAGGGAAGGGGGCCGGAAGGA G G G GA $\ln$ AGGGGAGAAAGGGGGGGAAAAAGGAAAAAAAAAGAAAAAGAAGG AAAAAGGGGGGAAAACCGGGGAAAAAAAGAAGAAAGGGGAAGAAAGGACG AGGGGAAGGAGGGAGAGAGAAAACCGGGAAGGGGGAAGGCCACGGAGAA A GCAAAAGCGAAGAAGGAAGGGAGAGGGAAGGAAGGAAGACAGGCCCCGA C CAC G G G G G G G G G GCAAGGGGAGAAGAGACGGCGGAGGACCCGGGAAAA ACCAACAAGGAGAGGAAGGGGGGAAAAGGAAGAAAGGAAAGGGAAAGAGG GAGGGAAACGGAAAAGAGAAGGGCAAAAGGAAAAGCCCAAGAGAAGAAGG GAACCAAGGCCAGGGAAAACAAAAGAAGGGGAAGGAAGGGAAGGGAAAGA GCCAAGAGGAAGGAAAAAAAAAGCAAGGGGGAAAAGGGGGGGAGGAAGGA AA $\operatorname{A} C C G G A A G G G A G G A A G A G G G G G G G G A A G G C C G G A G A G A G G G A A G G A G$ AAAGGGGGAACAGAGGGAAAGAGGGAAAACAAAGGGCAGAAAGAAGAAAA AGGGAAACGAACAAGGACAGCCGGTTAGAGGGAGAAGAGAAGGGAGGGG

GAAGGGGGGAGAGAAGAAAAAAAAAAAGGAAGGGGAAGGAAAAGGGAGAA AGGAAGGAGAGCCCCACGAGGAAGGAAGAAAGGAAGGAAGGGGAAAAAAA AAAGGAGGGAAGAGGCAAAGGGGAAGGGGAACCGGGGGGGGGGAAGGAA GGAAAAAAGGAAAAGGCCGGAGGGGAAGCCAGAAGGGGATAAGGAAGGAA AAAAGAACGGGACCGGGGGGAGAGGAGACCAAGGGGGGCCCCAAAAAAAA AAAGGAAAAGAGGACCAAAAAGCCAAGGAAGAAAAAAAAAGGAAAGAACC AAAAGGGGAGGAAACCAAAAAACCAAGAGGAAAAGAGAGGAAGGAAGGGG GAAAGGCAAGAGAGGGGGGGGGGGGGAAGGAAAGAGGGGGGGGGGAGAA GGAAACCAAGGGGGACAGGAAGAAAAAAACAAAAAAAGGAAAGGAGAAAA GGAGGAAGGAGAGAGAAAAAAGGGGAGAAGACCCCAAAAAAAACCAGGAG GAAAGGGCCGACAAGGGACGAGAGGAAGGAAAAGAGAAAGGAAAAGAGGA GGGAAAGGGAAAAAGAAGGAAAGGAGAGAAGCCAAGGAGGGAAAAGGAAC CGGGCGGAAGGAAAAAAAAGGGGCCGGAAAAAGGGAAAAAAGGAAAAGGG GAAAGAAAAAGAGAGAACCCCAAGGAAAAAGGGCAGGCCAGAAGAAAGAA AGGCCAGAGGAGAAAAGGAGAAAAAAGGGAAGGAGGAGAACGGGAAGAAA A GAGGGGAGAAGAAGCGGGAACCAAGGGGGGAAAAGAGAAGGGAACCGG G G G GA GAA G G G G G G GAAAGGAAAGGGAGAGGCAGACGGGAAGCCGAAGA AGGCAGGGAGAGGAAGGAACCGGACAAGGGGAGGGTTGGAGAAAAAAGG AAGGGGGGCCAAGGGAAGAAAACCAAGGCCGGAAAGCAGAAAGAAGAACC CAAAAAAAGAGGGGCCAGCCAATAAGAAGGAACAGGGAAAGGGAGGAAGG AAAAAACCGGAGAACCACAGAAGGAAAACCAACCAAGGAGAGGGGGCCCC GAAAGGGACCAAGGACTAAGAGGGAGAGAGAAGGAAAAGGAAGGGGGAG GAAGGGGAAAGGGGGACGAAGGGCCGGGACCGGAAAGGGGAAAGGGGAA AAGGCACCAGAAAGCCGAAACCAAAGGGGGAGGGGGGGAAAACCGGCCAA GGAGAGGGAAAAAAAAAAGGAAAAGGGGAACCAAGAGAAGACATAGCACC CCCAAAAGATAAAAGGAAGAAAGAAAAAGAGGGGAAGGAAAAGGGGCAGA GGAAGGAACAAAGGGGAAAACCGGCCAAGAAAGGCCACGGGGAGAAAAGG AA $\operatorname{A} A \mathrm{AGGGGGAAAGTTAAGGGGCCGGCAGGCCCCACAAAAAAGGAAAAAG}$ AGGGCAGAAGGATTCCACCAGAAGCCCCAAAGAAGGACAGACAGAGGAAA AACCAGCAAAGGCCGGAAGGGGGGCCGGTTAAAGAGAAAGAAAAGGAAGG AAAACAAGGGCAGGAAGAGGAAAGGAGGAAGGGGGGGAAGGAAGGGGAG GAAGGCCGGGAAAGGAAAAGCGGGAGAGGAAAGGGTTGGCCAAGGGCGG AAGACCAACCAAAAAAAAAAGGAAAAAGAGGGGAGAAAAAGGGGAATTAA G G G G G G A A G G A A G G G G G G A A G GAA G GAAGGAAGAGGGAAAAAGGGGGAA AGGGGCCGGGGGACCGGAAGGGGAAAAGGGGGGAATAAAAAAGAAAACCA AGGAGAGAAAGGAAAGGAAAAGAAGTTGGAAAGGAACCCGGCCCAAAGGG G G G G G G G G G A A A G GAGAGGGGAGGGGAGGAGGGAGGGAAAAGAGGAAAG GAGAAAAAGGAGGAGGAGAAGGAGAGGACAAAGAGAGGCCAAGGCCGGG GG GAAGGAAGAGGAAAGAACCGGGGGGAACCAAAAAAAAAAAAAGAAATA GTTAAAAAAGAGGGGAAAAAAGGGGAAAACAATAAAAGAGAGGGGGGGGG GCCGGGGGGAAGAAGAAAGGGGGGGAAAAGACCAAGGGGAAAACCAAGG G G G G G GAAAAAAGGGGGGCCGGCCAAAAAAGGCCAAGGCAACGGAGAAAA GGAACCAACAGACAAAGGGCAAGGAAAAGGGGGGGAAGAGAAAAGAAGAA AACCAAGGAGGGAAACGAGGAAAGAACCGGAAAAGGAAAAGCGGAAAGGG ACGGGGGGGGGGAAGAGGAAGGGGCAAGAAAAGGAAAAAAGGGGCCAAG GGAAGGGCCCCACAAAAAAAAAAGGGGAAGAGGGGCCCAGGAGAAAAGGA GCAACGAACCCAAGGAAAAGGAAAAAAGGAAAACCAGGGGGAACACAGAA GAAGAGAGGGGGATTGAAAAGGGAGGAAAAGGAGGGGGGAAAAAACCAAA A G G A G A G A G A G G GAGGGAGGGGGAAGGGAGGGGAGAAAAGGAACAAGGG AAAAGGGGGAGAATAGAGCCGGGAAGACAAGCCCAGAACCACAAAAAAAA CCGAGAAGAAGGGGAAGGCAAGAACAGAGGAAAAAAGGGAAGGGGAGGAG AA G GAACCGAAGTTGGAGAAAAGGGGGGAAGGAACCAAAAGGAGGGAAGA GAAAGGAAGGAAAAGGAAGGCCAAAGAGAGAAGAGGCCAGAAAAGGAAAC CCAGGGAGAAAACCAGGGGGGGAAAAAAAAGAAAGGGGAGAGACAGAGAA AAAGAAAGCACAGAGGAAGGAAGGAAAGGGGGAGGGCACAAAAAAACCCC G G G GAGGGGGAAGGGGGGGAAAAAAGAGGGCAAGGGAAGAAAACAAAAA AA GAAGGAGGAAGAGAAGGAAAACCGGGGAACCTTGGAACAAAGGGGGCA AGGAAGAAAAGAAGGGGGGAACCAGGGGAAGATAAAGGGAGAAAACCCGA AAAGGAGAGGGAGGAACAGGGGGGGAAGAGGAGGGGAGGGAGGGGAAAA AGAGAACACCAAGGGGGAGGAAGGGGGGGAAAAAGGAACCGAGGACTTGG G G G GAGGGAAGGAGAAAAAAAAGGAAAGAACAAAAGCCAAAAAAGGGAGA

G G A A G G G G G G A A G GAGAAGGGGGAGGAAGGAAAAGGGGAGAAAGCAGGC A G GA $\operatorname{l}$ GCGGGGAAAGAGGGGGAAGGCCAGGGGAGCGAAAAAGAGAAAAA G GAA $\operatorname{A}$ GGGAAAATTAAGGAGGACCAAGGGGGGGGAGAAGAAGAGGGAAC CAAAAGGAAAAGGAGCCGAAGAAAAAACCCACCGAGAAGAAGGCATTAGC AATGGGCAACCGGGGGGGAGAGGAAAGAAGAGGAAAAGAGAGGGAAGGG AA $\operatorname{G}$ GAAGGAAGGGGGGGGCAGGGACAAGCCAAGGAAGGAAAGGAAAGGA A G G AA G GAAAAGGAAAGGAGGAAAAAGGGAAGAACGGAAGATTAGAAAAG A G GAGGGAGAAGGGGGGAAGGGGAGAGGGGGCCAAAGAGGGAGGAGGAA GAA $\operatorname{lnC} C \mathrm{G}$ GGGGGCAGAGAGGGGGGGGGGGCGGGAGGAGAAACCCCCAAG GGAGGAACCCAAAAGAGGGCCAAGAGACCCCAAGAGAGAAAGGAGGGAGT AAGAGAAAGAGCCGAGGAAGAGAAGGAGGGGAAAAATAAAAGAAAAGAAA AAAAAGGAAAAAAAAGGGGAAATCAGAAGGGAGAAAAGAAAACCCGGAAA GAAAAAACCCCAAACAGGAAAGGAAGGGAAAGGAAGGAAGGCCAGCCGGG GGAAAAAGGGGAGAGGGGGCCAAAGAAACGGGAGGGAAAAAACCAGGACG GAGGGGAAACCGAGACCGGGGGGGGAAGGAGGAGGGGGGTAAAAAGAAA GAGGAAAACAAAAAGGAACCAGGGAGTTGGGAGAGAGGCCAAGGAAAAGA AGAAACGAAAGGGGGAGGAAAGGAGGCAAAAAAGGGGGAAGGACAAAGAA GAGGAAGAAGAAAAAGGAGAAAGAAGAAGGAAAGCAAGGGCAAACAGATA AAAAAAAGAAGGAGGCGGGGGGAACCGAAAAAAAGAGGGAATAAAAAGAG GGGGCAAAAGCCGGGGGGAGAGAGAAGGGGGGGGGGAAGGAAAACCGGG GACTAAAAAAAGAAAAGAAAGGAAACAGGCAGGAAAAGAAACCCAGGGAA AACGGGGAAGGCCCCAGGGGAAGAGGAAGAGGAGAGGAAAAAAGACCAAA GAAAAGGGGAAGGCCCCAGGAGGCCGGTAAAAAGGGGGGGGGGCACCGG AAAGAGCCAGAGCAAAAGAGAGGAGGAAAAAGCCACGGGGAAGCAACCCA AACCGGAACCTAAGAGAAGGAAAAGGAAGGGGAATTAAAAGGGGGGAAAA G G G G G G CCGGGGGGAAAAGGGGGGAAGGCCGGGGGGAAGGAAAAGGGGG G G G G GAA G G G G G G A ACCGGCCAAGGGGGGGGAAAATTAACCGGAAAACC G G A A G G G GAAGGGGAAGGCCAAGGAAGGAAGAAAAAAAAATTGGGGGGAA GGCCGGAAAAAAGGAAAACCGGAAAAAAGGGGAAGGAAAAGGGGGGACCA GAAGAAGAGGGGAAGGGGAAGGAGAAAACAAGGGAAGGAGGGAAGGAAC AAAGGAACACCGAGGAAAAGGGAGAAGCAAGGAACGAGAAAAAAAGACAA AGGGGAAAACACCAACCGGCAAAGGGAGGAAAAGGAAGAGGAGGGGGGAA CA $\operatorname{l}$ GAGGGAAAGGACGGGGAAAAGGAGAGGGACGGGGAGGGGGGGAGAA A G G A G G G A A A A G G G G GAAAA $A$ AGGCCCCACGGGGAAAAAGAAAGGAGAGA
 CGGAAGGGGAAAAGGCCGGAAGGGGCCGGTTAAGGAAAAAGGAAGAAAGA GCCGGGGAGAGGGAGCCAAGGGAGGAAGGAAGGGAAGAAAAAAAGACACA GAGAAGGGAAGAGGAGAAAGGCCAGAAGGGGGACGGGGAGGAGGCGGAA CCAAAGGGAGCCAACCGGGGGGGGGGGGGGAGGGGGGGCCGGAAGGAAG G G G G G A A A A G GCCGAAAAGGGAGGGGGCCAGAAGGAGGAAAGGATGGAG AACCGAGGAGAGAAGAACCGAGAGCCCCAAACGACAAAAGGGAACAAGAG AGGGGGAAACTACAAAAAAAAAAAAAGGAAAAAACCGGAAGGAAAAAAAA AAAAGGAAGGAACCGGAAGGGGGGAAAAGGAAAACCCCAAGGAAGGGGGG AAGGGGAAAAAAGGAAAAAAAAAAAACCAACCAAAACCGGGGGGAAAACC AAAACCAAGGAAGGAAAAGGGGGGGGGGAACCGGCCAAGGAAAAGGAAAA GGAAAAAACCAAGGAACCGGAACCAAGGGGGGGGGGAAGGGGGGGGGGG GCCAACCGGAAAAGGAAGGGGAAGGAAAAGGTTGAAAGAGGAGAGAAAAG GAAAAGGAAAGAGGGGGGACCGAGGGAGGGAGAGGAAAAGGGGGGGGAA CCAAAGAAGGAAAAAAAAGGGAGGAGAAAAGGGGCAGACAGGCCAGGACA G GAAAAGGAAAGCCCCGGGGGGGGAGAAGAGGGGGAGGGAACAAAAGGG AGGAAGGCCGGAGGGAAGAACAGAACAGGGGGCACAGGGGAGAGAGACG A G G G G A A G G G G G A A G GAGGGGGAAGAGGGGGGAGGAGAGGAGAGAAAAG AGGGCGACAAGGAAACAGGAGAGAAAAAAGGAAGGGAGGAAAAGGGGACG GAAAAAACAGGAAAAAAGGAAAAAAGAGGGGGGAAGAAAGGCCAGAATTC CGGGACCAGGGAAAAGGAAGGAAATAGAGGGAGGGGGGAGGGGGGAAA G G G G G G ACGGGAGAGAAAACGAAGAGGGGAAGGAAGGGGGAGAGGAAGC GGGAAAAGGCCAAGGGAGGAAAGAAAAGGAAGAAACCGGAAAGAAAAAGA GAGAGAGAAAAGAAAAGCCGGGGCAGAGAAGGGGGAAGGGGAGGGAAAA AA G GAGAAAGAGGAGGGGAGAAGGAAGGAAGGGGGGAAGGCAGGGAGGA AAAAGAAGGGGAGGACCCCGGGGAAAAGGAAGGCCCCGGGGAAAGGAGAG GAAGGCCAAAAGGGAGGAAAGGAAAGAAAGAAGGGACACGAGGCCGGAAG

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 AA $\operatorname{l}$ GAACCGGGGAAGGAAGGCCGGGGGGGGGGAAGGGGGGGGAAAAAAA AAAGGAAAAAAAAGGGGAATTGGGGGGGGAAGGGGCCAAAAAAAAAAGGG GGGGGAAAAGGAGGGGGAGGGCAGGCAAGGAGACAAGGGCCAGCCAAAG AGGAGGCCAAAAAAGGAAGGGGAAACACGACCGAGCGACCAAAGGGGAAA AACCGGGGAGTTAAAAAAAAGGAACAGGGAAGAAGACCGGGGAACCAAGG GAAAGGAAAAGGCCAAGGCCAAAGAAGGACGGCCAAGGGAAGGGAAAAGA GGGGAAAAGAAGGAGAGAAAAAGGGGAAGGGAAAGGGGCCCAGGAAAAGA GAGAGAAACAGGGACCAGGAAAGGCCAGAAACGGGGGGAAGGAAGGAGG

G G G AA G G AAAGGAGAGGAAAAGAGAACAGAAGAAAAGGAAGACAAGAGAG GAAAAGAGGAAAAAAAGAGAGGGCGCAAAAAGGAAAAAGAACGAGGAGAG GAAAAAAAAAGGGAAAAGGAAGGGGGGAGAGGAGGGAAAGGCCGAGAGG AAGACCAAAAGGAAAAAGAAAGAGAGGGGGCACAAAGGAGCAGAAAGGGA CCAAAGAAAGAGGGGAGAGGGGAAAAAGAAAAAAAAACGAGACCAGACCA AAAAAAAAGGGGAAGGCCAAGGCAAGGGAGGGAAGGAGGAGGAGGGGGA AA $\operatorname{G}$ GAACCCGGAGGAGAAGAGAAAGGGGGCCAAAGGGGAAAGGGGGGAA CCGGAGGGAGAAAACGACAGGAGGGGAAAAAAAGAGAAGCAGGGCAGGGA GACAGGGGAAAGAGAGAAAGGAAACCAAAAAAGGGGGGGGTAGAGGGGAA AA $\operatorname{A} G \mathrm{G} G \mathrm{G} A A A A A G G A A G G G G A G G A G G G A A G G A A G G A G A A C G A C C G G G G A$ AA GCCGGAAAAGGAAAAGGGGAAAAGGAGGGCAGACCTAAGGGGAGAAGG GGAAAGGGGAAACGAGGGGAGGGGGGAGGGGAAGGAGAGAAAAGGCCAA GAGGGGGGACAGGGAGAGAAGGAAAAGAACCCACAGAGAGGGGGGGAAG GAAGGGGGGCCAGAGAGGGAAAAGGGGGGGGGGGGAAAAAAGGGGAAAA A GA $\operatorname{A}$ GGGAGAAGAGGAAGGGGGGGGGGGGGAAAACCCCAAGGGGGGGGC CAACCGGGGGGAACCCCCCGGGGGGGGAAGGCCAAAAGGGGAAAAGGGG G GCCAAGGAAGGAACCGGAAAACCAAGGCCAAAACCGGGGTTGGGGAAGG CCGGGGCCCCGGAAGAAACCAAGGAAAAACAGGGGGGGACAAAAGGAAAG AAAGAAGAAAAACCGGAAAAAGAAGGGGAAGAAGACGAGAGGGGGGGGAG AGAAACGGGACCGAAAAAGGGGAAAGACGAGGGAGGAGAAGGGGAACCGG G G G G G G G G A A G G G G A A C C CC G G G G A ACCGGGGGGGGAAAAACGAACAGG AAAAAAAGAAAACGGACACGGGGGAGGGGGGCCAGACAAAACGAGCCGAA CAAGAAGAAAACCGGGGCCGAGAGACCGGGAAAACGGCAAAGGGGGAGAG GAGGAAGGGCAGGAAAGAAAAAGGGGAGGGAAGGAAGGGGAGGAGAAAT G G G G G G A A G A A A A G GAGGCCAAGGGGGGAAGAGGCCAAGGCCAAGGAAC CAACCAGGGAGGAAAAAAAAGAGGAAAGGAGAGGGAAGAGGGGAAGGAAA AGAAGAAGGAAAAAAAGGGACAGGGAAGGAGATAGACAGAAACAAGGGGA GAGAGGAAAGGGGGGAAAAAGGGAGGGAAGGGAAAGGAGACGAAAAGGG GGAAGGAACCAAAAGGGCAAGGGGACGGACGAGGGCGAAGACGGCCCAAA ACAAGGAAAAGGGGGAAGGGAAAAGGGGACATGGAAGGAAGACAGGAAAG GGCCAAGGCAAGACAAAAGGGACCGGGGAAAAAAAAGGGGAAAAAAGGAA AAGGAGCAGGAGGACAAGGGAAGAAGCCGGGGAACCGAAGAAGGAAAAAG AAAAAGGAACGCGCAGAACCACAGGGAGAAGGGGAGGGGGAAAAGACCAG A G G GAAAAGGACAGAACCGGGAGGAAAGGGGGAAAAAGAGAGGGGAGGA AGGGGACAGAAAGAGAAGAAAGAGAAAGAAGAGAAGGGGGAGGACGAGGA A G G G GAA $\operatorname{A}$ GGGGGGGAAAAAGACAAGGGAGGGGAACAGGAAAAGAAGGG GAGGAAAACCGGAAGAAAAGCAAAAAGAGGCCGGGAGGAGGGGAAGAAAA A GTAAAGGAGAGAAGGGGAACCGAGGGGAAGGAAAAGGAAGGGGGGGGG G G G CA $\operatorname{GGCAAGAAGAGAAAAGGGGAAGCAAAGGAGGAAAAAGAAGGAGGG}$ GAGGGCCAAAAAAGGAAAGAGAAAAAAGAGGGGGGGGAAAAAAGGAAAAG GAGAGGGCCGGGGAAGGGAACAGGGAACCAGAGAACAGAGAAGAGGGAA G GAAAGGGGAGAAAAACCAAGGAAAAAGCCGGGGGGAAGGAAGGGGAAG GGGGGGGCCAAAAGGGGAAAAAAGGGGGGGGGGAAAACCAAAAGGGGAA AAAAAAGGGGGGGGAAAAAAGGCCGGCCGGAAGGAACCGGCCAAGGAAAA GGGGCCGGAAAAGGAAAAGGAAAAGGGGGGAAAGAAAAAAAAGGGGGGG GGGAACCAAAGGGGGGGAAAGGGAGAGGAGAAGGGAACAAACACAAGAAA G G G GA G GAA G G A GCCGGGGGGGGGGGGAAGGCCAAAACAGAGGGAGGCC A G G A G G GAGGGAAGGGGGGGAAGAAAAAGGAGAAAAAGGGAATTCCAAAA AAAAGAAGGGAGGAGGGGAGAAGAAACCCCACAAAAAAGAAAGGCCGACC GAAAAAGGAAGGAGAGCCAAAGAACCGGGGGGAGGGAAGAGGGGAAAGAC GGGAGAATAACAAGAACCAAAAGGAAGGGGGGGGGAGGAGGGGGAAGGG GCCCCGGAAACGGGACACAGGTTAGAAAGGAGGAAAAACAGAAGGCCGGA CGGCAAAAAAAAAAAAAAGAAGGAAAGAAGGCCGGAAAAAGCCAAGGAGG GAAAAGAGGAGGAAAAGGGACAGGAGGGGGGGGGGGGGGGGCCGAAGGG CCGGGGGGAGAGAAAGCAGGCCGGAAAGAAACAGAGGGGGCCCCCCCCGG AGCCCCACGAGAGACCCCAAAAGAAAAAAGAGAAGGGGGGACGAACGGAC GAAAGGAAGGCCGGAAGGGAGGCCAAAAGGACAAGGGAAAGGACGGCCGA CAAAGGAAAAGGAAAAAAGAAGGGAAAAAACACCGGAGGCGGGGGAAAAA GGAGGGGGGGGGAGAGAGAGGGGGAGAAAAAAAAAAACGGGGGGGGTAA AAGAAAAAAGGGGAAGACCAAAAAGGGAGGAAGGGGGGAACGGAACCGGT TACAGGGTAAAGGAAAAGAGGGGGGGGAAAATAGACAGGAAGGGGGATTC

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G GAAGAGGGGAAAAGAAAAGAAGGAGGGGGGGCAAAGACCGAAAAAAAGG A G G G G GAA $\operatorname{A} A \operatorname{G}$ GAACCGGGGGGGGAAAAAAGAGAGGGAAGAAAAGAGAG GAAAAAAGAGGGGCCGGGGCCAGGAGGGGAGAGGAGGCCAGGGAGAGAG AAGGGAGAAAGGAAGGGAGAGGGAAAAACACAGACCCCAAGAGAAGAACA G GAAGGAAGACAAAGGAAAGGAAGAACCGGGAAAAAGAAAGGACAGAGAG ATGGCAGAGGAGAAAAGGAAGGGGGACGAGGGGACAGGCCGGGGAAGGA AAAAAGGGGGGAGAAAAAAGGGACCAAGGGGAACCCCAAGGAAACGGGAA A G G G GAA $\operatorname{A}$ GAA $\operatorname{A}$ GGGAGGGGGGGAAGGGGGGGGGGAAGGAACCGGGGAG G GAAAGAAGGGGAATTAAGGAGAAGACAAAGGAAAAAAAAGGAAGGCCGG GAGAGAGGAACAGAAGAGGGGAAAAAAAGAAAAGCCAAAGAAAAGGCCAA GAAAGGGAAGAGAGGAAAAAAAGGGGGGAACCAAAAGGCCAAAAAAGGAA AAAAGGAAAAGGAAGGAAAAAAGGAAGGAAAAAATTGGAAGGAAAAGGAA AAGGAAAAAAGGGGAACCAAAAAACCGGGGAAGGGGGGAAAAGGAAGGCC GGGGGGAAGGAAGGGGGGGGGGGGAAGGCCAAAAAAAA的GGGAGGGCCG GGGAAAAAAAAAAGGGGGGAAAAAAGGCCGGAAAAAAGGCCGGGGGGAAG GAAAAGGGGGGGGGGGGGGAAAAAACCAGGAAAAGAAGGAAAAAAGGAGC A G G G G G G GAGGGGCCGGAAAGGGGGAAAAGGAAAACCAAAGAAAGAAAAG GAAAAAGAAGATAAAGGAACCGGGAAGAACAAAAAGCAAAGAAAAAGACA G G AA G G GAAAAGGGAAAAAGGCCGGAACCAGGGGGAAAAAAAGGGAGAGG GACGGGGAGAACCCCAGAGGGGAGAAGCAGGCGAACAGAAAGGGGAAAAA GCAAACCGGAAGGGGGAAAAGGGGGAGCCAGAAAGGGGGAGGGAAGGAG G G G GAA G G G G G GAA G GCCAGCCAAAAAGAAGAAGCAACCAAGCCGGGAGG AAAAAAGGGGGGGACCGGAACCGGAAGGAGCCAAAAACAGCAACCCAGAA G GAAAAAAGGGGCCAAGGAAACAGGAAAGGCCAGGCACCCAAAAGGGGAG GAGAAAAAAAAAAAGAGAAAAAAGAGACCAAGCCAAGGAAAAGAGGAGGG GAAAGGAAACAAAAGAAAAGAAAAGGAAGGAAGGGGAGAAAAGAGAAAAA GGAAGGAAAAGGAGGAAGGGAAGAGGAAAAGGGGGAAGAAAACCTTGGAG GAAGGGAAGGGGGGCCAAGAGGAACCCCAGAGGAAAAAGGAACCCCGGGG AGAAAAGAGGGGAAAGGGAAGGGGGGGGCCCCCAGGAAAGGGCAGAAACC GGAACCAAGGAAGGGGAAGGAAGGGGAAAAAAGGGGAAAAGGAAAAGGAA AAAAAAGAAAACGAGGAAACGGGGGGAAGGGAAGACGGAGAGAGAGGAAC GAAGAAGAGAAAGGGGAGGGGGAAACGGAAACGAAGGAAAAAAAAGAGGA G GA GATGAAGAGAGGAAAGGCCAGCCAGAGGGAAGGAAAAAAGGCCAGGG ACAAGGTTGGAAGGGGAAAACAAAGGAGAAGAAAGGGGAAGAAAAAGGGG CCAGAACCAAGAAAAGGGAAGAAGAAAAGGAGGGGAGACAAAGGGGAGGG G G G GAA G G G G AAAAAAAAAA G GCCGGGGGGGGAAAAGGAAGGGGGGAAG GAAGGAAGGCCGGGGCCGGGGAATAAAAAGGAAAGGGAAAGAAAAAAGGA AAAAGGGGGAAGGGGAACCAGGAGGAAAAGGAGGGGGAGAAGGAGAAGG CCAAAAGGGAGAAGAAGGAGCAGGGAAGGGGAGAAAGGAAAGGGAATACC G GTTAGCCAAGGGGAAGGAAAAAACCAAAAAAAGAAAAAGCCAAAAAGCA G G G G G G A A A A A A A GAGGGGAAAGGAGGGGGAGGAGGAAGAGGGGAGAGG G G G G G CCGGAAGACCGGAGGAAAAGGGCAGAAGGAGAGGAACCAACCACC CGGAGGGAAGGAAAACCAAGGAAGAGGGGAAGGTTAAAACCTTAAGGAAG GAAAACCCCGGGGAAGGAAGGTTAAAAAACCGGAAGGAAAAGGCCGGAAA AAACCCCAACCGGGGAAAAAAGGGGAAAAAAGGGGGGGGAAGGGGAAGGG GAAGGGGAAAAGGAAAAGGCCGGAAGGAAGGAAAAGGGGAAAAGGCCGGA ACCCCAAAAGGCCAAGGCCAAAACCAACCGGGGAAGGGGAACCAAGGGGG GCCAAGGAAGGAAAACCGGGGAAAAAAGGGAAAAGGAAGAGGGGGCCGAG CGGAGAGCCATGGAGCACACGCCAACAGGAAGGAAAGAAGGAGCAGAAAG G G A G GCAACGGGAGGGGATGGGAAGAGAGGGGAAAGGAAAAGGGGGGCC CCAAAGCAGAAGGGCAGAGGGGAAGAAACCGAGGCAAAGGAGTAAAGGGA AAGCCCGACCAAAAAACCAAGGAAGGAACCAAAGAGAGGGCCGGACCAGG AAAACCGAAACCAAAGCCGAGCAAAGAGAAAGGAGGAAGAGGGGGGCGAA AAGGAGGACCAAAAAGGGAGCCGGAAGGGAAAAAAAGGCACCACGAGAAA GACCCCGGAAGGCAGGCCAAAAGAAGAAAGAAACGAGGGGAAGGAAGGCA G G A G GA GAA GAA GAGGGGGGCCCCAAGGAAAAGGAAGGGGAAAGGGAGG G G G A A A G CAA $\ln A \operatorname{GGGGGGGAGAGAAAAAAAGGAGGGAAAAGGAGAGGGG}$ GGGGAAGGAACCGACCAGCCGGAGGAGAAAGGGGGGAAGGCAAGGAGGA GAAGGAACAAGAAAGGGGGGGGGAAGGCAGGTTAGGGCCGGGGAAAAGG GGGGGAGGATAAGGAAGGGAAAGGGGACAAGGGGAAAAGAAGGAGAAAA AAAAAAAGGAAAGGGAGGAAGAAGAAGGGAAGAAAAGAGACAAGGACGGA

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GGGAAGGGTAAGAAAAAGGACCGGAGAAAACGAGAAGGAGAAGGAAGGAG AAGGCCAAAAAAAGAAAACCGGAGAAGAGACACATACCGGGGAAGGTTAA CCACAAGGAAACAAGAGGAGGGGGGAGAAATTAAGAAGAAGGGGAGGAAA GGAAGGAAAAAACCGGAACAAGGAGGAAGGAAGGAAAGAAAGGGGGGGG GGGGAGGGAAGGAAGCAAAAAAAAGGGAGAAGAGGGAGGGAAAAGGGGG GGGGAAGGAAGGAGAGAGAAGGGGAAGGAAAGAGAACAGGAAAGGGAGA GGGGAAAAAAGAAGGGGAGGGGGATGGGATTGGAGGGAAGGAAGGGAGA GAAGCCAAAAGGGGCCAAAAAGCACCAGCAGATTAAGAAAATAAACAGAA AAGGGGAAGGAAAAAAAGAGAACGGGTAACAGAGACAGTACCGGAACAAG AGAGAAAAAAAAAGGAACGAAAGACCAAGGGAAAGGAGGGAGAGAAAACC AGAAGAAAGGGGCAAAAAGAAAAGAGGGGGAGCCGGAGGGCGGAGAAGG ACCAAGGGGGGAGGGAACAGGGGAAAAGGAAAAGGGGGAGGAAGGAAAG AACCGAGGGGAACCAGATCCAGCCGACCGAAAGGAAAAGGAAAAGGGGGA AACAAAACGGGGGGGGAAGGGGGGGGAAAAGGAATAAAAGAAGGGGAACA GAATAAACGGCCGAAGAAAAGAAGAAGGAAAAGGAAAAGGAAGAGGAAAG CCAAGGGAGGGGGGCCCAAGGAAACCGGAGAGCACCGGGGGGGAACAGAA AGAAAAAGAGGGAAAAGGAAGGGGAAGGAAGGAAAAAGAGGGGGAAAAAA AAGGAGCCGGACAAGGGGACGGTTAGGGAGCCGGGGGACCGAACCAGAAG CACAACCCAAAGTATTGGAAAAGGAAAAAAGGAAGGGGGGCCCCAAAAAA GGGGGGAAGGGGAAAAGGGGAAAAAAAAAAAAGGGGAAAAGGCCGGAAG GGGGGAAAAAAGGCCAACCAAGGGGGGAAGGAAGGGGAAGGAAGGGGCC AA G GTTGGGGGGAAGGCCGGGGAGAAAAGGGGGGAAGGCCCCAAAAGGG GCCGGGGAAAACCAAAAGGTTGGAAGGAAGGAAAAAAGGAACCAAAAGGG GGGAAAAAAGGGGAAGGGGAAGGAAGGGGCCGGGGGGGGAAAACCCCCC AAAATTGGAAGGAAAAGGAAAAGGAAGGGGGGCCGGGGGGGGAAAAAAAA AAAGGGGGAAAAGGAAGGAAGGAAAACCCCGGGGGGGGAAGGAACCAAAA AAGGCCAAAAGGAACCAAAAAAAAGGCCGGCCAAAAAAGGGGCCAAGGGG GGGGAAAAGGCCGGAAGGGGGGAAAAGGAAGGCCAAGGGGAAGGAACCA AAAAACCAAAAAACCGGCCGGAAAAGGAAAAAAGGGGGGGGGGCCGGGGA AAAAAAAGGAAAAGGAAAAAAAAGGCCGGGGAAGGAAGGGGGGAAGGCCA AGGGGAAAAAAGGAAGGAAGGGGCCGGGGGGGGAAGGAAGGGGAAAAGG AAGGGGAAGGCCGGGGGGAAGGAAAAGGAAAAAAAAGGCCGGGGAAGGA ACCTTAAAAAACCGGGGAAAAAAAAGGCCAAAAAAAAAAAAAACCAAAAAA AAAAAAGGAAAAGGAACCCCAAGGAAAAGGCCAAGGGGAACCGGAAGGCC GGAAAAAAGGCCAAAAGGAAAAAAAAAAAACCGGCCAAAAGGCCGGAAAA GGAAGGGGGGAAGGGGAAGGCCAAGGAAGGAAAAAAAAAACCAAGGAAGG CCGGGGAAAAGGCCGGGGAAGGAAAAGGAAAAGGGGGGCCCCCCAAAAAA AAGGGGGGAACCGGAAAAAAGGAAGGGGGGTTAAAAAACCCCGGCCGGAA AAAACCAAAAGGAAAAGGAAAAAAAAGGAAGGGGTTAAAAAAGGGGAAGG GGAAAAGGGGAAGGCCAAGGGGGGGGGGGGAACCGGAACCGGCCGGAAG GAAGGCCGGAAGGAACCGGAAAAGGGGAAGGGGAAAAGGCCAGGGGAGG AAAAAAGAAAAAGGGAATAAAAAAAAGGGGGGAAGAAAACTTAAAACCGG AAGAAAAAAAGAGGAGACCCGGTTAGAACACAAAGGGGGCAGAGGAGAGG GGGGCCGGAAGGAGGGGGGAAAGGAAACAAGAATGAAAAGGAGAGGGAG GAAAAGGGGAAGGGATTGGAAGAAAGGGAAACCGGGGAAGAGGAGGGGG GAACAGAGGGGGGGAGCCGAGGCCAACCGAAGGGCAGGGGAAAAAAAACG GGGAGGGGAAAGAAGAACAGAGGAGAGGAAGGAAAAAAAGAAAAAAGGGG ACAAAGAAAAAAGGCCAAAGCCAAAAGGCCGGAAAATTGGGGCGAAGGAA GAGACCGACAAAAAGGGGAAGGAGGACCAAATAAAAACAGAAGGAAAAAG AAAAGGGAGAAAGGAGAGGGCAGGAGAAAAGGAAAAGGCAGGGAAAAAGG A GAGGGGGAAGAGGAAAACCAAGGGGAGAACACCGGGGCCGGAAAGAGG GGGGGAGAAAAAAGGAAAAGGAAGGCCAAAAAACCGGGGGGATCAAGAAG GGGGGCGAAGGAAAGAAAAGGCCAAGGGGGGGGAAGAGAAGGACGAGGC GGCCAAAGGGAGGGCCAAAGGGAGAAAAGGGGGGAGAACGAAAAGGGGC AAAGGAGAAAAAAACAGAAAAGGGGAAGGAAGGGGAAAAGGCCGGGGCAG GAGAGGAAGGAAAAGGAGGGGGGAAGGAACAAGGGGCAGAGCAAGGGAA GGGGAGAAGACCCCCAGGAGAAAGGGCCGAAGTAGAGGAAGGAAGGTTAC GGACGGGGGGAAGGACAGAACGAGGAGGGGAAGAAGGGAAAAAGAGACA GGAAGGGAAGAGAGGAAAAAAAGGGAACAAAAATTGGAGAAAAAGGAAGA AGGAGAAAAAGGAAGAGAGCGAACCTTAAGGGGGGGGAGAAGGGAGACCG GAGGGCCGGAACCAGGAGAGAAAAAAAGAGGCCGAGAACAAGAAAAAGGA

ATTACCAGGAACGAAACAGAGAGGACCGGGGAGGGCCAAGGGAAGAGAAG AGGGGAAACTTGAAGGAAAAAAAAAGGAAGGGGAAAAAAACAAAAGGAAG GGGCCCCAAAAGGAAGAAAAAAAAACAAACACAAGAAAAGAGAACCAGGG GGAAGAGGAGCGAGGGAAGGGAAAAGGGGAAGGGAGAAAAAGGGGGAAG GAACGAGGGGCCGGGGAGCCGGCCGGGGGAAGAGCCGGCCGGAAGGGAG G G G ACA G G G G G G GCACCAAAACCCAAGGCAAAAGGAAAAAACCGGGAGGG AAAACGGGGAGAAAAAAGGGGGGAAGGGAAAGGAAGGGGGAGAGGGGGG G GAGAGGGGGAAAGACGACCGGGGAAGGGGAACCAAGGAAAAAAGGCCG G G GCCGGGGAACCGGAAAAAAGGGGAAAAGGAACCCCGGAACCAAAAGGG GAAAAGGGGAAGGAAGGGGGGAAGGAACCAAAACCGGGGGGAAAAGGGG AAAAGGAAAAGGGGAAAAAAGGGGGGGGCCAAGGAAGGGGGGAAAAGGG GGGAAGGAAAAGGAAAAAAAAGGGGAAAAAAAAAACCCCAAGGGGAAGGG GGGCAAAGGCCAAGGGGGAAGGGCAGAAAAGGGGGAAGGAAGGAAGAGG AAGACCGAGAAAGAGAGGACGGAAGAAAGGACGGAGAAAAAAAAGGGAGA ACGGGGGGAAGAGAAGAGCCAAAAAGCCGAAAAAGGGGGAAAAAGGCCAG A G G G A A G G G G G G G GAAACAAGAAGAGAAGGGGGGAAGGGGGAGGAGGGA CAAAAAAAAAAAAGGGAAACCGAAAGGAAGGAAGGGGGAACACGGAAAAG GAAAGACGAGACCAAGGAGGAACGGACAGGGAAAAGGACGGAAGGACAGA AGGAAGACCGGGGAGAGGAGGAAGGTTGGAAAAGGAAGAAGCCGAAGAAA AGGGGCCCCAGGAAAAAAAAAAAGGCCAGGGCCAACAAAGGAAGGGGAGG GAAAGGAGGAAAAGGAGAGAAGAGGGGGGCAGGGGAAGAAAGGGAAAGG GGAGAAAAAGGAAAAGCCGGGGGGAAAAGGGGAGGGAGCCAGAGAGGGG GAAGGCCAGATGGGACCAAAAAAGAGGGAAAGGGAAGAAGGAAGAAGAAA AAAAAAAAAGGGGGGGGGGAAAAAAAAAAGGGGAAGGGGGGAAAACCGGC CCCAAAAAAGGGGAAGGAAAAGGGGAAAAAAAAAAGGGGAACCAAAAAAG GGGAAGGGGCCAAAAGGAAAAAAAAAAAAAAAACCGGAAGGAAGGGGGGG G G G G G G G AA G GAAGGAAAACCAAGGCCAAAACCAAGGAAGGAAAAGGGGA AAAAACCAAGGCCAAAAAAAACCAAAAAAAAAAGGGGAAGGGGGGGGAAA AGGAAAAAAGGGGGGAACCAAAAAAGGCCGGCCAAAAAAAAGGAAAAAAA AGGAAGGGGGGCCAAGGAAAAGAGACCAAAAGAGGAGGGAAAGAGACAAG AAAAAAAGAGGAAGGGGGGACACGGAAAAAGGGGGAACGAAAGACGGGAA AAAGGGGGGAAGGGACCGGAAAGAGGGGGAAAGGGCAGAAGGGGGAAGA AAAAAAAAAAAAGAAAAGGGGGAAGGAAGGACAGCAGGAAACGAAAGGAA CCAAAAAAGGGGGGAAGGGGGGAAAACCACGGGAAGGGGGGAGAAACCTT AAAGCCAAGGGGGGAAAAGGAAGAAAAGGAGGGAGGGGAAAAAGGGAAG
 GGAGGAAACCAAAGGGAAACAAAAGAACAGAGAAGGAAAAAAAAGGAAAA AAGGAAAACCGAGAAAAGAAGGAAAAAAGGGGAAGAGGGAGGAAAAAAGA AGCGCAGGAGGAGAGAGAAAGGAGATAGAAAAAAAAAAAAAGGGGGAATT AACCAACCCCCCGAAAGGAGAGGGGGAGGGCCAAGGAGGGAGGAGGGCCC GAAAAAAGGAAGAGGAGGAAAAGGAGGAGGGGGGAAGGAGCACAGGGGA AGGAAGCAAAAACGGAAAACCGAAAAGCCCCCCAACCGGGGAAGGGACAG AGGGGCCAACCGGGGCAAGAAAAGGAAGGAAGGCCGGAAGGGGAACCAGA GGAGAGGAAAAGAAGAAGAGGGAAGGAAGGAAGGGGAGAGAAGGGGGGG CCAAGGAGAGGGGGAAGGGGGAGGGGGGCCAGGAAAGGAGCCAAAAGGA ACCAAGGGGAGGGCAGAAGGGCCAAAAGAAAGAAACAAAAGCAAAAGAAA A GA $\operatorname{A} A A A A G G G A G G G G G G G A A G G A G G G G A G A G A G G C C A A A A G G G G G G G A$ G G A A G G G G A A A G G GAGGAAGAGGAGAAAAGAGAAGGGGAGGAGGCCAGG GGGAAGAAAAAAGAAAAAAGGAACAAGGGAGGAGAGGGGGGAAGGAGGA GATTGAAGACAAAAAGGGGGGGAACCAAGAAGCAGCAGGGCCGGCCAAGG A GAGGGGGAAGAGAAAAGCCAACAACAAAAGGCGCAGGGAAAGACACCGA AGGGAGGAAATTGGAAGGAAGGAGGAAGAGGGGAGGGGAGCCCAGAAGG GCAAGGGGGAGGAGGAGAGAGAGGGGAAGAGACGGGGAAAAAGCAGGAG G G GAA $\operatorname{G}$ GAGGAAGGAGGGGGAGAACCGGAAGGAAAAGGAAGGGGGGGGG GAGAGATGAGGGAGACCAAAAAAGGGGGAAGGGAAGGAAAGCAAAAAGGA AAAAGAAAGGAGGAACCTTAATTAGCAAGAAAACAAGGAAAAAAAGGGGG G G GA G G G GAAAAAGGGGGGGGAGAACCAAGAAGAAGGGGCCAGAACCGG GGTTAAGGGGAAAACCAAAACCAGGGAGAAAAAAGGAAAAGGGGCCAGAA AGAAAGAGAAGGCCCCAACCAAAAGGAAGGGAAGGGAAGACAAGAAGGAA AGCACAAGGGGAATAACCAAACGGGAACAGGAAAAGGGAGCAGGAGCAAA G GAACCGGGGGGGAAAACAGGCAGGGAGAGCAGGGAGAGGGGGGAGAAG

GGAGATTGGGGGGGAGGAAAAAAGGGGAAGAGGAAAAGGGAAAGGAGGC CCAAACAAGAAGGGAAAGAGGGAAAGGAGAGAAATAGGAACCGGAAAACC CCAAACAGGGAAAAAAAAAAGGAAAACCGGGGAGAAGAAGCCGGACGGCA AAACGGGGGGAAAAGGAAAAAAGGGGAAAAGGAGGAGGGAAAAGAAAGAG GGGACCAGGGGAAAAAGGAAGGCCGGAAGGAAGGGAAGGCGGAAAAAAG GTTGAAAAGAGCCAGGGAGCAGGGGAAAAAAAAGGCCGGGAAGGAGGAAG GCGGGAAAACCGCAAGCGGGAAGAGCGAGAAGGAGAGGGCCAAAAGAGAA
 G G A A G G G GAA G G G G AACAA GAAAAGGGGGGGGAAAGAGAAAGGAGAAAA AGGAGGGAGGGGGAAGGAACCCAGGCAGGGGCCGACAAGCCGGGGAAAA GAAACCAAGGAGAAAAAAGAGGAGTTAGGAAAAAAACAACAAAAACGAAA GGAGGAGACAGGAGGACCGAGGAGAAGGGAGGATACACGGAGAGGGGGA AGGGGAGGACAGAAACACCAACCGGAGGACCAAGGGAAGCAGGGGGGAGA ACCCCAAGGAAAGCCGGTTGGGGGGGGGGAAAAGGAAGGGGGAGGAAGG AACCAAAAAAGGGGGGAAGAAAGGGGGGGAGAAGAAAAAACCAAGGAAAA AAAAGGAGCCAGGGACAAGGCCGGGGAAACAAGGAGGAAAAAAAGATAGA AA $\operatorname{l}$ GGAGGGGAAAAAGACGAAACCGGGGAGGGAAGGGGACGGGGGGGGA AAATTAGGAGAGGAAAAGGGAGGAGAGAAGAAGAACCAAAAGGAAGGGGA AGAGGAAGAGAAGGGAGAAAAGAGGGGACATGAGAGAAAGGAAGAAGGAA AAAAAAAGGAACCCCGAAACCAAGGGGAAGGGGGGAGGGAAAAAAAGAAA AAAAAGGGAGAAAACGGCAAGCGAAGGGGAGGGAACCGAGAGGGGAAAAG GCCAAAACCGGCCCCAAAAAAAGGAAGGGTAACGGATAAGGACAAGGGGA GGAGAAGAGAAGAAGGGAAAAAACCGGAAGGAGAAGGGGAAAAGGGGAAA GAA G G GA GAA GAACGGGGAGAAGAAAAGGGGGGGGAAGGAAAGGGAAAG AAA G G G G AAA $\operatorname{A} A \operatorname{GAGAAGAGGGAAACGAGGGAAGGGAGAAGAAAAAGGCA~}$ GGAGGGAGCCCAGGAAGAAGAACCAAACAAGGAATTGAAAAAGGAGGGGA GAAAGGACGGGGAGAAAGGACAAAAAGGGGAGAGGGGGGGGGCCAAAAG GAGAAGGAAAAAACAATAGAAGGAAAAGAAAAGAGAAGGAGGGGGACAAA GCCGGAGAGCCGAGGAACAGGGGAAAAAGAAAGACACAAGGGGGAAAAAA CAAAAGGGAGAGGAGAGAAGGGGGGAAAGAGGGGCAGAAGGCCAGGAAG GAGGGGGAGGGGCAAGAAAAACACAGAAAGGAGGGAAGGGAGAGGGGGA AAAGAAGGGAGGGGGGAGGGGAGGGGGAAGGAAAAGAAAGGAAGGAAAA GGAAGGGGAAGGAAGGAAAAGAGGCCGGGAAGCCAGAAGGAAAAAGGGA GAGCCAGGGGGCCGGAAGGGAAAAAGAAGAGAAGAAGGGAAAAAAGAGAA AGAACACACGGGGAGTTGGGAGGAGCCAAAGGAGGGGGGGGGGAAGGGG G GCAGGGGGGGGAAAACCGGAAAACCAAGAAAAGAAAAGAAAGGGAGGCA AGCCGGAAAAAGGGAGGGAAAAAGAAAAAGGGAACCGGAAAAGGAAGGGG AAGGACCAGGAGACGGAAAAAAAGAGAGAAAAGAGGAGGGGAGGCCGGAG G G CCGGGGGAAAGGACGGAGGGGAACAGAATTAAGAGGGGGGCCGGTAA GAA G G G G A G A G G A A A A C C C G A G G GAGGGAGGAGGGGGAAGGCCGAGGGG ACACGGGAGGCCGGAAAGGGCCGGAGCAAAGGGGAAAACCCCAAGGAAAA AAAACCAGAAGAAGGGAACCAGAGGGAAGGGGGGAAAACGGGAAGAGGGG GAAGAGGGAAGGCCAAAAGGAACCGGGAAGAAGGCCCCGGAAGGAAAAGA GGAGAAGGAAGGAGAGAAGGGGCAAGCCGGAGAGGGAAACAACCGGCCAA G G G G GAACAGGGGGAGGAACGGAGAGCCGGGGAGGGAAACGGGGCCGGA G GAGGGGAAAGGGGGCCGGAAGGAACCGGGGGGGGAGGAAGGGGGGAGG G GAAGAAAAGAAAAAAAAAAGGGGAAGGCCAAAAAGGGGGGAGGCCAGGA AACCAAAAGAAACCGGAAAAGAAGAGGGAGCCGAGGAGGGAACCAAGAAG GGGGAAAAAAAAGGGGGGAAGGGGAAGGGGTTGGAACCAAAAGGGGCCA AAAGGGGCCGGCAAGGGAAAGGGGGAAGGCACAAAAGAGGGAAGGGGTA
 AA $\operatorname{A} G \mathrm{G}$ GAACGGAAGGAAAAGGGAGGAGAGGGGGAAAGAGGGAAGGAAAA G GAAAAAAGAGGGGAAGGAAAGAAGAAAGGAAGGATGGCAGAAGAGAAGG GAACAGGGAGAAAGGGGGAAGAACGAGCAGAGGGAAAAGAGGAAAACCAA G GCCAAAAGGAAAGAAAAGAGACCAGAGAGGGAAGGAGCAGAAAGAAAAG AGAAGGACGAAAACAGAGCAAGGGGAAAGAGAGAAGAGAAGGGAAACCGG G GAGAGAGAAAAAAGGACAAAAGGAAAGCCGGCAGGAAAAAGAAACGGGG AAGGAAGGAAAAACAGAGGAAAGGCCACAAGCGAGGACGAGAGGACAAAG AGAGAGGGAGAAAACCCCAAAAAAGGGGGGCCGGCACAGAGGAAAAGAAA AGGGAAAAGGAAAGAAAAAGAAAAAAGGAACCAAGGGGGAGAAAGGGAGA CCAGAAAAGGGGGGAAAGCAGACCGAAACCAAAACCAACCAAAAAAGGAG

G G AA G G G GAAGGCAAAAAAAGGAAAAGGAAGAAAGGGGGGAGAGCACAGG CCGGCAAAGGAAGAGAAAGGACGGGGAAAAAAAAAAAACAAAGGAAAGGA CGGGCACCAGAAGGGGAGAGGAGGGGCCAGAGCCAAAGGAGACCCCAAAC CGGAAAGAAAGAAACCAAGGGGAAAAAAAACAGGGAAGGGCCCCCAAAAA G G A G G G G G G A AAAAGGGGAAGGGGGGAGAGGAGATTAGGGAACAAAAAA AGGAAAACCAAGGAAAAGGGGGGAAAAAAAAGGAAAACCGGGGCCAAAAA AAAAGGAAGAAAAGGGGAAGGGGGGGGAGAAAAGACAGACCGGGACAAAG
 G G G G G GAAAACCGGGGCCGGAACCAAAACCAAGGCCCCGGAGAACCAAGG G G G G A A G G GCGGGGAAGGAAAAAGAAGGGGGGGCAGAGGGAAGGGGGGC CAAGGAACCGGGGGGAAGAAAAAAGAGACGAAGGGAAAAAACCGGAACAG GCAGGGAAAAGCGCAGGGAAAAAACGAAAAAAGAGGGGAGAAACCACCCG AAAAAGGAAAAGGGAAGGGAAAAGGAGAAAAAACCGAACAAAGACAGAAA AACAGGGCCAAAGGAAGACGGAAAAAAAAAGGAGGCCGGAACCGGGGAAA ACCGGGGGGGCGGAAAACCAAGACAGAAAGGGGGGGGAAGGAAGAGGAA GGAAAAAGATCCAAAAGGGGCCCACCAGAAGGAAGGAAGGAGAAAAGGGG AAGGGGACGGGAAAAGAAAAGAGGCAACAGCCAGGGGGATCAGAAAAGCC AGGGAGGGCCCAAGAGCCGATAGGAAAAACAAAAGGACAAAAGGAAAACC A G AAAAA $\operatorname{A} G \mathrm{G}$ GAAAAAGGGGACGGGGAGGGCCGGAAAAAAAAGGAGGGG GGGAAAAAAAAGGAAGGGGAGGAGAAAGGGGAAAGACAAAACCAAACAAA CCCGGCCAAGGAAAAAAGGGGAAGAGGGACCACAAAGAAGGGGGAAAAAG G GAGAGAAGGGGGAATTAGAAACAGGGAGGAACGGGGAAAGAGCCACGGA AAAAAAAAACCGGGGGGGAGAGGAACCGGGGAACAAGGAACAAGGAAAGG G GAA $\operatorname{l}$ GGGGGGCAGAAAGGAAAAGGGGAGAAAGGGAACACCAGAGGACA GAAAAGCAAGTAAAAACCGGGAAAGGCCGAAAAGCCAACCGGAAAGGGAG AGAGGGACGGAACCGGAATTGGAGCAGAGGGGAGAAGAAAAAGAGGAAAA GGGAGAAAGACCGGGGAGAATTGGAGAAAGGGACAACCCCGGAGCCGGAA GGTAGGGGGAAAAGGGGCAGAGAGAAGAGAGGAGGAAAAGAGAAGGAAG GGGGAACAAGGGAGAAAAAGGAGCGGAAAAAAGGAAGGGGAAAGAGGAAA AAAAAAACAAAGAAACCGAAGAGGAGGAAGAGGGAAAGGGGAGGGGGCCA GAGGAGGAAAGGAGGGGAACCAGAGGGAAAAGGGGAAAAAAAAAAGGGGA GAAACAGAAGGTTAAGGGGAAAAGGGGGGGGAAAGAGAAACCAACAGGAG GGGACCCGGGGGGAAGGAACCGGAGAGAGGAGGGGCCAGGAGAAGGGGA AAGAAAAAAAAGGAGGAGGGGGGGAAGGAGCAGAAAAGAAAAGGGGCAGG G G GAGGAAAAAGGGGGAAGAGAAAGAAAAGAAACGAGGAAAATTAAGGAA G GAAGGGACAGGGACAAGAGAGATGGGATAAGGGAGAGCAACAGGAGGAA GAAGAACAGAGGAGGACCAGGGGGAGGGAAGAGGAAGGGAAACGAACCGA AAAAGAAACCCCCCGGCAAGAGCAAGGGTTAAAAAAAAGGGGCCGGGGAA G GAGGGAACGAAGGGGGGGGAACCGAAAAAGGAGAAAAAGGACGGAAAGA AAAAGGGACCAAGGAAGGAAAAAGGAAAGAGGGGGAAGGGGGCCGGAAGA GCAA G GCGGGGAGGAACCAGGGGAGGGAGGGGAGCAAGCAGGGAAAGAG GAGACACGAAAACCAGAGGAAAGAAACGGGACCGGCCCCAGAGGGGAAGA ACCACCAGGGGACGGAAGGGACCAACAGGAAGAAGAAGGGGAGCAGAGGG GAAGGGGGAGAGAAAAAGGCCAAAAGGAAGGAAAAGGGGCCGGGGAAGG AA $\operatorname{A} A \mathrm{G}$ GCAAAGGAGAGAACGAGGGGGGAGGTAAAGGAGAAGGAAGGAAG GGGCCGAGAGAGGAGAGACAGGAGGAGAAGAGGGGGGGGAAAGGAAAAA CCAAGGGAGGAAAAGGGGGGGAAAAGCAGGAAGGAAAAGGGGCACAGAG GAGGGAAGGAAAAAAGGCACAGGGGAGCCGGCAAAAAGGGGAAGGGGGG GGAAAAAAAACCGGGAAAGGCAGGCCAGAGAAGAGGTTAGGGGGGGAAGG CCGGGGAAAAGGACGGAAAACCACAGGACCGGGGAAGGGGGGCCAAAAAA G GCCAAAACCAAGGGGGGGGGGCCGGAAAAAAAAGGAAGGAAAACCGGAA AAAAAAAAGGGGGGGGAAAAAAGGCCGGAACCTTAAAAAAAAAAAAGGCC G GCCAA G G G GCCCCGGAAGGGGCCGGGGGGAACCGGAAGGAAGGAAGGA AAACCAAAACCAAGGGGGGGGAAAAGGGGGGGGGGGGAAAAAACCAAGGA AAAGGAAGGCCAAGGAAAAGGGGAAGGAAAAAAAAGGGGAAAAGGAAAAA ACCGGGGAAGGAAAACCGGGGGGGGGGAAGGAAAAAAAAGGAAAAAAGGG G G G G G AAAACCGGAAAGGACAGAAGCAGACAAGGAGAAGAAGAAAAAGGG GGGAAGGCCAAAAAAAAAAAGAGAAGGCCGGAAGAACGAGGGAGAAGAAA GAGAGAATTGGGGAAAAAAAACCAAGACAGAAAAATACAAAAACCGAAGA GGAAGAAAAAAAACCAAGGAAAGGGGGAGGGGGACACGGCCGGAAAAGAC AGAAAACGAACCACAAAGGGGCCCCAAGGCAGGAACCGGAGGAAGAGGGC

CAAAAAAGAGGAGGAGGGGGGAAAAAGGAAGAGAAGGGGGGAAGGGGCC G GCCGGAAGGAAAAGGAAAAAAGGCCCAAAAAGGGGGGGGAACAGGAGCC AGAGAGGGAAGGCAGGGAGAGGAAAACCGGAAAAGGGGCCAAAAGGAAAG GACAACCCAAGAAAAGAAAGGGAGGGAAGGAGAGACAGAAGGCAGAAGAA CCGGCCCCAGGGAAAAAAGGGGCCGGAAGGGGAGAAGGAAGGGAAAGGAA GGAAAAGAGAGGCCAGGACCAGGGAAAGGAAACCAACCAAGGCAAAGGAA AA $\operatorname{G} \operatorname{GGGGGGGGGAAGGAACAAAAACCACAAGAAGGCGGCCGGGGCCGGG}$ ACAGAAAAAAAGGAAAAGGGAGGCCAAAACGAAAGGAGAGAGGGAGGCGA AGAAGAAAAAATAGGAAGGGAGATTCATAAAGAAGCCAAAAGGGGAAGAC AAGGAACAGGGGGAAAAGGGACGGAGGAAAACCATAACCAAAACCAAAGA GGAAGAGAAAGGGAGAGGAAAGGAAGGGAAGGAAAAAAGAGGGACGGAAA CAAAGAGGAGAAGAGAGGAGGGGAAGAAAAAGGGCGGAAGAAAGAGGGG AGGGGACAGGCCAAAAAAAAAACCGCACAAGGGAGGAGAGAAAAAAAGAA CCGAAAAAGAAGGAAGAAAGGGGGAAAAGGCCAGCAGGAGGGGGGGGGG GAGGAGGAAAGAAAAGGAAAACGGAAGGGGGAGGGGGGAGAAGCACCGA AGAAGGGAAAGAAGAACAAAAAAAGGGGGAGGAAGGAGGAGGAAAAGGAA AAGGCCGGAAAAAAAAAAAAGGAAAAGGGGGGGGGAGGAGGGAAGGAAG G G GTTAGCAGACGGGAAGAAACAGAGAAAGGGGCCGGGAAAAGGAACGAC GGGGAAGCCGGCCGAGGAAGGAGAAAGGGGAACCAGGGGGGGGGGAAGA AA $\operatorname{A} A A \operatorname{AAAAAGGGGGGAAGGGGAGGGGGGGGGCCGGGGAAAAGGGGAGG}$ A G G G GAGGGGAGAGGGACCAAACGAAAGGCCGGAAAAAGGGGGAAAAGG A G G G G G AAA $\ln A \operatorname{GAGGGGGAAGGGGGAAGCCAAGGAAGAGGAGAGGGAAG}$ G G G A G A G A A GAA G G G G G G G A A A A G GAACCAAGGGGGAGGTTGGGGCCGG G G A A A A G G G G G G ACGGGGAAGAAAAAGGGGCACAAGGGAAAAAAAAAAGA AAGGAACAAACCGGGGAACCGGCCGGAGAAGGAAGGGGCCGGGAGGAAG GCCCCAAGACCACAGAGGGGAGGGAGGGAAGAAGAAAAAGGAAAGCCGGC CCCGGGAGCAGGGACACGGGGGGTAAAGGGGGGAAGGGGGGCCAAGGAG GAGGGGGGGACAAAGGGGGGGAAGAAAGACCAAGAAAGGAAGCCAAGGG GGGACGGAAAGAGACGGAAAACCAAAGAAAACCGGCCAACCAACCGGAAT AAAAGCCAAGAAAGAAGGGCGGGGGGGGGGGTTAACCAAGGGGGGAGGG GGGGGGAGAAAAAGTTGAAGAGAAAAAGAGGGGGAGAAAAGGCAAAAAGG GGAAAACCGAAGAAGAAAGAGGACAGCAGAAAGAGAGGGAGGGGGAGACC A GAGGGAGGGCCGAGGGGGGAGCAAGACAAAAAGGAAGGGGAAAGGGGG GAA G GAA G GAAGGGGAAAAAGGGAGAAAAGATTGAAAAAGGGGAAATAGC CAGCAGAGGAGAACCGGAGAGAACCAGCACAAAAAGAAAGGAAAAGGGAG AAAGGGGAAGAAAAAAAGAAGGGAAGGGGGGCCGGGGAAAAAGAAGGGG G GAA $A$ AGACCGAGAGGGGAAAGGGAAGAAGGGCAGGAGAGGGAGAAAAA
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AGGCCAAGGCGCCAGGGAACCGGCCAAAAGGGGGGGGAAAAGGAGGGCC G G CCA $\operatorname{G}$ G GAGGAAGGGGGGAGGGGGAAGAGAGAGGAAAAGAAGGAGGGC AAGGGGAAAGGAAGGACAAGAAACCGGAAAAAAGAGGAAGGAAAAGGGGA ACAAAAAAAGGGAGAACATACAAGGGGAAAAGAGAAAAAGAGGGAGGGGC CGGAGCAACAAAAGGGAAAGGGAAGGGAAGGGAGAGGGGCAGAGGGGGG AAAACCAGAAGGCCAAAAAAGGAAGGGGAAGGAAGGGAAAAACCAAAGAA AAAACAGAAGGGGAAACCGGGGGACCGAAAGAGGAGGAGGGGCCGGGGA AAAGGGGAAAGAAGGAAGGAGGGGGGGGAAAGAAAAAGGCCGGAAAGGG AGGGGAAACCGGAAGAGAAAAGAAGGAAGGGGGGGAAGAGGGAGGGAAA AAATTAAGGAAAAAAAAGGGGGAGGAAGACAAGAGGGAGGACGAAAGAGA GCGAGAAAGGGAGGAGGAACCAAAAAAAAAGAAGGGGGATAAAAAAAGAA GGAGGGAACCCGACCGAGGAGGAGAGGCAGGGGAAGGAGAAAGAAGGAA GAAGGGGAGGAAAAAAGGAAGGGGGGAACCGGAAAAGGAAAAGGGGCCAA AAACAGAGAGACAGAAGAAAGGAGAAAAAAAGCCGGGGCAGAGGGGAACC AAAAGAGAAGAGAAAAACGAACAAGGGGCCAACCGGAGCCGGAGGGGGAA AGAGCCCCAAGGCAAAGGAAGGAAGGAAGGGGAAGGAGAGAGGAGGAAAA GACCAAGGGAGGGGGGCCGGGGGGGGCCAAGGAAAAAAGGAAGGGGAGG AAA $\ln \operatorname{GAG} \operatorname{GGCCAAGGGAAGAGGGAAAAGGGGAACACAGGAAAAGGGGAAG}$ G GAAGGAGAGGGGAAAAAAGAAAAAAAGATTGGAACAACACGAGGGAGAG AAAAAGGAAAAGGAAAAAAAGCGGGCCAAGAGAAGAAGACCCCGGGGCAG GGGCCGGAACAAGGGGGGGAAAAAGGGAAGAAAAACCGGGACAGGAGGAA AA $\operatorname{G}$ G G G A GAGGGGGGGGGGCCAAAGCCGAAAAAAA GAAGGGCCGGAGAC GGGACAGAAAAGGGAAAATTAACCACAAAACCAAAAAGGGAAAAAAATCCC CGAGGAAGGGACCTTGGGGAGAAGGAAAAGAAAAGGACCGAGGAAAAGGA AAAAAAAGAAAGGGAAAGGGGAAGGGGAAGGCCGGGGAAACGAAGAGAAA CACAACCGGAAGAAGAAAGAAGGGGAAAAGGGAGAGAGAACCCCCCCAGC CGGGAAGGAGACCAAGGGGGGGCGGCAGGAGGGGGGGAAAAGGAAGGGA ACGAAAACAGGGGACCAGCACAACAACCGAAGCCGGAAAAAAGGAAAAAC G G G GAAAACCAAAAAAAAAAAGGAGGAGAAAAGGGGCCAGGAAAGAGAGG GGAACCAGAAGGCCGAAGGGAGTTAGAGGAAGGACCGGGGAGAAAAGGAA AGAGCAGGCGACGAGAAGCAAGAAAAAAAAAAAAAAGAAAAACACCAAGG G GAAGGAGGGCAGGGGGAAAGAAAGAGGAGCCCAGAAGCCAAGGCCGGG G GACCAAGGAAAAAAGGGGAAAAAGGAAAGGAGGAGAGAGGAGCCGAAAG GAACAAGGGAAAAAGGGAAGAAAAGAAGAGAGAGGAACAGAGAGGAAAAG GCCCAGAGGGGAGACAAAAAAAAAAAAAACCACAAAAAAAAGGGGAGTAA AGGCCGGAGGAAAACGGGAGGAAGGAGGGCAGAGGGAAGAGAAAAGAGG AAAAGGGAGGAAAAAAAAGGGGAAGGAAAGGGGGAAAAGGGAAAGGGGG GAAGGAAAACCGGAAGGGGGGACGGAAGGGGAAATGAAAAAAAGGAACAG GGGAAAAGGGGAACAAGACAAGGCGGGAAGGGAGGGGCCAAGGACAGGA G G G G A A TAAGAGGAAGAGGAAAAAAGGGAAGACAATCAGAAGAGGAGGAG AAGGGAAGAAAAGGAAACGGGGGAACACAAAAGAAAAAAAAACCAAAAGA AA G G G GAAAAGGAAGGGACAAGGAAAAAAAACGGAAAAGGGGCGAAAAAA GAGGGGAAAAAGGGGGAAAAGGAAAGAGGGAAAGGGAACAAGCCAAAAAA GGGGAAGAATGGGGGAGGGGAAGGGAGAGAGGAAGAAGAGGAGGGGAAC CGGAAAAGAGGCCGGAGGGGAGAACACATAGAAAGGGAAAATTAAGGAGC AGGGGAAGGACGGGGGGGGCCGGAGAAAGCAAACCGGAAGAGAAACCGG AGGGACAGAGAAGAAACCAAGGGGAAGGCCAACCAGCCAGAGAAAGGAAA GGAGAAGAAAGGGGAAAAAGGAGAAAGAGGGGCAGAAGAAAAGGGGAGA GAAGGGACCAGAAAAGGAGGGCCGGAAGGGAGGAAGGAAGGGAAAGGAA G G G G A G G G GAGAGGACCCAGAAGGAAAACCAAAACCGGGAAGGGGGAAGA GGAGCCAAGGAAGGAACCAAAAAACCAAAAAAAAGGAACCCCGGGGAAAA AAAAAAAAAAGGAACCCCGGGGGGGGGGGGAAAAGGAAGGGGAAGGGGA AAAGGGGGGAAGGGGGGAAAAGGAAAAGGCCGGAAGGAACCGGAAAAGG G G G G G G G GAAAAAAAAAA G G G GAAAA G G G GAACCGGCCGGGGGGGGAAA AAAGGCCGGGGGGCCGGAACCAAAAAAAAAACCGGGGCCAAAAGGAAAAG GCCGGAACCGGAAGGGGAAGGCCAAAAAAGGCCGGGGGGAAGGGGGGGG G G A A A A G GAAGGGGAACCAAAAGGGGAAGGAAGGGGAAAAAAAAGGAAGG G G G G G G G GAAGGGGGGAACCCCAACCGGAAAGAAGGACGAAATAAAGGGA AAAAAAACGGGGAAGAAAGGCAGACACCAACCAAAAGGGAGGGGGGGAGA AGAGAAGACCACGGCCGGAGAAAGGAAGGGAGCCAGGGAGGAACCCCAAG GGAAAACAAAAAGGGACCACAAAAGGGAAAGGAACCGGGAGAAGAGGGAC

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GAAGGGAGGGAGAGAACACGAAAAAAGGGAAAAAGAAAACCCCAGAAGAA AA G G GAGGGAACCAAAGAAGAAAAAAAAGAAGGCCGGCCAAGGGGAGAAA AGGAACAAAAAAACAAGGAGGGGCAAAAAAAGGACGGAAAGGAGAGGGGG G G G G G A A G GAACCGGGGGAGACGAGAAAAGGGGAAGGAAAACCGGACAG ACGACCAAGGGAGAGGAGGCAAGGAAAAGGAAGAGGGGAAGGCCAATAAA G G AA GAAGGGACAAGGAAAAGAGGACAACCGGAGGGAACAAAGAAGAGAA AGGGGGAAAAAAAGGGAGAAGGGGGAAAAAGGGGGGAAAAGGGACACCAA TTGACCCCAACCAGAGGGCCGAGACAGGAAGGGGAAAGACAAGAGGAAGA GGAAGGCACCAGCCAGTTCCGGAAGGAGCCAAAAAACCGGGGAGGAGGAG CCAA GAGGGGCCGGAAAGGGGGAAGGCAGGAAGGGGAGCCAGAAGGAAG GCCAAAAGAAAAACCCCAAGGAAAGGGGAGAGCAAAACATAAGAGGGAAG AA $A$ AGGAGAGAAGGGAGGAGGGGGGGAAAGGGGAAAAAAAGGGGGGCCGG GGGCAGAGAGAAAAAGAAAAGGAGGGAAAGAGGAAAAGGGAAGGGGAGG GCAGGCCGGAGGACCCCAGGGGGAAGAGACAGGGGACAGGAGGAGGGAC GAACGGGGGAAAAAACGACCAAGGAGGGCAAGGGCAAGAGCCTTAAAAAA GGCCCCGAGAGGGGTAGAGGGACCAACAGAAGCCGGAGGGAAAAAAGAGG AAGGAACCGACCAAAAAAAAAGCAGGAAAAAGGAGAAGAAGGAAGGGGGG AA $\operatorname{l}$ GGGAAGGAAGAAAGGGGGGAAGGGGGAGAAAAGGGAAGAACAGGGA A GAGGGGGAACGGAAGAAAAAAAGACCAAAAAAGGGGAGGAACGACAAGA G GAGAGAAGCAGAGGGGTTAACCAGAGACAAAAGAGGAAGGAATTGGGGA AAAAGGACAAGGAAAGGGGAAAAAACCGGAAGGAAGGCCACGAGAGAAGA AAAGGGGAAGAAGGAAAGAAAGGGGCAAGCCGGAAAAAAGGGGAAGAGGA AA A GGGAGAGGCCGGAGGGGGCAGAGAAAAAAAACAAAAGGGGGGGAGG GGAAGGAGGAGAGAGGGGAAAAGGGAAGAGGGAGGAAAGGCCTTGGAAG GAACCAAAAAAAAGGAAAAGAGGAGCCAGGAAGGGAAAAGGGGAAAAGGA GGGGAAAGGAAGGCCGGGGCCAACCGGAAAAAAAAAGCCGAAGCCGGCCG GGGTTGGAAAAGGCCGGGGGGGGAAGGCAGGGGAGGGCCAACCGGCCGG CGGGGGAAGGGGAAAAGAGGGAGGGAGGAGCAGGAAGAGGGAGGGGAGA ACCAAGGGAAAAGAAGGCCAAAAAAGGAAGGAAAAAAAAGGAAGGGGAGA AAAGGAACCGGGGAGGGCCGGGAGGAGGAAGAACCGGAGGGGAGGGAAG CAAAAAAGAAAGAGGGGGAACCAGAAGGAAGGAAAAGGAAGAGGAACCAG ACGGGGAGGGACGGGGCCAGGGGAGAACAAAGAAAAAGAAGGGGAAAAAG AGGAAACCAGAGGGAACAAAAACCGGAGGGCCAAGGGGCCGGAACCGAGG GAAAAAGAAACCAGAAAGGGCCCCGGCAACCCAAAAGGGGAGAGAAAGAA ACGAGAGAGGAAAGGGAGCCAGCCGGAGGGCCGGGAGGAGGGGGAGGGA GGAAACCAAAGAACGCCGAGGGGGGGAAAGGCCAGGGGACGCACCAAGGA AA G G G G GCCGGAAGGGGGGAAGGAGAGAGAAAAGGGGAAAAAAAGGAGG CACAAGAAAAAGAAAGGAGGGAGGGGGGAAGACCAGAGTAGAAAAGAAGA GAA G G G GAGAAAGGCCAAGGGGAAGGAGAGGGGGGGGAGACCAAAAGGA GAGGAGGACCCGGAGCAAGCAAAGGCGGAAAAAGGGGAAAGAGAGAAAAA
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 G GAAGAGAAAAAAAGCAAAACCGGGAGGGGGGAAGGACAGGGGGAACCGG GACCAACCAAAAGGAACCGGGGAAGGGGGGGGGGGGGGGGGGGGAAGGA AAACCGGAAGGGGAAGGGGGGGGCCAAGGCCGGCCGGAAAAAAGGGGGG CCGGAAAAAACCGGGGGGAAGGGGAACCAAAAAAAAGGAAGGGGAAGGGG G GAA G G G G G GCCGGGAAGAACCAAGGGGAACAAGAGAGCCGGAAGAAGCC G GCCGGGGGGGGAAGGGGGGAAACGGGGGGGGGGGGGGAAAAAAGATTG ACCGGAAGGAAGGGAGGCCGGAAGGAGGGGGGAGAGGAAAAGGCCAACA G G G G G G A G G G G G A A A GAA G GAAAAAAAACGGGAGACAGAAGGGGCAGGG GAAAGACAGCAGGGAAGGAACGAGGAAAAAAAAAGCCAGGAGGCCAGGGG GAAAAGAGGAAAAAAGGGGGGGGAAACAGAAGAAGAACAGGGGAAGGGGA AACGAAGAAGAGGGGAAAGAAGAGGGGGGAGAGGAGAAAGGAAAACCGGA AGGAAGGGGAAAAAAAAAAGGGGGGAAGGAAAAAAGGGGAGGGGGGGAC CAGGAAGGAACCACAAGGAAGGGGGGGGGAGGAAAAAAGGTTAGAAAGAA G G G GCCAGGGGGCCAGGAGAGGCCAAGGAGGGAGGGGAGAAAACCCGGG GGGGGAAAACCAAGAGGAAGGAAAGAAGGAAAGAGGAAAAGCCGGGAGAG ACCACGAGAGAACAGCCAGCAAGGAAGGAGAGGAAAAAAGGAGGGGGACG AA G GAAGAAGGGGGGGGGGGAACGAAGACAGGGAGACGGAACCGGGGAA G G A G G GCCGGGGGGGAGGACGGAGGGGGAAAAAAAAAGGGAGAACAAAG GGGGATTAGGAGAGGAAGGGGCCAAAAAAAAAAGGGGGGGGAAAAGAGG GGGGAGGGAAGACAAGGAGACAAGGGCCAGCCAAAGGGAAGGCCAAAAAA G GAAGGGAAAAAAAGACCGAGCAACCAAAGGGGGAAAACCGGGGGGTAAA AAGAAAGGAACCGGAAAAAAGGCCGGGGAACCAAGGAAAAGGAAAAGGCC AA G GCCAAGGAAGGCCGGCCAAGGGGGGGGAAAAAAAAGGAAAAAAGGAA AAAAAAAAGGGGAAAAAAAAGGGGCCCAAGGAAAGGGGGGGGAACAGGGA CCAGGGAAGGCCGGAACCGAGGAGAAGGAAGGAGGAGGAAGGGAGGGAG A G G G G G G AA GAAAAAAAAAAAGGGAAGACAAGAGAGGAAAAGAAGAAAAA AA $\operatorname{G} G \mathrm{G} A \mathrm{GAA} \operatorname{A}$ GCAAAAAAGGAGAGGAACGAGAAAAGGGAGAAAAAAGAGG A G AC GAA $\operatorname{l}$ GGGGGGGGGAAGGAAGGGGCCGAGAAGAAAACCAACAAGCAA AA $\operatorname{l}$ GAGGAGGGGGAGAACAGAAGGGAAAAGAGGAAAAAAGGAAAGAGGG G G G G G G A G G AAA G G G G G G G GCCCCGAGAACAGACCAAAGAAAGAGGAGG GAGACGAAGAAGGGGAGGGAAAGGGGAGGAAAGAAAAGGGGACCCAGAG AAAAAGGGAAAGAGGGCCAAGGGGAAAAGGGGGGAACCGGAGGGGGAGA AGGCCGGAAGAGAAAAAAAGGAGGAGCAGGGCAGGGAGACAGGGGAAAGA GAGAAAGGAAACCAAAAAAGGGGGGGGTAGAGGGGAAAAGGGGGAAAAAG GAAGGGGAGGAAGGAAGGAAGGAGAACGACCGGGGGAAGACAGGAGAAG GAAAGGGGAAAAGAAGGGAAAACCAAGGGGAAAAGGGGAAAAGGGGAACC AA $\operatorname{A} G \mathrm{G} G \mathrm{G}$ GAGGGGAAGGGAAGGAGGGAAAAGGCCAAGAGGGGAGACAGG

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G GAAACGGAAAGAGGGGGAAGAATCCAAGGGAGACAAAGAGAAAGGGGAA AAAACCAAGGGGAACAGACCGGGGGGAAGAGGGGGACCGACCGGGGGGG G G G G G G GAAAACCCCAAGGAAGGAAGGAAGGGGGGGGAAGGAAGGAAGG G GCCAAGGAAGGGGGGGGCCAAGGGGAAAGCCAAAACGAAAAACGAGACC A G G G G G GAGACCGAGAGAACACAGCAACCAGGGGAGAGGGGAGAGAAGG A GAA $\operatorname{la}$ A $\operatorname{A}$ GCCGGAACAGGAAGGAAACAGCCAGGGGGAGAGAAGGAAAAA A G GAAAAAAGGGGAAAAAGAAGGGGGGAAAAAACAGAGAGAAGGAAAAAA AAAAAAAGACCGGGGAGAGGAGAAGAGAGGAAGAAGAGGGGCGCAGGCCA GAAAGAAAGAGAGACACAGGAAAGGGGAACCGGAAAGCCAAGGGAAAAAG GAAGGGGAAAAGGGGGGAAAAAAGGAAAACCAAGGGGCCGGGGGGCCCC GGAAACGAAAAAAAAAAAGGCCAAGGAAGGGGAAAAAAGAGGGAGGCCAA AGGGGGAAAAAAGGAGGGGGGAAAAAGGCAGAAAAGAAAAGGAAAGCAGA GGAAGGAGAAAAGGGGACGAGGAACAGGAACCCCCCTTCCACCCGAGAGA AAAGCAGAAGGAGGGGACAAGGGGCAGGAAAAGGAGGAGCGAGGGGAGA AGGCCAAGGAAAGCAGAAGAAGGGGCCAAAAAAAAGGAAAAAAGGAAGAT TAAAGGGGGAAGAGAGGAGAAGGAAAAAGGAAAAAGGGGCCAAGAGGAAC CAGGGAAAAGGGAAAGGGGAGGAGAAAAAAAAGAAAAGGAGGGACGGGG G GAAGGGGACAGGGAAAGAAGGAACCGACCAAGGGGGGCAAGGAAGGGA AAAGGAAAGCCAGGGGGACCAAGAAGGGAGGAGCAAGGCAGAAAGAGAGA ACCGGAGAGAAGGAACCAAAAAGACAGAGGGAAGGAGGGGGGGCAAGTTA GAAAAAAAAGAGGAAGAAGAGGAACAGGGGGAACAGAGGGGGGCCGGGG AA G GAGACGGAGGAAAGACAAAGGAGAGAAGGTAAAGAAGAAAAGAAAAA ACGGAGGAGAGAAGGGAAAAGGAAGGGAAGAAGAGGGGACAAGGGGGGA AAGAACAGGAAGGCCAACGAAAGAGGGGGAAGGGGCCAAAAAAGGAAAAA AAAAAGGGGAAAAAAAAAGGGGGAGAGAGGGGGGGGGAGGGAGGGGGAA AAAAAAGGAACCGAGGGGAAGCAGAGAGGCGGAAAAAAGGAAGGAAAAAC AAGGGAGATTAAAAACACAGAGGGAGGAAGACCCGAGAAACCAAGGTTGG G G G A GAGGAAAAGGGGGGAAGGAACCAAAGGGAGGGGGGGGGAAGGATC CGGGGGGAGAAAAAAGGCCGGAAAGAAGGAGGAGGGGCCAAAAAAGGGG GGGGAAGGAGGGAAGGAAAAAAAAGAAGAAAGGGAGGGGAGGGGGGGGA GGAGGAGATACAGGGAAGGAAGGAAAAAGAAGGGGGGGGAGGACCAGAA CCGGCAAAAAGGAAAAAGAAGGACCAGAGGAACCCCAACATTCCGACCGG G G A A G G G G AAAAGGGGGGAAAAAAAAAAGGGGGGGGCCGAAAAAAGGAAA CCAACAGGGGAAGAAAAAAAGGAAAAGAAAAGAGAGGGAAAAAAACGGAC AATTAAAAAAAAGCAAGAGGCGGGGAAGGAGAAAAACCAAACGAAACCGA AA GAACAGGACACCAAGAGGGGAGAACAAAAAGGAACAAAAAAGGGGAGA GAGGAAGGAAAAGGACAAGGGGCCAAGGAAGAAGGGGCAAAGGGAAAGG G G G GAA $\ln$ GGGGCCGGAAAAGAGGGGGGGGGAGGGAAGAGACAAGAGGGG AAACAAGGGGAAGGAGCCAAGGAAGGAAAAACGGAGGGAAAAAGAGAAGA GGGGAAAAAGACAGGGGAAAGGCCGGAAGGAAAAAAAAGGGGAGAAATAC GAAGGAAAGATTAAAAGGAACCCCGGAAAAAGGGAAAGAGAGCAGGGGAA GGAAAAAAAAGGGGCCAAGGGGCCAAAACCGAAAGGAGAAAGCCAAAAGG ACAGCCGGAAAAGGCCGAAACCAAAAAAAAGAGAAAGGCCAAGCGGCCCA CCCCCCGGAAGGACGGGGAGGGAGAAAAACCCAAAAAGAGGGCCGAAAAA AGAGAAGGAACCGACCGGAAAAGGGGCCCAGGGGGGGGGAGGCCAGAAG AA $\operatorname{A} A \mathrm{GAA} \mathrm{A}$ GCCGGAGGGAGACAACCGGGGAAAAAGAAGGAGAGGGTTAGA AAAGGAAGGGGAGCCAGGGGAGGGCAGAGAGGGAAGGGGCCCCAAGGAA GGGAAGACAGCCAGGGAAGGAACAGGAAGAAAGGGGGAAAAAAGAAGGGG G G ACAGAGGGAAGGGGGGAGGAAGGAGGAACCGGGGCAAAAAAGAAAGC A G AA $\ln$ CAAAGGCAGAAAGGGCGGGGAGGAAAGGAGGGAAGAGGGGGGAC AGGAAGCCCCGGCCACGGAGGGCCGGGGCAGGAAGAACAAAAGGGGGGAA
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G G A A G G G A A GAAGGGGCCAAGGCCAAGGGGGGGAAACCAAAAAGGGGGG A G GA G GAAACGAACCGGAGGAAGGGGGAGGGGGCCGGAGAGAAGGAACC GAGAAAGGGGAGAGGGAAGGGGCCGGAAGAAGCCAAGGACGGAGGGGGA
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 G G G G G G A A A A A A G G G GAAAA G G G G G GAAGGGGAAAACCAAGGGGAAGGG GAAGGGGGGAAAAGGAAAACCAAGGAAAAGGGGAAGGGGAAAAAAGGAGG GAAGGACCCGGAAAGGGCAGAAAGGAAGGCCGGGGCCCCCACCAAGGCAG GGAAACCCCGGAAAAAAAAGAGGGGAAGGAGGGGAGGAACCAGGCCCAAG GGGAAAAAAGGGAGAGGAGGGGGAGAAAAGGGATTAGACGAGAGGCAAG AACAAAGGAGCCGGAAAGCCAAAGAGAAGGACCCGAACAGGGGGAAAGGA AACCCCGGAATTGGAAGAGGGGGGAGCCGGGAGGGGAAAACCAAAAGAAC G G GAAAACGAAGAGAAGGAAGAAACCGGAACCAAAAAAAAGAGGGGAAAG G G G GAAA G G GAGAAGAAGGGCCCCAAAAGGGAGGAACCGACGCAGAGGG G G G A A A G A G G G A GAACCGGAAAAGGAGAGGAGACCGAGGGGACCATAGAG G G G GACAAAAGAGGAAGAAAGAAGAGGAAGGGGAGAGGAGAGAGGAAGG AA $\operatorname{G} \operatorname{GGA} \mathrm{G}$ GAAGGGGGGGGAGAGACGGGGAAAGAGAGTAGAAAAAACGGG GAAGGAAGGAACCCCGGGAGGAAAAGGAGGGAGAGGGAAAAGGGGGACA AA $\operatorname{l}$ GGGGACCGGAAAGCAAAGGAAGGAAAGGACAAAGGAGGGGGGGGGA GAA G G G GAGGGCCGAGGAAGGGGGGGAAAAAGAACAACCGAGAAAGGGG GAAGAGAAAAGAAGACGGGGGAAGGGAGGGGGGGGAGAAAAAAAAAGGA AAAAACCAGGAGAGGGGAGCCGGAAGGGGAAAAGGTTAACCGGGGACAAA GCCGGGGAAAAAAAAAAGGAAGGGGGGAAAAAGGGGGGGCCGGCCGAAG GAGGGGAACAGAGGCAAAAAGGAGCCAAAAGGGGGGGAGGAAAAGGAAG GGGAGCCGAAAAAAGGAAAGGAAAGAAAGAAGGAAGGGGGGAGAGGGAA GAAGGAAGGGGGAAAAAAGGAAGACCCCAAAACCGGAAGGCCCCAGAAAA AACCAAGGGAAAAAGGGGGGACAAAAGGGGGGGAGGCCCAGAAAGAACGG AACAAGCCGGAGAAAAGACCGGGGAAAGCCGGAAAAGGAAGGAAAAGGAC AAAGAGGGGGAAGGAGAGAGCAGGGAGGAAAGAGAAGAGGAAAAAGGGG AGGAAAAAGATAAAAAGAGCCGGGGAGAAAAGGGGAACAGGGGGAAACCG A G A A G G G GAAACAGGGAAACAGGATAGGGGAGGAGAAAGCACAAAGGCCG GCCCAAAGGGAAGGGAAGAAGGGAGCAAAAAAAAGGGAAAAGAAGAAGGG GACAGGACAGGAAGGAGAAAAAAAGGGAAAGTTAGAGGGAGGGAAGAAGC CCAGGAAGAAAGGGGAAAAAGAAGGAGAAGGGGGAAAAAAAAAAAGGAAG AAACAAAGGGGGGGAAGAAAACAGAAACCAAGGGGAAGAAAGCGGAAGGG GAAAAAGAAGGGGCCAAGGGGGGAAAAAAAAAAGGAAAAGGAAGAAAAGC CGGGAGGAAAAGGGGACAGAGGGAAAAGGAGGAAGGGCAAAGGGGGAAG ACAACCGGCCGGAGGAAAGGGACCAAGGGGGGGGTTGAGGCAGGCAGAAA CCAAGGGGGGAGGAGGAAAACCGGGGGGAAGGGAAGGAAAAACCAAAAGG CAGGAAGGAGGGAGCAGAGAGGAACAAAAAGAGCGGGGGGACCCAGAGG GGGCCGGGGAAGGAAGGGGAAGGAAAAAAACGGACAGGACCAGGGAGAAA AA G G GCCAAAGAAAGGGGGAAAAAAAAGAAGCCGGGGGGCCAGAGGGCCA GCAGGAAGAAGGACCGGAAAAGGGGGGAAGAAGAGAGAGGGGCGGGGGA G G G GAGAGAAGGAGAAAAGAAAGGAAGCGAGGAAAAAAGGAGGGAAAAAA
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$22011000-9$ GAGGGGCCGGAGAGAGAAGGGGGAAAAAGGGGCAAAAAAAGC CCCCGAGGAGAAAAAGGAAGGGGGCCGGAAGGAACCAAAAGGGGAAGAGG GACCGGGGAAGGCCGGGGCCGGGGAAAGCCAAAGGGGGAAGGAAGGGGA GGGCCGGGGAAGGGAGGAACAGAGAGAAGGAGGCCGGGGCCGGGGGAGA GAAAGGGGAAAACCAAACAGCCCAGGGAAAGGGGGAGAGGGGGGACAGAC AGGAAGAGGAGGAGGGAGGGGGGGGGAAGGGGGCGAATAGAAGGAAGGG GGGGGAAACAGGACAAAAAAACCAGAGGGCAGGAAAAAAAAGAAAGGAGG GGGGGAGGAGGAAGGAAAGCCGGGGAGAGGGCAGAAGGACCGAGAGAGA AAAGAAGGAACCAAGCAGGGGAGGGAGGAACCGGCAAACCAGAGAAGGAG TAGGAAGAAATTGAAGAAAGGGAAGGAACCGAGGAAAAAAAATTCCGGGG CCAAGGAAAAGGAAGGAAGGAAGGAAAAGGGAAAAGAGCAGACCAGAAAA AGGAAGAAAAGGAGGGCAAAAGGGACGGGGAGGAAAAAGGAAAAAAACGA AAAGACGGCAGGGGGGCAAGGAAAAAGGAGAGGGAGGAGAAAGAAACCAA AA $\operatorname{l}$ GGGGGGGACGGAAGGAAGAGAAGGGAGGAAAGGGAGAGGAGAGGAC CCAGGCAAAGAAGGACAGAGGAGAGAGCACCCCGGAGGGGGGGGGGGGG AAAAAAAAGGAAAAGAGAAAGGAAGGGGCCAAGGGGGGGGCCGGTTGGG GAAGGGGAAAACCGGGGAACCAAAAGGAACATAAGCCAAAAGGGGGGCCA AGAAGGAGAACACGAAGAAGGGACCGGGGAAGGGGCCAGACAAAGCCGGA ACCAAGGAAAAAGAAAAAGAAAACCGGAACCAGCAGGGGAAGGGGCGAAG AGGGGAAGGGAAAAGAGAAGACCAAGGAAAAAAGGAGCCCAAAGGAAACG GGATAACAGGAGGAAGCGAGAGAGGGGAAGGGGGGACGGGGAAGGAAGG AAAAGACCGAAGAAGGATAAGAAGGGAGCAAAACAAAAAAAAACGAGAGG AAGGGAAGGAAACCGGGAAAAGGGCCAGAAAACCAAAGGAGGGGAAAGGG AACCGAGAAAAACCGGCCAGGGAAGGAAGGGGAAGGGGGGGGAAAGAGAA CCAGAAACCCGGGGGAGAAGGAAGCAAACCGCCACAAAAAAGAAGGGAGG AACCAAAAAAAAGGGGAACCAAAAGGAAGGAAGGAAGGGGGGAAAAGGGG GGGGGGGGAAGGGGGGAAAACCAAGGAAAAAAAGGGGGAAAAGGCCAAG GAGAAGGAACCGGAAGGGGAAAACCGGGGGGCCAAAAGGAAGAAAGGGGA AGGGGAAGGGGCAAGAGAGCCATGGAAAAAAAAGACAAAAGGGAAAAAAG AGAGGGGAAAGAAAAGGTAGGGGAGGAAAAAGAGAAGACGAAGGGAGCAG GAACCAGAAAAGGCCGGGGGGAAGGGGCCAGCCAAGGGGCCGGGGAAGG AAGGCCGGAAGGAAGACCCCAACAAAGAAGGGGAGGGAAAGGAAAGGGGG GACAGGAGGGGGATAAGGGGGGGAGGGGGAGGAAAAAGAAAACCAAGGA ATAAAGGAAGGGGAGAGAAGGAGAGGGCAGGGGGAGGGGAGAGGGGGAA GGAAAAAAGGCAAAAAGGAAAAGGGGGGGGAAAGAGAAGGGGAAGGGGG GACAGAGGGGAAGGAGAAAAAAACCCCGGGAGGAGAGCCGGGGCCGAAAA AA $\operatorname{l}$ GGAGGGGGAAAGGGCAGGCCCAAGAAGGAACCAAGGGGAGGGCCGA AAGGAGGGGAAAAAACAGAGGGGGAAGAAGGAAACCAAGGGGCCCCAAAA AAGAAAAAAGATAAGAAGAGCCGGGGAACCAAAAGAGGCCAGAAAAGGGA GGGGGGGGAAAAGGGGAACACCGGGGAAGAAACCAGGGAGGGGGCGAGA AAAGGAGAAAAAAGGACAACCGAACAAAAAAAAAAAAAAAGGCGAGAGAA GAGGAGGGACAAAACAAAAAGAAGGAAAAGGAGGGAGCCGAGGGGGGAGA AGGAAGGACGCAAGGAGGAGAGGAACCGGAAAGAAACGGAAGGCAAAACG GGGGGAGGGCAGGCCAAGGAAGAAGGAAAGAGAAAAAGGAAAACCGGGAA GAAGAAACAAAACAACCAGGGGGCCAAAAAAGGCCAAGGGGAAGGAAGAG

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CAGATTAGGAATAAAAGGAAAACAGGGAGGGGGGGAGGGGAAGGGGGAA GGACAAGAGGGCCGGGGGGGAAAGGGGGGCGCCCCAAGGAGGAAAGGAA GGAGGAACGAGGCCGGGGAACCGAAGAAGGAAAAGGAAGGGGAAAAGGG CCAAAAAAAAAGAGAAGAGGGAACAAGAAGGAAGGGGGAGAAACCAGAAC CGGAGGGAGGAAAAAGGGGAGAAAAGAGGAGGGGAGAAGAAAAGAGGGG AAGGCCAGCCAGAGACAGAGCCAGAGAAGGAAGGAAGGAAGGGGAGCCGG GGGGAAGGAAGGGAAGGAGAAAAAAAGGCCAACCACGGGAAGGAGGAGAA CCAAGGGGTTAAGGGGGGGGGGAAAAAAGGGGGGGAGGAAGGCAGAGGG GGACCAGAAGAGAGGAGCAAGAAGGGGACGGGACCGAAGGAGAGAGAACG AGAACACAAGGAAGGCCGGGGGGAAGGGGAAAAGGGGGGGGAAGGGGAG AGGGCCGGAGGGGAAGAGGGCCAGGAGAGAAGAAAAAAGGGAAAAAAGAG CAAAGAAGGGCCGGAAAAGGAGGGGGGGAAGGAAAGCAGAGAGGGGGGC CGAAGGGAAAGAACCGGAAAGAAAAAAGGGAGACAAAGGGGAGAAAGAAA AAAGGAAAACCGGGGAAACAGAGATAAGGAAAGAAGAGGGGGGCAAGGGG GAAGGAAAAAAGGCCACAACCGAGGAACCCACAAGAACCCCGACCGGGAG GGGGGGGGGGGAGAGAAAGCAAAAAAAGGAAGAAGGAAGGAAGGAGCGG AGAAGGGGGGGGAGGGCGGAAGCCAGAAGAGAAGGAAAGGGAGGAAAAG GGGAAAAGGAAAAGGAGGGAAGGCCAAAAACGAAAGGAAAAAAACAAGGG AGGGGAAGGGGGGGGGGACAAGGAAGCAAGGGGGAGGGGGAGAAAAATA AGGGGGGGAAAGAAGGCCAAGGCCCCGGGGAAGGGAGAGGGACAGAGGC ACCAAAAAAGGGGCAGAGAAGGGAGAGGGAAAGGAAAAAAAGGCCCAGGA GAAGGAAGGAAAGAGGGGGGGACGGAAGAAGAGAGAGAAGGAGAAACAT GGACCCGGGACCAACAGACAAGAAGAAAGGAAAGAAGAGGAGGAGAGGGG AGAGAAAAGGGGCCGGCGAAAGCCAAACAGAGGGAGGGAAAGAAAGAGCC GGGGAAAAAAAGGGAGGGGGGGAAGGAGAGTTGAAGAAGGGGGAGGAAA ACCAAAAAAGAAGAAAGAAAAAAGAGGCCCCCCGGAAGGAAAAAGGAAGC CGGGGAAATAGGGGAACAGGAAGCCACGAAAGGAAAAAAGGGGAAAAAAA AAAAAAAAAGGGAAGGAAATAAAGAGAAAGGAAACGGAGCCGAACAAAAA ACCAAGGGGCCAAGGAGGAAAAGCAAAGGGAGGAAAGCCAAGAGAAGAGC ACCCCAGCCCCCCAGCAGGAAAAAAGGTTGAGGGGCCGGAAGAGGAAGAG AAAGGGGGACAGAAAAAGGAAAAGGTTGGGGGAAGACAAAGAGAAGAGGA AGAGGAAGGAAGAAAAAAAGGAGAGCCAGGGAAAAAGGGAGAACAAAAAA AAGAGAGAAAAACCCGGAAAGCGAAGAAAGAGGAGGAAAGAAAAAAACAG GAAAAAAAAAAAAAAAAAAAAGAAAAAAAGGGAGAGAAAAGAGGGGGGAA GAAGGCCGAGGGGGGAAGGACAGAAGGAACCCCGGGGAAGGAAAACAAAG GAACCGGGGGGAGAGATGGCCAGAGGAGGAAAGAAGAAAGGGGAAAAAAG AAAAAGGCCCCGGAAGGAGCCAGGAAGCCGGAAAAAGGGAAAAGGCAGGC CAAAGAAAGAGAAGAAGGGAAGAAAGGAAGGGGAAGGGACCGGGGGGAAC CCAGGAGGGAAAGACGAGGACGAAAAAAAGGAACCAAGGGGCCGGGGGGA GGAGGGGAGGAGGAAAAGGGGCCGGGAGGGGGGAAAAGGAAGGAAAAAA AGAGAAGAAGGGAGAAAAGAGGGGAAGGAGGGAAAAAAAAGGAAGGGGG GAAGGGGGGGGGGGGAAGGAAGGAAGGAAAAGGAAAAAAGGGGCCAACC GGCCGGAAAAAAAAGGAAAAAGGGATAAGGACGAGAGAAAAAAGACAAGG AAAAGAAGCAGAGGGGGGCCAAGGACTTCCAGGAAGGGAACAGAGGACAG GGAAAAGGGAAGAAAAAGAAGGGGATGGGGCAGGGGAAGGCAACAGAAAA CCGGGAGGGGGGAAAGGGAGACATAAAAGGAACCGGAAAAGGAGAGCAGA AGAGGGAACAAAAGCGGGGGAAAAAAGAAGGACAACGAAGAAGGGGAAAG ACCACCAAGGGGGGGGGGAGCCAGGGGGGAAAGAGGAGGGAGAAGAACG AGACCAAACGGAAGGAAAAGGAAGGCCGGAAGAAGCAAAGGAAGAGGCCG GAGAAGGAGTAGGAAGAAGGACCGAAGAAAAGGGGAAGGAGAAAGAAGGG GAAAGCCAAGGGGAGAAAACCAGAGAAGAGACAAATACCGGGGAAGGATC AACACAAGGGGCCAAGAAGGGAGGGAAAAGGTAAAGAAGAAAGGGAGGAC AAGAAGGAAAAAACCGGCACAAGGAAAAAGGAAGGAGAACAGGGGAGGGA GGGAAAAGAGGAAAGCAGGGAGAAGGGGGAAGAGGAAGGAAAAGGGGGG GGAGGAAGGAAGAGAAAAAAGGAAAAAAGGAGAGAAAAAAAGAGGGAGGG GGAAAAAAAGGAAGAGGGGGAATTGGGAATGGAGGGAAGGCAGAAAAAGA AGCCAATAGGAGCCAAAAAGCAACGGAAAAATGAAAGGAAAAAAAGAAGA AGGGAAGGGGGAGAAGGGAACGGGAAACGGGGCCAGTAACGGGACAAGG GGGAAAAAAGAGGAAACGAAAGACCAAGAGAACGAAGGGGGAGAGAACCG GAAGAAAAGGGCAAAGAAAAAAGGGGGGGAGCCGGGGGGCGGAGAAGGA CCAAGGGGAGGGGGAAAAGAGGGAAAGGGAAAGGGGGAAGAAGGAAGGA

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G G G GAAACCGAAGAGGGGAGGACAGAGGAGGGGGGACAGGGCCAAGGGG GGAAAACCAAGGCCACACCACAAACACCAAAAAGAAAAGAGAGGGGAAAA G G G GCCAGAGGACCAGAGAGGAGGAAAGAGGGAGACGGGACCGGGAAGG ACCACAGAAGGAAGGGACCAACCCAGGGAAAGGGAGGAGGAGGGAAGCCG GAACAAGGGAAAAAACAAAGGACGGCCAGAAGGAAGGAAAAGGCCGACCG G G G G G AAAAGGAACAGGACGGAAGACCGGGGGGGAAAAAGGAAAAAAAAG GGGAGCCGGAAGAGACAGGAGAAGGGGGAGGAAGGAGCCGAAAGAGGAG GGGAAAGGACGGAAAGGAGAGGAAGGGAAAAGAAAAGAGGGGGGGGGGG GAAAAGGGGAAGAACGAAAAAGGGGCCGGCCCCGGAAACGGAGATGGGAG GCAGAGAAGGAGGGGCCAGCCAAAGGGGAAGAAGGAAGGAGAAAGAGAGA AAAGAGGCCAACAAAAGAAGAGGGGGGGGAGGGGGGGGGGGGGGGAAAG G G G G G G A A GAGGGGGGAGGGGGGGGGAAAGGAGGAAGAGGGAAGGGGGG AAGAGAGGAAAGGAAGAAGGAGGCCGGAACCGGCAGGGGGAAAAAAGAGG AAAAAAAGAGAGAGGGGCAGACCCCAGGGAGAGGGGGAAGGGAAACCAGG GGGGGAACCCCGAAGGGAGAGGGCAGGAGCCAGAGAGGGAAGGCCGAGA AGAGACGAAGGAGAGAGGAAAAGGAGAGAAGGGGAAAAGGGAAAGGAACC G G G GAAAGAGCAAGCCAAAAAGAAGGGAAGAGGAGAAACAGGGAAAGAGG A G G A G ACCGGGGGGAAGAAAAGCAGAAACCGAGGAGAGCAAGGGGGAGG AAAGAGAGAAGAACCGGAAGGAAGGACAGGACCCAAGAAGGAAGGCCGAG A GA $\operatorname{l}$ GGGAAGGGGGGAAAAGGGGGAGAACGAGAAAAAGGAAGGGGCCGG G GAAGGCCCAAGGACAGGACGGGGCCGAGAGAGGGGGAAAGGAACCGGA AAAGGAAAAAGGGGGGGCCAAGAGGAACAGAGGAAGAGGAAAGGGGAAGA GAGGGGACAGAAGGAGGGGGCGGGGAAAAGGGGAAAGGGGGCAAGGGAA AA G G G GAGAGAAAAGGGGGGAAGGGAAAAAAAAAAAAGGAGGAAAAGGAA AGGGAGCACGGGGGAAATAGGAAGAGAAGGCCACGGGGAAGATTAACAAA ATAGCAGGGAAACCAAGAAAAGAAGAGGAAGGAGCAGGCCGGGGAGAAGG AGGGAAGGAAAACCGACCGGCAGGAAGGAAAAGGAGAAAACCAAAGGGAG AACACCCAGGTACCAAAAAGAAGGGGGGCCAACCGGGGAAGGGGGACAAA AAAAAAGGGGGGAAAAGGAAGGGAGGGGCGCCAACGATGAAAGAGGGGG AAGGGAAGGAAGGAACCAAAAGGCCGAAAAAAAAGGAAGGGAAGGACAGG AGGAAGGAAAAAAAGCGCCAGAAGGAAAAGGAAAACCAAAGAGGGGGAGT TAAAGAGGAAAAAACAACAAGGAAAAACGGACCAAGGGAAAAGAGCCAAG AGGGGGAAGGGAAAGGAGGGGAGAGAAAAGGAAACAAGAAGAGAAGGATA CAAAGGGAAAAGAGGGAGGAAGGGGGGAAGGAGAGAAAGAGCCAGAAAAG GCAGGGGAACCAAGGGGAAGGAAAAGGGAGAAACCTTGAGAGGACAAAAG G G ACCGGGAAGGAAGGAGGGAAAAACAAGGGAGGACCAGGGGGAAGGAA G G G G G G G GAA G G GAGGGAAAAGGGGAGGCCCAAGGAAAGAAGGGGGCAA
 A GAGGGAGAAGGAGAGGGAGGGGGGAAAGGCCAAGGAAAGAAAGGAACG ACAAGCAGGGAAAACCAAAAGGGGGGGAGTAAAGAGGAAAGAGAGGAGGG GAACCAGAGAGGGAGAGAGGGGGAAAGGAGGAGCCAAAGGGGGACGGGG AA $\operatorname{G}$ GAGGGCCAGGAGAGAGGAGGGAAGGAAAAGGAAGGAAGGACAAGGA AACAAACGGGGAAGAAGAAAACCAACCAACCGGAGAGAAGAAAAAAAGGG GAAACAAGAGAAGAGGAAGGGAAAAAAGGACAGGGCCGGAAAAGGGGCCA A G G ACGGAAGGGGGGCAGGGGGAACGAAAAGGGAGGAAACCGAGGAAAA GGGGAGGGAAGGAACCGGAAAAGGCCGGAACCGGGGGAAGGGGGGGAGA GGGAAGAAGGAGGAAGGAAAAAAGGGGAGGAGGGGGGAAGGGGCCAACC GGAAAAAAGAGGTTGGAAAAAGGGGGAAATCCCCAAGAGGACAGAGAAGG AAAAGGAAGGCCAACCCAGAGGAGAGAAGGAGGAAAAACCAAAAAAAAAA G G G GAGAAAAGGAAGGGGGAAGGGAGAAAAAAGGGGGAGGACGGCCGGG GAAAGAGGAGGAGAGAGAATTCCGAAAGGAAAGGGGAGGAGAGGGAAACG A G G A GAGGGGGAAGAAAAGAGAAAGAGCACCGGGGAACCCCGGAAAAAAA AACGAGGAAGGGAGGAAAACGGGCCGGAGGAGGCCCAACAAGGAACAAGA AA GCCAAGGAGAGACAAAGGGAGGAGAAAAAGGCCGGGGAAAAAACCAAA C G G G G C CAA $\operatorname{A}$ GAGAGGAAGGGGGAGGAGAGAGGGGGGGGGGAAAAGGGG G GAGAAAGGGGAAAAGGGGGCCGGGGGGGGAGAGGGGGAAGGCAAGAGG AGGCCAAGGAAGAAGAGGGAAGGCCGGAAGGGAGAGGGAGAAGAAGGGG AAAGGGGAGAAAAAAGGAACGGGAGGGGGGAGGGGGGACCGGAAGGAAG GAAAATTGGGGGAAGAGAGGAGGAAGGAGAGAACCAAAAGGGGCCGGGG GGAAAAGGGGCCGGGGCCGGGGACCCAAAAGGGGGAGGAGAGGGAGAAA AGGAAAAGGGGAAAGAGGGAAAGGAGGGGAATTCCAAAAAAGGCCAGCCA

AAAAAAAGGAGGGAAGGGGGGAGGGGGGGAGGGTAGGAAAAGGAACCAA GGAGGGGAAAAAGGAAGGAAAAGGAGAGAGAAAAGGAACCAAGGAACCAA CCAA G GAACCGGGGGGGGGGCCAAAAGGGGGGAGAGAGGGCCAAAGAGA AAAGAGGCCGGCAAGGGAAGGAAAAAAAAAAAAGGCCAGAGGGCCGGGGA ACCGAAGGATTAAGACAGGAAGAAAAAAGAGAAGGAGAGGGGAAGAGCCG GAGCAGAAAGGAGAAAAGAAAGAAGGAGAGGGCAGTTAAGGAGAAGGCAA GAAAAAAGGGGAAAGAAGGAGGAAGGAAGAAAAGGCCGAAAGGAGCAAGG GCCGGCCCCAAGAAAAGACCCGAAAAAAAAAGGAGGGAGAAAAAAAGCCG GGGAAAGGAAGAAGGAAGGGGGGCAAGACGGAGGGAGGAGAGGGGGGCA GACCGGGGAGGGAGGGACAAAACCACGAAGGGGAAAAGACAAAGGGGAAG GAAAGACAGGCCAAACAAGGTAAAGGGGGGGGACGGGAGGAGGAGGAAA GGACCAAAAGAAAAAAAGGAAAAGGACGAGGCCACCCCCAGACAAGGGAA AAAGGGGGGGAGGCCGGGGAAAAAAGGGAGGAAAGCAGGGGGAAGGGAG GAAGGAAAAGGGGAGAGGAGGAAAAAGACAAGCCAACCAAAGAAGAGGGG GGGGAAAAGAGAAAAAGGCCCCGGGAAAGAGGAAAAAAAGCAGGGGACGG CCGGCCCCGGAAAGAAAAAGAGAAGAGGACGAGGAGAGGCAAAAAAGAAA TA $\operatorname{l}$ AA G GGGGAAAGGAGAGGGGAGTTAAGGGGGGGGAACCGAAGAGGAG A GA $\operatorname{l}$ GAAGGGAGGGGGGAAAAAAGGCGATGAAAAAGGAAAGGGGAGGAA TTACAACCAAGGGGGGGGAGAAGGAAGGGAAACAAAAAGGAACAAGAGAA CACAGAGGGGGACCGAGAAAAAAAAAGGGAAGGAAACCAAAAGAAACAAA AGAAGGAACCAAGGGGAAGGGAAACCGACCAGCCAAAGAGAAGAGAAAGA G G GA G G G G GAA GAACCGAAAAAGGGGAAGGGGGGCCGGCCGGGGGGAAA ACCGGGGGGAAAAAAGGAAGGCCAAGGAAAAAAAAAAGGAAGGGGCCGGA AAAAAAAAAGGAAGGGGAACCAAAAGGAAGGGGGGAAGGAAAAGGGGAAG GAAGGAAGGGGCCAAAAGAGGAAGGAACCCCGAGAGGAAAGAGGAAGGGA GAAAAAAAGAGAAGGAAGGGGAAGGAACAAAAAGAGGAGGACAAAAAAAG GGGAGGGAGAAGGGGAAGGGGGGACAGGGAACCGGAAAAAGCCCCAAACA AAAGGAGGGAGAAGGGAGGAAAGGGGGGGAACCGAAAAAAACCGGAAGG GGCCGAGAAGAAGAGGAGCAGGATAGGGGGGGAAAGGGAGGCGGAAGAG GAGACGGGAAGAGGAGGAGAAGGAGCCAGAGACGAAGGGAGAGAAAAGG GCACAAGGAGGAAAGAGGGAGAGGAAGGAGGGAAGAAAAGAGGGGGAGG GCCAAAAACAGGGCAGGGGAAAACCAACCGGAAAGCCGGTTGGAAAAGGG GCAGGGGAGGAACCCGGGAGGAAAAAAAACCAAAAAAGGGGGGGGGGGG CGAACCGGAAAAAAGGAAAAGGCCGAGGGAGAGGCCAAAAGAAAGGAGGC AAAACCGGAAAGGGGAAACACCGAGGAAGGAAGGGGGAAAAAAAGAAAGA GAGGGAGACAGAGGGGGGCCGGAAAGAGAGCAACGAGAGGAGGGGGCAA AA GAACCAACGAGGGAGAACAGGGGAGGGCAGGGGAAGGAAGGGGAAGG G G G GAA G GAAAAGGAAGGAACCGGAAAAAAGGGAAAGAGGGGGGCCAAAC AAAACCGAAGAGAGCCAACAGGAGAAAGCAAAGAAGCCGGAAAAGGAAAG AAAACACCAAAAGGCCGGCAAAGGAAGAACAAAAGGCACAGGGGAGAGAA GGAATTAGAACACACAACGGGAGGAACCAGGGGGACGAGACCAAAAAGAG AAAAAAAAAAGGGAGCGGGGGGAACAGAAAGGGGAAGGGGAGAAGAAAAA GAAACCAAAAAAACGACAACAAAAAGTACAGGGAAAGGAAGGAAGGAAGA GGGGAAAAAAAAAAGAAGAAGAAAGGGAGGGGAAGGGGAAAAAGAGAAAG AGGGGAGAGGACACAAAACAGAAGGGGGGGGGGGGGATAAAAAACCGGG GGGAAAAAGGGGACCGGGGGGGGGGGGGGAAAAAAGGAACCGGACGAAG GGGGAAGGAAAAGGAAGACCAGACGAGGGGAACCGGAGAAGGAAGAAAGG AAACAGTAGGAAGGAAGGAAAAAAAGAAAAAAGGAAAAGGGAAAGGAGAA AAAAAAAGGGGGGGCAAGGGAAAACCGAAAAATTAAGGGAGGGGAGAACC G GAA G G GAGGGAGAGAACACGAAAAAGGGGAAAAAGTAAACCACAAAAGA AAAAGGAAGGAACCGAGGAAGAAATAAAAGGAGGCCGGCCAAGGGGAAAA AA G GAACAAAAAAACAAGGAGGGGCAAAAAAAGGCCCGAAAGGAGAGGAG G G G G G G A A G G G ACCGAGGAAGGCCGGAAAAGGGGGAGGCAAAACAGACG GCCGAACAAGGGAAAGAAGCCGAGGAAAAGGGAAAGGGGAAGGCCGAAAA AGGAAGAAGGGCCAAAGAAAAGGGGAAAACCGGGGAGGACAAAGAAAAAA A G G G G G G G A AAAA $A$ GGGGGGAAGGGGGAAAAGGGGGGAAAGGGAAAACC AATTGACCCGATCCAGGGAGACGAGACAGGAAGGGGAAAGACAAAAAGAA GAGGGGAGCACCGGAAGGTTCCGGAAAAAGCCAAGAGAACAGAGAGGAGG AGCCGAAAGGAACCGGAAGGGGGGAAGGAAGGAAAGGGGGCCGGAAAGA AAGACAAAAAAGGGGACCCTAGGAAAGGGGAAACCGAGGCATAGGGGGGC A GAGGGGAAAAAAGGGGAGGGAGGGGGGAGAAGAGAAGGAAGGAGAGAC

G G G GCCGGGGAGGAAAGGGGCAAGAGAGAAGGGGAAAAAGGGAAGGGGA GAGCAGGCCAGAGAACCACGGGAGGAAAAAAAAAGGGCCGGAAGGGGGAC CAACCAGGGGAAAAACCAACCAAGGGGGGAAGGAGCAGGGGCAATGGGGG AGGCAACGAGAAGAGAAAAGGAACCAACAGAAGCCGGGGAGAAAAGAGAG ACAAGGACCGACCAAAAGAAAAGCAAAAAGAGGGGAAGGAAGGAAGGGGG GAA $\ln \operatorname{GG} \operatorname{GAA} \mathrm{A}$ GAAGGAAGGGGGGAAGGGGGGGGAAGGGGAAAAAAAGAG GAAAAAGGAACCGGAAGAAAAAAAAACCAAAAAAGGGGGGAACCAAAAGG AGAAAAAAGGAAAAAAAATTAGCCAGAGACAAAGAAAGGAGGGAATAAAG CAGAAGAACAAGGAAAGGGAAAAGAACCGAAAGGAAGGACCCAAAAGGGG AA G G G GAGAAGAGGAAAAAAAAAAGGCAGGACGAGACAAAAGGGCAAAGA GGAGAGAAAAGGACGGAAAAGGCAGGGGGGGAGACCAGAAGGAGAGAAAA AAAAGAAGAAAAAAGGAGAAAAAAAAGGAGAGGGGGGAGGACTTAGAGAG GACCAAAGGGAAGGAAGAGAGGAGCCAGGGGGGGAAGAGGAGAAGACGA GAGGAAAGGCAGGCCAAAGAAACAAGGAAAAAGCAAGCCGAGGCAGGCCG G G ATA G GAGAAGGCCGGGGGGAGAAAGAAGGGGAAAACCGGCCGGCCGG CGGGGGCAGGGGGAAAGAGGGAGGAAGGGGAAGGAGGAGGAAAGGGGGG ACCAAGGGAAAAGAAGGACAAAAAAAGGAGGCAAAGAGGAGGGAAAGAGA AAA $\operatorname{A}$ GAACCAGGGGGGGCCGGAAGGGGAAGGAACCGGGGGGGAGGAAAG CCAGAAGGCAGGGGGGGGGACCGGAAAGGAAGGAGAGGAAGAAGGACCG GCCGGAGGGGGAAAGAGCCGGAGGAAACCGGAAGAAAAAAAGAGGGAAAA GAAGGAACCAGAGGGAAAAAGAACCGGAAGGCAAGGGAGCCGGAACCAAG GAAGGGGAACCCCAGGAAGGGCCCCGGCAACCAACAAGGGGGGGGAAAGA ACCGAGGGAGGGAAGGGAGCCGGACAGGGGGAAAGGAGGAGAGGGAGGG AA $\operatorname{GAGGCCTTAGGACGAAAAAAAAAGGAGAAGCGGGGGGACGCAACAAGG}$ AA $\operatorname{l}$ GGGGGCCGGCAGGGGGGAAGAAGAGAGGAGGGGGGGGAAAAGAAAG GCCAAGGGAAAAGGAGGAAGGGGGGGGGGAAAACCGGAGAAAAAAAGAAG AGAAGAGAAAAAAGGCCAAGGGGAAGGGGAGAAAAGGAAAACCAGAAGGG GAGGGGGACCCAGGGCCAGAAAAAGCGGGGAAAGAGGGGAGAGGGAAGG AAGGAAGGCCGGCCCCGACCCCGGAGAGGGGGAAGGAGGAAAGGGGACA GGGAAGGACCCAGGACAAACCGACCGGGAAAAGAAGGGGGGAAGAGGAGA AACGGAAGGGGAAAAAAGGGGGGAACCGGAAAAAAAAGGGGAAGAGGAAG
 G G G G G G G GAGGGGGAGGAGACAAAAAGAAGGAAAAAAGAGGCAGGAAAA
 GGCGAAGAGAGAGGAGGAGAAGGGGGGAACAAAGGGAAAGAGGGGAAAC GAAGGGCAGAAAAAAGAGGAAGGGACCCAACCAAAGCCGGCCAGTTGGGG AA G G A G A A A A A G A GAGGAGGGAGGGGAAAGGGGAGAAAGACAGAGAAGAA G G G GAA G G GAAGGGAAAAGGAACAAGGGGGACACACGAGGAAGGAAGAG AA $\operatorname{GAA}$ A GAAGGGGAAAAAAAAAAAGAGGGAAAAAGAAACGGGGAAGGGGA GACAGGGAGGGGGGGAAAAGGGAGACAAGAATAAGACGGGGGGGAAGAC AGAAGAAGTTAAAAAAGGAAAAAAGGCCGGGGCCGGGGAGGGGGAAAAAC AA GGGGAGAACCGGAAAAGAGAGGAAGAAGAGGACCAAGAAGCCGAAAGA GACAAACAGAAGGAGGGGACGAAAGGGGGGAAAACCAACAAAACGAGAGG AAAAGAGAGGAAGGAAGGGGAAAAGGAAGGGGAGAGAGAGAGGGAAACCC GGAAAAAAGGGGAGGAAAGGAAAACCAAGGAGGACAGGGAGAAAAAAACA AAAAAAAGAAAGGAGGCAGGAAGGGAAGAGAGAGAAAAAAAAGGAGGGAA CCCCAAAAGGGGACGGAAGGAAGGGGCCAAAAGGAGCCAAGAGACAAGAA AAAAAAAAAAGGCAGGGGAGGGAAGGGGAAAAAAGGAAAAGGGAAAGAAG ACAAGGGGAGGAGAGGAACCAACCGGGAAAGGAGAAAAAACGAAAGGAAA G GAGAAAACAGGAAAAAGGGAAAGAAAAAGGGAGAGCCCCAAAGAAAAGG G GCAGGACAGGAAAGAGAGAAGAAGGGGGAGAGGGGAAGAAAAAGGGGA AAAGGAAAACCAGAAGGGGGGAAGGGGGGGAGAAGGGGGAAAACAGGAG G GAAAAAAAAGGGGAACCGGGGAGGGAAGGGGCGGAGAAGAAGGGGAGG GCCAGACCCGAAGCAGAGGGAGGAAGGGAGAGAAGGAAAACGGAACAGGG GAGGGATAGAGGAAAAAGGAAGGGGGGCCAAGGAAGGAAGACCCAGGCCA GGGAGCAGAAAAAAGAAACCAGAAGGAAAAAAGAAAGCCGATAGGAAAGA AAAGGGAAACGAAGAGGAGAAAAAACCGGAGGACCAAAGCAAGTAAAACG ACCAAGGAGAGAAGGGGCAAAGAAGAAGGAAGGCCTAAGAGGGAGAGAGA AGGAAGAGGAAGGGGGAAGCAGGAGGAGGAGAGCCAAAGGGCAAAGACCA GAAAGGGAAAAGGGGGGAAGGAACCAAAAGGCCAAAACCAAGGGGGGGGG GGGGGAAAACCCCCCAAAAGGGGAAGGGGGGAAGGGGAAAAGGGGAACCA

AAAAAGGAATTGGAAAACCAAGGGGTTAATTAAGGGGGGAAAAAAAAGGG GAAGGAAAAGGGGAAAAGGAAAAAAAAAAAAGGGGAACCGGCCAAAAAAG GCCCCGGGGGGAAAAGGAAGGAAAACCAAGGTTAAGGAAAAAAAAGGCCC CCCAAAAGGGGAAAAGGAACGCAGAAGGGATACCCCAAAAGCCCCAAAGA AGGACAGCCGGGGGAGGGACCGGAAGGAACCGGGAAAAGAACCAAAAAAA GAGAAAGGGGAGGGAGAAAAGCAAGGGCAGGAAAAGGAAAGAAGGAAAGA GGGAAAGAAGGAGAAGGGAGGCCGGAAAAGGAAGAGCGGGAAAGGACGG GGTTGGACGGAGGCGGAAGGACAACCAAAAAAAAGGGGAAAAAGAGAGGA AAAAGAGGGGAATTAAGGAGAAGGAAAAGGCGAGAAGGGAAGGAAGAAAA GGAAAGAAAGAGGAAGGGAGACAGGGGAGCAGAAGGGGAAAAAGGGAAAA AAGAGGAAAAAACCAAGGAAGGAAGGAAAAGGGAAAGGAGTTGGAAAGGA CCCCAGCCAAAAGGGGGGGGAGGGGAGGGAGAAGGGGGGGAAAAGGAGA GGGGAAAGAGGGGGGGAAAAAAAAGAAGAGGGGAAGGGGGGAAAAAAAA AAAGCCAAGGCCGGGGAGGAGGCAAAGGAAGGAACCAAAAGGGAACAAAC AAAAAAGAGGAATTAGTTGAAAAAAAGGAAAAGGAAGGCGAAGGAATTAA CAAAGGGGGGGGGGGGACGGGGAGAAGAGGAAGGGGGGGGAAAAAAACA AA G G G GA GACCCCAGGGGGAGAAAAAAAAGGGGACGACCAAAAAAGGACA AA GCACCGGGGAAAAGGAACCGGCAAAAAGAGGGCAAGGGAAAGGGGAGG
 GCAGACCGGAAGGGGCCAGAGAGGGCGAAAAGGAAGGGGCAAGAAAAGGA AGAGAGGGGCCGGGGAAAGGGCCCCCCCAAAGGAAAAGGAGCAGAGGGGC CCCAAAACCGGAAGGAACCAACCCCAACCGGAAGGAAAAAAAGAAAACCA G G G G GAAAACAGAAGAAGAGAGGGGGATTGAAAAGGAAGGAAAGGAAGG GGGGAAAAGAACGAAAAGAGAGGGGGGGAAGGGGGGGGAAGAGAGAGGA GAAAAGGAACAAGGGAACAGGAAAAAATTAGAGACAGAAAGCCGACCACG GAACCACAAAAGAAACCGAGAAGGAAGGGGAGGAAGGAACCGAGGAAAAG AGGAAAGGGGAGGGGGAGGAAACAAAGTTGGGGGGAAAAAGAAGAGGGG GCGAGGCCAGGGAAAAAAGAGGAAAGGAAAGGAAGGCCAAAGAGGGGAAA AGCCGGAAAAGGAACCCCGGGGGGAAGACCAGGGGGGGAAAAAAAAAACC AA G G G G G GCCGGGGGAGAAGGAAGAAAAAAAGAAAGAAGGAAAGGGGGA GAGAAAAAAAAGACCCCGGGGGGGGGGAAGGGAGGAAAAGAGGAAGGAA GGGGAAAAAAACAAAAAGGGAAGGGGGAGGGGAAGGAAAAACGGAGGACC TTGGGACACAGGAGGCGAGGAGAAAGGGAAGGGGGGGACCGGGGGGAAA TAAA $\operatorname{l}$ GGGGGGGGGGCGGAGAAAAGAGGGAGGAACAGGGGGGGCAGAGG G G G G G A G G A A G GAGGGGGAGGGAACACCGAGGGGAAAGGAGGGGGGAAG AAAGGAACCAAGGCCTTCGAGAGAAAAAAGGGGAAAGGGAAGGAAGGAAA AAAAGACAAGAGAAGAAAACGGAGGGGGGGAGGAGAAGGGGAAGGGGGG AAAAGGGGAGAAAGCAGGCAGGAGGCGGGGAAGGAGGGGGGAAGCCGGG GAACCGAAAAAAAGAGACAAGGAAGGGAAAATTAAGGGGGACCAAGGGGG GGGAGAAGAGGAAGGAAGCGAAAAAAAAAGGGGCCAAGGAAAAGACCAAC CGAAAAGAAAGAAATAGCAATGGGCAACCAAAAGGAAAAGGAAGGGAAAA ACCAAGAGGGGAAAAGGAAGGAAGGGAGGAGGGGGCAGGAACAAGCCAAG GAAGGAAAGGAAAAAGGGGAAGGGGAAAGAGAGAAGGGAAAGGGGAAGA CCGGAAAATTAGGGAAAAGGGGGGGGAAGGAAGGAAGGGGGGAAGGGGC CAAAAGGGGAAGAAAAAAAAGCCCGGGGAAAAAAAGGGGGGGGGGGCGGA AGGGGAACCCCCCGAAGGAAGAACCCACAAGAGAGCCAAAAAACCAAGGG AGAGAAAGGGGGGGGAAGGGGAAAGAGCCGAAGAAAAAAGGAAAGGGGA GATTGAAAGGAAAGAAAAAAAAGGAAGGGGAAGGAGAAATAAAAGGGGAG AAAAGGGGACCCGGAAGGCAAAAACCCCAAACGGAAGGAAGAGGGGAAGG GGAGCAGGCCAACCGAGAAAAACAAGAAAGGGAGAGCCAAAGCACCGGAA A G G GAA GACCCCGGAAGGGGGGAAGAACGAAAACGGAGGGGGGAAAGGA A G G G G G G A A A A A A AA GAGAGGAAAACAAAGAGGGGCCGGGGGGATCGGAA AGACGCCCAAACCGGGAGGAAACAAGAAGAAAAGGAAAGGAGGAAGGAAA
 AGCCGGGGCAGACAGATAAAAAAAAGAAGGAAGCAGGGGGAACCGGAAGA AA GAAGGATTAAAAGGGGGGGACAAAGGCCAAAGGAGGGGAAAAGGGGG GAGGGCAAGAAAACCGGGGCCAAAAAAAAAAAAGGAAGGGAGGCAGGCCA AGGAAAAGACCCCAAGGAAACGGGGAAGGCCACAGGGGAGGGGGAGGGG GAGAGGAAAAAAAAACGGGGAAGGGGAGGAAGCCACGGGAAGCCGGTTGA GAGAGGAAAGGGAACCGGGGGGAACCGGAAAAAAGGGGAGGAAGGAGAA GGCACAGGGAACCGAAAAACCCCGGGACCTAAGGGAAGGAAAAAAAAAAG

G G AT TAAAAGGGGGGGGAAAGGGAGACGGGAGGAAAAGGAAAGAAGGCC G G G G G GAAA G GAGGGGGAAGGGGGAAGGAAGAGAACAGACGAGAAGGGA GAAAATTAACCAGAAAACCGGAAGGGGCCAAAGGAAACCAAAGAAAGGAG ACAGAGAGATTGGGGGGAAGGACGGAAGGAAAGGGGAACGGGAAAAAGG A GCCGGGAAGGGGGGGCCCAAAGGGAGAAGGGAAGGGGAACGGGCCAGA AA G GAGAGGGGGGAAGGGACAGAGGGAAACCAAGGGGAAAGAAAAGGAA GGAACCGGAAGAGGAAGACAGAGGGGAAGAAAACAACCGGCAAAGGAAAG GGAAGGGAGAGGAAGGGGGGACGGGAGGGGAAGGCCAGGGGGCCAAGGG GGGCCAAGGGGAGAAAGGGAGAGAAGGAAGAAGAGAAAAGGGAGGACAAA CAGAGGAGGAGGGAGAAAAGAAGGAAGGGGAAAGGAAAAGGGGGGAAGG AGAGCCAGGAAAGGGGAGGGCCGGGGGGAGAGACGGCCGGGAGGAAACG ATTAAGAACAAAGGAGGGAAAAGACAGGGGGAGGGGGACGAAGAAAGGGG GGAGGAAGGAAAAAAGGAAACAGGGCCAGGAAGAGGAGAAAGGCCGGAAA AAAAAGGAGGAGGAGGCAAGAAAAAAGAGAGCCAAGCAAAAGGAGGGGGA GAGGGAGGGCCGGGAAGGAGGGGAGAAAGAACCGGCCGGGGGGAGAGCC GGAAGGAGGAAAAAAAAGAGAACCAAGGAGAGAGAACCGGAGAGCCCCAA ACAACAAAAGGGGACCGGGGGGGGGGAAACTACAAAACCCGGGGGACGAA AA G GCCGGGAAAGGAGGGAACAGAGAAAGGAACCAAGGAGGGAGAAGAGG AA $\operatorname{GAACCCAAGAGGGGGCGGCCGAAAACGAGAAAAAGAGAGGGGAACCGG}$ CCAA $\operatorname{CACCGGGGGGGGCACCAAAACCAGGGAAAGGAGGAAGGGGGGAGCA~}$ ACGACAGAAGAAGAAGGAAAGAGGAAGGAAAAGGAGCCGGCCACAAAGAA G G G G G G A A A GAAAAGGAGGACCGACCGGAAGAGGGAGGGAAAGGGAACA ATTAAGAAAGGAGAGAAAAAGCAGAGGAAAGGGGGAGGAACGAGGGAAGG AAAAAAAAAAGAACCGGGACCAAAGAAGGGGGGGGAAGGGAGGGGAAAAG GAACAAAAAGGCCAGGACAGGAAAAAGGGGGAACCGGGGGGAGAGGAGAA GAAGAAGGGAAGAGGAGGAAGGAAGCCAAAGGGAAAAACAGCACAGGGGC CCCAGAGGAGAAAAACCAGAAGGAAAGGGGAAGGGAAAGGAGAGGAGGGA GGGAAAAGGGGGAGAGAGGGCGACAAGAAAGCAAGAGGGGGGGAAGGAA GGGAAGGGAAAGAGCCGGGAGAAACAAGAAAAGAGGAAAAAAGACGAAGG CAGAAAGGCCAGAATTGCAGGACCAAAGGAGGAGGGGGAATTAGAAGGAG GGGGAAGGGGAGAAGGAGGGGGCCAGGAGAGGAAACGAGGGGGGGAGGA AGGAGAGGGGGGAAGGGGGAAAAGGCCAAGGGAAGGGAAAAGAAGAAAA AAACAGGGGGAAAAAGGGGGGGAGAAAAGAAGAGACGGAGCCAAAAGGGG G GAA $\operatorname{l}$ GGGAAGGACAAGAGGAGCAAGAAGAAGGGAGGAGGAAAGGAAGG AAGGAAGCAGGGAGGAAAAAAAAGGGGAGGGCCCCGGGGAAAAGGGAAGA CCCGGGGAAAGGGGGGGGAGGCCAAAAGGGGGGCAAAGGAAAAAAGGAA G G ACAAGAGGACGGAAGGAGGGGGGGGACCGGAAGAGGAACCAAGGAGA AGGAGCCACAGAAAAAAAGAAGAGAGGGACCAAGGCCCCGGCCAAAAGAA AA GCAGGGAGGGAGGAAAAAGAAGGGGAAGGGAAAAGAAGGCCGGGAAA G G A G G A A GAGGAGAAGGGCCGGCCGGGGAAGGGGGCACGGGGGGAGGGG GGGAAGGCCGGCCGGCCGGTTGAAAGAAAACGGGAGAAACAGGAAGGGGC CATAGAGAGAGGGGGGGAAGGAAAACCGAAGCCAAGGGAAATTAAAAAAG GAAGGAAGGGGAAAAAAGGAAAGGAGGGAGGAGAACCCCCCAAAACCGGA AGGGGAAGGGGAAGGAAAAGGGACCAGGGAAAAAGAGGACAAAAAAAAAA AAGGGAACCAAGGGGAGGGGAGAAAAGAAGAGGGGAACCGGAAAACAAGG AAGCCAAAGAAGGCAGAACGAAAAGGGGGGAGGAGAAGAGGAAAAAAAGA AGGAAGAGAAAGGGAAAGGAACCAAAAGGAAAGCAAAGAGAAGGAGGACA GCGAAGGAAAAGGGAGGGGCCGGAAGGGGGGGGCCAGAAAAGGGGAAAA AAAAGGGGGGAAAAAAGGAAAAGGAAACACGGGGGGGATTGAGGGGCCAG AGGAAACCAGAGGAAAGGGGGGGGGGAAAGCCAGAGCAAAAAAAAAAGGA G G A A G GAA $\ln$ GG GAAGGGGCAGGGGGGAAGGAGGGGGAAGGGAGGAAAAC CAAAAATAAAAACCACAAACCGAAGGAAGGAAAGATAAGAGAGAAGGGGG GAGGGACGAGGGGGGGGAGACAAAGGACAGCGAGAAGAGGAAAGCGGAG AGCCCAGGGAAGGGAAAACCAGGAAAGAGAGAGGGAGAACAGAGAGAGAA GGAAGGGGGGAAGAGGAAGGGGAAAACCGAAAGGGGGGGGCAGAGAGGA AA $\operatorname{l}$ GGAAGGGGGAGGAAGGAAGGGAGGAAAAGGAAAAGGGAGGGGAAGG A G ACGGGGAAGAGGCAAAGGGGAAGAAAACGGGGGAAAGGAGAACCAAAA G G G G G GTTGGGGAACCAAAAAAAAAGGGCGCAGAAGAAGGCAAGAGAAAG GAGGGAGGGGCCAAGGAGCAAATTGGAAGGAAGAAGAACAGGAAAAAAGA GGAAGGGGAGAACCAAAAAAGAAGCCGAGGCCGAGGGGAAGAAACCGGGG GGGGGGAAAAAAGGGAAAGAAGGGAGAAAAAAGAGGAAGGGGAGGAAAG

AAGAAACAGAAAGGAGGGAGGAGAAGGAAAATTAAAAAAAGGAAGGGAAG GAAGGAACAGAAAGGGGGAAATTACCCAGGGAAGGCCAAGGGAAGGGAAG GGGGGAACCGACCAAAGGACAAAAAAAGGAAAAAAAACAGAGGCCGGAAT AAGGAGGGAGGAGGAGGGGGGAGGAGAAGAGAGGGAGAGAAGCCAACGA AA G GAAAGGGAAGGAAGGAAGGGAAGAAAAGGGGGGGGAGACGAAAGGA CAGGAAGAGAGGGGGAAGAAAACGAAGGGGAAGACAAGAGAAGCCGGAAA AAAGGAAAACCGGTAAAGGAAAAAAAACAAGAGGAAGGAAAACAGGAGAA ACAAACCAAACATAGAGAAAGAAGGAACCAAGGAAGGGAGGAGAAAGGAC AGGGACCAAGGGGCCAAAAAAAAGGGGCCAAAAGGAAAAAAAAGAAGGAA GAAAAAGGGAGAGCCGGAGAAGGGGAACCAAGGAAGGGGAAAAAAAAAAA AGGAAGAAGAACAGGAAAAGGAACCGGAAAAAAGGCCCCAGAAAGAAAGA AGAAAAGGGAACCGGACGAAAGGGGGGCAAGAAAAGGAAAAAAGAGGAAA GAGAGGAGAGGAGGACCGGGAAGAGAAGGGGAGAAAAGGAGGAGAAAGG GGGGGGAAGGGGGGAAAACAGGCCAGGAGGGGATGGGGAAAAAAAAGGA AAGGAAGGAAGGAAAAAAAGGCCAGAGAAAGGGGGAGGGAGGGAAACAGG ACAGGAAGGAGGAAACAGGCAAAAAAAAAAAAAAACCAAGGAAGAAAGAG GAGGGAGAAGGGGAGAGGCAGCGAGGGCAAGGAAACATAAAGGAGGGAG AACCAAGGGAGGAAGACCAAGAGAGGAAACAAAAAAAAGGAGTTAAAAGA AAAAAGGGAAGGCAAAAAGATAGAAGGGAAAGAAAAGGGACACAGAGAAG GAAGAGAGGAAGCGCAGAAGGGAGAGGAGAACGAAGCCAGAGGAAGAGAG GACGAAACAAGGGGGAGCAAAAGGGAAAAACCGGGGGAAAGGGGGGATCC A G G GAACCCATAAGAGGGGGAGGGAAAAAGGGAGGGGAGGGGGGGGAAC ACAGAGGGGGGGGAAGGACAGAGAGAGAGAGCCAAAACCAGGGGGAAAG GGAGACGGAAGGAAAAAAGACCACGGAGGAAGCAAAGAAAAAAAGGAAAA GGAAAAGGAAGAGGAAAGAAACAGAACGAGGAAGGGAGGGAAAGGGGAAG AAAGAAAAGGGGGAGGCCAGAAAAAAAGGGGGGAGGGGGGAAGGACAAA GAACCCAAAAAAAGGAGAGAAGGGAGGGAGGACGAGGAGGGGAAAACCCA AGGAGAAGGGGACCCAGAAAAAAGGAAAAGGAGAAAAAAGGGGAAGGAAC CGGAAGGCCAAAACCCCCCAAGGAAAAGGAAGGAAGAAAGAGGGGAAGGG GAGACAAGAAGCCGGAGAACCCCGGGGAACCGGAGGGGGAAAAAAGGCCA GGGAAGGAAAAAAGGGGGGGGGGAAAAAACCAAGGAAGGAAGGCCAAGG G GCCGGAAGGCCAGGGGGGAGGAAAAGGAGAGAGAAGAAGGGGGAAGGA CA $\operatorname{GCCAAGGAGAGAAGGAAGAGGGGGGAGGAAGGGGGAAGAGAAAGAAG}$ AAGGAAAAAGGAAAGAAAGAGAGAAGGGGGGAAGAGGAAAGCAAGGGAGG A G G G G G G A G G G C G G A G G G A A G G A A G G A GAA A A G G A G G G G A G A G G G G G G G ACCGGAAGACACCGGAAAAGGAAAGGGAGCCGACCAAGGAAGAGGAGAAA AGAGGGACCGAAGGGAGAGACGACCGGAAAACCCAAAGACACCGAGAGGA AGGCCCCGGCCGGGAGGACGAGGAGGGAAAAGGAGAAGGGAAAAGGGGA CAGGAGAAAGAAGGGGAGACGAGGGGAAAGAGAGAAGGAAAGGGGGAGA GGAAAAAAAGGGAACGGAAGGGGAGGGCAAGCCAGAGCAGAAAAAGGAAA AAAGGAAAACCGGAAGAGGGGCCAAGGAGGGAAAGGGAGAAAAAAGGAGG GCAATAGCCCCGGCCGAAAGGGGGAAAGGGGGGGGAGGGGGGACCGGAG AGAAGGAAGGAAAAGGGGAACAAGAGAGAAAAGGCCGGGGAAGGAAAAAA GGGGGGCCCAAAAGGGGAACGAAAGGGAGGAAGGGGGGAAGGGAAGAGA AA $\operatorname{A} G \mathrm{GGGAA} \operatorname{GGGGAAAAGGAAACAAGGGGGGGGGGGGGGGGAAAAGAAA}$ AAAGATAGAGAACCAAGGAGAAAGAAAAAGAAGGAAGGCACCAGGAAAAG GGGCAGGGGGAAAAAAGGAAACGAGGAGAGAAGGTTAGTTGAGGGGGGG A G G GAGGGGGGGGGGAAGGGGTTGGAAGGAAAAGGCCGGGGGGCCAAAA AA G GAGGGAGAGAGAAAGGAAAAAAGGGAAAAAAGGAAGGGGAAAGAGGG AAAAAAGGGGGGAAAAACAACCAGGAGGGGAAAAAAAACCGGAGGACCAA AGGGGGGGGAAAGGAAAAACACGAGGAGAGGGCCCCCCAAGGCGCACAAA GCGAGGGGGAACAGGGGAGAGGGGCCACGGAAAAAAAGAAAGCCCCGAAA AAGGAACCAGAGAAGAGAGGGGAGAAAACCGGGGAAAAGGGGAAGGAGGA AA G GACAAGGCCGAAAGGGGAAGGGGAAGGGGAAAAGGGGAGGAAAGGA AAAAGGGGGAGGAAAAAAAAGAGCAAAGGGAGGAGCCCCAACCGACAGAA A G G G G GAACGGAGGGGGAGGGGGCCCAAGAAGGGGGGGAGAGGAAAAGA AAAAAAAAAGGGAAAGCCAAGGGAAAGGAAAAGGCCACAAGGACGGGGCA GGACAGAAAAGGGGAAGGAAAAGGAAGAAAAGAGGAGGACGACAGGGGCC AAACCCAAAAAAAAGAAAACGGGGAAACGAAAACGGGGCCAGATGGGGGG GGAGAAGGAAGGGAGGGAAACCGAGAAAAAACCCGCGAAAGGAGGGGGCC AAGAACAAGGGGAAGGAGAGAAAAGGGGTTGGGGAGGAGAGAGAAAAAGA

AACCGGAAGGGAAGGGGGGGGGAAAAGGCCACGAGGCAAACCAAGAAAGG GGACCCACGGAAGAAAAAAAAAAAAAGAAACCAGAAGGAGAGGAAGAGGA AACCAGAGAGGGGGGGAATTAAGGGGGAGGGGCCGAGGGGGGAAAAGGG GGGGAGGGGGGGGCCGGCAAGGGGGGGGGAAGGGGAAGGGGGGAAAAAG GAAGCCCCAGGAGGAGGAGGAGGGAAGGCGAAGAACGGCAGGGGAAGGA ACCAAGAAAAAGAGGGAGGAAGAAAGGGGAAAAACAAAAAGGAGAAAACG GCAGAAGCAATAAAAAGCCGGGGAAAAGACAGGGAGGAGGAGAAACAAAA GAAAAACAAAACCGGGGAAAACCGAAAAGGAGGAAAGGGAAGGGGAAAAA GGGGAGAGGGGGGGGAAAAAAGGTTAGGGAGAAGGCCGGGGAAAAGGAA GGAAGCGAGAAGAACCGAGGAAAGCCACAACCAGAGAAGAAAGGAAGAAA GGATCCGACCCCGAAGCGAGCCCCAGGAGGAACCAGCAAAGGAAGGAAAG GGAGGAGGAGGGACAGAGAGGGGGGGGGAAGGGAGGAACCAAAAGGAAA GGAAGAGGACAACGAAAAGCGGGGGGAAACCGAGGCCTTGGAAAACCGGA AAGGGAGAGAGGAAAGGAAGGAAAAGGCCGGGGAGAAAAAAGGAAGGAAA AGGCCGGAAGGGGGGGGGGAAAAAAGGAACCGGCAAGAAAGGAGGGACA GACAAAAAGGGGAAGGAAACGGAAAGGGAAGGCCGGAAAGAAGAGGCCAA GAGGCCCAAGGGAGAAGGCAGGGGGGAAAGGGCCAGAAGAGGAAGAGAC AA $\operatorname{l}$ GAGAAGAAGGGGAAAAAGAGGGAGAGGGGGGGGGGAGGAGAAGGAG GAACGAGGGGAGGAGGAAGGAAAAAAAAAGAGAGGAGGGAAGGGGGCCA AAAACGACAAGAAAAGGAAAAAAGGGGGGAAGGAAGGAGCCAAGGAGCCG AACCCAAACAGACGGACGAAAGAGGAAGGAAGGAAGGAAGGAAAAAAAAG GAGAGAGACAATTGGGACCAGGGGGGACCGGGAAGGGGAGGCAGGCCCC CCCAGGGGCCCCCCGGACAAAAAGCCGGAAGGGGGGAAAAAAGGGGAAGG GGGAAGAAGGAGAAAAGGAGAAAACCAAAAGGGGGGGGAAGGGGAAAAG GGGAAAAAAGGGGGGGGAAGGAAAAAAAAAAGGGGAGAAGGCCGGAAGG CCCACCAAGGGGTAAAGAAGAGAAGGAAGGGGAAGGGAAGACAGACCAGG GGAAGGGGGGAAAAGGGGAAAAAAAGAACCAGGAGAGGGATAGGAGGAG CGGAAGGAGGAGGAAGGAAAAAAGAAGGAAAAAAAGGAAAAAGAAGGTTC GGGAACAAAGGAGCCAAAAAAACGAAAGGAAGAGAAAGGCCGGAACCGGC CAAAAAAAAGAAGGGGAAAGGAACCAGAACCAGAAGGAAGGTTAGGGAAA AAAGGAACCAGAGGGGGAACCAAGGGAGGGAGGGAGGAGGGAGGGCCTT AATTGAAAAAAGCCGGGAGGAACCGGAACCAAAAGGTTAAAAGGAAGGAA AAAAGGAAGACCAGGGGGGGGGGGGGAAAAAAAAAAAAGGAAAAGGAGAA GGGGGGAAAAAAGGGGCCAAAAAGGAAAAGGGGGAAAGTTAGCGAGAAGG GGGAAGAACCACAGACAGGAAGGAAGGAGAGGAGAGCCAGGGAAGGGAAA AGACCAAGCCGAAAAAGGAGAGAACCGGAAGAGGCAAAAAGGGAGGAAGA AGGGAAAAAAGGGGAGGAAAGGGGGGAAAAGGAAGGGGGGGGGGAACCG GAGAGGGGAAGCCGGAAAGAAGGAAGGAAGGAAGGGGAGGGGGGGAGAA AAGGGAAAGGCAAGACGGGGAGGGAAGGAAAAAGGGAGCCGGAAGAAAAG AGAAAAAAGATTAAGAGAGAAGAGAGAGGAGGCCAAAAAAGGAAGGCCGG GACAGGGGACAAATGGGAACAAGGAGAAAGAGAGGGAAAGAACGAAAAGG AAAAAAAAGAAAAGGGGGAAGAAAAAAAAAGGAGGGCCAAAAAAGGGGAG GAGGAGAAGGGGGGGGACCAAGCCCAGGGGGGCCGGAAGACCAAAAAAAA AAGGAAGGGAGGGGGGGGACGAGAGCGGAAAACCAAGAAAAACCGGGGA GAAAAGGCAAAATGGAGAGGAAGCCGGAAGGGGCCAAGGAGAAAGAGACG ACGAAGGAGGGGAAAGGGGGGGGCGGGAAAGGGACGGAAAAGGAAGGAA CCAACCGGAAAAGAGAGGGAAAAAAAAGGGAAAAAGAAAGCCGGAACCAA AGAAGGGGACAAAAGGAAAAAAGGAAGAAAAGGAAAAGGGGAGGGGGGAG AAAAGGAAGGAAAAAGAGTTGGAGAAGGAAGGGGAAGAGAGGGGCGCAAG GGGGAGGGAAGGGAGAGGGGGGGAGGGGGGAAAAAGAAAGAAAAAGGAG GCGAAGGAAGGAAGGAGAGGAGAGAGGGGGCAAGGGGGGGGGGAAGGAA AAAAGGAGGAGGAGGGCAAGCCAGCAGGAGGAAGGGGGAAGGAGAACAG GATGACGCAGGGGAAAAGGAGGAGGAAAAGGGGGACACCAGAAGGAAGGA GAAGGACGGAGAGGGGGCCAGAGGGGGAGGGAGAGGGAAAGAGAAAAAA ACCCAAAGAAGGGGGGTTAAGGGAGAAGAGCCGGAAAAGAAAGAGAAAGG AGAGAAGAGGACGGGAAGGAAAGAAAAAAGAACCGAGGGACCCCGGCCAC GGGAAGAGAGAAGGGGGGGGGGAGAGAGGGAGAGGAAGAAGGAACCAGA AAAGGGAGGTAAAGGAAAGGACCGGGGAAAAGAAGGGAAGAGGGAGAGG AAGGAGAGGGGGAAAGACGAAAAAGAGGGAAACCGGCCCAAAGGGAAGGG GGAAGAAAAGGGAGGGAGAAGAGGGGAGGGAAGAAAGGAGGGCCAGGGA AAAGACAACAAGAGAGGACCCGGAAGGAAAACCGGCAAGAGAGAAAAGGC

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G G A A G GAAGGGGGGAAAACAGGGGGACCGGAGAAAAAAGACCCCGGCCGG AGGAAAAAAGGGAAGGCCAGGGGAAGGAAAGGGGAGGGGAGGGGGGGGA G G G G G A G G G A ACCGGAAGGGGCCCCGGGGAAAACCGGCCAAAAAGCCGG GAGGGAGGAGCGGAGAAGGAGAGGGGAGAGAAAAGGAGGAGAAGAAAGC A G G G G G G A G A A A A GAGGGAAAAAAAAAAAGGGGGGGAGAAAGAGGAGGG G G ACGAGAGGGGAAAAAAAAGGGGAAACAGAAAGCCCAGGGGAAAAAAAA ACGGTAAGGGGGGGCCGAAACCGGGACAAAAAGGAGGGGAGGGAAAGGA G G GAAAA G G GAGGGGGAAAGAGGCCTTGGGAGAGGAAGAGGAAAGGGAA AGGGAGAAGGAACCAAGGGGCAAGACCCGACCAAGGCCGGGGGGCAAGGA GGAGCCGGAAAAGAAAGAAAGGGGCAACGGGAAGGGAGGGAAGGAAGGG AAGAAGACCAGGAACAGAAGGAAAACACAAGGGAAAAGGGGGGGAGGAGC CAAAAGAAAAAAAGGAAGGAAAGGAGGAGCCGGAGGAGAGAGAAAAAAAG GGAGGAAAGAAGGCCGGGGAAGACCAAGGGGGGCCAAGGGGGGCCGGAA AAAAAAGAAGAAGGGAGGGGGAAAAAAAAAAAGGGGAAGGGGAAGGGGAA GGGGAAAAAAAACCAAGGAAAAAAGGGGAAGGAAAAGGAACCCCAAGAAG GGCCGGAGCACAAGAAAAAAGAAAGGAAGGGGGAGGAAAACGAAAGCAAA AAAAGGAGAGAAGAGGGGAAAAACGGAACCAAGAGGAAGGCCAGAGAAGG A G G G G G G AAAACGAAAGGAAGAAAAAGGAAAACCGGAGAAGGCCAAAAAA GGAACCGGAAAAAACCAAGCGAGGAAAAGGGGGGCCAAGGAGAGGAGGGG AAGACGCCCCGGAAGGGGGACCGAGGGAGGGAGGACAAGGCAGAACGGA G G G A A TAAAAAGAAGGGGGCCTAAGGAGGGAGAGGGGGGGGAAGGGGAA AA GACAGGGACCACCCAAGAAAACGGAAAAGGGGGGGGAAAAAAGGGGGG TAGAGGAAACAAAAGAGACAAGGGAAGAGGAAGAAACAATAGACGGAAAG AAAGGAAAAAGGCGGGGAACAAGAAAAGACAGAGGGAGAAGGCAGGAAAA AA $\operatorname{G} G \mathrm{G} A \mathrm{~A}$ GAAAAAAGAGGGGAGGGGAGGCACAAGGGAAAAAAAGGGGGAA AAAGGGGGAACCCCAACCAAAAAAGAGGCCGAGGAGAACCGGAAGAGGGG GAGAAGGAACAAGGGGAAAAGGGGAAGGAGAACCAGGAGAGGCAAAAATT ACGGAGGGAAAGAAGGAAGGGAAGAGCCGAGGGAAAGGGGGGAAGGCAC CCCAAAACAAAGGGGAAGCAAGAGGAACCAAAGAAGGAAGGAAGGGGGGA AAAAAAAACGAAAAAGGGAAGAAAAAAGAGGAGGGACAAAGGGAGAAAAG GGAAGGAGCAAGGAGAGAGCAAAAAGGAGGAGAAGGCGGAGAAGAAGCCC CAAGGCAGAAGGAGGCCAAGGCCGGAGAAAAAGAAGGGCGGACGGCACCC CAAAAGGAAGGAAAAGGGGAAGGAAAGAAGGGAGGGGGGAGGAGAGAGG AA $\operatorname{G}$ GCCCCGGAGGGGGGGGGAAAAAACCAAAAAAGAGGAAGGAAGAGGGG GAGAGGGGAGGAGAAAAAGGCCAGGGGGAAAGAAGGAAGGGGAAAAGGG AGGGAAGGGAGGGGGCCGAGGGGAACACAGAGGCAGAAGGAAGGGAGAA AGACAAAGCCGGAAGAAAAAAAGAGAAGGAGGGGGACCACGAGGGAGAGG G G G GAA G GAAAAGGGGGGGGGGGAACCCCCAAAGAAAGAAAGAAGGAAGA ACCCGGAAAGCAGGAAAAAACAGGAGGGGGGGGAGGAACCAGCAGGGGGA AAACGGAAAAGGGGACGGCCCCAAGGAAGCGGAAGGGGAAAAAAGGGGAC CCAAAAGGGGGATACCGACCGGCCAGAGGGGGAAAAGGCCAAGGGAGGAC GACGGACCCCGGGGACAAGGGGGGGGGGCCGGAGGGAGGAAGGGAAAAG GGAAGGGAGAGAGACAAGGAGAGGGGGGGAAGGGGACGGTTAAAGGGGA AACCAAGGCCGGGGACGGGGGGAAAGAAGGCCAAAGGGAAGGCCGGAAG GAAGGGGAAAAAAAAGGCCGGGGAAGGAAAAGGACAGGAAAGGAGAGAGA GAGAAGGAAAGAGAGAGCACCGGGGAAAAGGGGACAAGGAACCGCGAAGA AGGGAAGGGGGCACCGGAAAGGGAGAAGGGGAGCAAGGGAAAAAGACGG AGGGGGCCAGAGAAAGAGAGAGACGGGAGAGGGGCCAGGGGGAAGGAAA A GA $\operatorname{H} A \mathrm{~A}$ GAGGGGGAAAAGGGAAGAGGGAGGGAAGGAAAAAAAGAAGGCC CCCCGGGGACAAAGGGGGAAAAAAGGGGGAGGGGGACCGACAACGAGGAA G G A G A A G GAAGGGGGGGGAAGGAAGGGGGAAGCCAAGAAAAATAGGAGC ACACAAGGGAGAGAAAAGGGGGAGAAGAAGGGAAGAAGAAGGGAGGAGG A G G GCAAA $\operatorname{A} A C C A A G G A A C C A A A G G G G G G G A G G C A G A G A G A G G G G G G G G$ GAGAAGAGGGGAAGACCGGAGAAAAGGGGGGGAAAGGGGCAGAAGGAGA AGAAGGAACCAGGGGAGGAAGGGGAAGGAAAGAAGGAAACCCCGAGAGAG AGCCGACCGGAAGGGAGATTGGGAGGGGGGAAAAGGAAAACCGGAGACGA GAAGGAGACCAACAAGGGAAGGCAGAGAAGCCAAAGAGACGGGACAAGGA CAAAAAGGGGCAAAGAGGAGGGCCGAGGGGGGAGGAAAAACCAGGGAGA G GAGAGGGAGAGGAAAAAAACGACAGGAGCCGGGGGAATAAGAACGAAGA AAAGGCCAGCCGAAGAAAACCGGGGAGGAGGGAAAGGGGAAGGCCGAAAC CAAAGGGGGGAAAAAAAAGGAAAAAGAGGCCCCCCGAACAAAAAAAGAAA

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G G G GAGAAGAGGACGAAGACGGGGAACCAACCGGGGGGGAGGGGCCGGG GGGAAGGGGGGGGAAAAAGGGGAGGAAAAAAGGAAGGAAAAGAGGGGAA GGGGAAGGAGTTAACCGGGGCCGAAGGGAGGGGGAAAAGGGGAGGGAGG G GAAGGACCGGGAGAAGAGCCGAAGGGGGGGAAGGCACCAAAAAGGCAAG G G GCCAGACGAAGGCAAAGACGGCCCAAACCGAGGAAAAGGGGAAGGGGA AGAGGGGCCATAGAAGGAAAAAAGGAAAAGGCCAAGGAAAACCAACAGGG AACGGAGAAAAAAGAGGGGAAAAAAGGAAAAGGGGCCGGAAAACCAAGGA AAAGGCCGGGGAACCGAGGGAGGAAAAGGAAAAGGGGAAGGGGAGAAACC CAGGGAGAAGGAGAGGGGGAAAAGGCCAGAGGGAAAAGGACAGAACCGG GAGGAAAGCGAGGAGAAGAGAGGGAAGGAAGGGGAAAAAAAGAGGAGGG AAAAAAAGAAGAGAAGGGGGAGACCAAGGAAGGGGGAGGGGAGGGACAA GGACCAGGGAAGGGAACAAGAGAAGAAGGGGAGGGAAACCGGCAGAAAAG CAGAGAAAGGCCGGGAAGGGAGAAAGGAGAAGTAGAGGAGAGAAGGAGG ACCGAAGGGAGGGGAGAGGAGGGGGAGAGAGAGCAAGAAGGAAGAGAAA AGGGAAAGAAAAGGGGGAGAAAAAGGAAGGAGAAGGGCGAGAGAGGAAG GAGGAAAAAAAGGGGGGGGAAAAAAGGAAAAAAGGGGAAACGGAGAAAGG GCCAGAGAAACAGGGGAAAAAAAGGGGGGCAAGGGAGAAGGGAAAAAAAA A G G G G G A G GCCGGGAGAAAGGAAGAAGAAGGGGGGGGCCAAAAGGGGAA AAAAGAGGGAGGAGGAAAACGAGAGGGGAAGACACAGGAGGGAGGAAAAA G GCCAGCAGGAAGGAACCGGCCAGGGAGAGGGGGCCAGAAAAGGAGAAG GAAGAAGGGGGAAGGAAGAAAAAGGGGGGGGGGAACCAAAGGGGGGGGA AA $\operatorname{l}$ G G G G G A A GAGGGGGACAGACACAAGGGAGGGAAGGAAGGAAACGAA GGGAGAGAGAAAACCAGGGAAAAGGAAGGCCGGAAGGAAGGAAGGAAAAA AAAGAAAGGAGGGGAGGAGAAAAAACCCAGAAAAAAAGGAGAGAAGGGGA GGGAAGACCACAAAAAAAAGAAAGGCCAACCGAAAAAGGAAGGGGGGCCG AGGAACCGGGGGGGGGGAAAAGGGGAAAAACGCGAGAATAAAAAGAACCA AAAGGAAGGGGGGGGGAGGGGGGAGCAAGGGACGCGGAACCGGAAAACA AGTAAAAAAAGGGGAAAGCCGGAAGGACAGCCAGAAAAAAAAAAAAGAGG ACAAGGAAGAGGCCGGAAAAGGCCAAGAGGAGGAAGGAGGGGAAGAGGG GACGGAAGGGGGGGGGGGGGAAACCAAGGAGCCGGGGGGGGGGGGGGAA AAAAAAAAAGGGCCGGAGGGGGCCCCCCCCGGAACCACCCAAAAGACGCA CAAAGAAAGGAGGGCAAGGGAGCCAAACGGACAAAAGGAAGGAAGGGAGG AAAGCCGGAAGGACAAGGAAGGAAACGGCCAACAGAAAAAGAGGAAAGAA GAGGAGCAAAAAAAACGGGGCCGGGAAAAAAAGGGGAGGGGGGGAGAGA GGGGAGGGGAACCAAGAAGACAAGGAAGGTAAAGGAAAGGAAAGGGAAAA A G G A G G G GAAGGAGGGGGGAAACAAAACCAAAACCGGGGAAAAGGGAGAA AAGAGAAGGAAAAAAGACAAAGGGGAGGATTCCAGCCGGAAGAAAACCCG AA $\operatorname{G} G \mathrm{G} G \mathrm{G} G \mathrm{GA}$ GAACACCGGAAGAAAAACCAAGGGGAAGGGGTTCCGAAGG AAGCAAAAGCAAAAACCGGAGAGACGGAGGAAACAAGAGGGGGAGGGAAC AAAACAGACAGGAGGGGCCAAGGAAGGAAACGGAACAGGAAGGGGAAGCG GAAGGGGAAGGCCCCAAGGAAAAAAAAGGAAGGAAAAGGGGAAGGGGAAG GAAAAGGAAGGGGAACCAAAAGGGGAAGGAAAAAAGGGGGGTTGGCCGG GGGGAAGAAAGGGGGGCCAAGGCAAGAAGAGAAGAGGACAAGAAGGGGG AGAAGAGAGAGACGGGAAAGGAAAAGGAAAGGGGGGGAAAATTAAGGGAC CGAAAAGGAAAAAAAAGTACCAAGAGAGGAAGGAGCAAACCGGAGACGGG GGGTTAAAAAAGGAAACAAACCAAGCAAAAAGGAAAAGAATGAAGGGGAA TAACCGGAAAAAAAGGGAGAGAGGGAAAAGGGAAGGGGGGGAAGAGAAAA GAGAAAACCGGAAAGGGAGAAAAGGCCGGGGACGGGGGACAGAAGAAGCG GAA G G G G GAGGGAACGGAAAGAGAAAAGGGGGGAAAGACGGAGAAGGGG AA G G GAAAGAAAGGGGAGCCAGAAGGGGCCAGAAACGGGGAAGAGGGGA GAAAAGGGGAAGGAAAGAAAGGGAAGGGGAAGGAACCGGGGGGGGAAGG CCAACAAAGAGGGGAAGGCCAGAAGAAAGGAAGGAGGGGGAAGGAGAAAA A GAA $\operatorname{A}$ GGGGGGGGGACAGCCAGAACCAAGAGGCCCACACCGGGGAGGGA G G G ACAA G GCCGGAGGGAGAGGGAAAAGGGGAGCGAAACACCACCAGGGA G G G G G GACCGGCCGAAAGAACGGAAAAGGAGACAGAGGAAGAAAAAGAGA AAAGAGGGGAACCAGAAGGAAAAAGAAGGGAGGACAAAAGGCCAGGGAAA GGGGGACGGAAAAAGAAAAGGGGGAGGCCGAAGAGAGGGGGGGCAAAGG GAAAAAAACCCCAAGGAAGAAAAGGAGAAGGGAACCGGAACCAAAAGGGA ACCCGAGAAAGGGGAGAAAAAAGGAAGGAAAAGGGAAACGGGAAGGAAGG AAGGGGAACACCAAAAGGCCGAAAGGGGAAAAAAGAGGGGAGGAGAGGCC GAAACCAACCGGCACCAAAAGGAAGGAAGGAGGGCCGGGGAAGGGGGGCC

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 A G G GA GAAGGGAGGAAAACCCAAACAAAAGAGGGACGAGGGGAAAACCAA AAGGAGAAGGAACAACAGGGAAGGAAAAAAGGAAAAGGGACAGGGAGGAA CCGAGAAAGGGGGAAAAAGGCCAAGGAAGGGGAAAAAACCGGGGGGAAAA G G G G G G G GAA G GAAGGGGAAAAAAAAGGAAAAAAAAAGGGGAGGAGAGG GGAAGAAAGGGGAGGGAGGGGAGAAAGAAAGAAGACCAAAACCAAACAAA GAAAGCCGAAGAGAGAGAGAGGGCCGGGGAAAAAAAGAGGGGAGAAAGG GAAACCAAGGGGGGGGGGCCGGGGGGAGAAAGGGAGAGGAAAGGGGCCA AGACACAAGGGGAAGAGACAGAGAGCGAGGAAGAAAAGGGGAAAAAAAAA AAAGGGGAAGGAAAGGACCGGGGAAGGGGGAAAGGCCAAAACCCCAAGAG AGGGGAGGGTAAGAGGAAAAGAAGAAGAGAAAACACACAACCCGGAAGGA

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GAAGGGGCCAGAAGGGACCAGGGGGCCGAGGGGCAAAAGGAGGAACAGG AA $\operatorname{l}$ GAGGAGGAAGGGGGGCCGGGGGGGGGGAGAAGAGAGAGGAGAGAAA CGAGGGGGGAAGGAAGGAAGAAGGAAGAAAAAAAAGAAAGAAGACGACAA AGGGGGGGGCAAGAGGGGGAAGGGGAACCGGCAGAAGGGGGAGACAGAG AAAAGGAGAGAAGGGAGAGAGGAAGAGAGGAAGAGGAGAGCCGGCAAAAG GGGAAAAAGGAGGGAGCAGGGGGGAAAAGGAAGGAAGGGGAAGGGGAAG GAGGAAAAGAAAAAGGGACAAGGGAGGAAGGGGGAGAAAGGAGGAGGGG AA GAGAAAGGGGCCAAAAGGACGAGGGGGAGAAGAAAAAAAAAGAGCCGG AAAGAAAAAAGAAGAAAAGGAGAAGAAAAGGGCCGGAGAAGAAGAGGGGG GAAGGAAAGGGGAAGGGAGAAGAAAAGAGGGAAAGAGGAACAGGGGCCG GAAAGAAGAAAGGAGGGAAGGAAGGAAAGAAGGCAGGAAGGAGAAAAGAG AAGAAAGGACAAGGAAGGGGAAGGAAAAGAAAAAAAGCCCACAGGACAAA AAGGGCCAAGAAGGAAAGAACGGAAGGCAGGAGAGGAAACCGAGGGAAAA GCAGGGGAGAAGGGAAGAAGAAAGGAAAAAAAGGGGGGAGGGGAGGAAG GAAAGGCCAAGGAAGGGGGGAGCCGGAAAGAGCAACAAAGGAGGGGGGA GAAGAAGAAGAAAGAGACCAAGGGGGGAAAGAACCGGGGACGACCGAAGG GGGAAAGGGGGGAGGAAGAGGAAGGCAGAGAGGCAAAGGGGAGAAGGGG AAAAGGAAGAAAGAATGAAGAAGGAAAAGGAGGGGAGGAACCGAAGACAA GGAAGGGACCGGGGCCAAGAGGAGAAGGGGAAGGAAAAGGGGAAAACCG ACCAAGGACGGACGAGGCCGGAAAAAGGAGGGGAGGGTTGGAGCCGGGG GGCCGAAACCAGAAACAAGGGGCAGGAAGAAAGGAAGGAGACGAAGGGAC GGAACCAGAACCAGAAGGGGGGCCAAGGAGAAAGGAACGGAAAACCAAAA GGCCGGGGGGGAGAGGAAGGAAAGGAGAAGAGAAGGAGAGAAAAAAGGA AGAGGAGGGGGAAGGAAAAGGGGAGGAAGCCGGAAAACCGGAAAAAAGGA AAAAGAAAGAGAAAAAGGAAAGGAGGGAGAGGGAAAAGGAAAGGGCCGGG AGGGAAAGAAGGGGGAGCCGAGAAAAAGAGGCCGGAGGAGGACGAGGCC ACGGGGAAGGGGAAAAAGGAGGAAACAGACGAAAAAAGGGGGAGGGGAG GAACCAACAAAAAGGAAGGGGGGGGAGGGGGAAGGAGGACCAAAAAACAA GGGCACCAGAAGGGGGGAGCCAAAGCAGAGGAAAAAAAAAGGGGGCCAAA AAAAAGGAAGGGGAAGGAAAAAAGGGGGGGGAAAAAAAAAAAAGGGGAAC CGGAAGGGGAAAACCGGGGAAAAAAAAGGAAAAGGGGCCCCAAGGGGCCA AGGAAGAACGGAAGGGGAGAGACAAGGAAAGGGGAAGAGGAGGGGAAAG GAGGAAAAAGAAGGCAAAGGAGGGGGGGAAGGGGAGGGAAAGGGAGGGG GAAACAAGGAAAATAGGGGTAAGGGCAGGGAAAAAGAGGAGAGGGGGGG AGAGAAGGGGGGGAAGGGGGGAAGGGGAGGGGCCCCGGAAGACCACGAA AGGAAACGGAAAAAGCCGGAGAAGAAGAAAGGAACAAAAAAAAGGAAAGC CGAGGAAGGGAAAGGAGGAACAACCAAAAAAGGGAGAGGGGAGAAGGGAA GAAGGGGGGGGGGAAAAAACCGACAAACCAAAGGGAAGGGAGGAACCGGA GGGAGCCAAGGGAGGGGAAAGAAAAAAAAGGAAAAAAAAGGGGCCGGGGC CGGAAAGGGAGAGAAAGCCGGGGAGAGAGAAGAGAAAAAGGCAGAAAGGG GGAAACAAAAAAAACACGAAAAAGGGGAAGGAAAAAAGAAAAAGGAAAGG AAGAAAAGGAAGGGAAAAAGGACAGGGGGTTGGAAAAGGGGGAGAAAAAG GGGGGGGGGGGAACAAGCCGGGGAAGGAACACAAGGGAGGGAAAAAAGG GAACCAAGGGAAACACAAAGCACCAGGACAAGGGGAAGAAAGGGAGGGGG GGAGAGGGGGGGGGAAGGAACAGGGGAGGGAGAGAAGGGGAATTAAAGA GAAGACAAACCAAGGAAAAAAGGAAACAGAAAAGAGGGAAAGAAGAGGGG AAAGAAAGAAAGGCCAAAGACGAGGACCAAAAAGGGAGGAGGGAAAAAAA AGGGGGGAACCAAAAGGCCAAAAAAGGAAAAGAGGGAGAGGGAAGAAAGA AGGGAGGAAAAGAATAGAAGGAAAAGGAAAAGGAAAAAAGGGGAACCAAA AAACCGGGGAAGGGGGGAAAAGGAAGGCCGGGGGGAAGGAAGGGGGGGG GGGGAAAGACGAAGAGAGGAGGAGGGCCGGAGAGAGAAAAAAGGGGGGA AAAGAAGCCGGAAAACAAGACGGGGGGAGGAAAAAGGGGGGGGGGGGGG AAAAAACCAGGAAAAGACGGAGCATAGGGGCAAGGGGGAAGGGGCCGAGA AGGGGGGGGAGGAAGAACAAAGGAAGGAGAAGGAAAGGAAAAAAGGGAAA ACCGAAAGAAAAGGACCCGGGGAAGGGGCCAGGAAGGGAAAGGGGAAAAA GGACAGAAACGGAGGAAAAAAAGGGGGGGGGGACGGGGAGAGCCCCGGA GGGAAAAAACCGGCGAAAAAAAAGGGGAACAAGCAAACCGGAAGGGGGAA AAGGGAGGGACGGACAGGGGGAGGGAAAGGGGGGAGAGAGGGGGAAGAC GGCCGACAGGAAAAGGAACCAAGGCCAAGAGGGAGGGGGGGGGGGACCA AAACCGGAAAGAGCCCAAAACAACCCCAAAGAAGGAACAAGGGGGACAAG GAACCGGAAAAGGCCGGCCAACCGGCCGGGGGGAAAAGGAAAAAAAAGGA

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 G GAA G G GAAGGGGGACAAAGGGAACAAAAGAAAAAAAAGAAAGAGGGAAG G GAGAAAGGAAAAGGGAAGAGAAAAGACGAAGAAGGAAGGAAGAAAGGAG CCAGGGGGCCAACGGAGGAAGGAAGGAAAACAAAAAGAAACCGAGGAGAG GGGGAAAGAGAGGGAAAGCCGACCAGGGGAGGAGAACCGGGGAAACCGG GCCGGGGAAAAAACCGGAGAAAGGGCCAGCCAAAGCAAACCAGAAACAAG GAAAACCCACCGGAAGAGGAAAACCCCCCAAGGAAAACAAAGGAGAAGGA GGAACGGGAGGCCAGAAAGGGAAGGAAAAGGAGGGGAAGAAGGGGAGGG AA G G G A G G G G A A A A A G GAGGAGAAGGAAAGAGGGAAAAAAGGAAAAAAGG GGAAGGAAAAAAGGAAAAAACCAAGGAAGGCAAAGGGGGGCCGGGGAGGA GGAGGAAACCAAACAGGAGAGGGGCAGGAGAAGGAACCGGGGGGGGGAG GAGAAGGAAGGAAAAGGGGAGGAAAGGAACCCCGGAGGAGGGGAAAAAG G G G G G A G G G G A GAACCGGAACCAGGGCCGGCCAGACAAGACCGGGGGGC AGAGGCCAAGGGGGGAAAAAAGGAAACAGAGAGAAAACCGGAAGGCCGGA AAAGAAGAAAAGACAAAAGGGGGAAGGCAGGAAGGGGGAAGAAGGGGAAG GAAGGAAGGGGCCAAGACCAGGGGGGGAAAACCAAAGAGGGGGAAGGGG
 A G GCGAGAGAAAAGAAGCCGGAAGAAGGCCCGGACGGGGGGGGACGGAA AA $\operatorname{l}$ GGGAGGGAAGGGAGGGGGGAGGGGGGGGGGGAAGGAAAAGGGGGGG GACAAAAGATTGAAGAGGGAAAAAGAGAGAGAGGAAGGAAGGGAAAAGGA AAAAAAGGGGAAGAAAAAAGGAGAAGGAAGGGGGGAAAGGAGGACAGAAA GGGAACCGGAAGGCCCAGAGGGGACAGACAGGGAGCAAAAGCCGGGAGAG GAAACAGGGAGGGCAAAAAAACAAGGAAAAGAAAAAAGGGGGAGGAAGGG AAACCGAAAGGGGGACACAGACCGAAAAAAAAAGGGGGGGGGGGGCCAAA GGGAGGAAAGAAACCGGGGGGAAACGGGGAGCCAAGGAATTCCAAAAGGG GAAGGCAAGACAGAAGGAGGAGAGGGAAAGGATAGGGGGAAGGGGGGGG AAAAAAGGGGAAAAGGGGGGAAGGGGAAAACCAAGGGGAAGGGGAAGGG

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GGGGAAAAAAAAAAGGGGTTGGAAGGAAAGGGAAAAGAGGCCAGAGAAAA AA G GAA $\operatorname{A}$ GGGAAGGGGGGGGGGGGGGAAGGGGGGGGAAGGGGCCGGAAT TGGAAGGAGAAAAAAAGAGAAGGAGAGGGAAGAAGACGAGGAGCCGAGGA ACAGGGGAAAAAGGAAGACCCGAAGGGAAAAAACCAAAAAGAAAAGGGGG GAAGGGGGGAAAGAGGGGCAGAAGGCAAGGAAGGAAGAGGAGGGGCCAG AAAAACCCAGAAAGAAGGGGAAGGGGAGGGGGAAAAAAGGGAGGGGGGA AA G G A G G G G G G AAGGAAAAGAGAGGAAGGGAAAAGAAAGAAAAGGACGGA G G A G AAACCAGAAGGCAAGAAAGCAGGGGGGGGAAACGGGGGGCCAAAAG GGACAAAAAAGAGAAGAAGGGGAAAAAGAGAAAGAACCCCCGGGGAGTTG
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 A G G ACAAGAGGAAGGAAAAGGGAGGAAGGAAGAGGGGGGAAAAAAGAGG AAAAAATTCCAGGGGGAAGAGAGAGAGAAAGAGAAAGACAGGAGCAACCA AA G G GAAAGGAAGGCGGAAGGAAAGGGGCAGAGGGGGGAAGACCAGGAG GCCCAAAGGGGGAAGAAGAAGCAGAAAAAGACCAGAAGAGAAACAGAAGG GAAGACCGGAAGGCCAAAAGAGGGGAAAAGGCCGGGGGAGAGGGACAAG GAGGAAGGAGGGGGGGGAGAAACAGAGGCCAAAAAGGGAAGGGAGAACG GGGGAGAAAAGGGAAGAAGAGAGGGGGAGAAGGAGAAGACAATCCGGGA GACAAAGGGGGAGGAAAAAAAGAGGGAGAAGGAAAAAAAGCCGGAAAAGG AGGAGAAGCCAAAGAAGGAGGAGGGGGATAACGGAAAAAAGGGGAAAACC AAAAAAGGGGGGGAGGCAAAGGAAAGAGGGAGGAAGAAAAGGGGAAAGCA GACAGGAAAAAGGGAACCCGGAAAGGAAAAGGGGCCAAAAACAGAGAGCC AGAAGAGAGGAGGAAAAAAGACGGGGCAGAGGGGAACCAAAAAAGAAGAG CAAAACGAACGAAGAGACGACCAGGGCAGGAGAGGGGAGGGGCCACAAGG CAGAAACAAAGGAAGGGGAGAAGGAGAAAGAAAGGAAAAAACAAGGAAGG GGGGCCAGGGGGGGCCAAGGGAAGGAAGAAGGGGGGAAAAGGGGAACCG AA G G A G G A A G G A G GAGGAGCAAACAGGAAAAGGGGAAGGAAAGGAGAAGA G G ACCGAAAAAAAAAAAATAAGGCAACACGAAGGGGGGGGGGGGGAAAAA GGGAAAAAAGGGGACGGAAAAAGGAAAAACCAAAGCAGGGGAAAAAAAAG G G G G G A G G AAAGGGGAAGGAATTAAAAAACAGAAAAAAGGGGGAAAAAGA G G G G G G G ACAAAGACAAAAAAAAGAAGGGCCGGAGACAGGACAGAAAAGG GAAAATTAACCAAAAAACCAAAAGGGGAAAAAAAACCCCAAGGAAGGGGC CTTGGGGGGAAGGAAAAAAAAAAGGCCGAGGAAAAGGAAAAAAAAGAAAG G GAAAGGGGAAGGGGAAGGCCGGGGAAACGAAGAGAAACACAACCGGAAG

AAGAAAGAAGGGGAAAAGGGAGAGAGAACCCCCCCAGCCGGGAAGGAGAC CAAGGGGGGGCGGCAGGAGGGGGGGAAAAGGAAGGGAACGAAAACAGGG GACCAGCACAACAACCGAAGCCGGAAAAAAGGAAAAACGGGGAAAACCAA AAAAAAAAAGGAGGAGAAAAGGGGCCAGGAAAGAGAGGGGAACCAAAAGG CCGGGGGGGGTTAGAGGAAGGAACAGAGAGAAAAGGAAAGAGAAGGGGC CGAGAAGCAAGGGAGGAGGGAAAGAGAAACCAAAAAAGGAGGAGGGGGGA AGGAGGAAAGAAAGAAGGGCAAAAAAGACGAGGCCAAAAAAACCAGGAAA AAAGGAGAGGAGGAACAGGGGAAGAGAGGGGCCGAAAGGGAAAGGAGGA GAAGGGAGAAGAAAAAGGAAGGGGGGAAAAAAGGAAGAGGACAAAAGGGG GGCCAAAAAAGAAAAGAACCACAAAACAGAAGGGGGAAAGGACCGGGGGA AAACGGGAAGAAGGAGGGCAGAGGGAAGAGAGGAGAGAAGAGAGGAGAA GAGGGTTGAGACCGGAAGGGGGGAAGGGGGAGAAAAAGGGAAGCCGACC GGAAGGAGGGCCAAAAAGAGGATTGGGGAAAGGGAACCAAAAAAAAGGGG AACAAGACAAAGCGGGCAAAGAGGGGCCAAAGCCGGGGGGGGAATAGGGG GAGGGGGAGAAAAGGGAAGGCCATCAGGGGGGGGAGGGGAGGAAAAAGA AGGAACCAGGGAAACACAAAAAAAAAAAAGAACAGAGAAAAGGGGAAGAG GAAAGGACAAGGACAGGGGCCAGAACAAGAACCGAAAAAAAGGAGCAGAG GGGGGAACAAGAAGGGGGGAAGGAGAAAAGGCCAAAAAAGGGGAAGAATG GGGAAGGAGAAGGGAGAGAGGGAGAAGAGGAGGGGAACCGGAAAAGAGG CCGGAAGGGGGGAAACATAAAAAGAGAAAAATGAGGAGCAGGGGAAGGAA GGGGGGGGCCGGGGAAAGCCAACCAGAAAAAAAAACGGAGGGACAGAGAA GGAACCAAGGGGCAGGCCGGCCGGCCGGAGGAAGGAAAAGGGCCGAAAAG GGAAAAGGAAAAAAAAGGGGAAAAAAGGAAGGGGGGGGAAGGAACCAAAA GGGGGGGGCCGGAAAGAAAGGAGGTAGGAACAGGAAAGGAAGGGAAGAG GAACCAAAAAGGAAACCAACAACGGAAAGGGGGAAAAAGGGCCGAGGAAA ACCGGAAGAAACCAAAAAAGAGAAACCCCGGGGCCGGAAAAAAGAAGGGA ACCCAGGGGGGAGGGGGAAGAGGAAGAAGAAAGGGAAAAAGAGGGAAAG GGGGAAGGGGGAAAAGAAAGAGGGAAACGAAAAAGGGGGGAGGGAAGGA AGGAAAGGGGAAAGAGAACCAAGCCAAGGAGAGCAAGGAGGAAGGGAGAA AGGAACCGGAAAGAGAACCGGGGCCAAGGAAGACAAGACGGAAACGAGAG GGGAAGGCCAAGAAAGACCAGGAGGAGAGGGGGGGGAAAAAAGAAGGGG GACCAAAAGGAAAAAAGGAGGGAAGACAGAGGGAAGGGGGGGGGAAAGG GAAAAACCCAACCGGAAGGTAGGCCGAAATACAGGGGAAAAAACCGGGGA AGAAACGAAGACACCGGACAAAAGGGAAGAGGGAAAAGGAGAAGAACCCA GCCAGGGAAGGAAGGGGAGCCGGGGAGGACCCAAAGGAAGGGACAAAAAG GAAACCCGGAGAGAAGAGGAACCGGGAAAGGAGGGCCGGGAGGAAACGGA AGGGGGAGAAGGGGGAGAGGGGGCAGAAATAAAGAGGGAGAAGAGGGGG CAGGAAGGCCCCGGCCGGCCGGGGGGGGAAAGAGGACAAAAGAGAAGGG GGAGGAACCGGAAAGAACCCCGAGGGAGGCCCCAAAAAAAAGGCAAAGAA CGGGAAGGGAGAGGAGGAGGAGAAAGGGAGGAGGGGGGGGGAAAAGAAA CAGGGGGGAGGAGGAAGAAAAGGGAAGGAGAGGAGAAAGGGGAGGAAGG AGGGAGGGAGGAAAAAAGGGAGAAAAAGGCCAGAAGGAAAAAAGAAAGGG GGGAGGGAGGGGGAGAGAGGAGGAGGGAGAGGAGGAAAAGAGAAGAGAA GGGGGGGGGGAACCAAAAACAGAAGGAAGGAAGGGACAACAGGGCCAAAA GAAGGGCGAGAGGGCAGGAACCGGGAGGAGAGGGCCAGAAGAAAGAGGG GGGGAGAACAGCAAAAAAAGGGGAAGGAGGGAAGAAACCACCCAGCCAAC CGAAGAACAAGGAAAAAAGAGAGGGGGAAGGAAAAAAGAAAGGAAAAATG AGGGAAGGGAGAGAGAGGAGGAAAGCCAAAAGGAAAAGGGGGGAAGGAC GAAGAGAGGAAGCCGGGGGGGGGAAGCCGGGGCCCAGAAGAAAGAACAAA AACCACACCAAAAAAAACGGGAAGAAAAAAGGGGGGGATAGGGGCCGGGG GACCAGGGGGAAGGAAAAGGGGGGCCAAGACCGAGAAGAACCCCAGAAGG AAGGGGCCAAACCAGGAAAAGGAAAGGGGAAGGGAGCCGGAACCAGGGGA AAAAAAGGGGCCAGACGGAAGGGGCGAAAGGGGCAACCGGGGAGAAAAGG AACAAGCCGGGAAAAAGGGGGGAAAAGAGGAGAAAACAGGGGGGACGGAA AAAAAAGGAGAAAGAGAAGGGGAAGGCCAAAAAAGGGGAAAAGGGGCCGG AA G GAAAAGGAAGGAAAAAACCAAAAGGGGAAGGAAAAAACCGGGGAAAA CCAAGGCCAAAAAAAACCCCAGGGAAGGGGAAGGGGGGAAAAAAGGAAGG GGCCGGCCAAAAGGAAGGAAGGAAAAAGAAAGGGAGAAAAGAGGCCAACA AAAGAAAAGAGGAGGGGGAGGGGGGGGGGGGGAAGGGGGGAGAGGAGGC GGGAGGGGGAGGGAAAAGGGGAAGAAGAAAGGGGGGAGGAAAAGAGAGG AAGAAGGAAGCCGGAGCCGGAAAGGGGAAGACGGAGGAAAAAAAAAGAGA

GGGGAAAACCCCGGAGAGGGGGGGGAGGGAAACCGGGGGGGGAACCCCG A G G G GAA $\operatorname{lng} \operatorname{GGCAAGAGCAAAAGGGGGAAGGCCAAAAGGGGCCAAGGAAA~}$ AAAGGAAAAGGAGGGGAAGAGGAAAGGGGAAGGAACCGGGGGAAGAAAAA GCCAAAAAAAAGGGAAAAGGAAAAAAAGGAACAGAGGAGGAGACCGGGGG GAAGAAAAAAAGAAACCGGGGGGAGCAAGGGGGAGGAAAGAGAGAAAAAC CAGAAGGAAAGACAGAACCCAGGACGGGAGGACGAGAGAGGGGAAGGGG GGGAGAGGGGGGAACCGGGAAGAGGGAAGGGGCCAGGGAAGGACCAAGG ACAGGACGGGGCCGAGAGAGGGGGAAAGGAACCGGAAAAGAAGCAGGAG GGGGCCAGGAGGAACAGAGGAAGAGGAAAGGGGAAAAGAGGGGACCGAA GGAGGAGGCAGGGAAAAGGGGAAGGAGAGCAAGGGAAAAGGGGAAAAAA GAAGGGAGGAGGGAAAAAAAAAGAAGGAGGAAAAGGGGGGGGAGCAGGG GGGAAATGGAAAGAGAAGGCCACGGGGAAGGTTAAAAAATTAGCAGGGAA AGCGAGAAAAAAAAAGGAAGGGGAAGGCCGGAGGGAAGGGGGGACGAAAA ACCGACCAGCAGGAAGGAAGAGGGGAAAACAAAGGGGAGCACACCCAGGA ACCGAAAGGCAGGGGGGCCAACCGGGGAAGGGGAAAAAAAAAAAAGGAAA A GAAGAGGAGGGAAGAGGGCCAACGATGAACGAGGGGGAGGAGAAGGAA G GAACCAGAAAGCCGAGAAAAAAGGAAGGGAAGGCCGGGAGGAGGGAGAA AAGGGGCCGGAAGGAAAAGGAACACCAAGGAGAGAGGGATAAAGAGGAAT AGAAAACAAAAAAAAACGAAACGAGGAAAAGGAAACAAAAAGGGAAAGGG GAGGGAGGAGGGAGCAGAGGCACCGAAAGGAGAACGTTAAGAGGGGAAAA GAAGGAGGAAGGGGGAACAGAGAGAAAGAGCCAGAAAAGGCAGGAGGACC AAAGAGGAAGAAAGGGAAGAGACCTTGAGAAGACAAAAGGGACCAGAAAG AA G GAAGGAACCAAAAGGAAGGAACCGGGGGGAAAGAAGGCCAAGAAAAG GAAAAACAGGGGAAGGCCAAGGGACAGAGGAGGGAAAGGAAGCCGGGGG GAAA $A$ A G G G G G G GAAAGGAGGAAAGGAAAGGGGAAGAGGGGGGGGAAGG GGAGAAAGAGGGAAAAGGCCAAGGAAGGAAGGAACCAAAAGGAAGGAAAA CCCAGAGGGGGGGGGGAAAAAAGGGAGGGGAGAAAGAGAACCGGAGGGA G G G G GA GAGGGGAAGAAGGGGACAAAGGGGGCCGGAGAAGGAGAGACAG GAAAAAAGAGGGGAAGCCACGGAAGGAAGGCCAAGGAACCAACCGGGGAA AAGGAAAACCAACCAACCAGGGAGAAAACAGACAGGGGAAACAAGAGAAG AGGAAGGGAAGAAAAGACAGAGCCGGGAAAGGGGACAAGGACGGAAGGG G G GAAAGAGGAACGAAAGGGGGGAAAGACGAAGAGGAGGGGAGGGAAGG AACCGGAAAAGGCCGGAGCAGAAGGAAGGGGGGGGGGGGGGAGAAGGAG GAAGGAAAAAAGAGGGGAAGAGAAGGAGGGACAAGCCGGAAAACAAAGGT TGGAAGAAGGGGAAGATCACCCAAAGGACAGAGAAGGAAAAGGAAGGCCA ACCCAAAGGAGGGAAGGGGGAGAGGCCGGGGGGAAAAGGAAGGAAGAGG AAAAAGAAGGGGAGCAGAAAGGAGGAGGCCAGACAGAGGGGGGGAAGGG G G G G G G G T T A A A A A G G G G G G G G G G G A G G G G G G G G A A A C A A G G G G A G A G G G AAAAAAAGGGGAAGGGCAACAGGGAACCAAAGAAGGCAAACCAAAGAAGG GAGAAAAAGGAGCCAGGGAAGGCCCACCAAGGAAAAGGAAAGACGGGGAG GGCCAAAGGGGGGGGAGAGAGGCCGGGGGGGAAGACGAAAGGGGCCAAA GGGGGAAGGAGGAAGGAGAGAAGGGAGAGAGACAGGAGGAAGGAAGGGG AAAAGGGGAAAAGGGGGGAAGGGGAAGGCCAAAAGGAGAAGGACGAAGG GAAGGAGAGAAAGCCGGAAGGGAGAGGGAGAAGAAAAGGAAAGAGGAAAA AAAAAAACCAAGGAGGAAGGGGGGGAAACGGAAGGAAGGAAAATTGGGGA A G G G G G G G A A G GAAAGGAGGAACAAAAGGGGACGGGGGGAAAAGGGGCC GGGGCCGGGACCCCAAAAGGGGGAGGAGAGGGGGAAGAAGAAGGGGAAA AGGAGGGAAAGGAAGGAAAATACAGAAAAGGCCGGACAAAAAAAAGGAGG GAAGGAGGGGGGGCCGGGGAGAAGGAAAAGGAACCAAGAAGGGAAAAAAA GAAGGGAAAAGGGAGAGGAAGAGGACCAAGGAACCGAACAGGGAAACAAA G G G G G A G CCGAGAAGGGGGGGAGGGGGCCAAGGGGAAGGGAGGCCGACA AGAGGAGAAAAAGAGAGAAAAGCCAGGGGGCCGGGAAACAGGAGGATTAA AAAAGGAAGAGGAAGGAGAGGGAGGGGGGAGGGGAAAGGGAAAAAAGGG G GAA GAAAAGAAGAAGGGGGGAATTAAGGGGAAAAAAGGGGAAAAGGGGA AAGAAAAGGGGAAGGAGGAGAAGCCAAAAGGGGCAGGAGCCGGACAAAAA AGAAACCCCGAAGAGAAAAGGAGAGAAAAAAAAAAACGGGGAAAGAAGGA A G G G A GA GAGGAAGGACGGAGGGGGAAGGGGAAGGAAAAACAGAGGGGG AGGGCCGAAAACACGAGGAGAAGAGGCCGGGGGGAAGGGAAAAACAGGAA AGCCGAAGTAAAGGGGAGGGCCGGGAGGGGAAAGAAAGGACGAAAAAAGG GGCCGGAAAAAAACGAGGAACCCCACGGACGGAGGAAGAAAGGGGGAAAA AA G G G GAAAAGGGGAAAAAAGGAAGGAGAAGGGGGGAAGGAAAAGGGGA

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AA GACCCAAGGGGGCCAACCGGGGAGGGGGGGGGAGAGAGGGACGGGAA GGAAGGGAAAAAGGAACGAAAAGGGGGGGGGCCAGAAGGAAAAAAGGATG GAAGACCGAGGAGAGAGGAACCGGGGGCCACAAACGAAAAAGGGGAACAG GAGAGAGGGAACCAAAAAACCACAGAGAACGGAAAAGCCAGGAGGAGAGA GAACCAAGAAAGGAACCAGGAAAAAGGGAAAAGGAAACCCCGAGAAGGGG CAGACAAAGCCGAGAGGGGGAGAGGGGAACCGGCCAAGACCGGGGGGAG CAAACAAACCAAGGAAAGAAGGAAAGAGGGGGAACCAACAGGGGAAGGAA AAAAAAGGAAGGAAAAGGGGCCGGCCCCAAAGAAAGGGGGGAGGGGGGA GAGAAACAACCAGAAGAGGAAAGGAGAGGAAACGGTTGAAAGAGGAGGGG AAAGGAAAAGGAAAGGGAGAGGACCAAGGAAGGAAAAGGAAAAGGGGGCG GGACCAAAAAAGGAGAGAGAAGGGAGGAGAAAAGGAGAAGACAAGCCAGG ACAGGAAAAAGAAGGCCCCGGGGGGGGGGAAAAGGGGAAGGAACCAAAAG GGAGGAAGGCCGGGGGGAAGAACGGAAAAGGGGCCCCAAAGGAGAAAGAC GAGAGAAGGGGGGAAGGAAGGGGAAAAGGGGGAGGGAAAGGAGAGAAAA GAGGGCGACAAGGAGGCAAGAGGGAAGGAAAGAAGGGAAGAGAAGGGGA AGGAAAAAACCAGAAGAGAGGGAAAGAGAGGGGGGAAGGGAGGCCGGAAT TGCAGGACCAGGGAAGAAGGAGGAAATAGGGGGAAGGGGAAGGGGGGGA GGGGGGGGCCAGAAAAGAAACCGGAGAGGGGAAGGAGGGGGGAGAGAAA GGGGGAAAAGGCCGAGGAAGGAAGGAAAAGGAAAAAACCGGAAAGGAAAA GAAGGGGAGAAGAGAAGAGCCGGGGAAGAGAAGAGAGAAGGGGAGGGAC AAAAAGGGAAAGAGAAAGAGAGAAGGGAAGGAAGGAAGGAGGCAGGGAG GAAAAAGAAGGGGGGGACCCCGGAGGAAAGGAAAGCCCCGGGGCAGGAAA AA G GAGGCCAAAAAGGAGGAAAGGAGAGGAAAAGGGGACACGAGGCCAAG A G G G G G G GGAGAACCGGCAAAAAGGCCGGAAGGGAAGGGCACCGGAAGA GAGGAAGAGAGGGACCAAGGACCCGGAAACAAAAAAGGAAGGAAGAAAGG GAGGAGAAAGGGAAGGAACAAGGAGGCCGGAAAAAGGGGAAGGGAAGAG GGGCAAGACGGAGAGGGAACCCCAAAAGGGGAAAAGGAAAACCGGCCGGC CAGATGAAAGACACCGGGAAAGAAAAGTAGGGGCCATGGGGGGGGGAAGA GGGGGAAGGCCAAAGCCAGGAAAAATTAAAAAAGGAAGGAAAGAGGAAAA AGAAAGGAAAAAAAAGGAACCCCCCAAAACCAAAAGAAGAAGAGGAAGAC AAAGGGACCAGGGAAAAGGGGAAAAAAGGAAAAAAAGAGCCACCAGGCGG GGGGAGAGAGGGGAAGGGGAAACAGAAAACCAGGAGGCCAAGGGAGGCA AAACGAAAGGGGAGAAGGGGAAGAGGAAGACAGGAAGGAAGAGAAAGGAA AAAGGAACAAAAAGAAAGCAAAAAAAGGAAAGCCGGGGAAAGACAAAGAA AAAGAAAACAAGGGGGGGCCAGACAGGAAGGAGAGACAGGGAGAAAAAAA GGAAGAGGGACCACGGGGGGAAATGAAGCGCCGGGGAAAACCGGAGGAAA GGGGGGGGGGAGAGCCAGAGAACAAAGAGAGGGACCGGAAAAAAAGGGG GGGCAGGGGGGAAGGAGGGGGCCGGAAAACCGGAAAAAATTAAAACCAAA ACCCCAAGGAAGGAAAAAAAAAGGGGGAAGGAGGGGGAGACGAGGAGAGG GAGACCAGGAACAGCGAGAAGAGGAAAGCGGAGAGCCCAGGAAGGGGAAA AACGGAAAAAAAAAAGGGAAACCAGAGAGAGAAGGAAGGGGGGGAGAGGG AGGAGAAAACCAAAAAGAGGGAGCAAAGAGGGAAGAGGAAGAGGAGGAAG GGAAGAAGGAAAAAGGAAAGGGAGGGGAAGGGGACGGAGAAAAAGAAAAA GAGGAAAGAACGGGGAAGAAGAGAACCAAAAGGGGGGATGGGGAACCGAA AAACAAGGGGGAAAAGGAAGGCAAGGGAAGGGAAGAAGGAGACGAGGGG AAAATTGGGAGGGAAAAGGACAGGCAAAAAGAGGAAAGGGAGCAACAAAA AAGAAGACAACGCCGAGGGGAAGAAACCGGGGGGGGGGAAAAGGAAGAAA AAAGGGGGGGCCGGAAGGGGAAGGGGAAGGAAGGAACCGGAAGGAAGGA AGGGGAAGGAAAATTAAAAAGAAGAAGAAAGAAAAGGAAAAAAAAAGGGA AGGATAACCAGAGAGAACCCAGGAAGGAAAAGGGGAACACAAAACAAGGA AAAAAGAGAGGGGAAGGAAAAGAGGCCAGAATAAGGAGGGAGGAGAAGGA GGGAGGGAAGGAAGGGGGGAGAACCCACCGACAGGAAAGGGAAAGAAGG AAGGGAGGAAAAGGGGGGGGAGACGAAAGGACAGGAGGAGAGAGGGAAA AGAACGAGGGGGAAGCCAAGAAAGGCCGGAAAAAAGGGAGACCGGAAAAG GAAAAAAAACAGGAAAAGGGAAACCAGAAGAAAAAAACCCACCATGGAGA AAGAAGGAACCAAGGAAGGGAGGGGAAGGAAAAGGAACCAAGGGGCCGAT AGAAAGGGGCCAAGAGGAAAAAAAAGGAAGGAAAAGAGGGGAGAGCCGGA GGAAGGGCAACAAAGAAGGGGAAAAAAAAAAAAGGAAAAGGGGCAAAAAA AGGGAACGGAAGAGAGAACCCAGGAAGAAGGAAAAAAGGGGAACCGGCCA AAAGGAGGGAAAGGGAAAGGAGAGAGAGGAAAGAGGGAAAAAGAGGACCA AAAGGAGAAAAAAAACACAGGGGAAGAGAAGGGAAAAAAGGGGAATAAAC

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 A G G AAAAAAAAGGAGGGGGGGGAAGGGAGACCAAACCAAAAGGAAGGAAA AAAAAGGGGGGAAGGAAGGAGCCGAAAGGCCGGACCCAAAAAGACGGACG AAAGAGGGGAAGGAGAAGGAAGGCCAAGGCCGGGGGGGGCCAATTGGAA ACAGGGGGAACCAAAAGGAAAAGGCCGGCCAACCCCGGGGCCCCCCAGCC AAAAAGGCGGGAGGGGGGAAAACCGGAGGAAAAGAAAAGGGGGGAAGGA AA G GAAACCGAAAGGGAGGAAAAGGGGAAAAGGGGCAGAGAGGGGGGGG GAAGGAGGGGAAAAAAAAGGGGAGAACCGGGGCCCAACAAGGGGTAAAGA AGAGGAGGAAGGGGAAGGAAGGAAGGACAAAGAGGGAGAGAGCAAAGGG GGAAAAAGGCACCAGGAGAAGGAAAGGAGAACCGGAAGGAGGAAGCAAGG GAAGAAAGGAAAAAAGGAAGAAAGGGGAGTTCGGGAAAAAAAAGGCCAAA AAAACAAAAGGAAAAAAAAGGCCGGGAACAGACAAAAAAAAAAGGGGAAA AGGCAACAAAACCGGAAGGAAGGTTAGAGAAAGAAGGGAACGGAGGGGGA ACAGAAGGAGGGAGGGAAGGGGGGGAGACAAAAAAAAGAGAGGCCAGGAA AGACCAGAACCAAAAAGTTAAAAAGAAGGAAAAAAGGAAGACCGGAGGGG A GAGGAGCAGAAAGGAAAAAGAGAAGGAGGGGGGGGGAAAAAAGGAGCCA AAAGGAAAAGGGGGGAAGGATGGCGGGAAGGGGGAGGGAACCCAGACAG G GAA $\operatorname{GAA}$ A GAAA G GAGAGCCGGGGGAAGGAAAGGACCAAACCGGAAAAGG AGAGGAACGGGAGACGAAGAAAGGAAGGAAGGGGGGGAAAAGAGGGGGA AAAGGAGGGAAGAAGAAGGGGGGGGGGAGCCGGAGGGGGAAGGAAGGGA G G G A G GCCAGAAGGGAAGGGAGGGGGAGAGAACAGGAAAAGGAAAGCCG G G G G G A G CCGGGACAAGGGGGCCAGGAGAGAAAGGAAAACCAATTGAGAA AAAGGGGGGAGAAGGACAAAAGAGGAAGGCCGAAACAGAAGCCAAATGGG ACCGAAAAGAAAGGGAGGGAAGGGACGAGAAAGACCAGAAAGAAAAGGGG G G G GAAAAAAAGGGGGGGGACAAAAGGAGGGAGGAAGAGGAGGGGGGGG ACAAGGCCAAGGGGAGCCGGAAGACCGAAAAGAAAAGGAAGGAAGGAGGG GGAAGGGAGCGAGAAACCAAGAAAAACCGGGAGGAAGGGGAAAAATGGAA AAGGAGCCAGAAAGGACCAAGGAGAAAGAGACGAGGAAGGGGGAGGAAGG GAGGGAGGAGAAGGGAACGGAAAGGAAAAGAACCAACCAGAAAAGAGAAG AA GAAAGAAAGGAAAAAGAAGGGCGGGACCAAGGAAGGGGACGAAAAGGA AAAAGGAAGAAAAGGAAAGGGGAAGGGGGGAGAAAAAGGAGGGAAAGGG GTAGGAGAAAGAAGGGGGAGAGAGGGACGAAGGGGGGGGGGGAGGGAGA GGGAGGAAAGGGGGAAAAGGAAAAAAGAAGAAGGCGAAGGGGGGCAAGG GAGGAGAGAGGAGGCAAGGGGGGGGGAGGGGAACAAAGGGGAAGGAGGG AA G GCCGGAAGGGGAAGGGGAACCGGAGGACCGGAAAAGGCAAGAAAAAA GAAGAAGGGAAAGGAGGACAGCGGAAGGAAGGAGAAGGCCAAGGGGGGG GCCAAGGGGGGGGAGAGAGGGAAAGGGAAAAAAAACCAAAAAAAGGGGGT AAAGGGGGAAGGGCCAGGAGAGAGAGAGAAAGGGGGGAAAAGGACAGGA GGGAGGAAAAAAGGAACCGAGGAACCAAGGACACAGAAGGAGAGAAGGAG AGAGAAAGGGAGGGAGAGAAGGAAGGGACCGGAAAAGGAAGGTTGAGGG AAAGACCGGGGAAAAGGGGGGAGAAGGAAGAGAAAGGGGGGGGGGAAAA AAAAAAGAGAGGGAGACCGGCCCAAAGGGAAGGAAGAAAAAAGGGGAGGG AGAAGAGGAGGGGGGAAAAAAGGGGGCCAAGGAAAAGAAACCAAGGAAGG AACCGGAAGGTTAACCAGAAAGAGAGGAAAGGCCAAGGCCAGAAGAAGAG ACCAGGAAGGGGAAAAAAGGAAAAGGAGAGGAAGCCAAGAGGAGGGAAGG G G G G G ACCGGGGAAGGAAAGGGAAAAAAGGGGGGGAGGGGACGAAAAAG AAAAGAAAAACATGCAGGACCCCACGGGGGGAAGGAAGGGGAAAAGGAGG GCCCCAAGGAAAGAAGGGAGGGGGAAAGGCAGAAAAAAAGAAAAAGGCAC CGGAAAGGGGGAGAAGGAAAAGAAGGAAGAAGGAGAATAGGGGCACCAGG G GAAAAACCGGAAAAAAAAACAAGGCCGGGAAACCAGGAGAAAAGGGGGG G G G GAGGAAAGGGGAGACAGGGAAAGAGGAACCCCGGGCAGATGAGGGA GAGGCCAGAAGAGCAAGAGGCCGAGGGCGGAGAAAGGAAGAGAAGAGAAG AGAGGGGGAAAAGGAACCAAACGGACGAGGGAAGGAGGGGAAGGATAGCC GAGGGAGGACTTACAGACAAGGGGGGGGGAAGAACGGGGGAGAGCAGAG GGCCAGGAAAAACGGGGGGGGAAGAGAAGGGAAGGCAGGAAAAAAAGACA AAAAGGGAGGAAAAACCAAAAAAAGCCAAAGAAAAACAAAAAGAGAAAAAC CCAAAGGGGGAAAGAGAGGGGGCCGGAAGGGGCAGAGGAAAAAAAAAACC

GGGGAAGGAAAAGGAAAAAAAAGGAAAAGGGGGGCCGGAAGGAAAAGGAA GGCCGGGGGGCCAAAAGGAACCAAAAGGAAGGCCAAAAAAGGAACCAAAA GGAACCAAAAAAGGAACCGGAAAAGGAAGGAAAAAAGGGGGGAAAACCCC AAAAGGAAAAAAGGGGAAAACCGGGGGGAAGGGGAAAAGGCCAAGGGGAA CCGGAAAAGGCCGGGGGGAAAAAAAAGGAAGGGGGGGGGGAACCAATTCC AAAAAAAAGGAAGGAAAAAAGGGGGGGGGGGGGGGGCCGGGGAAGGAAC CAAAAAAAAAAAAAAGGAAAAAAAAAAAAGGAGGAAGGAATAGAGGACCA ATTGGAACCAAAAGGGGGAGAGGAGAAGGCAGGGGGGGGGAAGAAAGAA AACCGGGGAAGAGGGAGAGGAAGGGACCGGCCAAAAAAGGAAGGGGAAGA GGGAAAGGAACCAAGGGGCCAAGAGACAAGAAGGAGAACCAAAAAACACC AAAAGGAAAAGGAAGGAAAGGGAGAAGGAGAGAGGAAACACCGAGGAAGG GAAAACCCGAGAGAAAGAAGGGAAGGACGGGGGAAAGGAAAGGACCACAA GAGAAAGGAAGGAGGAGAAAACAAAGCGAAAAGGCCAAGGAGAGGGCCGG GCGCACGAACAGCCGGGGGGGGAAAAAAAAGGAAAAGGGGGGAAACGGG GAAAAGAAAAGAGGGGGAGGACAAAGAAACCAGGAAAAAAAAAAAGAGGA AGGGGCCAGGGCCCCCCGAAGGGAAAAGGGGAGGGGAGAGGGGAAAGTT CCGGGGCCCGAAGGGAAAGGAGCAAAAAGGAGAAAGGAGAAAGGAAGGAG AA GGAAAAGGAGGAAGGGCAAAAGGGCATAAAAAAAGGGGGGGGGGGGG AAAAAGGAACCGGGGAAGGAGGGCCAAGACCGGAAAAGGAAGAAAGAGAG ACAGAAAAGAACCCCAAGGAAAAAGGAAAAAAGAAAGAAGGAAAAGAGGG AGAACCCCCGGACAGCCAGGAGGGAGGGGAAAAGAAAAAAGGGAGAAGGA A G G G GA GAGGAGAGGGGGGAAGGGGAACCAAAGGAGACCAGGAGGAAAA AAAAGGGGGGGGGGAATTGGGGGGAAGGGAAAGGCCAAACGGAGGAGAG AAAAAGGAGAAGGAAAAAAAAAAAAGGCCGAGGGAAAGGAACCGGGGGGA CGAGGAGGGAAAACCGGCCGGGGGGGAAAAAAACCCCAGGGGGGGGAGG GGAAAGGAGACGCCACGGGGCCGGAAAAAACCAACCGGGGGGGAAGGGAA GACAGGGGAGCCGAAAAAAGGGAAGGGAGACGAGAGAGCAGAGGGGGGA GACGAGGCCAAAAAAGGAAAAAGCAAAGGAAAGAAAATAAAGGGGGGACA GAGAGGAGGAATAGAGGAAGGAACCAGGGAAAGGGAAGAAAGGGAGGAG CCGAAAGGCCGGAGAAGAAGAGAAGAAGAAAAACAAAAAAAAAAAAAAAA GGAAAGAAGGAACAGAGACCCCAGAAAAGGAAAAAGGAGGCCGAAACCGG AATAGGCCGGAAAAACGAAAGAAACCAGACAGGAGGGAGGGGGGGGAAAA GGGGGGCCGGAAGGCCAAAACCAAAAAACCAAGGGGGAGGAAGGAAGGAC CCAAAAGGGGGAGGAAGGGGAAGGGACCAACAAGATAAGGACGGGGGGCC AAGAAAGGAAAAAGCAGGGGGAAAGACAAGGGAAGGCAACCGAACCGGAA CCGGTTTTAGATACAGAAGGAAACAAAAGGCACAGGCCAAAAAGAAAAAG CCGGAAGGGGGGCCCCCACGAAGGAGAGGGCAGGAACCGGGGGGAAGGG GGGAACCGGAGAGCAAAAGAAGAAAACCCAAAGGAGGAAGGAAGCAAAAA GAACCGGGGGAAAGGAAAGAGAAAGGAAACCCAGAGGGGAAGGAAGGGGA GAGGGGAAAAAGGGGGACACCACGGGGAACCGGACCCAGAAGGAGGGGG CCGGGGGGAAGGAACCCCGGGGAGCCGGAAGACCAGAAAAGGAAAGAGGG GGGGAAGGAAGGAAGGGGAAAACCGGGGGGCCAGCCGACAAAAAAAAAGG CAGGGGAGCCGGAAAGACAAGGGGAAGAAAGGGAAAAAAAAAAGAGAAGA AACAAAAGGAGGGGAGGAATGGGGAAGGAGAAAAAGGGGGCCGGCCAAAA GAGGGAAAAAAAAAATGGACAGACGGGAGAGAAAAGAGAAGGGGCCGGAA AA GGGAGGCAAAAACCGGAAGGAAAAGGGGGGAGAGAGGGGGGGGAAGG GAAGGAGAAGGGAGAGGAAGAAGAGGGGAGAAAAGGAGCAACCAAGGAAG GAAAGGGAAGGGAGGAGAGGAGGAGATAAGGCAGGAAGGAAAAGGAAAAA AAAGGGGAACCGGGGAAAAAAAACCCCGGCCGGGGAAAAGGGGGGGGAAC CGGAAAAGGGGAAGGGGGGGGAAGGAAAAGGGGAAGGAAGGAACCGGAA GGGGCCCCAGGGGAGAACGGCCGAAAAGCCGGGAGGAAGGGGGGAAAAG GAAAAGGGGGGGGAAACGGGGAAAAAGAAGGAAAGGGGGAGGAAAAAGG AAGAGAGAGAGAGGAGGGAAGAAAAAAGAGGGAGACGAAAAGGGAAGGG GCAAGGGGACCGGGAGGCCAAGGGGAAAAAAAAACAGTAGGGGGGGGCC GGAAACGGAAAAAAGAGGGGAGAAGGGGAAGGGGGGAAAAGGAAAGGGG GAAGGGGACTTAAGGAAGGAAGAAGAAAAGGAAGGGGGGAGGGGGCCAA GGGGCAAGACCCGACCGAGGCCGGGGGGCAAGGGGGAGAAAGGACAAAG GGAAAGGAGCAACAAAAGGAGAGAGAAGGAAGGAAGGGAAAAAGGAACCG GGAGGGAAACCCCGGAGAGCAGGGGGGGAGGGGCCAACAAAGAAAAAGGA AGGAAGGAAAAGGAAGGGGAAGGGAGAGAGAGAAGAAGGGAAAAAGGCCA A G G GAGACCAAGGGGGACCAAGGGGGGCCGGAAAAAAAGAAAGAAGGGAG

GGGAAAAGAAAGAAGGGAGGAGGCGAGGGAGGAAGGGAGAAAAAACAAG GAAAAACAGGAGAAGGAAAAAGAACCCCACAAGGGGCCGGAGCCCCAGAA AAAAAAAAGGCAGGAGGAGGGACACGAAAGAAAAAAAAGGGGAAAAGAGG GGCAAAACAAGGAAGGAAAGCAGGCCAGGGGGGGGGGGCGGAAAACAAAA GGAAAAAAGAGGGAGACCGGAAAAAGCCAACAAAGGAAACGGAAAAAGGC ATGCAAGAAAGAGGGGGGCCAAGAGGGGGAGGGGAAGACGCCCCGGAAG GGGGACCGAGGGAGGGAGGACAAGGCAGAACGGAGGGAATAAAAAGAAG GGGGCCAAGGAAGGGAAAGGGGGGAAGGAGAAGGGAGGCAGGGACCCCC CAGAAAGCCGGGAAAAGGGGGGGAAAAAAGGGGAGTAGAGGAAACAAAAA AAAAAGGGGAAGAAGACAAAAAATTGGCCAGAAAAAAAGGAAAAAGGGGG GAAACGAGAAGAGACAGAGGGAGGAGGCAGGAAAAAAGGAAAGAAACAAA AGAGGGGGGAAGGAAAAAGGAAAGAGAGGGGAGAAAAAGGGGGAACCCCA ACCAAAAAAAAGGCCGAGGAGAGCCAGAAGAAGGGGAGAAGGACCAGGGA GAAAAGGGGAAGGAGAACCAGGAGAGGCAAAAATTACAGAGGGAAAGGAA GGAAGGAGGAGCCGAGGGAAAGGGGGGAAGGCACCCCAAAAAAAAGGAGA AGGGAGAAGAACCGAAGAAGGGAGGGAAGGGAGAAAAAAGAACAAAAAGA GAAGGGAAAAAGGGGAGGGACAAGGAGGGCACAAGAAAGGAGCGAGGAG AGAGCAAAGAGGAGGAAAAGCCGAAGAAAAGGACACAAGACAGAAGGAGG CCCAAGACGGAGAAAAAAAAGGCCGGAAGGAACCCCAAAAGGAGGGAAAA GGGGAAGGTAAGAAGGGAGGGGGGGGAAAAAAGGAAAGCCCCGGAAGGG GGGAGAAGAGAACTAGAAAGAGGCAGGAAAAGGGGGAGAGGGGAGGAGA AAAAAGCAAGAGGGCAGGGGGGCAGGGGAGCAAGAAGGGAGGGGGGGGG GCCAAGGAGAACCAAGGAGAAGAAGAAAGAGAGGGAGCCGAAGACAGAAG AGAAAAGAAAAGGAAAGGAGAACACGAAGGAAAGAGGAGGAGGAAAAGAG GGGGGGGGAACACACGAGGACAGAAGGAAGGAAAACCCAAGAAAGAAAGA AGAGACAGGAGGGGGGGAAGGAACCAAAAGGAAAAAAACGGAAAAAAGGA CAGCACCAAGGAACCGGGGGGGGAAAAAAAAAAAACCAAAAGGAGGATAC CGAACAAACGGAGGGGGAAAAGGCCGAAGGAAGACGAGGAAACCCAGGGA CAAGGGGGGAGAGCCGGAGGGAGGAAGAGAAAAGGAAGGGGAGAGAGAC AAGGGGGGGGGGGGAAAAAACCGGATAAGGGGAAAAAAGGGGCCGGGGC CAAGGGGCCGGCCGGAAAAAAGGAAGGCCGGAAGGAAGGGGAAAAAAAAG GCCGGGGAAGGAAAAGGCCAAAAAAGGGGAGGGAGAGAAAGGAGGAGAG GGCACCGGAGAAGAAGGGCCAAAGAACCCCGAGGAAGGAAGGGGGGAACC AGAAAGAGAGGGGGAGGGAAGGAGAACCGGACAGGGGGGGACGGGGAAA GGGGGGGCCAGGAAAAGAGACAGAGAGGAAGAAAAAAAAGAAAAGAGGAA GGGGAGGAAAGGGAGAAAAGAAAAAAGGAGGCCCCCCAGGGCCGGGGGG AA G G G G G GAGGGGAGGAGGAAAGGCCAAAAGGAAGGGGAAAAGGGGGGG GGGAAGGGAGGGGGAAAACGAGAGAGATTGGAGCACACAAGGGAGAGAAA AGGGGGAAAGGAAGGAAGGAAGGGGAGGGAAGGAGGGCAAAGAACAGGA AGCAAAAGGGGGGGAGGCGGAAGGGGAGGGGGGGAGAAGAGGGGAAAAA A G G G GGAAAGGGGGGAAAAGGGGAAGAGGGGGAAGGGGGAAGCGGAGAA AGGAGGGGAAGGAAGGAAAGGGCCCCGGAGGGAAGGCCAACCAGGAAAAA AATTGGAAGGGGGGAAGAGGAAAACCGGGGCCGAAAGGAAAACCAAAAGG AGGACCAAAAGAAGCCAGAGAGACGGGACAGGGGCCAGAAAGGGCCAAAA GCAGGGACGAGGCGGGAGGAGAGGCCGGGGAGAGGAGAGGAAGAAGGGG GGGAAAACCGGAGACGGGGGGATGAAAACAAGGGGGGAGAAGGCCGGGG AACAACGGGGGGAAGGAAAAGGGGGAGGCCAAGGCCAAGGAGAAAAGAGA CAAGGAAAAAGGAGGCACCCAAACAAGGAAGGGAGAGAAGGGGGCCCCCC GGAAGAAGGAAAAAGCAGAAAGCAAAAGAGGGCCGAGGGAAGACAGAACC GGGGGGGAGGGGGGGGGGCCAGGAGGGAACAAAGACGGGGGGCCAGGGA AAAAGGGGGAGGGGGAAGGAGAGGGACGGAAGGCCAGAGCCAAAAACGA GGGAAAAAAAAGGGGGGAACGACAAGAAGGAAGGAAAGAAGGAAAGCCAA AGAAAGGGAAAAAAGGGCAAGGGGGGAAAAGAGGGGGAGGAAGGAATTG GAGCCAAGGGGAGCAGGGAAACAGGCACAAAAAAAACAGCCAGGGGGGGG GAAGGGGGGAAAGGATAAGGAGAAGGGGAGGAGGGAAGGGAGGAGAAAA AAAGAGAGGGAAAAACCAAAGGCAGGGAAGAAAGACAAGGGAGACAGAGA AAGAGAAGGAGAAGCCGGAAGGAAGAAAAAAGGGGAAAAGACGGGGAGAA GGGAGAGGAGGGGAGAAGCAGAGGGGAAAGAGGAGAAGCAGGAGAGAAA AAGAGGGGGGGAGGAGAGGGGAAGGGGAAGGGGAGAAGGGGCCCCCCGA GGGGGGGGAACCGAAGAGAGGAAAAAAGAAAGAAAAAGAAAAAGGAGAGA AAGGAAAAGGGAGGAAAGCAGAAGAGAACCAAGAAAAAGAAAGGGGACGA

CAGAAAGGGACAAGGGGGGGAAGAAGAAGGGGGGGGGACCAAGACACAA GAGAGAGAAGGGAAGAGGGAGAGGGGAAAAACCAAAAGAAGAAAAAGAGG AAGAGAAAAGGGGAACAAGAACCAGGGAAAGAGCAGGGGAAGAGGAAAAG ACCAAAAAAGAAGAGAGAGGGCAAGAAGGAAGGAAAAGGGAGGAGGGAGA GACCAGGGAAGAGGAGGACAGGGAAAAGGAAGAGAAGAAGGACGAGGAAG GAGAAGGAAGGGGCCAGGAGGGGAAAAGAAAAGAGGGAACCGAGAGAACA GGACCGGCCGGCCAGGAAGCAGAGAGAAAGGAGGACCGAGGGGCAAACAA CAGAGACGGAAAAAAAGACAGAAAGGGAAGGGGGGCCGGGGGGGGGGAA ACAAAAGGGGCCCCGGAAGGAAAAGGGGAAGGGAAAAAGGACGGGACAGG CAAGAAAGAAGGGGGGGGAGGGAGAGGAGGGGAGGGGAGGCCAAGGGAA GAACCGAAGGAGGAAAGAGGAGGAAAAGAGGGGGGAAGAGACCGAGAAAA AAAGGAAAAAACGGAAGAAAAAAAAGGAAGGAAAAGGCCAAAAGGAAAAG GAAAAGGGGAAAAAAAAAAAAAAAAAAGGGGGGGGAAGGGGGGGGAAAAA AAACCGGGGGGGGAAGGAAGGGGAAAAGGGGGGGGAGGGAAAAGAAAGA AAAAAGGAGAAGGGAAAGGAGGCCAGAAAAGGCCGGAGAAAGGGGAAAAA ACGGAGGAAAAAAAAAAAGGAAGGAAGGAAAAGGGGGGGGAAGGGGGGA GAAAAAAAAGGAAAACCAAGGGGGGAAGGGAACAAACGAGGGGAGAGAGA AGGGGCCGGGGAAAAAGGAAAAGGGGAAGACGAAGGAACCGAGAGAGACA GCAGGGAGGGACAACAGGAACACAGGAACAAAGAAAGAGAAAGATAGAAG GAGAGAAGAGGAAAAGGAAGGAGAGGGCAGGGGAAAAGGCCGGAAGGAA AAAAGGGGAGAGGGAAGAGGGGAGGAGGAAGAAGAGGAAGGAAGGAAAG AA G G GAACCACACGACCAGGGGAAAAGGGCCCATTGGGGGGGGAAGGAAA AAA $\operatorname{l}$ GGGAAGGACGGGAAGAGAAGGGGGGGGGGAGGGCCAAAAGGCCAA GGAAAAGGAAAAAAGGAAACGAGGAAGAGGAAAAGGAAAAAAAAGGAAAA AAAACCCCCCCCAACCAAAAGGGGGGAAAAAGCAGGGGGAGGGGACGGAA GAGGTAACAGAAGGCCAAGGGGAACCCCGGAGAGCAGAAGAGGGTTAGGG AAAGAAAAGGGGCCCCAGGGAAGGAAAAGAAAGGCCAAGGAGAAAGGGGG GGAGCCGCGGACAGACAGAAAAAAGGAAGGAAGAAGACGGGGAAAGGAGG AAGAGGAAAAGAAGAGGGCAGGAAAGAAGAACGAAAAAGAACGGAGGGGG GGAGAAGGCCGGAAGGAAGGGGGGAAAAGGCAAGGGAGAAAAGGGGGGA AAAAAGGAAACAAGGGGAGGAAAGGGAGGAAGGAAAAGAAAGGGAAGCCG CAAGGAACAGGGGAAAAGGAAGAAAAAGGAGAAAGAAAAACAGGGGGGGG GAGGAAAAAAAAGAGGAAAGGGGAAAAGGGGAGGGGGAAGGGGGGGGAA G G G GAA G G CAA G G GAAAGGGAGAGAACCGAGAGAGGGGGGAAGGGGGGA AA G G G G G A A AATAGATTAGAGGGAAGGGGAGAGGGAACCACAGAGAGGG GAAAGGAAAGGAAGAAGGGGAAGGCCGGAAGGGGAAAAAAGGGGCCAAAA AACCCCAAACAAACAAAGAAAGGAAAGGAAAAAGGGAGAAGAAAGAAGAA AAGGAAAAGAACCCGGCCGAAAAAAAAAGAAGACAGGAGAAGAGATAGAG GAAGAACCGAGGAGAGGGAACAGGGAGAACGAAGAGGAACGGGGAAAAAA GGGGAAAAAGAGAAACAAGAATCAAGGGAACACAAGAAACAAGGAAAGGG GGACGGAGAAGGAGAAGGAACAAAAAGGAAGGCCCAGGGACCAAGGAGAA G GAAGGGGAAGGAGACAGCCAACCGGAGACCCCCGGAAAGAAGGGGAACC AAA $A$ GAGAGGGGGGAAAAAGGGCCGGTTGGAAAAGGGGGGGGCCGGGGA GATGGGGGAGAGGGGCCCAAACCGGCCGGGGGGAAGGAAGGGGGGAGTT AGGGAAAAAGGGAAGGGGGGGGGGAAAAAAAGAAGGCCGGAGGAAAGAA GTTGGAAGGCCGGGCAGCAGGGGGGAAAACCAAAAGAAAGAGAAGAGGGG A G G G G G G G G A A G G G G G G G A G G G G A A A A A G G GAGGGGGGGAGAGGAAAGA AGACAAAGGAGGGAAAGAAGGGGGGGGAAAAGAGACGGAGGAGAAAAAG GAAGAAAGACCGGAAAAAGAGAAAAGGCAGAGGGGAAAAAGGAGGGGGAC CAGAGAAGGGGGGAAGAAGGAAAGGAAAAGGAGAGGGGAAATTGAAGAAA AAATTAGGGAGGGGGAGGACAGAAAGAGGATACAGGAAAGGAACCGGCAA CGGGGGGCAGAAGGGAACCAGCAGGGAGGAAAAGGAGAAAAGGCCAGAAA GCAGAGAGGACAGGACGCAGGAAAAAAAAAGAAAGGAGGGGGAGGAAGGG GTTGGGAAACCAAAGAGAGGGCCAGAAGAAAAAGAAAGGGGAGAAAAAGC CGGCGGCGGGGGGGGAAAAAGGGGGGGAGACAAGAAAAACCGGAAAAAAC
 G GA $\operatorname{G} A \operatorname{G}$ GAAGCCAAAGGGAGGGGGACGAAGGAGGAGAAGGCCGGAAGGG GGAGGGGCCAAGGCCGGCCCCGGGGAGGAAGGGAAGGCCGAAGAAGGGG GGGAAGACAGAAGACAAAGGAACAAAACAAGCTACCAAAAGAGAAGACAA G GAAGGGGAAGGGAACAACCGGGGAAAAAAACAAGAAGGAAAACAGGGGA GGAGGGACGGCCACAAGACCGGAAAGCCCAAAGAGGAAGGAGGGAAGAAA

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GAAAAGAAGGGGGGGGGAGGCGCCGGCCAACCAGAAGGAAGGAAGAAAG GAAAAGACCAGACGGAAGGAAAAAGAGCCGGAAAAAAAAGGAAAGAGGGG AA GCCGAAAGGAAGGGGGGGGGGAAAAAAGGAAGGAACCGGGAAGAAACG AAGAGTACAGGGGGGACGGAAGAAGCCAGAAAGAGAGGGAAAGGGAGAAC CAGGGAAAAAAAGAGGAGAAAGATTAACCAGAAGGAAGGGAGGACGGGAG GAGAGGAGAGAGGAAAAGGCCAACCGAGGAGAGGGGGAAAGAGGGACAAA AAACCGGGGACAGAAGGGGCAGGAGAAAAAAAACCGGGAGGGACCGGAGA ACAAAAAGGACAAAAAGCCGGAGAGAAAAAAAGGAAAGGAAGGGGAGGAA AGGCAGAAGAACAGGCGAAGGGGAAACGAAGGAAAAGGGAAAAAAAAGGG G G GA GAGGAGAGGGGGGGAAAGGGAAGAAAGAGAAGAGAGAGAAGGGGG AAGGAAAAAAGGGGAAGGGGAGACCAAGAAAGAACCACAAGGAAGGGGGA GGGAAGGAAAAAGGTTGGAAGGAAAGAGACAGGGAACCAGAAGGGGCAAA GGGGAGGGAGGAAAAACCACGGAGGGGGAAAAGCAAGAAGAAGGGAAGA GGGAAAGAGAAAAAACCGGGGGGGAACCCGAAAGGCCGGCCGGCAGGAAA GGAGAGGAAAAGAAAGGGGGGCCAAAGAAGGAAGGGGGGGGAAGGCCGG A GACGGGGGGACAGGAACGGAGGAGGGGGGCCGGGGGGGAGGACGGGGG GAGAAAAAAGAAGAGGGAACCGAAGGGGGATAGGAAAAGGAAGAGCCAAA AAAGAAAGGGGGGGGGAAAAAAGAGGGGGGGAAGAAAGGGAGACAAGGG CCAACCAAAGAGGAAGCCAAGAGAGGTAGGAAAACCAAAAGCGACCAACC AAAGGGGAAAAACCGGGGGGTAAAAAGAAAGGAGCAGGAAAGGAGACCGG G GAACCGAGGAAAAGGAAAAGGCCAAGGCCAAGGAAGGCCGGCCAAGGGG GGGGAAAAAAAAGGAAAAAAGGAAAAAAAAAAGGGGAAAAAAAAGGGGCC CCGGGGAAGGGGGGGGAAAAGGAACCGGGGAAGGCCGGAACCAAGGAAA AGGAAGGGGAAGGAAGGAAGGAAAAGGGGGGAAGGAAAAAAAAAAGGAAA AAAAAAAAAGGAAAAGGAAAAAAAAGGGGGGAAGGAAAAAAGGAAGGGGA ACCAAAAAAGGAAGGAAAAAAAAGGGGCCAAGGGGGGGGGGAAGGAAGGG GCCAAAAAAAAAACCAAAAAAAAAAAAAAGGGGGGGGGGAACCGGGGGGA AAAGGGGAAAAAAGGAAAAAAGGGGGGGGGGAAAAGGGGGGGGCCCCGG AACCAAAACCAAAAAAGGGGAAGGGGCCAAGGAAGGGGGGGGAAAGGGGA GGAAAGAAAAGGGGACCCAGAGAAAAAGGGAAAGAGGGCCAAGGGGAAAA GGGGGGAACCGGAGGGGGAGAAGGCCGGAAGAGAAAAAAAGGAGGAGCA GGGCAGGGAGACAGGGGAAAGAGAGAAAGGAAACCAAAAAAGGGGGGGG TA $A$ A G G G G A A A A G G G G G A A A A A G GAA G G G GAGGAAGGAAGGAAGGAGAA C G ACCGGGGGAAGACAGGAGAAGGAAAGGGGAAAAGAAGGGAAAACCAAG G G GAAAA G G G GAAAAGGGGAACCAAGGGGGGAGGGGAAGGGAAGGAGGG AAAAGGCCAAGAGGGGAGACAGGGAGAGGAGGAAAAAAACACAAAAGGAG A GA A A G GAGGCAGGGGGGCCGGGGGGGGGAGAGGGGGGAGGGGGGAAAA A G G G GAAAAAGGGGGAAAAAGAGGAAGAAAGAGGGGGGGAAAACCCCGAG G G G G GAAACGAACAGGGGGGACCCCAAAAAAGGGAAAGGCCGAAAAGGGA AAAGGGGAGCCGAGGAGAGAACCGGCAGAACGAGGACAAAAAAAGGGTTG G G G GAGGCCGGAGACACGGAAAAGGACAAAAGAGACCAGGGGGGGCCAAA AAGGAGGGAAGAAGGAAAACCGGAAAAAGAAGGGGAAGAAGACGAGAGGG AGGGGGGAGAAACGGAAACAAAGAGGGAGGAAGACGAGGAAGGGGAAGG GGGACCGAGGGGGGAGGAGGGGAACCCCGGGGAACCGGGGGGGGAAAAA AAAAAGGGGAAAAAAAAAACCGGAAAAGGGGAAGGGGGGCCGGCCAAAAG GGGCCAACCAAAAGGAAAACCGGGGCCAAGGAACCGGAAAAAAAGCAACA GAGGAGAGGAGGAAGGGCAGGAAAGAAAAAGGGGAGGGAAGGAAGGGGA GGAGAAATGGGGGGAAGAAAAGGAGGCCAAGGGGGGAAGAGGCCAAGGC CAAGGAACCAACCAGGGAGGAAAAAAAAGAGGAAAGGAGAGGGAAGAGGG GAAGGAAAAGAAGAAGGAAAAAAAGGGACAGGGAAGGAGATAGACAGAAA CAAGGGGAGAGAGGAAAGGGGGGAAAAAGGGAGGGAAGGGAAAGGAGAC GAAAAGGGGGAAGGAACCAAAAGGGCAAGGGGACGGACGAGGGCGAAGAC GGCCCAAAACAAGGAAAAGGGGGAAGGGAAAAGGGGACATGGAAGGAAGA CAGGAAAGGGCCAAGGCAAGACAAAAGGGACCGGGGAAAAAAAAGGGGAA AAAAGGAAAAGGAGCAGGAGGACAAGGGAAGAAGCCGGGGAACCGAGGAA GGAAAAAGAAAAAGGAACGCGCAGAACCACAGGGAGAAGGGGAGGGGGAA AA GACCAGAGGGAAAAGGACAGAACCGGGAGGAAAGCGAGGAGAAGAGAG GGAAGGGAAGGGACAAAAAGAGGAGGGAAAAAAAGAAGAGAAGGGGGAGA CCAAGGAAGGAGGAGGGGAGGGACAAGGCCCCGGGAAGAGAAAAAGAGAA AAAGGGAAGGGAAACCGGCAGAGAGGCAAAAAAAGGCCGGGAGGAGGGAA AGGAGAGGTTAAGGGGAAAAGGAGGACCAAAGGGGGGGGAGAGGGGGGG

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AA GAAGAAAGGAGGGACAAAGGGGGAGAACCAAAGGGAAAAAAAGAGGGG GAAAGACGGAGAGAGAGGGAGAAAAAAGGAGAGAGAACCGAAAGGGGACG GAAGGAAAAAAGGGGAAAAGGTTGGGGAGAAGGAAGGGGCACCCGAAGG GGGGGAGAAGAAAAAGAACAAGGGGAACAAGCAAAAAGGGAAGGCCGGGA CCCCGGAAGGAAGGCAGGGGGAAAAAGAAGATAAGGAAGGGAAGGAAAGG G G G G A T G G G GAAACAGGGGGGGGGAGAGGAGGGGAAGGGGAAGGAGAAA CGGGAGGAAAGGAGGAGAGGACAAGAAACCCGAAGGGGGGGAGCCAGAG G GAGAGCCAGACAGAGAAGGGAGGGAAAGGAGAAACAGAACAAAGGCCAG CCAACCGGGGGAAAGGAGAAGGGGAAGGAAAAAACCGGGGAGAAGGAAAA G G G G A G G A G A A G G A A C G G A GAAAACAAGGAGGGGGGGGGGGAGAAGGGG A G G G GAAAAGGAGGGAAGGAAGGACGGGAGGAGGGCAAAACGGGGAAGG AGAGGGGGAAGGAAAAGAGAAAGGGGAAAAACAAGGAGGGAAAAAAGGGG GGGGCCGAAGGCAAGGAAGAGGAAACGAGGGGAGGAAGGGACCAAGAGA GAGAGGGAAGGGGAAAAGGGGAGGGGGGAGAAAAAAAAAAGAGAGAGAG AA $\operatorname{A} G \mathrm{GGAGGAACGGAGGAGAACAAGAGGAAGGGGAAAGAAGGAGGGGGG}$ AA $A$ AGGGAGGAAAGGGGAGAAGGGGAGGGAGGAAAAAGGGAGAGGCCAC GGCCAAAGGGGGCAGGAAGGAACCAGAAAAAGGAAGGGCCAGCAGAGGGG AGGGGGCCGGCCGGAAAAGGAAGAAGGGGACAAAAGGCGAATCCGGAAGG GGAAAAAAAAAGCCAAAATTGAGGGGAAGGAGGACCTTCCAGGAAGGGAA AAAAAAGGAACCGGGAGGCAAGGGGAAAAAAAAAGAGGACAGAGGAACAG GAGGGGGGCCAAGGGGGGGGGGAAGGAAAGCAAAAGGGAAGGGAAGAGG GAAAAAACCCCAACCCCGGGGGGGGGGAAAGGACCAGGAAAGGAACAAGG AGGGGAAGGGAGGGGAGGGGAAGAGAGAAGGACAGGAGGGGAAAAAAAA AAGGCCAAAGCAAGAAAGGGAGCAAAAAGGGGCCAACCAACCAAGAGGAA AACACAGAGGGGAAAAAAAAGGAAAGAGAAGGACAGGAAGTTAAAAGGAA GGAGCCGCGGGGAAAGGGGGGGAAGGGGAGAAGGGGGGAAAAAAGGAAG GAAGGAACCAAAAGGAGAAAAGGAAAAAGGAAAGAGAGAAGGGAAACAGG AGGAACCGGCCGAGAGGGAACCCAAGACAACAATTAAGACAGGAAGGGAG G G GA G G G G G G GAGGGGGCCAAAAAAGGACGAACACAAGGGGGGGGGGAA AAAAGAGGCCCAGAAGGAGGAAAAAAAAGGGGAAGAGAAAGACCAACCAA GGGAGGGGCCAAGGGAGAAAAGAAGAGAGGAAGGGAGGGAAGGGAACCG GGACGGAAGAACAAGGGGAGACCGAGGGGCCAAGGAAAACCGGAAAAGAA ACGCGGGGAAAAGAAAAAAAAGGCCAAGGGAGGGAAGAGCCGGGAAAAAA A G G A A G G A A G G A A G G G G A A G G G G A A A A G G G G G G G A G G G A A G G G G G G G G G AAGAAAAAGGGGGGAAGGAAAAAAGGCCAGGGAAAAAGAGAAAAAAAGAG GAAGGAGGGAGAAAGGCCGGAAGGAAGGGGCAAGGAGGAAAGACCACCCC GAGAGGAGAGAAGAGAAGAAGGAGAACAGGCAAGGGGGAAAGAGGGAAG
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 A G G G G G G GCGGAGAAGAACGACCGGCCAAAGGAGCGAGGCCAAGGAGAG AGGGAGGAGAGGAAAAGGAGAAGGGGAAACAAAAAAAAGGGGAGCAGAAA G GAAAAGGAAAAGGTTCCGGGGCCCCGGAAGGAGCAGAAGGGAGACAAAA GAAAAAAAGGCCAAGGAAAGGGAAGGGGGGGGGGAGGAAAGAGAAACAAG GGAAAGAAAAAACGACGGAAAGGGGGGGAGAAGGAGGGGGGAAGGAGAA AAAGGGAAAGAGGAGAAAAGGGAAAGGACACAAGGGGCCAAAAGAAACCA AGGGGGAAACAGGAGAGAAAAAGAAGAGAAGGAGGGGGGAAAACCGAGGA GCAGGAACCGAAAAGGGGGAAAGCAACGAGGAGAACCAGAAGGGGAGAAA GGAAAGGGAGACGACAAGGGGAGAAAAAGGGAAAAGGGGGGGGGGAACC GGAACAGAGAGGATAAGAGGAGGGGGAAAAGGCAAAAAAGGGGGAAAGGA AGAAGGGGAAAAGGGGGACAAACAGGGAAAGAACGGGGGGACAAAAAAGG

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A G G G G G G ACGGGGGGAAGACCAGCAAGGGGGGGGGGGACAAAGTAAAGG CCAAAGAAAGAAGAAACCGGAAAAAACCGGGGGGGGGGAGGGGGGGCCCC GAAGGGGGCCCCAAGGAGCAAAAAAAGAAGGAGGGAGGGGGAAGGAAAGA GGGAAAAGGAGAAGATAGGGGAAAGGAAAAGGGGAAGAAGAAGGGGAAA GCCGGGGCAAGAAGGAAGAGAAAGGGGAAAGGAGAACGGCCAAAACCCCA CGGCCACAGCCAAGGAAGGGAAACCAGGAGGAAAAAGAGGGAAGGAGAGA AGGAGGACCGGGAAGGGGAAAAACCGAAAAAGGAAGGAGCAAGAGGGGGA G GAAAAAGGAAAAAAGGGGCCAAGGAGGGGAAGGGGGGAAGAAGGGGAA AGGAAACGAGAGGGGGGGAAGGGGCAGGAAAGAAAAGAAGAGAAAGACCG A G G G G G G GAACCAGGGGGCAAAAACCTTAAGGGGAACCAAGGAAGAGGAG AGAAGGAAGAAGCAAGAGGGAAGGAGGAGAGGAAAAGGAGATGGGGACAA GGAAA GAGGGGGCCGGAAGGGGAAGGAGGGAAAGAGAAGGAGAGAAACG GGGGAGAGAGGCAGAGAGAAAGGGGAAAAAAGGAGGGGGGGAAGAAGCC AGAAAGAAGGGAGAGGAAGAAGGGAGGGGACCCCGGGGGGGGAAAAGAG GGGCCAAAAGGGGGAGGGGGGGGAAAACCGAGAGGAGGAAGCACGGGGG GGAAGGGGAAAAGGAAGGAAGGAAGGGGAAGGCCAAGGAAAAAAAAAAAA G GCCAGAAAAGGAAAAAAAACCGGGGGGAAAGAGAAGAGAAAAGGGAAAA AAAACACCAAAAGGGGGAGGGGAGAGGGGGAAAGGGAAGAAGGGGAGGA GCAGGGGAAAAGGAAAGGGAACCAAGGGAGGAAGGACGGCCAAGGGGAAA AAGAAGGGGAAAGAAGGGGACGGGAGCAAAAGGAGGGGAAAGGAAAAAAG GACAAAAGGAAGGGAGAGGGAAAAACCTTGAGGAAAAGACCAGAAAGAAA AGGACCCAAGGAAAAGGAACCGGAAAAAAGGAAGAAAGGAGGGGGGAAAG GCCAAGGGGGAGGGGAAAAAGGAGAAAGGAAGGGGGGGGGAGGAACCCC CCACCCAAGAACGAGAGGAAAAAGAGCCAGGGCCAAGGAAGGAGAGAGAG GAATAGAGGAGGGAAGGGAGGGAGACCCGGAAGGAAACGGAGGGCCAGA AAAAACCGGAGGGAAAGGAAAAGAACCAAAAGAACAGAGATAACCGAGAA GAAGGGAGGAGGGCAGGGAGGAAAGGGCCAAGAGGAAAAGGGGGGAAAA GGGAAAAGGAAGGAGCGAGAGAGAAAAAGGGGAAGAAGGGCCGAGGCCG AGGCCAAAACCGGAAGGGGGAAGAGAAAGGGAAAAGGGAGGAAAAACGGG GAAGGAATACAAAAAGAGGAGGGGGGGAAGGGAGAAGAGAAGGGGGGCC GACCGGAGAAGGAAGAAAAAAGGGAGGGAGGGGAAGCCGGGAGGAGAAG AGGGAGGGACACCAGAGGGGGAAAAGGCCGGCCAGAAAAGGAAAAAAGGG AAGAGGACCAGAAGGAAGAAGCAGAAGAAACGGGGGGAAGAGGCAGACAA A GAGGAAGGGGAAGACAGAAGAAAACAGAAAGACCAGAGCCGGGGGGCCA ACGGGACGAGGGGAAGGGGAGAAGAGGGGGGGAAACCCCAGAAAAAAAAA
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 AA G GAAAAAAGGGGAACCAAAAAACCGGGGAAGGGGAGAAAAAGCAGGCC G G A G G GAA G G G A A GAGGGAGGGGGGAAGACGGAGGGAGGAAGGGAGCCG GAGAGGGCAGGGAGGAAAGAAGAGGGGCCGGAAGACAGGCCGGAAGGGG AA $A$ A $\ln$ AGGGGGGAGAAAGGGGACCGACCGGGACAGGCCGGGGCATAGGG GAAAGGGGGGAGGAACCAAAAAGGGGGAGAAGGAAGAACAAGGGAGGGA AAGGGAAAGGAAGATAAAGAAACCCGAAAGGACAGGACCCAGAGAAAGAG ACAGGAAGGGAAGGAGGAAAAAAGCCGGAACCGGGGGACAAAAAAGGGAG AGAGCCGGGGAGAGCCACAGGGGGAAAAGGAAGGCGAAAAGACAAGAGAA CAGGAAAACCGGCAAGGGGAAAGGGGGGAACCAACCGGAAGGGGAGAAGG AGAGGAAAGAGGGGAAGGCCGGCCAAAAAGAAGAGGCAAACAAGCCGAGG AGGAAGGAAGGGGGGACCAGAACCAGGAGGGGCCAAAAAAAACCACCCAG AAGGAAAAAAGGGGCCAAGGAAACAGAACAGGCCGGCCCCCCAGCAGGGG GGAAGGAAAAAAAAAAAAAAAACAGGGGCCAAAGCCAAGGAAAGAAGGAA GGAAAAGGAACCAAAAAAAAGGAAAAGGAAGGAAGGGGGGAAAAAAAAAA AAGGAAGGAAAAGGAAGGGGGGAAGGGGAAAAGGGGAAAAAAAACCTTGG AAAAGGGGAAGGGGGGCCAAAAGGAACCCCGGAAGGAAAAGGAACCCCGG
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AA G GCCAAAAGGGAGGGGAAGGAGCAGGGGAGGGGGGAAAAGAAGGGGG AAACCGGTTGGCCCAAGGGGAAGGAAAGAACGAAAAAGGGAGAAACCAAA AA $\operatorname{ACAAGGGGGAAAACAGGGGGGAAAAGGAGGGGGAGGAGGAAGAGGAG}$ GGGGGGGAGGCCGGAAAACCGGAGGAAAAAAAAAGAGGAAAAGGAAACGA ACACACAGAGGGAAAGGAGACCCAAGGAAAGGAAAAGGATAAGAGCATAA G GAAAGAAAACCACAGAAAAAGCAAGTTAAAACACCGGAAAGAAAAGGCC G GAAAACCCAACAAACAAAGGGAAGAGGGGAAAAAAGGGGGGGAGAGAGG AAGGAGAAGGGACAAAGGAGAAGGCCGGAAGGAAGGAAAAGGAGCAAAGG CAGGGAACACGAAGGGCCGGAGCCGAAACCAACCGGGGAAGGAAAACCGA AGAGAGCCGGGGAAGGGGGGCAAGAGGGGAGAGGAAGAAGGAAGAGAGG GCCAAGCAGAGAGCCTTGGAGAACACGCCAAAAGGGAGAAAAGAAAAAAA AAAAAGGAAGGAAACGGGAGGGGAAGGAAAGGGGGGGGAAAGGAAAAGG AGGGACCCAAGGAAAAGGAGCAAAAGAGGGAAGACCGAGGCAAGAGGGTA CAAAGAGACCCCGAACAAAAAACCAAGGAAAGGACCAAAGGGAAGGACGG CCCAAAGACACCGACACCGAAGGCGACCAAGGAAAAGGAAGGAAAAGGGG GGGGGAAAGGAGGACAGGCCGGAAGGACGCCAGGAAAAGGAAGGAACCAA AAAAAAAACCCGGGAGGACAGGACCAAGAAGGAAAGAAAAGGGGGGAAAG AAGGAAGGAGAAGAAGAAAAGGAGAAAAACAAGGAAAAGGACGGGGGAAG AA $\operatorname{l}$ GGGGGAAAGCCAGAGGGAGGGAGAGAAAAAAAGGAGGGAAAGGAAG
 AA $\operatorname{A}$ GGGAAGGGAAAGGGAGGGGAGAGAGAAGGCAGGTTAGAGCCGGAGA A G G GAGGGGGAGGTTAAGGAAAGAAGGGGAGCCAAGGGGGAAAAAGGGA GAAAAAAAAAAAAGAAAGAGGGAAGGAAAAGGGGAAAAAAGGGGCCGAGG CCAGAAAGGAAAAAAGAGCCGGGGGGACCAGGGAGGAAGGAAGGAAAACA AA GAAAAAACAAAGAGGGGGGGAAGGAGGGGGAAAGCCGACCGGAGAAGG GGGACAGAGGAGACCGGGAAAAGGGGGAAAACGGGGAAGGAGCAGGCCG AAGCAAACCGGGACCAAGGAAGAACCAGCAGAAAAGGAAGACCCCCCGAA GAAAAAAAAGGAGGGGAAGAACCAAGAAGACGGCAGGGGGAAGACGAGGA GGGAAGGGGGGGGGGAAGAGGGAAGGGAAAAGGGAGGAAAAAGGGGGAG AAAGGGAAGGAAAAGGGGAAAGGGGACCAGGGAAGAGAACAAGGCAAGAA G GAGGGGGACAGAGGGAAAGGGGAAACCAAACAGAAAAAGAGCAAGGGGA AGTACCAGAGAGGGAAAGGGAAAAAAGGAAAAGGGAAGAAAAGGAACCAC G G G G G A G G G G G G CAA $\operatorname{A} A \mathrm{~A}$ GGGAGGAGAGCCCCGGAAACGGAGACGGCCA GACAAAACCGGGGGGAAAAGGCCGAAGAGAGGAAAAAAAGAACAGGGGGC AGACCAGGAGGCCAGAAAAGAAGCAAAAAAAAAGGAAGGGAGGCAGGAAG GAGAAGGGAAGGGAAGGGAAGGAGGGGCCAAAAACGGAGAGGAGGAACC AAAAGGGGGGAAGGAGGAAACGAACCGGGGAAGGGGAGAAAGGGACGGA GAAAAGGAACCAAAAAAGGGGAGAGAGAAGGGGCCAGAAGAAACCAAGGA
 CAGGACAAGGGGAGGGACAAAAGATAAAGGGGGGAAAAAGAGAGAAAAGG G G G GAGAGAAAAAGGGAAAAGGGGAAGGAAAGGAGGGGGGGGAAGGGAG GAAGGGAGACCAGAAAAGGGACCGGAAGGGCCCGGGGGGACAGACAGGG AGAAAAGGCCGGGAAAGGAACCGGGGGGAGAAAAAAGACAAGGAGAAGAA AAGGGGAAGGGGAAGGAAAAAAGGAAGGAGAACACAAAACGAGAGAGAGG GGGAAGGAAAGGCAAAAAGGAGAAAAAAAAAAGGAGGAAAACGGAGAGCC ATGGAATTCCAAAAAAGGAAGGAAGGCCGGAAGGGGAAAAGGAAAAGGTT G GAAGGAAAAAGGGAGGAAAAAAGGGGAGAAGAGAGAAGGGGAACAACGA AGAAAAGGGGAGAGGGAGAAAAGGGAAAACACGGGAGAGGAGGGGGAGG AAAAAGGAGGGAAGGACCCGGGAAAAGCAAAGGGGGGGGCCAAAGACCCA ACCAAGGCAGGGAAGCCCCAGAAAAAAAAGAGGGGCAGGGGGGGAAGAAA CAAGGCCAAGGGGAAAAAAGGGAGAGGAGGGGAGGGGGAGGAATTAAAAA A G G G GCCGGAACAAAGGGGCCGGAAAGCACAAGAGTAAAAACCAAACAGG A G G AA G GAAAACCACAGATTTGGAAGAGGAGGAGGGCAGAAGGGGCAAAC C G GAA GACCGGGGAACCGGGGGGAAGGGAAAAACCGGGACCCAAAAAAAG AGGGGAAAGGGGGAAAGGGAGAAGAAGGGCACCAAAAGAAAGAAGCAGAC GCAGAGAGGGGAAAGGGGGAGAACCGGAAGAGGAGGGGAGACCAAGGGG ACAAAAAAGGAGGACAAAAGAGAAGGGGGGAAAAAATTAGAGGGAGAAGA AAGGGAGGAAAAGAAGGGAGAAGGGGAGAGCCAGAGAAAGAGAGAAGAG GAAAAGGGGAAGGAAAGAACCACAGGAGGGAAAGGGGAGGGAGGGAAAA GGAAGAAAAAGGGGGACCGGGGAGCAAAAAGAAGAAGGGACAAAAGGGGG GGAGAGAGGAAAGGGGGACCGAGAGGGGGGGGAAAAAGGAACAACCAAAA

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$22013000-9$ AAGGGGCCGGGGAAAAAAGGGGGAAAAAGGGGAAAAGGAAGG CCCCAAGGGGGGCAGGGAAGGGGGCCGAAAGGAACCAAAAGGGGAAGAG GGACCGGGGAAGGCCAGAACCGGAGAAAAACAAGGAAAGAGAAAAGGAAA GAGACGGGGAAAGAAGGGACAGAAAAAGGAAGGCCAGAGCCGGAGGAGAA ACAAGGAAAAACCAAACGGACAAAGGGAAGGGGGGAAGGAGAGACAGCCG GGAGGAGAAGGGGGGGGGGGGGGAAGAAGAGGGGATTGGAAGGAAAAAA AAGGAACCAGGAAAGAAGAACCAGGGAGAAAGAAAGAAAAAAAAAAAGGG GAAGAGGAAGAAGGAAGGACGGAAGGAGAGCAGAGGAACCGAGAGAGGAA AGGAGGAGACGACCAGGAAAAGAAGGAACCGGCCAACCAAGGAAGGGGTA GGAAGAGGATGAAGAAGGGGGAAGAACCAAGGAAAAAACATTCCAGGGCC

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 AAAGGAAGGGAGAGAAGGAGGGGGCAGGGGGAGGGGGGGGGGGGAAGGA AAAAAGGAAAAAAGGAAACAGGCGGGAGAAGAGGAGGGGAGAGGGAACCG G G G A GAAAGGGGACAGAAACCAAGGAAGGAAGGCCGGGGCCAAAAAAGGG GGGGGGGTAAGGGAAAGCCAAAAAAGGAACCAAGGGGAGGGACAAGGGG GGAGAAAAAACCAGAGAGAAAAGAAGGAAACCAAAGGGACCCGGGGAAAA AAAAGGAACCGGAAGGACAGGGGAACGAAAGAGGCCGGGAGAAGAAGGAG GGGGAAAAGGGGAAAAAAGGAGAAGAGACCAGGGGGAAAACGAGGAGAG GAGAAAAGAGGCCGAACGACCAACCAAAAGAAAAAAGGCAAAAAAGGGGA AGGGAAAAAACAAAAAGGAAGGAGAAGGGAGAGACAAGGAGAGAAAAGGA AGGCCCCGGAAGGAAAAAGAACCAGGAAGAACCGGAGGGAAGGCCGGGGA G G G G GCAGGCCAAGGAAGAAGAAAAAAAAGACAAGGGGGAAGGAAGGGGA AAAAAAAAAGACCAGAGGGCCACAAGGAGCCAAGGGGAAGGGGGAGAACG GCCAAGAAAACAACAGAGGGACCAAAAGGGAGGGGGGAAAAGGGAGACCA AGGGGGAGGGAGAAGGGACGGGGAACAAAAACCCAAGGACAGGAACCACA GCCGGGGGGGGGGAAAAAAAAAAAAAGCAGGGGACAGAAGGGAAAAAAGG AGGGGAAAAGGCCCACCACGGCCAGAGGAAAGGAAAGAAAAAGGAAGCGG GAAGGAAGGAAAACCGGGGAACAGGGGAAAAGGCCAAAAAGCAACGGAAA ACAGAGGGGGGAAGGGGGGGGACAGGGACGGGAGGAAAGGGCAAAGGAA GGGGCCAAGGAAGAGACCCAAGAGCCAAGGAAGGAAGACAGAACAGAGGA ACAGGGAGGGGGGGGGAAGAGAGGGGAGGAGGGGATGGTTAAGGGAGAG AGACACCAAAAAGAGGAGAAGCAGAGAAAAGAAGAACGAAGGACAGAAGG GAAGGCAAGGAGGAAAGGGCCAAAGAGAGAGCCAGGGAGCAGGAAAAAGA ATTAAAAAGCAAAAGGGGGGGAGAGAGAGAGGAGGGAGGGGGGCCGAAC AAAAGAGAAGAGACAGGGAAAAGGGAAAGGCCAAGAGGAAAAAAAAAACA GAGAGGGAGAGGAAGGACAAGGAAAAGGGGGGAAGGAAGGGGAAAGCAC C G A G G G A G G G G G GCCAAAAGGAAAGAGCAGAGACCAAAAAAAAGGAGACA G G G AAA G G G G AAAAAAAAAAAAAAAAACCGGAAGGGGGGGGAAGGAAGGA AGGGGAAAAAAGGGGGGCCGGGGCAGGGAGGCCCCAGGGCGGAGAAGGA GAGGGAGGAAGAGGCCAAAAAAAAGGGGAAGGAACCGGAAGGAAGGGGAA CCGGAAGGAAGGCCGGCCAAGGGGAATTGGGGAAGGGGCCAAAAAAGGG G G G AA $\operatorname{G}$ G G GAA $\operatorname{GGGGGGGGAAAAAAAAGGAAGGAAGGAAGGAAAAAAAA~}$
 AAA $\operatorname{l}$ GGGGGAAGGGGCCGGGGGGGGAAAAGGAACCAACCAAGGGGGGAA
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GGGAAAGGGAGCCGGGGAAACAGGAAAGGCCACAACCGGGAAAGGAGGGA AGGAACCGGAGGGGGGAAACCAAAAAAAACCGGAAGGGGCCGGGGGGAAG G G GAGCAGGATAGGGGGAGGAAGGGAGGGGGGAAAGGGGACGGAAGGAG AA $\operatorname{A}$ GGGGGGGAGCCGGAAAAGAGGGGGGGGAAAAGGCCACGGAGGGAAG GAAGGAAGGGGCAGGGGAAGAAAAAGGAGGGGGAGGGCCAAAACCAGGG CA $\operatorname{G}$ G GAGGGGCCAAACGGAAAGGCGGTTAGAAAAGGGGAAGGGGGGAAC CCCGGAAGAAAAGAAAGCCGGGAAAAGGGGGAGGGAGCGGGCCAGGAGG G GAAAAAAAGCCGAGGAAGAGGCCGACAAAAAGGGGCCAAAACCGGAAAG GGGAAACACCGGGGAAGGAAGGGGAAAAAAAAAAAAGGGAAGAAAAAAAA G G G G G GCCAGCAGGGGAGCAACAAGAGAAAGGAGAAGAAGAACCAAGGGG GGAAGAAAGAAGAGGGCAGGGAAAGGAAGGGGAAAGAGGGAAAAGGGGA GAAAGAACCAAAGGAAAGGGAAAAAAAAAGGACAAAACAAACCGAAGAGA GCCGACAGGAAAAAGAAAAGAGGCCGGAAAGGGAGGGGGAACACCAAGAG GCCAGAAAAGGAAGGCCAACAGGAAAAGGGGAGAAAAAGAAATGGAAAAC AAACCAGGAGGAACCGGAGGGCCGAGACCAAAAAAAGAAAAAAGGAGAGG GCCGGGGGCAAAAGAAAGGGGAAGGGGGGGAAAGAAAAAGGCCAAAAAAA AAACCCCAGAAAGAACCGGGAGGGGAAGGAAGGAAAAGGAGGAAAAGCAA AAAGGGAGGAAGGAAGGAGAACGCGAAAGAGAGAAAGAGAGAAAAGGACA CGAAACAAAAGGGGGAGGAGGGGATAATAAAACGGGGAGAAACGGGGAAC CA $\ln A \operatorname{GAG} \operatorname{GAC} \operatorname{CGGGGGAAACAAGGACCGGCCGGGGGGGGAAGGAAAGGA}$ AA GACCGGCCAAGGGGAACCGGAGGAAGGAGAAAGGAACCAGTTGGAAGG AA G G AAAAAAAGGAAAAAGGGAAAGGGAAGGGAGGAAAGAAAGGAAGGGA AA G G G GAGAAACGACAAAAAGAAGGAAGAGGGAGCCGGGAGGAAGGAAAA AACCACGAGAAAAGAGAAAAAGTAAACCCCAGAAGAGAAGGGGGGGAACC AAAAAAAAAATAAAAGGAGGCCAGACAAAGGGGGGAGAAGAACAAAAAAA CAAAGGAGGGCAAACAAAGGACGGAAAAGGGAAGGGGGGGGGGAAGAAG CGAGGGAAAGGAGGAAAAGGGAAGGCAAACCGGACAAAAGAACAAGGAAG AGAGGGCGAGGAAAAGGAAGAGGGGAAAGCCGATAAAAGAAGAAGAGCCA AAGGAAAGAGGACAAACGGGGGGAACCAAGGAGAGAAGGGGGGAAAAAAG GGGAGAAGGGGGAAAAGGGGAGAAAAGGGAAAACCAATTGACCCGATCCA GAGGGCCGAGACAGGAAGGGGAAGGAAAAGAGGAAAAGGAGGGAACCAGC AAGTTCCGGAAGAAGACAAGAAACCGGGGGGGAGGGGCCAAAAGGGGCCG GAAAAGGGGAAGGAAGGAAGGGGAACCGGAAGGAAGGCCAAAAAAAGAGC CCCAAGGAAAGGGGAGAGCAAAGAAAAGGAGGGAAGGGGGGAAAAAAGGG GAGGGAGGGGGGAGAGGGGAAGAAAGGAGAGAAGGAGGCAGGGAAAAAA GGGGCAAGGGAAAAGGGGAAAAGGGGAAGGGGGGAGCAGGCCGGAGAAC CCCGGAAGGAAAAAAAAAGGGCCGGAAGGGGAACCAACCAGGGAAGAAAC C GACCAAAGGGGGCAAGGGCAGGGGAAATAGAGAAAGAACCAAAAGGGGT AGAGGGACCGACAGAAGCCGGGGGGAAGGAAGAAACAGGGAACGACCAAA AAAAAAGCAGAAAAAAAAAGGAGGAAGTAGGGGAGAAGGGGAAGGAAAAA AGGGGGGAAGGGGAAAAAAAAGGAAGGCCAAAGAAGAGGGGAACCGGAAA AAAGACCGGACGAGAAAGGGGGGAAACAAAAGGGGGAGAGAAGCAGAAAA AATGGACGGAGCCAAAGGAGGGAAGAATTGAGGCAGAAGAACAAGGAAAG GAAAAAGAACCAAAAAGAAAGACACGAGAGAAGAAAGGGGGGAAAAGGAA AAAAAAAGGCAGGACAAGGCAAAAAGGCAAAGAAGAGGGGAGAAAAAGGA GGGGGAAAAAAAAAAAACCGGAAGGGGAGAAAGAGAGGGAAAAAAGAAGA G G A G A GAGAGGAGAGAGGAGAAGACAAGGGGGGAAAAGGAAAAAAAAAAA AGAGGGGCCGGGAAGGGAAGAAGAGAAGGGGAAGGAAAAAGAACCCCAAG GACCCCAAGAAAAGGAAGGCCGAGGCCGGCCGGGGTTGGAGAAGGCCGGA GAGAGAAGGCAAGGGGGGGCCAACCGGCCGGGGGGGGAAGGGGAAAAAA G GAA G GAAGGGGAAGGGGAAAAAAGGGGAGAACCAAGGAAGAGGAAAGCC CAGGAAGGAAGGAAAAAAAGAGAGGAAGGGAAAAGGAACCGGGGGGGGCC G G A A G G G GAAGGAACCGGGGGGGAGGAAAACCGGCAAGAAAGAGGGGGA ACCAAAAAGGAAGGAGAGGAAGAGGAACCGGCCAGGGGGGGAAAGAGCCA AAGGAAACCAGAGAAAAAGAAGAAGAAGGAAAGGAAACCAGGGGGAAAAA GAACCGGAGGGCAAGGGGGCCAAAACCAAGGAAGAGAGACCCCAGAAAGA GACCCAGCACCCCAAAAGGAGAGAGAAAGAACCAAAAGAGGAAAGGGGGC CAGACGGGGGGCCGGAAGGAGGGGGAAGGAGGAGACCATGGGACCCCGA GGGGGGAAAAGGGGAGGGGACGCAACAAGGAAAGGGGGACAACAGGGGG G G A G G G GAGGGGAAGGGGGGGAAAAAGGAGGCACAGGGAAAGGAAAGGG AAGAGGAGGGAAAAACGGAGAAAAAAAGAAGAGAAGAGGAGAAAGGCCAA

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 AGGGGGGGAAACCAAAGGGGAAGGGAGAGAGGAAAAAGGAACCGAGGCCT TGGGGGGGGAGAAGGGGAAAGAGAAGGAAGGGAAAAAAGCCGAAAAAGG AA $\operatorname{A}$ GGGAAGGGGGGGAGGGGAAGGAGGAGGAAAGAAAAGGGGGGAAGGC CGGAAGGGGCCGGGGAAGGGGAGAGAAGGCCAGGGGGCCGGAAAAAAGG AAAAGGAAGGGGAAAATTAAGGAGGACCAAGGGGAGAGAGGAGGGGGGA GAAGCGAAAAGAAAAGGAACCGAAGAAGAGACCCACCGAGAAGAAGGCCT TGGCAATGGCCAACCGGGGGGAAAAGGAAGGGAAAAGAAAAAAGAGGGAG GGGAAGGAAAGGAGGGGGGAGCAGGAACAAGACAAGGAAAACCAGAAGAA GAGGGAAGGGAAAGGAGAAAAGGGAAAGGAGAAAACCGGGAAATTGGGGA A GA $\operatorname{l}$ GAGGGAGAAGGAAGGAAGGGGAAGGAGGGACGAGGAGGGGGAAAG AAAAAGCCGGGGAAAAAAGAGGGGGGGGGGCCGGAAAGGGGACCGCCCG GAAAAAAGAACAAAAAGAGAGCCAAAAAACCCAGAAAAAAAAAGGAGGGG GAAGGGGAAGGGGCCAAGGAAAAAAGGGGGGGGAAAAAAGAGAGAAAGG AA GAGAAAAGAAAGAGGAGGGGAAATCAGAGGGGAGAAAAGAAACCCAAG AAAGAAAAAACCACAACCAGGAGAAGAAGGGAGAAGAGGGAAGGCCAACC GGGGGAAAAAGGGGGGGGGGGGCCAAGGCACCGGGGGGAAAAAAACCAG GACGGAGGGGAAACCGAGACCGGGGGGGGAAGGAGGAGGGGGGTAAAAA GAAAGAGGAAAACAAAAAGGAACCAGGGAGTTGGGAGAGAGGCCAAGGAA AAGAAGAAACGAAAGGGGGAGGAAAGGAGGCAAAAAAGGGGGAAGGACAA AGAAGAGGAAGAAGAAAAAGGAGAAAGAAGAAGGAAAGCAAGGGCAAACA GATAAAAAAAAGAAGGAGGCGGGGGGAACCGAAAAAAAGAGGGAAAAAGA GGGGAGGACAGAGGCCGGGGAAAGGGAAAAGGAGAGAGGGCAGGAAAAC CGGGGACTAAAAAAAGGAAGGAAGGAAGACAGGAAGGAAGAAAAACCCAA GAAGAACAGGGAAGGCCCCAGAGGAAGGGAAGGGGAAGAGGGGGGGAAA AA $\operatorname{l}$ GGGAAGGGGAGGAAGCCACGGGAAGCCGGTTGAGAAAAGGAGGGGA ACCGGGGGGAGCCGGAAAAAAGGGGAAGGGGGAGAAGGCAAAGGGAAGC GAACAAACCCGGAACCAAGGGGAAAGAAAAAGAAAGGGAATTAAAAGGGG G G A G GAA G G G A G A CAGGAGGAAAAGGGGGGAAAGACGGGGGGAAGGAAG AGAGAAGGGGGAAGGGAGAGAACAGACAAAAGGGGGGGAGATTAACCGGA AAACCGGAAGGGGCCGGGGAAGGCCGGGGAAGGAAAAAAAAAAAATTGGA AGGGGAACCGGAAGGGGGGAGAACCGGAAAAAAGGGGACGGAAAGAGGG GGACCAGAAAAAGAGGGGAAGGGGAAGGGGAAAGAAAAGGAAAGAGGGAA GGAAAAGAGGAAAACCGAAGAAAAGGGGGGAACCAAGGAAAAGGGAAAAA GACAAAAGAGAAGACACCAAACGGAAGAGGGAGGAGGAAGAAGAGGAGAG AGGACCGGGAGGGAAAGGCCGGGGAAACGGAAAGAGACGGGGGGAGGAA GGGAGAGAAGGGAGGAGAGGGAAGGGACGCCAAACGGAGGGGGAGGGAG AAAAGAAGGAAGGAAAAAGGAAAGAGGGGGAAGGAGAGGCGGGAAAGGA GGGGGCCAAGGGGAAGGCCGGCCAAAAGGGGCCGATTAAAACCAAGGAAG G $\operatorname{G}$ G $\operatorname{G}$ G G GCCGGGGGGAAGGAACCAAGGAAGGGGGGAAGGAAAAAAAAAA GGCCCCGGGGCCAAGGGGAAGGGGAAGGCCGGAAGGGGAAGGGGGGGGG GCCGGAAAAAAGGGGGGCCAAGGAAGGAAGGGGAGAGGGGGGGAGACAG AA $\operatorname{G}$ G GAGGGGAAAAAAGACCGAAAAGGGAGAGAGCCGGAAGGGGGAAAG GTTGGAGGACCGAGGGGGGGGAACCGGGGGGCCCCAACCGGCAAAAGGG AACAGGAGAGGGGGAAACTACAGACCACAGGGAACCGAAAAGCCGGGGAA GGGGAGAACCAAAAAAGGAAACAGGAAGGAGGGGAAAGGGAACCCCGAAA GGGGCCAGCCAAAGAAAAAAAGAAGAGAAGGAAACCAGCCAAAACCGGGG G G G GCCAACCGACCAGGGAAAGAAGGAAAGAGGGGGAACCAACAGGAGAA GAAGGAAAAAGGAAGGAAAAGGGGCCGGCACCAAGGAGAGGGGGGAGGA AA GAGGGGACCGAACAGGAAAGGAAAGGAAAGGAAACGGTTAAAAGAGGA GAGAAAAAGAAAAGGAAGGGGGGGGAAACGAGGAAAGAAGAAGAAAAGGG GGCGGGACCAAAAGAAGAGAGAGAAGGGAGGGGAAAAGGGGCAGACAAGC CAGGACAGGAAAAGGAAAGCCCCGGAGGGAGAGGAAAAGAGAAGGGAACG AGAAGAAAGGAAGCCAGGGGGAAGAACGGAAAAGGGGCCCCAAAGGAGAA

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 C G GAAA $\operatorname{l}$ GGGGGGGGAAGGGGAAGGGGGGGAAAAAGAAGCCCCAGGAGG AAAAGGAAGGAAGGGGAAGACCAAAAAGGAGGGGGGCCAAGAGAGGAAAG AA G GAA GACAGGGGAAGGCCGAAAAGGAGATAACGGAAAAGGCATTGGGA AGCCGGAGTAAAAAAAGGAAAGGGAAAAGACAGAGGAAAACCAAAACCGG GGAAAACCGAAAAGGGGGAAGGGGAAAGGGAAAAGGGGGAAAGGAGAGG GAAAAAAAGTTAGGGAGGAAGGGGGAGGAGAGGAAGGCAGCAAAAGGAAC CGAGGAAAGGGCCAACCGGAGAAAAAAGGCAAAAAGGTTCCGACCACGAG G G G G G ACCCAGAAAGGACCAGCACAAGAAGGGGGGAAGGAAAAGGGGCCG G G G G G G G G G G G G G G G A G A A A GAACCAACAGGGGGGGAGGGGGACACCAA AAGGGGAGAAGAGACCGAGGCCTTGGGAAACCGGAAGGGGAGAGGGAAAA C GAA G GAAAAGGCCGGGGAGGAGAGAAGGAGGGAGAAGACAGGGAGAGA AGAGAACCCGAGGGACCGGAAGGAAAGGAGGGACAAACACCAAGGGGAAG GAACCGGAAGGGGAAGGACGGGAAGAAGGAACCAAAAGGCCCAAGAGGGG AAACAAGGGGGAAAGGGACGGAAGAGGAAAAGGCAAGGAGGAGAAGGGG AAAAAAAAGGAAAGAGGGGGGGGGAGAGAAGGAAGAAAAAGGGGGGGAG GGAGGAAAAAAAAGGAAGGAAAGAAAGAGAGACCCGAACGACAGGAAGGA GAAGAGAGGGGGGGAGGGAAGAGACGAGGAGACAACCCCAACCAGCCGGA CGAGAAAGGGGGAGGAGCCGGGAAGCCGGGACCGGAGAGAGACAAATAG G GCCAAGGAAAAAAGGGAAGGGGAGGAAAGCCACACCAAGAGACCCCCGG ACGAAAGGGCGGGAGGGGGGGAAAAAGGGGAAGGAAAAGGAAGGAGAAG AAGAGGAGACCGAAAGGAAAGAAAAGGGGGGAAGGGGCAGAGAAGAGAGA GAAAGAAAGGGAAAAAGGAGGGGGGCAGCAGGGCCAACCGGGGGGAAAAA A G G G G G GCGGGGGAGAAGGAAGGACAGACCAGGAGGGAGGGGGAAAAGG

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 AA $\operatorname{G} \operatorname{GAAAAGGGGAGGGCCAGGGAAGGAAACGGAGAACCAGAGGACAGAGA~}$ A G A G G GAA G G A G G G A G GA GAAAAACAAAGGAGGAGGCCAGGAAAGAGGG A G A G G G G G A G G G GAGACAAAAAGAGAAAAAAAAGGAAGGGGAAAAACAAG A G G A G G G A A CACCGGGGGGGGAACCCCAGCCGGCAAGGAGAAGCCAGACA GGGAGGGCGAGACGGAGGAGGAGAAGGAAAAGGGGGGAAGGGAAAAAGA GGAGGGGGAGAGAAGGAGAGGGGGAAAGGAAGAGGAGAGGGGGACAGAC ACAAGAAAGAGAAGGGAGGAGACGGGGGGGGGGGGGAGGCCAAGGCCGG GGAAGGACAGGGAGGGAGGGGGGGGGGGAAAAAAAAAGGGGAAAGGGAG ATACCCAGAGAGAGGAAGGAGGAAGGGAGGGAAAAACCCACAAAAAAGGA AGGCCGACCGAGAAAAGAAGGAAAGCCGAAGAGACGGGGGGAGGGAAAAG GGGGAAGCCGCGAGAAAAACAAGCACAGAAAGGAAGGGGGGGGAAGGGG

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GAAGGGGAAGGGGAAAAGGGGGGGGGGAAAAAAAAAAAAGGGGAAGGAA AAGGGGGGAACCGGAGGAGAACAAGAGGAAGGAGGAAGAAGGAGAGGAA AAA G G G GAAAAAAAGAGGGCAAGAGAGGGAGGAAAGAGGAAGAAGACAAA GACAAAGGGAGAAGGCAGGGACCGGAAAAGGAAAGGGCCAGCAGGGGGG GGAAAGACAGACGGAGCAGGGAGGAAGGAACAGAAGGCGAATACAGAAGG AGAAAAAAAAGGAAGAGATTAAAAGGGGGGGGGACCTTCCAGAAAAGGAA AAAAAAGGAACCGGGGGGCAAGAGGAGAGAAAAAGAGGACAGGGAAAAAA GGGGGGGGCCAAGGGGGGGGAGAAGGAAAGCAAAAAGGAAGGAAAGAGG GAAAAAACCCCAACCCCGGGGGGGGGGAAAGGACCGGGGGAGGAACAAGG AGGAGAAGAGGGAGGGGGGGAAGAGAGAAGGACAGGAGGGGGAGGAAAA GGAACCCCAGAAAGAAGGAGGGCCCCAAGGGGAACCCCGGCCAAAAAAAA AAAACCGAAGGGGGAAGAGGAGAAAGAGACAGAAGGAAAATTGGAAGGGA GGAGACGGGGGGAAGGGGGAGGAGGAAAAGGGGGAGGGGAAAAAGGAAG GGGGGAACCAAGGGGGGAAAAGGAAAAGGAAAAAAAAAAAGGGGGACAAA AGGAACCGGCCAAAAAAAACCCCAGAAAAACGATAAAGGCCGAACAGGAA GGGAGGGGAAGGGGGGGCAGGAAAAAGACAAACACGAAGAGAGAGGGAA GACAAAGGCCAAAAAAAAGGAAAAAAAAGGGGAAAAAAAAAACCAACCAA GGAAGGGGCAGGGGAAAAGAAGAAAAGAAGAAGGGAGGGAGGAGAACCA GGACGAAGGAAAAAGAGGAGACCGGGGGACCGAGGAAAACCGGAAAAGAA ACGCGGGGGAAGGAAAAAAAAGGCCAAAGGAGGGAAGAGCCGGGAAAAGG AGGAAGGAAGGAAAGAAGGGGGGGGAAAAGGGGGAGGGAGGAAGGGGAG GGAAAAAAAGAGGGAAGGAAAGAAAACCAGGGAGAAAGAGGACCAAAGAG AAAGGAGGAAGAGAGGCCGGAAAAAACCGGCAAGAAAGGAAGCCCAACAC GAGAGGAGAGAAAAAAGGGAGGAGAAAAGGAAGGGGGGAAGGGGGGAAG GAAAAGGCCGGGGGGAGGGAAGGGGAAAAGAAAAAGGGGGGGGGGGGGG TTGAAGCCCCGGCCAAAAAGCCGGAAGGGGGGGAGAAGGAAAGAGGAAGG GAAGGGAAGGAAAGGGGAGGGGCGGGAGAGAAAGGGCCAGCCGGGGAGA GACGAGGACAGAACCGGGAGGGACAAAAGGGGAGAAGAGGAGGGGCCAA GAAGAGGGCCGGAGCAGGCCAGACCCGGAGGGAGAGAGAGGGAAAAAGG GAAGGGAAGGGGGGAAGGGCCAAGGAAACGGAAGAAGAAGGAAATAAAAA AGGGGGGGGAGGGGGGGGGAAGGAACCGAGGGGAAGGAGGAAGGGCCGA ATCCAAGGGGAACCAACCAAAAGGAAAGGGACAAAACCAAAAAACCGGAA CCGGAAAGGGGAAGGGCCGGGGAGAGAAGAGAAACCGGACAAGAAGGGG GAAGGGGAGAGAGGAAAGGAAAACCAAGGCAAAGGCGGAAAAAGGGGGGA AGGCCAAAGGGGGAGGGACCCCCACGAGGGGAAGAGAAGACGACAAAAAG GTTGGAGGAGGGGAAAACCAACCAGAACCGGAAGGAGGAGGAGGGAAAGA AA $\operatorname{la}$ AGGAGGGGGCCACGGAAAAAGGGGGGGAACCCAGGGGGAAAAACC GAGAAAAGCCAGGGAAGAACAACCAACCGGGGGGGCGGAGCCGGGGAGAA GGGGAGGAAAGGGGAAGGAGCAAGGGAAAAAAGACAAGGGAGAGCAAACA GGAAGAGGAAAAGGTTCCGGGGCCCCGGAAGGAGCAGAAGGGAGCCAAAA GGAAGAAAAGCGAAGGAAGGGAAAGGGGGGGGAGAGAAAAAAAAAAAAGG GGAAGGAAAAAACCACGGAAGGGGGGAGGGGAGGGGAGGGAAAGGAGAA AGGAGAAGAAAAGGGAAAAAGGAGGGGCCACAAAGGGACCAGAGAGAACG GAGGGAAAAAAGGAGGGAAAAGGCAGAGAAGAAGGAGGGAAAACCGAGGA GCAGGGGCCGAAAGGAAAAAAAGAAACAAAGGGAAACGGAAGGGGAGGGA GGAAAGGGAAACGACAAAAGGAGCAGAAGAGAAGAGGGGGGGGAGAACCG GAACCGAGAGGTTAAGAGGAGGGGGCCCCGGAAAAGAAAGAGAGAAAAAA GGGAGGAGAGGAAAAAAAAAAAAAAAAAAGACCAAAAGGCCAAGAAAGAG GCCCAAAGGGGGGGGCGAGGAAACCGGAGAGAAACAAAACCAAGGAAAAA GGAGGGGCCGAGAGGGGGGGGAGAAGGGGGAACGGGGACGGGGGAAGAA GAGGAAGGGGGGAAAAAGCAGAAAGGACGAAAGGAAGAGGGAGGGACCG GGAAGAAGGAAGGCAAAGGCCCCGGAAAAGGAAAAAGGAAAAAGAACGGG GCCAGGAAAAAGGGGGAAGAGAAGGGGAGCAACGGAGGGAAGGAAAGAG AAGGCCAGGGAAAACCGGAGCCAAGGCCGACCAAAGAGAGGGAAAAAAGG AGGAAAGAGGGAAAAAACGGGGAAGGAAGGAAGGAAAAAAGGGGAACCGA GGGGAGAAGGGGGGGGAAAGGGGGAAGAAAGGAAGAAAGGGGGAGAAAA GAGGAAAAGGGGGAGAAAAGGGGAAGGAAAGAGGGAGAGGGGGGGAAGA GATAAGACGGAGAAAAAAAGAAGAGGGGGGAAAGGGCCGGGGAAGAACGG AGAAGAGGCCAAAAGGAAGGAAGGAAAAGGGGAAGGAAAAGAGAAGAAAA GGGGAAGGAACCGGAGCAGAAGGAAAGGAGGGAAAGAAGGGGGGACAAA AGGAGAAACGAGACCGGAAAGCAAGGAGAGGGGCCAAGAAGAGGAGAGGA

ACACCAGGAGGGAGGGGGGAGGGCAGAAGCCGAGGGGGGGGAAGAAAAG GGAAGGGGGGGAAAAAGGGGCCGGACAAAAAGAAAAAAGGAAAACCAACG GAGGGGCCAACAAGAAAGGGAGTTGGAGCCAACACCGGAAAAAAAGGGAA AGAGAGAGGAGAACAGAGGAGGGGGACCGAAGGAGGCAGAGGAGAAGGA GAAGGGGGGGGGGAATTAGAAGAGAAAAATAGGGGGGGGAAGGGAAGCC GGGGAGGGGGGGGAGGGGAACAAAAGAGCAGGTTCCAAGGAGACAAAGA CAGGGGAGGGGAAGGAGAAAAGAGGGGGAAGAACAAGAAGGGCAAAGGG CAGGAGGGATGAAACAAAGGAAAGGGAGGGGAGGGGGGGGGGGAAAAAC CGGAGCCGGGGAAGACCGGAGGAAAAAAGAGGACGGAAAAGACGGCCAAG AGGAGAAGAAAAAAAGGGGAAGGAAAAAAAAAAGGAGAGAGGGGGGGAAG GGGAAGGAAAAAAAAAGAGGGAAACCCGGGAGACAGAGAGGGGGGGGGG GGGAACAAGAGACCAAGGAAAAGGAGCAGGACAAAAGGCCGGCAGGGAGG AGAGGGAGAGAAGAAAGGGGAGAAAGGAGGAAGAACCCGGGGGGGGGAA GAAAAGGAACCAAATAGAGAGGACAGAAAGGCCGGGGAAGGGGGAGAGGG GCAAAAAAAGGAGAGGGAAAGAGGGGGAAGGGGGCAGAGAAAAAACCAGA AAAGGGGGGGAGAGAAAAAAGAGAGAAGGGGCACCACGAGGAGAGGACAG GGGGGGAAAAGAGAGAGAGCAGGACAGGGGGGGAAGGAGGGGGGGGGAA GGGGAGAGGGATAGCCAAAAGAGAGACAAAGGGGGAGAGAAAAAAACCGA CAAGAAAAGGGGGGAAGGGAGGAAGAAGGAGGGGAAAACAGGGAAAAAG GAGGGGGAGGGGAGGGGGAGAGGGAGAACGGGGGAGGAGAGCAGAGAAG GGGAGGAAGGCCAAGAAAAAAAGGACGGGAGAGGGAAACAGAGGCCAAGG AACCAAAAAACCGGGGGGCCAAGGGAAAAAGGGGCCACGAAGGAAAAGGG GGAGACAGGGGAAGACGAAAGGGGACGGAAAACCAGAAGGGAGGGGGAG GAAGGAGGGAAGGCAAAAGAACCAAGGAAGGAGGGAGAGAGGGAGAGGA GGAAGGAAAGAAAAGAACGAGAAGAGGGGGAGAAGGAAGGAAAGCCAAGA AAGGAGGGGGCCGAAGAAGACAAACAAAAGGGGAGGAAAACCGGGGAAGG AAAAGAGGAAAAAAGGCAAGAAGGAACCAAGAAAGGGGGGAAAGAGCCAA GGAAAGGGAAAAAACCGGGGCGAAAAGGAGAGGGGAGGAAAGAGAAAAGA AAGGGAGAAAAAAGAGGGGGAGAGAGGAAGAAGGGGGAAGAAAGAAGGG AGGGGAGGAAACCAAAACCGACCAAGGAAAGCCAAAGGGAAAAAGAGGGC AGGGGAGAAAGAGAGGCAAAAGAGGAAAACCAAGGAGGGAGGGCCGGAGA GAGAAAGGGAGAGGAAAGGGGCCAAGACAAAGGGGAAGGAGCCGGAGGG CGGGGAGGAAAAGGGGAAAAAAAAAAAAGGGGGAGGAAAGGACCGGAGCA GGGGGAAAGGCCAAAACCCCAAGAGAGGGGAAAGTAGGAGGAAAAAAAGG AGGGAAAACAAAAACCACGGAAGGAAGGAAGGAACAGAAAGGGGAACAGA AAACCCCAGGGGAGACGGAAAAAGGGAGAACAAAAAGGGGAGGGAGGGAA GGCACCGGAAGGGAACGGGGAGAGGGAGGAGGAGGGGGAGCAAGAAGAG AGGGGGAGGACGGGGAGAAGAAGAGGAGAGGAGGGGGGAGGAGAAAGGG GGGGGAAAGAAGGGAAGGAAAAAGGAGGGACATAAGGGGAGACCACGGG AGAAACCAACAAGAGAAAGAAAAAAGGAAAGAAGGGGGACAGAAAGGGGA TTTAGCGGGGGCCGGGGAAGGCCAAAAAACCGGCCGGAAGGAACCAAGGA AGGGGCCGGAAAACCAAAACCGGAAAAAAAACCGGCCAAAAGGAAAAGGC CGGAAGGAAGGGGCCGGCCAAGGAAAAAAAAGGAAAAGGTTGGAACCAAG GAAAAAAGGAAAAAAGGAAGGGGAACCAAGGAAGGAAGGGGGGGGGGAAC CGGCCAAAAAAAAGGGGGGGGGGAAAAAAAAAAAACCAAGGCCAAAAGGA AAAAAAAGGAAGGGGGGCCGGGGAAAAAATTGGGGCCAAGGGGAAAAAAC CGGAAGGAAAACCAAAAAAAAGGAAAAAAGAGAAGGGGGAGACAGGGATT AGAAAAGAGCCGGAAGGAGGGCATTGAACGGGAGGGGGGGGAAGAGAGG AAGGAACCGGAACCAAGGCCAAAAAAAAGGCCAAGGGGAAGGAACCAAAA GGAAGGAAGGGGAAGGGGAAGGAAGGGGAAAAAACCGGAAAAGGGGCCG GGGAAGGGGAAAAAAAAGGAAGGGGACCCGGGAAGAAGGAACCAGAAGAG ACCCCGAGAAAGGAAAAAAAAAAAAAAGAGAGAGAAAGGAGAGAGGGAAA AGGGGTAACAGGAAGAATTAACGGGGACCAAGGAGGAAGGGAGAAAACAA GAAGGGAGGGGAAGGAAACAGAAAAGCGAGGAGCCAAAAGGGGAAAAGGC AGGGGGAAGGGGGAAAAAGGGCCGGAGAAGGAAGGGGGAAAGACCGGGG GGGGAAAAGAAGGAGGAAAAAGGAAGAGCAGGGGAAAAGGGGAACAAGAG AGAACCGAACAAAGCCAACAGCGACCAGGGAAGAGGGGGGCCAAAAGGGA GAGGAGAAACACGACAGGGAGGAAGGGGAAGGGGGGGGGGCCAAGGGGA AAAGGCAGAAGGAGAAGAGAAACAAGAAGGGAAGGGAACAAAAAAGGAAA AGAGGAAGGCAAAAAGGCCGGAAAAAAAAGGGAAACAGAAAGGGGAAAAG GCCGGGGAAAGAGGGAGGGGGCCGGAAGAGCAGAGGGAAGAAGGGACCA

CCGGCCAAGGAAGAAAGGGGAAGGGGAAGGAAGGAGAAAACACCGAAAAC AA $\operatorname{G} G \mathrm{G}$ GAAAAGAAAAGAAGAGGGGGGAAAGGACCCAGGGGGGCCAAAAGC AA G GCCAGAAGGAAAAGGAAACAAGGCCAAGGAAGGGGGGAAAAGGAAGG AA G GAAGGGGGGGGAACCGGGGGGAAAAAAAAAAGGCCGGAAAAGGAAAA AAAAAAGGAAGGAAAATTAAAAAAAACCAAAAAAAAGGAACCGGCCAAAAA AGGGGAAAAAAAAGGAACCGGAAAAAAAAGGAAGGGGAAGGAAAAGGGGG GAACCAAGGAATTAACCAACCAAAAAAGGAAAAAAGGGGAAAAGGAAAAC CAGGGCAGAAGGGAGAAAGAGACAGGGAAGGGGAAGAAAAACCAGCAAAG GGGAAGGGGAGACGGAACCAGGAGAGACCGAAGGGAAAAGGAAAAGGGG CCAATTAAAAGGGGAAAAAAAACCAAAAAAAAGGAACCAAGACACACCACC CGGCCGGGAAGGATTAAAAGGGGAAGAGGAGGAAAGGAAAAGGCCACGGG GAGAAGGACAAAAGGGGGGACAGCAGGGAAAAACCAGGGGGAAAAGAGGG ACCGGGGGGAAACGGGGCCGGGGAGAAAAGAAGGGAGAGAGAGGAAGAG AAGACAAACCAACCGGGGCAGAAGGGTTAAAACCAAGGAACCGGGGGGAC CCAGAGAGGGAAAAAAAGAAAAAAGGGGGAAGAAGGGAGAAAACGGAAAA GGAAAGGGAAGGGAGGGGGGAAAAGGCCAGGGGGAAAAGGAGGAAGAAG GGGCCCCGGAAAGAAGGGGGGAAAAGGGGAAGGGACCGAGGAGGAGGGA G GAA G G G G G A A A CAAAAAAGAGAACACCCGAGGGACAAAGGGGGGAGACA A G G G GAGGCGAAGGCCGGGGCACCCACCGGGGGAAGGAAGGAAGCCGAG GCAAGGAACGAGGATAAAGGGAAAAGAAAGGCCGGGGGGAAGAGAGAGGA ACCGGAGCCGGGGAGGAGGAAAAAGGAACAGGGAAAAAAAGAAAAAAAAC A GAA G GAGGGGAACAGAAGAAAAGGAAACGGGGACAGGGACGAAAGGGGA CAAGGCCAGGAGGGAACAAGGAAACAGAAGGAGGGGGAAGGTTCCAAGGA AAACAAAGAGAAAGGAGAAAAGACCAAGGGGAAAAGACCGGGGGGGAAAG G G G GAACAAACGGGGGAGGGGGGGGAAAACCCCGAGGAAGGGAAGAAGG AGAGAGAAGGCAGGAAAGGGGCAAGGGAGGAGAGGGCCAAGGGGAAGGC CAAAACGAAAAACGAGACCAGAGGGGAGACCGAGAGAACACGGAACCAAG GAAGGGGCCAAAAAAGGAAAAGGGGGGGCGGAAAAGGAAGAAGACAGGCA GAAGGGGAGAAGGAAAAAAGGAAGAGAGGGGAAAAGGCAAGAGGGAAAAG AAAAAAAAAAGGAAAAAAAAAGAAAGACAGAGGGGAGGAGAAGAGGGAAG GCAGAAGAGGGAAGGCCAGCAAGGAGGAGGGCCCCGGGAAAGGGGAACC GGAAAGCCAAGGAAACAGGGAAGGGGAAGAGGGGAGAGAAAAGGAAGACC AAGGGACCGGGAGGCCACGGAACCGAAGCAAAAGACAGCCAAGGAAGGGG ACGAGAGAGGGAGGCCAAAGGGAGAAAAAAAGAGGGGGGAAAAAGGCCGG AAAGAAAAGGAAAGCAGAGGGAGGGGACAAGGGGACAAAGAACCAGAACC CCCCTTACCCCCGAGAGAAAAGCAGAAGGAGGGGACAAAGGGCAGGAAAA G GAGGGCCAAGGGGGGAAGGCCGAGGAAAACCAAGGAAGGGGCCAAAAAA AAGGAAAAAAGGAAGATTAAAGGGGGAAGAGAAGAGAAGGAAAAAGGAAA AA G G G GCCAAGAGGCACCAGGGAAAAGGGGAAGGGGAGGAGAAAGAAAG GGAAAGGAGAGAAGGGGGGAAGGGGACGGGGAAAAAAGGCACCGGCCAA GGGGGGAAGGAAAAGAAAAAGGAAGGCCGGGGGGACCAAGGAGGAAGGA GCAAGGCAGGAAGGGGGGACAGAAAGGAAGAAACCAAAAAGACGGAGGGA AGGAAGGGGGGAAGGTTAGAAAAAAAAGAGGGAGAAAAAAACCAGAGGGA ACCGAGGGGGGCCAGAGAAGGGGAAGGGGGAAAGACACAGGGGGGGAAG TAGAAAGGAAAAGGCAAACCGGAGAAAAAAGGGAAAAGGAAGGGAAGGGA G G G G G G C CAA $\operatorname{A}$ GGGGGAAGGGAAAAGAAGGCAGACGAAGGGGGGGGGAG GGGCCAAAAAAGGAAAAAAAAAAGGGGGACACAAAAGAGGAGGGGGGCGG G G G G G A G G G G G G G G G A A A A CA $\operatorname{A} A G G A A C C A A G G G G G A G C A G A G A G G C G G$ AAAAAAGGAAGGAAAGCCGAGGGAGATTAAAACCCCGGGGAGGGAAGGAC ACGAGAAACCAAGGATAGGAGAGAGGGAAAAGGGAGAAGGGACCAAGGGG AA $\operatorname{l}$ GGGGGGGGAGGTTCAGGCGGGAAAAAAAGGGACAGAGGGGAGGAGG GGGAGCCAAAAGAGGCGAGGGGAAGAGGGAGGGGAGAGACAGAAACAAA G G G G A G GAA G G G G GAGAGGAGGAGTTCCGGGGAAGGAAGGAAGAAGCAA GAGAGGGAGAACCAGAACCAGCAAAAAGGGAAAGGGAGGCCCCGGGGGAA CССАAССТТССAACCGGGGGAGAGAAAAGGGGGGGAAAAAAAAAAGGGGG GGGCCGAAAAAGGGAAAACAAAAAGGGAAAACAAAAAAGAAAAGAAAAGA GGGGGAAAAAAACAGACAAATGAAAGACAGCAAGAGGCGGGGAAGGAGAA AAACCAAACGAAACCAAAAGAACGGAACACCAAAAGGGGAGAACACAAAG GAAAAAAGAGGAGAAGAGAGGAAGGAAAAGGAAAAGGGGACACGGAAGAA GGGCCAAAGGGAAGGGGGGGAAGAGGGCCGGAAAAGAGGGGAGAGGAAG AAAGAGACCAAAGGGGAAACAAAGGGAAGGGGCCGAGGAAGGAAAAACGG

AAGGAAAAGGAGGAAAAGGGAAAAGGCCGGGGGAAAGACCGGAAGAAGAG AAAAGGGGAAGATTCCGGAAGAAGAATTGAGAGGAACCCCGGAAGAGGGA AAGGAGAGCCGGGGAAGGAAAAAAAAGGGGCCAAGGGGCCGAGACAGAAA GGAGAAAGCCAAAAGGAAGGCCGGGACAGGCAGAAACCAAAGAAAAGGAA AGGACCGACCAGCCAACCCCACGGAAGGAAGGGGAGAGAAAAAAAACCGA AA $\operatorname{G} \operatorname{GGGGG} \mathrm{GCC}$ GAAAAAGGGGGAAGAGGCAACCGGAAAAGGGGCCCAGGG
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AGGGGGGAAAAGGGAAAAGAGAGGGAAGGAAAAGGAGAGGAGAGGAAGG C CAA $A$ AA G G GAA $\operatorname{AAGAGGGGAAATCCGAGGGGGGGGAGAACGAGAGGGA~}$
 CCGGAAGAGGGACAGAAACCGGGGGGAAAGAGAAGAGGAAAGGGAAAGAA AAAACCAAAAGGGGGAGGGGAGAGGGGGAAAGGGGAGAGGAGAAGGGGC CGGGAAGAAGGAAGGAAGGAAGGAAAAGGAAGGCCGGCCAAGGGGGGAA G GAAAAAAGGGGGGAAAACCGGGGGGGGAAGGAGAAGAAAAGAAAAGAAG ACGAGAGGAAAAAAGAAAAAGGAACCTTGGAGGAGAGACCGGAGGGAAAA AAACACAGAGGGAAAGGAGCAGCCAAAAGGAAGAAGGGGGGGGGGAAGG GCAAGGAGAGAGGGGAAAAAGGAGAAAGGAAGGGGGGGGGAAGAACCCC GCCCCCCAGAACGAAAGGAAAAAGAGCCGGAGCCAAAGAAAGGGGGGGGG AATTAGGGGAGGGAAGAGGGGGGGACCCAAAAAAGGCCAAGGAACCGGGG AAAGCCGAAGAACCGGGAGGAGAAACAAGAGAACAGAGATAACCAAAAAG GAGGGAGGAGAAAAGGAAGGAAGGCGACAAAAGATTAAGGGGGGAAAAAG GAAAGGAAGGAACCAAAAAAAAAGCAGGAGAAGAAGAGCCAAGGACGAGA CCAAGGGGAGAAAGGGGGGGGGAAGGGGAAGAAGGAGGAAAAAAGGGGG AA G GATACAGAAAGAGGGGGGGGGGAAGGAAAAGGGGGGAAAAAGCCGA CCGGGGCAGGAGAAAAGGGGAGGGGGAAAAAAAGCCGGGAGGGGAAGAA G G A G G G A CACCAGAGGGGGAAAGGGACGGCCGGGGGGGGGACAAAGGGG GGGGAAACAGAAAGAAGAAACCAAGGGACCGGAGAAGAAAGGAAAACAAA AAGAAAGGGGAAAAAAAAAGGAAAAAGAAGGACCGGGGACGGGGAGGCAA G G G GAC GAGGAGAAGGAAGGAAGAAGGGAGGGAACCAAGGAAAAAAGGG A G G A G A G CA $\ln$ A G G G G A A G G G G G A GAGGCCGGGAAAAGGGGGAAGGGAAG G G G G G G G GAAAAGAAAGGAAAGGGCCGGGGAACCAAGAGAGGAAGGCAG GAAGGCCGGAAAAAAGGGGCCCCCCGGAAAAGAAAGGCCCCGGAAGGAGA AGGCAAAGGAGGGGAGGGGAAGAGGAAAACCAGGGGGAAGAAGCAAGAG CAGAAGCCCAAGGGAAGAGAGGAGGAAAAAAGAAAAAAGAAAGGATAGAA GGAAGAGGAGAAAGAGGGGAGGAAGGAAGGAGGGGGAGGAGGGAGAGAG AGGGGAGAAGGAAGAACAAACGGACAGCCAAGAGAAGGGCCGGAAGAAAG GGGGAAAGGAAGACAAAGGCCAAAGGACAACGGGGAGGGGAAGGGCCAG G GCCGGACGGAGGGGGGGGGAAGGGGGGAAGGGAGACCGGAGGGGAGAG GAAACAGGAGGAGAAAAGGGGAGGAAAAAAAGGAGGAAATTAGAAGAGGA A GAGGGGAAAGAGAAGAAAGAGGAGGACAGGGAGGGAAAGGAGAGGGGG
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GAAGGGAGGAGACAAAGGCCGGGGAAAGAGGACCGGAGAAAAGACCGGTT GGAAGGGGGAGCCAGGGGCCCCAACCAGGGGGCCAAAAGAGGAAGGAGAA CCAAGAGAAATTCCGGGAGGAACAGAGGAAAGAGGGAACCAAGGACAGAG CAAAAAGGAAAAAACCAAAAAAAAGGGGGGAAAGCAAAGAAAAAACGGAG GGGAAAAAAGGGGGGGAAAAGGAGGACAAAAACAGGGGGGAGAAAAAAAA AAAAAAAAGAGGAGAACAAAGGCAAAAAACCAGGGGCACGAGAAGAGGAA GGGGAAAAAAGGAAGGGGAGAGAGGGAAGAAAGGAAGAGGACCAAAAGG GTTGGACAAGGGAAACCCCAGGAAAGGCCGGAAAAAAGGCCCCAAGGCCC CGGCCCCGGGGAAGGAAGGAAGGGGGGAAGGGGGGGGGGTTAAGGGGAA GGAAGGAAAAGGGGAAGGAAGGAAGGGGAAAAAGGGGGAAGGGAGGAAG GAAGGGGAAAAAGGGAGGGAAAAAAAAAAAGGAGGCAGAGGGGGACCGGC CGGAAAACACCCCGGGGGGAAGCGGGGGGAACAAGGGGGGGGGGGGGAA AAAACAGAGGGGAGAAAGAGGAGGAAGGAAAAAGCCGGAAGGGGAAGAGA AGAGGGAAACGGAAAGAGGAGGAAAGCCGGGAAATTGAAGGAGGAAGGAG GGAAAAGGAAGGAAAGAGACAGAAAGGGAAGGGGAAGGAAGAGGGGGGG GGAGGAAGGGGAGAGGAAAGGAAGGGAAGCCAAGGGAAAGGGGAACCAG AGCACCGGGGAAAGACAGAACCAAGAAGAAGAAAACAAGAAGGAAGAAGG GGAAGGCCAGACGGCCAAGGAGAGGGACGGGGGAAAAAAAAAAGAGGGAG GGGGAAAGGGAAGGGGGGAAGGGGGGAGGGGGGAGAACAAAGGGGGAAA ACCGGCCAAGAACGGGGGGAGGAACGACAGGGGCCGGCACCGAAAAGCCG AGGGGAGGGAGGAAAAACCGGGACCAGAGTTAAGGAAGGGGAAGGGAGG ACAAGGGGCCGGAAAAAAAAAAGGAAAAGGAAAGCAAAGGAGGGAAAAAA AA $\operatorname{la}$ AAGGAAGGAAGGAAAAAAAAGGCCGGGGGGGGGGGGCCAACCAACC GGAAAAAAGGGGGGGGAAAACCGGAGAGAAAAGGGGAAAGAGCCAGGGG GGGGGGGCCCAGGAACCAAGAAGAAATAGCCGGGGGGAAAAAAAGACAGA GAAAGACCAAAAAAAGGGGGGAAGAAAAGAACCAAGGAAAAGGAAAAAAA AAAAACCGGGGGGAAGGAAGGAAGGGGAAGGCCAAGGGGAAGGGAAAAAA ACAGACCAAAAAAAAAGGACAGGAGGGGGAAAAAGAAACAAGGAGGGACG GGGAAAGAAAAGGAGGGAGACGAGACCAAAAAGGGGAAAAACGGGGGAAG GGGGGCGACAAACGAGGAGCGAGAGAGACGACAGAGAGGGAAAGGGAAG AGGGACTTAAAAAAGAAAGGAGAGGGAAAAAAAAAGGAAGAGGGACGGGG GAAGGGGGGAGGGACAACAAGGGGGGAGAGGGGAAAGAGAAGGAAGAGG AAGAGAAAAAAGGCCCCGAAAGAACGAGAGAAGAGGGAAAAGACCAAGGG GAAAAAAGGGGGGGGGGACGAACGGAAAGACAGGAAAGGAGAAACAGGG GGAAACGGAGGAGGGGGAAGCCGAGGAAGGAGACAGGAAGGAACAAGGG GCCGAAGGGCCAGAGGAGGAACCGGGAAGAGGGAGAAGGGAGAACGAAG AGGGGAAGGAAAAAGAGAGGGGAACCGAGGAGGGAAAAGGGAGAAAGGA AA G GAGAGAGGGAGAGAAGACAAAAAGGGGGGGAAAAAGGGGGGGGGAG GGAACCGGCAGAAGAGAGGGACGGGGAAGAAGAGAGGAGGAAAAAAGGAA AAAAGGAAAAGGAAGGCCGGAAAAAAGGAAAAAAGGGGGGGGAAGGAAAA GGAAGGAAGGAAGGGGAAAAAGAAGGAGGAAAAGAAGGGGGGCCGAGGG AAAGAGGGGAAAAAAAGAGGAGGAGGAGAGAGAAAAAACAGGAAGCCGAG GGGAAAAGGGAGAGAAAAGAGCAGGAAAGCCAAAAGGGGGAGGAGAGGAA AAAAGAGCCGGAAAAGAAGAGAGGGAAGGGGAAGGGGAAGGAAGGAAAAA AAAAAAAGGAAGGAAAAGGGGCCGGAAGGAAAAGAGGGGGGGAAGAAGGA AAGAAGGAAGGGGGAAGGAGAGAAAGGAAAGGACAAGGAAGGGAAGGAAA AAGCAGAAAGGAAAACAAGACAAAAAGAGCCAAGGGGAAAAGAACAGAAA AAAAAAGAGAACACCAAGGGACAAGCAGGGAGGGAAGGAAGAAGAAAGGG GAAGGGGGGGGGAAGGGGGAAGGGAACAGCCAAAAGAAAGGAAAACAAG GAAGGGCAAAAAAAGAGGGGGGAGCCAAAGAAAAGAGAGGCCGAGGAAAA ACGGAACCAGGGACGACCGGGGAGGAAAGGGGGGGAAGAAAAGGGAGGA AAAGGAGCAAAGGGGAGAAAGAGAAGAGGAAAAAAGGTTGAGGGAGGAAA AGGAGGAGAGAAACCGAAGCCAAGGAAGGGGCCGGGGCCAAGAGAGGAAG GGGAAGGAAAAGGGGAAAACCAACCAAGGAAGGAAAAGGCCGGAAAAGGA AGGGGGGGGTTGGGGCCAAGGAACCGGCCAAGGAAAAAAGGGGAAGGGG AAAAGGAAGGAACCGGGGAACCAAGGAAGGGGACAGAGGAAGGACCAAGG AGGAGGAACCGAAAAACCAAGGGGAAAAGAGGAAGAGGACGGAAGGGAGA AGAGGGGGGGGGAAAAAAGGGGAAGGAGGGAGGAGGAAGGGGAGGGAAG GCCAGGACACCGGGGAAAAAGAAGAGGAAAGAAAAAAGGAAAAGGAGAGG GGGGGAAGAGGGAAGAGACAGGGAGAAGAGGGGAGGGGGACGAGAGGCC GAAGCCGGAGGGAGCCAAGGCCCCGGGGGAAGGGGGAGGGGAAGGAACA

AACGGAAGGGGAAAAGGGGAAGGAACCCCCAGACCGGGGAGAGGGGGAG G GA G G GAGAGGACCCAAAGACAAAGGCACCAGAAGGAGGGGGACGAGGCA GAGGAAAAAAAAAGAGGGCCAAAAAACAGGGGGGGGAAAGAAAACAAGGG A G A G A A G A G A GAAAAAGGAGCAAAAGAAGGGGGGGAACGGGACAGGCCAA GGGGAAAAAGAAACGAGGAGACGGAAGGAACCGGAAAGGGGGGGCCAAG G G G A G G G A A A G G G A A G G G G A A G G G G G G A A A A G G GAGGAACAAGGGGGGG G G G A G G G G G GAGGAAGGGAGGGGGAAACAAGGAAAATAGGAGTAAGGGA AA $\ln$ AAAAAAAAGGGGGGGGGGAGAAGGGAAGGGAGGAAAGGAGGGAGGG GAGAGGCCCCGGAAGACCACGAAAGGAAACGGAAAAAGCCGGAGAAGAAA AA G G G GACAAGAAAAAGACAGGACGGGGAAGGAAAAGAAGAACCAAGCGA CCGAGGAAGGGGGGAAAAGAAAAGAAGGAGGGGGGGAAAAGACCGACACA AA $\operatorname{A}$ GAGGGAGAGAAGGAACCGGGGGGGGCAAAAAGAGGGGGGGGAAGAG GGAGGAAAAGAGGAGAGCCGGGGCCAAGGAGGGGGGGGAAGCCAGAGAG AGGGAAGGGAGAGAGGCAGAGAGAGGAAAACACACAGACCCCAAGGGAAA AACAAGAAGGAAAAAAAAGGCAAAAAAAAACCGGAAGAGAGGAAGGCCGG GGGGTTGGAAGAGGGGGAGAGGGAAGGGGGGGGGGGAACAAGACGGAGG AAGAACACAAGGGGGAGAAAAAAGGAAACCAGGAAAAACACGAGGAAACA
 G GA GAA G G G G G AAGGGAATTCAAGAAGAGAAAGAGCGAAGGGCCAAGGGA CCAGAAAAAAGGAAAAAAGGGGAGAAAAGAAAAAAAAGCCAAAGAAAAGG ACCAAAGAAGGGAGAGGGGAAAAAGAGGGGAGGACCAAAAGGCCAACAGA AA G G GAAAGGAAAAGGAAGGGAAGAAAGGAAGCAGAGATTGGGAGGAAGA AGAAAAGGAAAAAAGGGGGAACGAGAGAACGGGGGAAGGGAGAAGAGGCA G GACGGAGGGAAGGAAGGGGGGAGGGGGGAAGACGGAGGGAGGAAGGGA GCCAGGGAAAGCAGAAAGGAGGGAAAAGAGGCCGGGAGAAAGGCCGGGG GGAGGAGAAAGGAGGGAGAGGGGGGAACAACCGGGACAAGACGGAGCAT AA A A GCAGGGGGGGAGGGAACGAGAGGCGGGAGAAGGGAGGCCGAAGGA GGGAGGAGGAAAAAAAAAAAGAAAAAACCGGGGGAAAAGGCCCCAGAGAA G G G GCCGGGAGGAAAAAGGGGAAAAAGGAAAAAAAAGGAAAAAAAAGAGG AGAGAGGGACGGGGGGGGACCCGGAGGGAAAAAGCAGGCGAAAAAAAAG GGGAAAAGGCAAAACGGAAAAGGGAAAAAGGGGAGCCGGCCGGAGGGAGA AAAGGGGGGGAGGAAGGGGAAGGCCGGCCAAAAGGAAAAGGAAACAAAGA AGAGAGGGAAGGAGGGGGGAACCGGAACCGGAAAGAGCCAAAAACAGCAA CCAGGAAAGGAAAAGGGGGACGAGGAAACAGGACAAGCCAGGCACCCAGA AGGGGAGGAAAAAAACAAAAAGGGGAAAAAAAGCCAAAGCCCAGGAAAGG GAGGGGGAAGAAGAACCGGGAGGAAAAAAAAGGAAGGAAGGGGGGAAGG AA $\operatorname{l}$ GGGAAGGAAGGAAAAGGGGAAAAGGCCGAGGAAAAAGGGGAGGAAG AAAAAAGGGAAAGGGAAGGAGGGCCTAAAGGAGAACCAAGGAAAACAAGG AACAAGGGGAGAAGAGAGGGGGAGGGGGAGGAGGGGGCCCCCAGGAAAG GGCAGAAACCGGAACCAAGGAAGGGGAAGGAAGGGGAAAAAAGGGGAAAA GGAAAAGGAAAAAAAAGGAACCAAGGAACCGGGGGGAAGGAAGGCCGGAA GGGGGGGGAAGGGGAAGGAAAAGGGGAAGGGGAAAAGGAACCAAGGAAA AAAAGAGAGGAAGAGTTAAAGAGGGGGAAAGACAGCCGGGGGGAGGGGA AGAAGGCCAGGGCCAAGGTTGGGAGGGGAAAACCAAGGAAAAAAAAGGGG ACAAGAAAGGGGCCAGAAACAAGAAAAGGGAAGAAGAAAAGGGGGGGGGG CCAAAGGGAGGGGGAGGGGGGGAAAAAAAGGAGAGCGGGGGGAGGAGAG GAAAAAAGGAAAAGGAAAAGGCCGGAGCCGGAGAATAAAAAGGAAGGAGG GGGGGAAGAGGGAAAAGGGAAGAGGGGAACCGGGAGAGGGAAAGGAGAG AGGAGGAAGAAGCCCAAAGGAAAAGGAAAGAGCAGGGGAGGGGAGAAAGG GAGGAGAAAACCGGATGGACCCAGGGGAAGGGAAGAACGAAAAAAGGAGA AGGCAAAAAGCAAGGGGGGAAACAAGAGGGAAAAGAGGAGAGGGAAGGAA AA G G G GAAAGAGAAAAACGGAAGACCGGAGGAAAAGAGCCGGAAGAGAGG AACCAACCACCCGGAGAGAAGGAAAACCCAGGAAAAGGGAAAGGATAAAA CCTTAAAGAAGGAAAAACACGGGGAAGGCAGGTTAAAAAACCGGAAAGAA AA G GCCGGAAAAACCAACAAACAGGGAGAAGAGGGGAAAAAAGGGGAGGA GAGAGGAAGGGGAAAGGACAAAGGAGAAAGCCAGAAGGGAGGAAAAGGAG AAAAGGCAAGGAACAAGAGGGGCCGGAACCGGAACCAACCGGGGAAGGAG AACCAAAAAAAACCGGGGCAGGGAAGCAAGAAGAGAGGGGGAGAGGGAAG G GA G G GCCAAGGGGAAAGCCTTGGAGAACACGCCGACAGGGAGAAAAAAA AGAGAAAAGAAGAAGGAAACGGGAGGGGATGGAAAGGGGGGGGACAGGA AAAGGGGGGCCCCAAAGAAAAAGAGCCAAGGAGGGGAAACAGGGGCCAGG

GGGTACCAAAAGGGCCCAAAAAAAAAACCAAGGAAAGAACCGAAGGGAAG GAAGGACAAAAGACACCGACACCGAAGGCGACCAAGGAGAAGGAAGGGAG AGGGGGGCGGACAGGGGAACAGACAGGAAGGACCCCAGGAAAAGAAAAGA ACCAAAAAAAAGACCGGCGAGGAAAGGAACAAGAAGGAAAGAAACGAGGG GAAAGAAGGAAGGAGGAGAAGAAAAAGGGAAACCCGACGAAGAGGCCGGG GGGGGAGAGAGAGGAGGCAGGGGGGAGGGAGAGAAGAAAGGGAGGGAAA GGAAGAGGGGGGGGAAGGAACCGACAAGAAAAAGGAGAGAGGGGGGAAG GAAGGAAGGGGAAGGAAAAAGGAGGGGGGGGGGAAGGCAGGTTGGGGCC GGGGAAGAAAGGGGGAGGTTAAGGAAAGAAGGGGAACCAAGGGGGAAAA AGGGGGGGAAAGAAAAAAGAAAGAGGGAAGGAAAAGGAGAAAAGAGGGGC CGGGGACAGAAAGGAAAAAGGGGCCGGGGGGAACCGGGGAGCAGGGAAG CAAACAGAAAGAAAACAAGGGGAGGGGGAAGGGGGGGGGAGGCCGACCG GGGAAGGAAAACAAAGGAGCCCGAGCAGGGGAAAAGACCAGGGAAGGGGC AAGCCGAGGCAGACCGGAACCAAGGAAAACCCACCGGAAAAAGAAGAGCA CAAGGAAAAAACAAAGGGGGGAAGGAACCGAGAGGCCGGAAGGGGGAGGC CAAGGGGAGAAAGGAGGGGAGAGGAGGAAAGGGAAAAGGGAGGAGGAGG GGAAAGAAAGAGCAAGGAAAGGAGGAAGGGGAACGGAGGAGAAAAAAAGG CAAGCCAAGGGGGGACAGAGAGGGGGAGAAAACCGAACAGAAAAGGGGCA AGAGGAAGAAACGGGGGGGGGGGGGGGAGGAAGGAAAAGGGAAGAAAAG GAACCACGGGGGGGGGGAAAAGGGGGGGGGGGGGGAACCGGAACCAAGG CCGGCCAAAAAAAACCGGGGGGAAAAGGCCAAGGGGGGAAAAAAGGAAAA AAAAAAAAAACCGGAAGGCCGGAAAAAAGGAAAAAACCAAGGGGGGAAGG AA G GAAGGGGAAAAAAGGGGAAGGAAGGAAGGGGCCAAGGCCAAGGGGG AGAGACCGAAAAGAGGGGGGGAAAAGAGGAGAAAGAGGGAGGGGGAAGG GGCCGGGGGGAAGGAACAGAGAGAGGGGGGAGGGCAGAAGCCGGGAAAA GCCACAGCCGGAGGGGGAAGGAAAAAAAAAGGGAAGGAAGGGGGGGGGG AGAAAAAACAGGCCAAGGGAGGGGACGAGAAAAAGAAGGGGGGGGGAGG GAGAAAAGGGGGGGGGGAAAAAGGAAACAAGGGAAGGAAAGGAGGAGGA GGAAGGGAGGAAGGGAGACCAGAAAAGGGACCGGAAGGGCCCGGGGGGA CAGACAGGGAGAAAAGGCCGGGAAAGGAACCGGGGAGAAAAAAAAGGCCA GGAGAAGAAAAGAGAAGGAGAAGGGAAAAACGAAAAGGGAAAAAAGAACG AAAAAGAGGGGAAAGAAAGGGAAAAGGGGGGGAAAAAAAACAGGGGAAAA CAGGGGGACATGGAAATGCAAAAAGAGGACGCAAGACAGAAGGAGGAGAG GGAAAGGAAGGGAGGAAGGAGGGGGGAAAAAGGGGGAGAGGGGAGAAGG GGGACAACGAGGAGAAGGGGAGGGGGGGAAAAGGGAAAACACAGGAGAG GGGAGAGGGGACAAAGGAGGGAGAGACCCGGAAAGGGCAGAAAGGGAGG CCGAGGACCCCCCCAAGGAAGGAAAGCCCCAGAAGAGAGAAAGGGGAAGG AA G G GGGGAACCAGGCACAAAGGGAAAAAAGGAAGAGGAGGGGGAGGAG AGGGATTAGACAAGAAGCAGGAACCAAGGGGCCAGAAAGCCCAAGAAAAA GACCCGAAAGGGAGGAGAGGAAACCCCAGATTTGGAAGAGGAGGGAGGCA GAAGGGGAAAACCGGAAAACCAGAAGAAAAAGGAGAAGGGGAAAAACGGA ACCAAAAAAAAGACGGGAAAGAGAGCAGGAGGGAAAAAGGGAAACGAGAG AGAGAGGAAAACGCAGAGAAGAGAAGGGGGGAGAACCGGAAGAGGGGGG GAGACCAAAGAGACAATAGAGGAGAAAAAAGGAGGAAGAGAGAAAAAGTA GGAGGGAGAAGAGAGGGAGGGAAGGAGGGAGGAGAGGGAGAGACGGGGA AAGAGAGTAGAAAAAACGGAGGAGGAAGGAAACCCGGGAGGGAAAGGGGG GGGAGAGAAAAGAGGAACCAAAAGGGGCCGGAGGGCAAAGGAAAAAAAGG AAAGAAGGGAGGGGGAGGGAAGAGGGGAAAAGAGAAGGAGGCGGAAAAG AACCAACCAAAAAAGGAGAAGGGGGGAAAAAGCCAGAGGAGGGGAAGGAG GGGAAAAAAAAGGAGGAAAAAACCAAGGGGGGAGGGCCGGAAGGAGAGGA AGATAACCGGGGACAAAGCCGGGGAAAAAAAAAAGGAAGGGGGGAAAAAG GGGGGGCCGGCCGAAGGAGGGGAACAGAGGCAAAAAGGAGCCAAAAGGG GGGGAGGAAAAGGAAGGGGAGCCGAAAAAAGGAAAGGAAGGAAAGAAGGA AGGAGGGGGAAGAAAAAGGAAGGGGGGAAAAAAGGAAAACCCCAAAACCG GAAGGCCCCGGAAAAAACCAAGGAAGAGAGGGGAGCCAAAAGGGGAGAAG GCCAAGACAGACCGGAACCAACCGGGGGAAAAAACGGGGAAAGCCAGAAG AGGAAGGAAAAGGACAAAGAGGGGGAAGGAGGGAGCAAGGAAGAAGGGG AGAAGGAACAAGGGGAAGGAGAGGATAAAAAGGGACGGGGAGAAAAGGG GAACAGGGGGAAACCGAGGGGGGGAAACCGGGAGAAAAGTTGGGGGAGG GGACGGCACCAAGGCCGGCCAAAAGAAAAAAGGAGAAAGGAGCAGAAAGA GGGGAAGAGAAGGAGGGGCCAGGAAAAGGAAGAGAACAGAAGGGAAAGAT

AGAAGGGGGGAAAAGGCACAGGAAAAAAAGGGCCAAAGGAGGGGAAGGG G G GAAAAAAAAAGGGAAAAGGAAGGGGGGGGAAGGAAAACAAAAACCAAG G G G CA $\operatorname{la} A \operatorname{CACCGGAAGGGGAAAAAGAAGGGGCCAAGGAGAGAGGAAAGAA}$ AA GAAAAGGAAGAAAAGCCGGGAAAGAGAAGCGACAGAGGGAAAGGGGGG AGGAGAACCGAGGAAGGACGACCAGACGGAGGAAAGGGACCGAAGGGGG GGTTAACGAAAGAAGAAAACGAAGAGAGAGAAGAAGAGAAAAAAAGGAAG GAAGAAGAAACCAAAAGGCAGGAAAGGGAGGGCAGGGAAGGAAAAGCAGA CCGGGGGGCCCCAGGGAGGGCCGGGGGAAGGAAAAGGAAGGACAGAACG GACAGGACCAGGGGGCAAAGGGGCAGAAGAAGGAGAGGATTGAAAGAGGC CGAAAGGGCAGAGGGCCAGCCGGAAAAAAAACCAGAAAAAGAGAGGAAAG GGGAGAGAACCGGAAGAGGGGAGAGAAGGAGAAAAGAAAGGAAGGAAAGC ACACAAGAGGGGAAAAAGGGGGAGAGGGGACGGAATTAAAAAACAGGAAG ACCGGCCGGGGCAAAAAGGAGGGAAGAGGGAAAGGACAAGGAAGAGGACG GAGGAAACCGGGGACAAGAAGGAGCCCAAAGCAGGACCCGGAGGGGGGAG GCCAAAGAAGAAGCACAGGGAAGAGGGGGGGGAGGCCGAGGGGACAAGA CCGGGAAAGGGAGAAGCCGGAGAGGCAAGGCCGGGAAAGGAAAAAAGGCC G GAAAACCAAAGGGGGGGGGAAGCCCAAAACCCCAAACGGGAGAAAAGGG G GAA $\ln$ GG GAAGGGGAAGACAGAGGAGGGGAGGCCAAAAAAGGAGAATAG GGGAAGGAAAAGGAAAAGACCGAAAGAGCGGGAAAAAGGAAAAGGGGCCG GAAAAGGGGGGAAGAGGGGGATTAGGAGGAGAGAGCACAGGAGAAAGGA AGAGGAAAGGGGGGGGAGCAAACCAAGGAAAAGGAGCAAAGGGGAGAAG GAACAAAAGGGGAAAGGGGGGGAAGTTAAGGAAGGAAGGGGGGGAGGAA AAAAGGGGACAAAAAAGGAAAGGGGAAAAAGGAAGAAGAGGAGAAGGAAG AAAGAAGAGAAAAACCCCGAGGGGGGAAAAACCCAAAGCCAAAGTTAAAA AAAAAACCAAGAGGGAAAAAAAAGGGAAAGGAGGAGGAGGGGAAAAAAAC AGGGCCCAGAAAAAAGGGAACCAGGAGGAAAGAAAAGGGGAGGGGGAGCA GCGAAAAAAACAGGAGAAAAAAAGAGGGGAGGAAGGGGAGGGAAAAGGCA AGAAGGAACACCGGACAGAGGAGAGGAAAAAAAAGGCAGGCCCAAAGGGA GAAGGAGGGGGGCCAGCAGAACGGGGGGAAAAGGAGCCGGGGAAGGAGA ACGAGAGGGAGACAGGGGGGAGGAGCGCAGGGGAAAAAAGGAAGGGGGA GGAGAGAAACAAGAGAAAAAGGGGGGCCGACGGGGGGGGGGGAGAGGGC AAAGAGGGAAGCCGAGGAAGGAAGGAAGGCCAAAAAGGGGAGACCACAAA AAAGGGGAACCAACCGGAGGGAGGAGAGAGGGAGGAAAAAAAACCAAAAG GAAGGGGGGGGAAGGGGAAAAGGAAGAGGCAGGAGGGGGGGGGCAGGAA TTGAAAAAACGGAGAGAAGGAAAAGGGAAAGAAAAGAAGGAGGGAGAGCC G GCCAAAGACGAAAGGGAGGGGAAGGGGAGCAGAAACAAGGAAAAGAGAC GAGGGGAGAAAAGGGGGGGGACGGGGCCGAAAAAAGGAGGGGAACCGAG GAAGACAGGGGGGAAGAGAGG
$22014000-9$ G A G G G GCCGGGGGGGGAAGGAAAAAAAAGGGGAAAAGGAACC CCCCAAGGAAAAAAGGAAGGAAAACCAAAAGGAACCGGGGAAGGGGGGGG AACCAAAAGGGGCCGGGGCCGGGGAAGGCCAAGGAAGGGGAAAAGGGGA AAAAAGGGGAAAAAAGGAAAAAAGGAAGGAAAACCGGGGCCGGAAGGGGA AAAGGAAAAAAACGGCCGGCCAAAGGAAAGGAGGAGAGGGGGGACAACCG G GA $\operatorname{A}$ GAAAAGGGGGGGGGGGGGGGAAAGGGGGCGAATAGAAGGAAGGAA AAAAAACCAGGAAAGAGGCACCAAAGGGCCGGCAGGAAAAGAGAGAGGGG AAAGGGAAAGAAGGCCGGACGGGGGGAGAGCAGAGGAACCGAGAGAGAAA A GAAAGAGCCGAGCGGGGAAGGGAGGGAACAGCACCCCGGGGAAGGGGT AGGAAAAGGATAAAGAAGGGGAAGGAAACAAGGAAAAAAAATTCCGGGGC CGGGGAAAAAGCAGGAAAGAAGAAAAAGAGGAAAGGGCAAAACAGAAGAG GAAGGAAAGGAGGGGAAAAGGGGACGGGGGGAAAACCGGAAAAAAACGAA CAGACGGAAGGAAGACAAGAAAAGAAGGGAGGGAGGAGAGAGGAACCGGG GAGAGGAGGACAAGAAGAAAAGAAAGGAAAAAAGGGAAAAGAGAGAACCC AA GCAGAGAAGGAAAAAAAAAGGGGAACCCCGGAAGGGGGGAAGGAAGGC CGGAAAAAAAAAAGACCGGAAGGGGCCAAGGGGGGGGCCGGTTGGGGAA G G G GAAAACCGAGAAACAAAGAAGGAAATAAGCCAAAAGGAGGGGCGAGA GGAAAAACCCGAAGAAGGAACCGGGGGAGGAGCCGGAAAAGGCCGGAAAA AA G G GAAAAGGAACGGGGAAAAAAAAAAGGAAGGAAAAGGGGCGAAAAGG GGAAGGAAGGAGAGAAAAGCGAAGGAGAGGAGGGACAAGGGGCACCAAAA AACCAGGACCGACCAAAAAAGGGGGAGGGGAGACGGGGAAGGAAGGAAAA GACCGAAGAAGGATAAGAAGGGAGCAAAACAAAAAAAAACGAGAGGAAGG GAAGGAAACCGGGAAAAGGGCCAGAAAACCAAAGGAGGGGAAAGGGAACC

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G GAACAGAGGGGGGGGAGGAAAACCGGCCAAAGCAGGGGAGAGACAGGC ATGAGGGGCAGGGAGAGAAGGAAGGACAGAGAGAAGAGGAGGAGAGGAA GACAACCCAGAACAAAAGGAGGGCCGGGGGGAACCGGAAAGGGGGGGGG GGCAGGGGAAAGACAGAACAAGAAGAAGACAGACGAAAAGAAAACCGGAA G GAA G G G GAAAAGGAAAAACAGCCGAACAGGGGAGGGGGACCAAGGAAAG GGAAGGAGGGGAGGCCAGAGAAGGACGAGGTAGGGGAGAGCAGGGGAAA GACAGCCGGACAGGGAAGGGGAAAAGGGAGGGGCCGGAAAACCAAGGGAA ACCGAAAAAGGGGCCCCGGGAGGAAGGAAGGGGAAACGGGGGGCAACAG G GAGAGAGAGAAAAGGAAGGGGAACCGGGGAAAAGGAAAAAAGGCCAAAA AAAAGGAAGGAAAAGGGGGGGGCCTTGGGGAAAAGGGGGGGGAACCAAA AGGAACCAAGGGGCCAACCCCCCAAAAAACCGGGGAACCAAGGGGAAAAA AGGGGAGCGAGAGCCAGAGAGGGGACCCCAGAAGAGACCAAAAGGGAGAA AAAGGAAACAAAAGAAGAAAAAAAGGAAAGGAGGAAGGGAGGGGGAACCG GAACCGAAGAGGAAGAGGGGAGGAAGGGGCCCCGGGGAAGGAAAGAGCC GAAGGGAAACAGGGCAGGGGGGAGGGAAGGAAGGGGGGAGGGGAGGGGC CCAGAGAGAGAAAAAAGAACCGGAGAAACAAGGAAAAAAGGGGGGGGGGA AAAAAAAAAGAGGCGGAAGAAAAGGACCAAGGAGGACGGGGGGAAAGGGG GAAGGAAAACCCGAGCAAGACAGGGAGGGGGGGAAAGGGCCAGAAGGAGA AAAGAAGGGAGAGGAGAGGCCGGAAAAAAAAGGCCAAAAGGCAAAACGGG GGGAGCGAGAGAGAGAAAGGGCCAGACGGCACCGGGGAGACCAGGAGGG AAAAAGCAAAGGAGGAGGAGAAAAGACAAGCCGGGGAAGGAAGGAAAGGG G GAA $\operatorname{l}$ GGGAAGGGGAGGGGGGGGGGGGGGGCCAAAGGGGAACATCAGAT TAGGAATAAAAGGAAAAAAGGGGGGGGGGGGGGGGAAGGGGAAAAAAAA G G G G G GACGGGGGGAAAAGGGGGGCGGCCCGGAAGGAAAAGGAAGGGGG ACCAAAGAAGGAGAAACGAGGAAGGCCGGGGAAAAAGAAAAGGCCAAGGG GAAAAGAGAAGGGGGGAAAGGAAAAGAGGAGGAGAAACCGGAAAAGAAGG GAGAAAAGAGGGGAGAAAAGAGGAGGGAAAAGGAAAAAAGGGGGGAGCC GGCCAAGGCCGGAGCCGGGGAAGGAAGGAAGGGAGGGGAGCCAAGGGGA GAGAAGGAAGGAAAAAGGGAAGGCCTTACACGAAAGGGAGGGGAACCAAA GGGATAAGGGGGAAGGGGAGAAAGGGAGAAAAAAAGGCCGGGGAAAACC GGAAAAAAAAGGAAAAAAGGGGCCGGGGCCGGAGGAAAAAGAACAAGAAC ACAAGAAAAAAAGAGGGGAAGGAGGGGGGGGGAGAGAAGGGGGGGGGGA CGGGGGGGAAGAGCGCCAGAAAAGGGGAAGAGAAGGAAAAAGGGGAAAA GAAGGGCCGGAAAAAGAGAAAGAGGGGGAAAAAA的AAAAAGGCGGCAAGG AA $\operatorname{G} A \mathrm{AGGGGAAAAGGAAAAGGGGGGGAAAAAAAGAAGGGAAGGAACAGGG}$ G GAAACCGGGGAACCGGGGTTAAGGAAGGGAAAGGGGGGAAGGAGGGAA G G A G A GAAAGGGACGACCAAAGGAACCACAAGAACCCCAAACGGAAAGAG A G GAA G G G G G A GAAGGCAAA GAAAGGGGGAAGGAAGAAGGGACCGGGGA AA $\operatorname{A}$ GGAGAGAGGGGGAAAGACGGAGGGGAGGGAAAAGAAAGAAATGGGG AAAAAGAGGAAGGGAGAAGGCCAAAACCAAAAGGGACAAACCAAGGGAGG G GA $\ln A \operatorname{GGGGGGGGGCCAAGGAAGGAAAAAGAAGGGGAAGAAAGGAAAGG}$ G G G G G GAGGAAGGCCAAGGCCCCGGGGAGGGAAAAAGGAAAGAGGCACC GAAAAAGGGGAAAAGGGGGGGGGGAGCAAGGAAAAAAAGGCCCAAGGGG AGGGGAGAAGGGGGGGGGGACAGAAGAAGAGAGAGAAGGGGAACCTTGG CCCCGGAACCAAAAAAAAGGGGGATAAGGAAGGAGAAGAGGAAAAGGGGG AGGAAAGGGGCCGGGGAGGGAAAACCGGGGGGGGGGAAGGAAAAAAACA GGAAAAACAAGAGAGCGGGGGAGGGAGGGTTAAAAAAAGAGGAAGGAGAA CCAAAAAAAGGAAAGAAAAAAGGAGAACCCCGGAAGGAAAAGGGGAACCG G G G A ATTGGGGGACCGGAAGGCCCCGAGGGGACGAAAGAAGGAAACCAAA AGAGACCGGAAAGGAGATAAAAAAAAGGCGAACGGAGCCAACCAAAAGGC C GAGGGGACAGGGAGGAAAAGCAAAAGAAAGAAGGCCGAAAGAGGAACCC CCCAGCCCCACGGAAAGAACAAAGGTTGAGGGGCCGGCAGAGGAAAAGAA AA GAGGACAGAAAGAAGGAAGAGATAGAAGAAGCCAAGGAGAAGAGGAAG A G G G A G G AA GAAAAGGAGGAAAACCAGGGAAAAAGGGAAAACCAAAAGAA G G GAGAAAAACCCAGAAAAGGAAGAAAGAGGAGGAAGAAGAAAAAAAAGG GAAAAAAGGAAAAAAAAGAAAAAAAAAGGAAGAAAGAGGGGGGGGGGAAA AGGAAGGGGGGGGAAGGAAGGAAGGAAAACCGGAAAAGGAAAAAAAAGGA ACCGGGGGGGGAATTGGAAGGAAAAGGGGGGGGGGAAGGAAAAAAAAAA AAAAGGCCCCGGAAGGGGCCGGAAGGAAGGAAAAGGGGCCAAAAAAGGCC AA G G A A G GAACCAAGGAAAAGGAAGGCCGGGGAAAAAACCGGGGGGGGAA AA $\operatorname{l}$ GGGAAAAGGCCAAGGCCAAGGGGAAGGAACCTTGGGGCCAAGGGGG

GAAGGGGGGAAGGAAAAGGGGCCGGAAGGAAGGGGAAGGTTAAGGAAAA GGGGAAAAGGGGAAAAAAAAAAAAAAGGAAGGGGAAAAAAGGAAGGGGGG AA G GAAGGAAGGGGAAGGGGGGAAGGGGCAGGAAGGAAGGGGCCAAAAG GAAGGGGGGGGGGGGAAAAGGGGTTAAGGCCAAAAAAAAAAGGAAAAGG G GCCAAGGAAAAAAGGGGCCGGGGCCTTCCAAGGAAGGAAAAAAGGCCAA AAAAAAGGAAGGAAAAGGAAAAAAAAGGGGCCAAAACCGGAACCGGAAAA CCAA G GAAAAGGGGAAGGGGAAAAGGAAGGGGCCAAGGAAGGGGGGAAA AGGAAGGGGCCAAGGGGGGAAAAAAAAAA解的GCCAAAAGGGGGGGGAA
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AAGGGGGGAAAATTGGAAGGAAGGAGGAAGAGGGAAGGGGGGACAAAAG GAGCAAGAGGGAGGAGGGGGGAGAGAGGAAAAGACGGGGGACAAGCAAG GGGGGAAGGAGGAAGGAAGGGGAGGACCAGCAGGGAAAGGAGGAGGAGG GGGGGGGTTAAGGAAAACCAAAAAAGGGGAAAGGGGAGGGAAGCAAAAAG GAAAAAGAAAGAAAGAAACATAATTGGCAAGAAAAAAAGAAGAAAAAGGA GGGGGAGAGAAAAAAGGGGGGGGAGAACCAAGAAGCAGGGGCCAGAACC GGGGTTCAGGGGCAAACCCAAACCGGGGGGAAAAAAGGCAAGGAGACAAG AAAGCAAGAAAAGGCCACAACCGAAAGGAAGGGAAGAGGAGACAAGAAGG AAAGCACAGGGGAATTGACCGAACGGGACCAGGAAAAGGGGGCAGGAGCA AGGAAGCCAGAGGGGAAAACAGGCAGGGAGAGAAGGGAAAAGAGGGGGA AAGAAAAATGGAGGGAAGGAAAGAGAGAGAAGAGGAAAAAGAAAAAGGGG CCCAAACAAGAGGGGAAAGGGAGAAGGAAAAAAAATAGGAACCGGGAGAG CCCGACCAGGGAAAAAAAAAAGGAAAACCGGGGAAAAAAAACCGGCCGGA AAACCGGGGGGAAAAGGAAAAAAGGGGAAAAGGGGAAGGAAAAGGAAGGG GGGGGCCAAGGAAAAAAGGAAGGCCGGAAGGAAGGGAAGGCAGAAGAAAG GTTAAAAAGAGACAGGGAGCAGGAGAAAAAAAAGGCCAGGGAAGGGGAAA GCGGGAAAACCCCAAGGGGGAAGAGGGGGAAGGGGGGGGACGAAAAAGA AA G G G GAAGAAGAAAAGAAAGGCAGGGAAGACGGGGGGAAGGAGGGGAC CGCAAAGGGAAGAGGAACAAGAAAAGGAGGGAGCAGGAGAAAGGAGAAAG AGAGGGGGGGGGGAAGGAAACAAGGCAGGGGACGACAAGCCGGGGAAAA AAGACCAAGGGGAAAAAAAAGGGGTTAGAAAACAAACCACAATACCAAGA GGAGGAGACAGGGGAACCGAAGGGAAGGAAAATTCCCCAAGGGGGGAGAA AGAGGGAACAGACAAAACGACCGGGGGACCAAGGGAAGAAGGGGGGAGGA CCACAAAAAAGGAAAAATAGGGGGGGGGAAAAGGGAGGAAAAAACAGAAA CCGAGGAAGGGGGGGGGACAGGGGGGAAAAAGAAGAAACCAAGGACAACA AAGGGGCCGGGGCCAAGGACAAGGAACCAAGGGGAAGGCAAAAAAAAAAA AGAAAAGGGAGGAGCCAAAAACCGAGGGAGAAGGGGACGGAGGGAGAAAA TTAGGAGAAGGAAAGGGAAGAGAGAAGAGGGACCAAAAGGGAAAGGCCGA GGGGGAAAGGGGGGGAAAAAAGAGACATGAGAAAAAAGGAGAGGAAGAAA AAAAGGAACCCCGGGAACCAAGAAGAAGAGGGAGGGAAAGAGGGGGGAAA GAAGGGGGAACCAGAAGGGGGAGGGGGGGGAACCGAAAGGGGCAGGGGC CAAGAACAACCCCGAAAGAAGGAGGGGTAACGGTTACGGAAAAGGGGGGA AGAAGGGAAGAAAAAAAGAAACCGGAGGGGGGAGGAGAAAGGGAGCAAGG AAGGAAAAGAACCGGGAGAGGAAGAAGAAAAGGAAAGAAAGGAAAGGAAA GGGGACAAAGGGGAAAGAGGAACGAAGGGGGAGGGCAGAAAAAGGCAGG GGGGAACCAAGGAAAAAGAACCAAAAAAGGAATTAAAAGGAAGGGGAAAA AAGGCCGGGGAGAAAGGAAAGAGGAGAGGGGGAGAGAAAACCGAGGGGA GGAGGAGACGGAAATAGGAGGGGAAGAAAGGGGGAGGAGAGAGCCAAAA ACGGAGAGCCGAGGGACAGGAGAACAGGGAAGCCCCGAAGAGGGAAAAAC GAGAGGGAAAGGGGAGAAGGGGGGAAGGGGGGCCGGAAGGCCAAGGAAA AGGGGAAGGGGCCAGAAAACCCCGGAAGGAAGGGGAGGGGGGGGGGGAA AAAAGGAAGGGGGGGAGGGAAGCCAGAAGGCAGAGAGGGGAAGGGAGAG GAAAGGAAAGGAAAGAGAAAAGGACGGAAAACCAGAAAGCAAGAGAGAGA GCCGGGGGGCCAGAAGGAAAAAAGAGGAGAAGAGGGGGAAAGGAAGAAA GACCACAAGGAGAGTTGGGAGGAGCAAGAAGGGGGGGGGGGGCCGGAGG GCAGGGGGGGGAAAGCCGGAAAACCAAGAAGAGGGGAGAAAGGGAGGCA AGCCGGAAAAAAGGAAGGAAAAAGAAAAAGGGAACCGGGACAGGGAAGGA AAGGCCAAGGAAACGGAAAGAGAAGGAGAAAAGAGGAAGGAAGGCCGGGG GGCCGGGGGAAAAGACGGAGGGGGACGGAATTAAAAGGGGGGCCGGAAG GAAGGGGAGAGGAAAACCCGGGGGGGGGGGGGGGGGGGAAGCCAAGGGG ACCCGGGAGGCCGGAAAGAGCCGGAGAAGAGGAGGAGAGCACAGGGAAAA AAAACCAGAAGAGGGGAAACAGAAGGAGGGGGGGAAAACGGGAAAAGAGG GAAGAGGGAAGGCCGAGAGGACCCGGAAGGGAAGCCCCGGAGGGAAAAGA GGAGAAGGAAAGAGAGAAGGGGCAAGCCGGAGAAGGGAACGACCGGACGA AGGGGGACGGGGGGAGGAACGGAGAGCCGGGGAGGGAAACGGGGCCGGG GGAGGGGGAAAGGAGCCGGAAGGAACCGGGGGGGGAGGGAGGGGGGAGG GGAAAAAAAAAAAAAAAAGAGGGGAAGGACAGAGGGGGGGGAGGCCAGAA AAACGAGAGAAAACAAAAGGGGAGAGAGGGCCAAGAAGGGGACCAAGAAG AGGGGAGAAAGGAGAGGGGGAAGGAGAGAGTTAGAAACAAGGGGAACCAA AAGGAGAAAAAAAGGGAAAGGGGGAAAACAAAGAGGAGGGCAGGAGTAAA G G G GA GAA G G G CAA G GAGGGGGCCGGAAGGAGGGCAGGAAACCCGGGGG

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 G G GAGGAAGGGAAGAAGGAAAACCAAACGGAACCAAGGGGGGGGGGCCAA

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GAAGAAAGGGGGGCCGAAAAAGGGGGAAGAAGACGAGGGAAAAAAGGGG GGAGCCAAGACCGAAAAAGGAAAAAAAAAAGGAAAAAAAAAAAAGGGGGG CCGGAGGGGGGGAATAGAAGAGAGGAGCGGGGGAGGGGAAGAAAGGAAA GAACCGGAAAGCCAGAAAAGAAGAATAAAAGAAAACCAAAGAGAAACAGA GAGGAAAAGAGGGGAAAAAAACACAAGAACAAGAAGAGGGGGGCCGGAAC CAGAATAAGCCGGGGAGACAAGGGGAAGCGGCCAAAAAGGAGGGGAGGGA AGAGGAAGGACAAGGAGACGACAACAAGAAACCCAAGAGGAAGCAAGGAA GCCCCGAGGGGAGGGGGAAGGGGAAGGAACCAGCAGGATGAGGCCGGGG AACCAAGAAAGGAAAAGGAAGGGGAAGAGGCAAGAACCAGAACCCGAACC AGGAACGGAATTGGATCCGGGAAGAAACAAAAAGCACAGGCCGGAAAGGA AAGGACAAGAGAAGAACCAAAAGGAAGGAGAGAGAAAGAAAAGGGGGGGA AGAGGGGAACGGGGGGCCAAGGAAAAGGCCACCCGGAAAGAAGGGAGCAA AAGGAACCGGGGGAAAGGGAAGAGGAAGGAAACCCAAAGGGGAAGGAAGG GAAGAGGGAAAAAAAGAGGGCCCCAAAGGGAACCGAAACCGGAAGGAAAG GGCCAGGGGGAAGGAACCCCGGGGGGCCGGAAAACCAGGAAAAGAAAGGG GGGAGGAAGGAAGGAAGAGGAAGAACGGGGAGACAGCCAAAAACAGGAAA GGCAGGGGAAACAGAAAGACAAGGGGAAAAAAGGAAAAAAAAAAGGAAAA GAAGCCAAGGAAGGGGAGGAATAGGGCAGGAGAAGAGGGGGGCCGGCCA AAAGAGGGAAAAAAAAAATGGCCGGCCGGAAAAGAAAAGAGAAGGGGCCA GAAAAAGGAGGCCAAAACCAGTAGGAAAAGGGGGGGGGGAGAGAGGGAAA AAGAAGGAGGAGGAAGAGGAAAAAGAGGGGAAAAAGGGAGCAACCGAGGA
 AAGAAAGGGGGAGCGGGGAGAAAAAACCCCGGACGGGGAAGAAGGGGGG GAACCGGAGAAGGGAAAGGGGAGGGAAGGAGAGGGAGAGGGAGGGAACC GGAAGGGGCCACAGGGGAAAACGGCCGAGAGGACGGAAGGAAGGGGGGA AGAAGGAGAGGGGAGGGAACCGGGGAAGAAGGGAGCAGGGGGGAGAAAA GAGGGAAAAAAAAAAAGGGGAGAAGAAAGGGGAGGGAGCCGAGAGGGGA AGAGACAGGGGGAACGGGGGGACAAAGAGGGGGGAGAACGGAAGGGGAG GGCCAAAACCGGAAAAAAAAGGGGGGAAGGAAAAGGGGGGAAAAGGAAGG GGAAAAAAGGCCTTGGAAGAAGAAGAGGAAAAGGAAGGGGGGAGGGGAAC AAGGGGCAAGACGCAACCAACGCCAGAGAGAAAGGAGGAAACAAGACAAA GGGAAAGGAGCAACAGGAGGGGAGGGAAAGAAGGAAAGGAAAACAGGACC AGAAGGAAAACCCCGGAGAGCAGGAGAGGAGGGGCCAAAAAAGAAAAAGG AAGGAAGGAAAGAGAAGGGGAAGAGAGAAAGAGAAGAAGGAAAGAAGGAC AGAGAAAACCAAGGGGAACCAAGGGGGGCCAAAACCAAGGGGAGAAGGAA GGGGAAGAGAAAGAGGGGAGAAGGGGGGAAGGAAGGGGGGAAAAAAAAG GAAGAGAAAAGAGGAGGCAAAGGAACCCCACGAAGGGCCGGAGCACAAGA AAAAAAAAAGGCCGGAGGAGGGACACGAAAGCAAGACAGAGAAGGAAGAG GAAAAAACCAGAGCAAGGAAGCAGGCCAGAGAGGGAGGGGGGAAAACGAA AGGAAAAAAGGAGGAGACCAGAGAAAGCCAACAGAAGAAACGGAACAGGG GTTGCAAAAAAGAGGGGGGCCAAGAGGGGAAGGGGAAGACGCCCCGGAAG GGGGGCCAAGGGGGGGGGGCCAAGGCCAACCGGGGGGAATTAAAAAAGG GGGGCCAAGGAAGGGGAAGGGGGGAAGGGGAGAGGGGACAGGAACCACG CGGAAGGCCGGGGAAAGAGAGGGAAAAAAGGAGAGTAGAGGAACCAAAAA AAAAAGGGGAAAAAACCAAAAAATTGGCCAACAAAAAGGAAAAAAGGGGG GAAACGAGAGGGGCCGGAGGGAGGAGGAAGGGAGAGAGGAAGGGGCCAA AAAAGGAGGGAAGGCCAAAGAAGAGAGGAGAGGGAACCGGGGGGAAAACC AACCAAAAAAGAAGCCGAGGAGAGCCGGAAGAAGGGAAAAGGAACCGGGG GGAAAAGGGGAAGGGGAACCAAGGAAAAAAAAAATTCCGGGGGGAAAGGA AGAAGGAAAGAACCGAAAGGCCAAGGGGAAAGAAGGCCGAAACAGAGGGG AACCAAGAGGGACCGAAGAAAGGAGGAAGGAGGGAAAAGAAACCAAGAAG AGAAAGAAGAAAGAGGAGGGCCGGGGAAGGCACAGGAAAAAACCGGGGGG GGGGCCAAAAGGGGAAAAAACCGGGGGGAAGGAACCAAAAAAAAGGAAGG CCAAGGAAGGAAAAAAAAAAGGGCAGCCGGAACCCCAACAAGGGGGAAAA GGGGAAGGTTGGAAGGGAGGGGAGAGAAAAAAGGAAAGACCCAGGGGGA GAGGGAAAAAACCAAAAGGGAGGAAGGAAGAGGGGGGGAAGGGAGAAGG AAAAAAAAGGGGGGCCGGGGGGAAGGGGAAAAGGAAGGAAGGGGGGGGG GCCAAGGAAAACACAGAAAAAGAGGAAAGAGAGGGGGACAAAACCGGAAA AAAAAAGAAAAGGAAAGGAGAACACGAAGGAAAGAGGAGGAGGAAAAGAG GGGGGGGGAACACACGAGGACAGAAGGAAGGAAAACCCAAGAAAGAAAGA AGAGACAGGAGGGGGGGAAGGAACCAAAAGGAAAAAAACGGAAAAAAGGA

CAGCACCAAGGAACCGGGAGGGGAAAAAAAGAGACCCAAAAGGGGGATAC CAAACAGACGGAAAGGGAAAAGGCCGAAAAAGGACAACGGAACCCGGGGA CGAGGAGGGAGAGCCGGGGGGAAAAGGAAGAAAGGAAGGGGAAGGAGAC AA $\operatorname{A}$ GGGGGGGGGGGAAAAAACCGGTTAAGGGGAAAAAAGGGGCCGGGGA CAGGGAGCAAGCAAGACCAAGGGAAGGCCAGGAGGAAGGGGAAGACACAA GCAGAGGAAGAAGACAGCCAGGAGAGGGGGGGGAGGGGAAGGAGGGGGG AGCCCCAGAGAAGAAGGGCCAAAGAAACCCGAGGAAGGAAAGGGGGAACC G G AAAA G GAAGGGGAGGGAAGGAGAACCGGACGGGGAGGGCCGGGGAAA G G G G G A G CCGGGGAAGGGGCCAAGGGGAAGGAAAAAAAAAAAAAAAAGAG GGGGAGGAGAGGGGGAAGAGAAAAAAGAAGGCCCCCCGGGGCCGAAGGG GAAGAGGAAGGGGAGGGGGGACGACAACAAAGAAAGAGCAAGGAGGAGG GGGAAGGAAGGGGAAAGACGAGAGAGATAGGGGAAAAAAGGGGAGAGAA GAAGGGGGAAGGGAGGAAAGAAGAAGGGGGGAGGAGGGCAAAGAAAGGA AGGAAGAGGGGGGGGGGCCGGAGGGGGAAGGGGAGGGAAAAGGGGAAGA AA $\operatorname{A} G \mathrm{G}$ GGAAGAGGAGGAAAAGGGGCAAAAGGAGGGGGAGGGACCGGAGG AGGAAAGAGAAAGAAGGAAAGAGCCCCCGAGAGAGAGCCAACCGGGAAGG AAAATGGAAGGGGGGAAAAGGGAGACCGGGGCCAAGAGGAAAACCAAAAG G G G GAC GAAAAGGAACCGGAGGGCCGGGACAGGGACCGGAAAGAGCAAAA A GCAAGGCCGAAGGGGGAGAAAAGACCGGAGGGAAGGGGGGAAGAAGAG GAGGACAACAGGAGCCGGGGGAATGAAACCAAGGGGGGAGAAGGCCGAG GAACCAAGGGGAGAAGGAAAAGGAGGAGGACAAGACCAAGGAGAGAAAAA ACAAGGAAAAAGAGGCCCCCCGAACAAAGAAGGAAGAGGAGGGGGCCACC CGAAAGAGGGAAGGAGCAGAAAGAAAAAGAGGGCCGAGGGAAGAAAAAAC C G G G G G G G A G G G G G G G G G GCCAGAAGGGGAAAAAACCGGAGGGCCAGGG AAAAGGGGGGAGGGGGAAGGGGAGAGACAGAAGGACAGGGGCAAAAACG AGGAAAAAAACGGGGGGAACCGACAAGAAGGAGGGGAGGAAGGAAGGCCG AAAAGAGGGAAAAAAGGGCAAGGGAGGGAAAGGGGGGGAGGAAGGACTA AGAGCCAAGGGGAGCAGGAAAACAAGCACAGAAAAACCAGACAAAGGAGA GAGAGGGGGGAAGGGGTAAGGAGAGGGGGAGGAGGAAAGGAAGGAGACA AAAGGAGGGGGAGAAAACCAAGGCCGGAAGGAAGGACAAGGAAGACAAAA AAAAAAAAGGAAAGGCAGGAAGGAGGAGAGGGGAGAAGGGGCCGGAGAG GAGAAAAAAAGGGGGAGAAGCAAAAGAGAAAGGGAAGAGGCAAGAGGGGA GAGGGGGGGGGGAGGAGAGGGGAAAGGGAAGGGGGGGGGGGGACACACG AA $\operatorname{GAA}$ A G G G G A A CAAA GAGAGAAGAAAAGAAAGAAAGGGGAAAGGGAAAG GAAGGAAGGAAGGGGGGAAAAAAGGAAAACCGGAACCAAAAAAGGGGAAA AAAAAAAGGGGCCGGGGGGGGAAGGAAAAGGGGGGGGAACCAAAACCCCA AAAGGAAAAGGAAGGGGGGAAGGGGGGAAAACCGGGGGGAAGGAAAAAA G GAAAAAAAAGGGGGGCCGGGGCCGGAAAAAAGGAAGGGGAAGGGGAAA AAACCAAAAAAAAGGGGGGAAGGCCAAAAGGAAGGAAAAGGAAGGGGGGA AGGAAAAGGAAGGAAGGGGAAGGGGAAAAGGAAAAGGGGAAGGAAGGGG AA G GAAAAGGAAGGGGCCAAGGGGGGAAAAGGAAGGGGGGAACCAAAAAA CCGGAACCGGCCGGCCGGGGAACCGGGGGGAAGGAAGGCCAAGGGGAAA ACCAAGGAACCGGAAAAAAGGAAGGAAAAGGAAGGGGGGCCGGGGGGGG GGAACCAAAAGGGGCCCCGGAGGGGAACAGAGAAAGGAAAAAGGCCGAAA CAGGAAGGGGGGAAAGGAAGAGAAGGAGAGGAAGAGAAGGAAGGCCCCG GGGGGAACCAAAGGAAGGAGGAAAAGGCAAAAAGGGGGGGAGGAAACAAA AGGAAGAGGAAAAAACGGAAGAAAAAAAGAGAAGGAAGAGCACCACAGGA GAAGACCGAAGAGAGGACAGAGACAGAGACAAGGGGGGGAAGGGGAGAA GGGAAGAACCGGAAGGAAGGAAGGAAAAGGGAGGGGAGGGGGAGGGAAA AAAAAGGAAGGAAGAAGAGAAGGGAGGCCAGAAAAGGCCGGAGAAAAGGG GAAAACCGGGGAAAAAAAAGAGAGGGAGGAAAATAGGGGAGGGGGAAGG GGGGGGAAAAAAAAGGAAAACCGAAGAGGGAAAGGAACAACCAAGGGGGG G GAACAGGGGCCGGGGAAAAGGGGAAAAGGGGAACCAAGGAAACCGAGAG AGAAAACAAAAAAGAAAACCGGAACCACAGAAACAAGGGGAGGGGAGGTT A G G G A A G G G G G G A A G G A A A A G G G G A A A GAGGGAACGGGGGGAAGCCGGA AGGGAGAGAAGAGAGGGAGAAAAGGGGAGGAGGAAGAAGAGAAAGAAGG GAAAAAGGGGGACCCCCCGAACAGGGGAAAAGGGCCCAATGGGGGAGGAA A G A A G A G A A G G GAA GACCGGGGAAAGAAAGAGGGGGAGAGGGACAACAG GCCAAGGGAAAGGAAGAAAGGAACCGAGGAAAAGGCAAAAGGAAAAAAAG GGAGACAAAGCACACCCAAACAAGAAAGGGGAAAAGGAAGGAGGGGGAGA CGGAAGAGGTAACGGGAAGCCAAGGGGGACCCCGGGGGGAAAAGGGGAA

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 AGGGAGAGAAGAAGGAAGGACACAAGAAAAGAAGGCACCGGAGACAGAAA A GAGAGAAAAAACAACCGGCCAAGAAGAAGAGGGAAGAGAGCCGGCCGGA AA GAA GAAAAAGGAAGAAAGAAAGGGGTTGGGGAAGGCCGGAGGAGGCCA AAAAAAAAGGGGAGAGGCCGAAAGGAGAGAAACGGACGGGGAAAGAAGGA AAAAAGAAAAAAAGGCCAGAGAGACGAGGCAAGCCAAGGGGCCGGGGAAG GAGGAGAAAGGAAGGGGACAAAAAAAACCGGGGAACCGGGGAAGGAAAAG CGGGGAACGGACCCCAAGAAAAAAGGGCCGGAAGGAAGGGGCCGGGCAGA GAGAAAAAAGGAGAGGGAGAGGAAGAAGAAGAGAGAGACCCGGGACAGGG GACAAGGGAAAAAGGACAGATGACCAGAAAAACACAACCGGAAGGAACCG

GAGGGGGGAGAAGGGCCGGAGAAAAAGGGAAGGAGACGGAAGGGGGGAA AA $\lg$ GAAACCAAGGCCGGGAGGCAAAGGGGGAGACCGAAGAGCAGAGGGA AA $\operatorname{la} A \operatorname{A}$ GAAAGGAAAGGGGGGGGGGGGGGAGAAGGGGGAAAGGAAGGGGA AGGAGAAGAAGGAGGGGAAGAAGGAGACAGGAAAGAAGGCCGCGAAGGAA GCCAAAAAAAAGGCCGGAAGAAAGAAAGGCCAAAGCCAGGAGAGAGGCCA AGGCAACGGAGAGCAGGGAGGGGGGGAAGCCAAAAAGGGAGAGAAAGAG AGGAAGGAGGAAAAAAGAAAAAAAAGAGAGAACAGAAAGAACGAGAGGAG AATAGAAGGAAGTAAAAAAGAGGGAACCAAAAGGCCGGAAAAGAAACACC GGAGAGACCCACGGAAGAAGGGAGAGAAAAGGAGGGGGGAAAAGGAGGG AGGAAGGAAAAAAAGGAAGGGAAGGAACCGAGCAAGAAAGACCGGAAAAG AGGAGGGCCGGAAGGAAAAAAGGGAGGGGGGAGAGCCAGCAAAGGGGCC AACCAAGACCAAGAGGGGAGAGGGAGGGAAACCCCACAGAAGACGGAGAG AAAAAACAAAGGGACGCAGAGGGGAACCGGGGAGAAGGAACCGGCCGACC CCGGGGGGGGGGAGGGAGGGGGGGGGGGAAGGGGGGGGAAACGGGGGA AAAACAAAGAGAGAGAAGGAGAAAAAAAAAAAAAACAGAAAAGGGGCCGG AGGGAAGGAGACAAACAGAAGGGAGAGACAAAAACAAAGGAAGGAAACAA A G GAGGGGAAGGGAAGAGACAAGGGGGGAGGGGGGGGGGGGGAAGGAAG AGAAAACGGGCAGAAGGAAGAAGGCGGTTGAGAGAGGCAGAGGAAAGGGC CGAGGAAAAAGAGCAGGAAAGGGGGGGGGAAAGCCGAAACCGGCCAAGGA CAAGGAAGGAAAAAGAAACAAGGGAAGAAAAGGAAAGAACCCCGGAGCCA AGGGGGGAGACGGAAAGGAGGAAAAAGACGGAAGGCCGAAAAGAGAGCCA GGGAAAAAAAAAAAAAAGAAAAGCAACAGGGAGAGCCCCAGGAGATAAGG AGAGAGGGGAAGGGGAAGGAGAAGAGGGAGGAAGGGGCCAAAAAAGAGG GGCCAACCGGCACGAAGGGAGGGGGGAAGGGGGGAGAGGAGAAGCAGGG GAGGAAAAAAAGGAGAGAACCGAATGAGACCACAAAGGGGAGGACGGAAA GAAAACGAACCAGAAAGCCGGGGCAAACAAAACAAGAAAGAGGGGCCGGG AGGCCCCCACCAGAAAAGAGGAACCAGGAAAGGGAAAAAGGAAGGAACCG GGGAGGAAAAAAAAAAGAGGGCAAAGACCCCAGGAGAAGAAGGAAAACCA AAATTGAAACCGGAGAAAAAAAAGGGAGGCCGGGGAAAACAAAAGGGGGC AAGAGGAACAGTACCAAGAAGAAGAGAGGGGAGGGGGGGGAAAGAGGCCA GAGACCCAGGAGGCAGAAAAGGGCAATAGGGCAGAGGGGGGGGGAAAGG AGGGGAAACCAGAAGGGGAGACAGGGAAAGAAGGGAGGGGAAAGGGGGG ACCAAGGGGAAGGGGCAGGGAAAAACCGGAAGGGGGGGAGGATAGAGGG AGAAAACAAGGAAGAAGGAGAGAAGGAGAGGGACCCCCGGAAGAAAGAAA AACCAAAACCAGGAGGGGGGAAGGACGGGGGGAACCGGGACCCCCCAGAA AAAAACGGAAGAAAAGAAGGGGAGGGGAAGCCCCGGCCAACCAGGAGGAA GGAAGGAAAGCAGAGACCGGCCGGAAGGGAAAAGAGCCGGGAAAAAAAAG AAAAGGAGGAAGCCGAAAGGAAGGGGGGAGAGAAAAGAAGGAGGGGCCG GGGGGAAAAGAAAAATTAAGGAGGGACGGAAGAAGCCAAACAGAAGGGGA AGGGGAGAACCAAGGAAAGGGAAGGAAGGAAAATTAAAAGGAAAAAAGGG GGGAAGGAAGGGGGGAAAAAAGGAAAAGGCCAAAAGAAGGGGGGGGGGA GGAAGGCCAAAAAACGGGGGAAAAGAAGAGCAGGGGAAAGAAGGCCGGAA GGGACCGAAGGGAACAGGGGACAGGAAGCCGGAGAGAAAAAAGGGAAAAA GGGGAGAAAACCAGAAGAAGAACCAGCGAAGGGGAACCAAGGAAAAAGAG CAGGAAGAGGAGGGGGAGGAGAGGGGGGAACAGGGAAGGAAGAAAAGAG GGGGGAGAGGGGAGGAAAAAAGGAAGGGGAAAGACAAAAAAGGAACCCCG AAGCCGGAAGAGGGGGGGAAAAAGGTTGGAAGGAAGGAGACAAAAGGCCG GAAGAGGAAGGGGGGGGAAGGAAAAGAACACGGAAGGGGCAAACCCCAAA GAAGGGAGGGGGGAAAAAGGAGAAACCAAAAGAGACCCCGGGGGGCCGGC CGGAAAAGGAAGGGAGGAAAAGGGGGGGGGGCCGAGGGAAAAAGGAGGG AAAGAAACGAAAAAGGAGAGACAGAACCGGAGAAAGGGAGACGGGGGGGA AGACGGGGGGGGAAAAAAAAGGGGGGCACAAAAGGGGATTAGAAAAAGAA GGGGCCAAAAAAAAAAGGGGAAGGGGAAGAAGGGGGAGAGAAGGCAAGG AGACAAGGGACGGCCAAAGGGAAGGCCAAGAAAGGAAGGAAAACCACAAC CGAGGAACCAAGGGGGAAAAAACGGGGAGAAAAAAAAGAGGAGCAAGGAG GGAAACCGGGGAACCAAAGAACCGGAAAAAACCGAAGACGAGGAAGGACG AGCCAAGAAGGAAGAGAAAGAAGAAGAAAAGGAGAGACCGGAGAGGAGGG AAAGGGGACAAGGAAAAAAAAAAAAAAAAAGGAACGGGAAAGGCCAGAAA CAAAGGGGAAGAAGGAGGAGGGAGGGGGGAAGAAGGAAAAAGGACGGGA AAGAGGGAAGACAAGAGAAGGAGAAAGGAAAAGAAGAGAGAAGGAAAAAA GGGAAAGGAACGAGAAAAGGGAGAAAAAGGGGAAGACGCCGGGGAGGGA

AGGGGAAAGGGCCGAGAAGGAAACCAACCGGCCAAAGAAAGGGGGAGAGC AAAAAAGGGCAAAAAGGAACAAAAGAAGGGGAGAAAAGGGGGAGAAGAAA AAAAAACAAGGACGGCCAAAAAAAAAAGGGGAGAGACGAAGCAGGAGGGG GAA G G G G A A G G G G G G G G AA G GAACCCCAGGGAAGAAGAGAAGGGGGGCC AAAGGGGGAAAGAGAGCACCGGGGAGGGAGAAGGCCGGAAGAGAAAAAGA A G G G GACCGGGGAAGGGGAACAGGGGAAAGAGAGAAGGAAAACCAACACA A G G G G G G G TA $\operatorname{A} A \operatorname{AGGGAAAAGGGGGAGAAAGGAAGGGGAGGAGGGAAGG~}$ AA G GAGAACGACCGGGGAAAACCGGAAAAGGAAAAGGGGAAAAGGAAGGA AAACCAAAGGGGAGAAGGGGAGAGGGGAACCAAGGGGGGGGGGGAGGAG AAGGAGGGAAAAAGCCAAGAGGGGGGACAAGGAAAAAAGGAAAAAAACAC ACAGGGAGGGGGGGAAGGAAGGGGGGCCGGGGAGGGAAAAGGGGGGGGG GGGGAGAGAAGAGAACAAGAGGGAAAAAAGGGGAGGGGGGGAGAGAGCA GACCCCAAGGAGGGGGCCGAACGGGGGGGACCCCCAAAGAGGAACAGGAC AA $\operatorname{A} G \mathrm{G}$ GGGGAAAGGGGGGCCGAGGGGGGAACCGGAAAACCAAGGCCGAA ACAAGGGATAGAGGAGGCCGGAGACCCGGGAGAAGACAAGAGAGACCAGG GGGGGACAAGAGGAAAAAAGGAAAAGAAAACGGAAAAAGGAGGGGAAGAA GACGAAAGGGGGGGGAGAGAAACGGGACCGAAGAGGGGGAAAGCCAAGG GAGGAGAAGGGGGACCGAGGGGGGGGAAGGGGGACCCCAGGGAACCGGG G G G G G A A G ACCGGCCAAAAAAAAGAGACAACGGCCCCGGGGGAGGGGGGC CAGACAAAACGAGCCGAACAAGGAGGAAACCGGGGACGGAAGACCGGAAG ACCGGCAAAGGGGGAAAAGGGAAGGGGCAAGAAAGGGAAAGGGGAGGAA G GAA G GAAAAAGGGGATTGGGGGGAAGGAAAGGAGGCAAAGGGGGGAAA AAGACAAAGCCGGGGAACCAACCGGGGAGAAAAAAAAGGGGAAAAGGGGG GGGAAAAAGAGGAGGAAAAGAGGCCAAAACAAAAGGGACAGAGAAAGAGA TAGCCGGGACCGGAGGGAGAGAGAAGAAGGGGGAAGGGGAAGGAACCGG GAGGAAAGCCAAGGAGGGGGAAAGAACCAAAAAGCCCAGGGGACAGAAAA AGCCGAGGAAGGCCAAAAACGAGGAAAAGGGGGAAGGGAAGAGGGGCCAT AGAAGGAAAAAAGGAAAAGGCCAAGGAAAACCAACAGGGGACGGAGAAAA AAGAGGGGCAGAAAAGGAAGGGAGAAAGGGGAAAAGGGAAGGAAACAGG GAACCGAAGAAGGAAAAAGAAAAAGAACCCCCCGGAACCAAAAGGAAAAG GAGAGGGGGAAAAGACCGGAAAGAAAAAGACAGAACCGGGAAGAAAGCGG GGAGAAAAGGGGGGGGGAAGGGGCCGGAAGGGGAAAAAAGAGAAAAAAA AAAAGGGGAAGAACGAGGAAGGGGGAGGGGAGGGACAAAGCCCAGGAAA GG GAAAAAGAGAAAAGGGGGAAGGAAACCGGAAAAAAAGAAAAAAAAGGC C G GAAAAGGGGAAGGAAGGAGAAAAAGAGGGGGAAAAAAGGGAAGGGAA G GAAAA G GAAGGGGGGGGGGGGCAGGCAAGAAGAGAAAAGGGGAAGCAA AGGAGGAAAAAGAAGGAGGGGAGGGCCAAAAAAGGAAAGAGAAAAAAGAG G G G G G G GAAAAAAGGAAAAGGAGAGGGCCGGGGAAGGGAACAGGGAACC AGAGAACAGAGAAGAGGGAAGGAAAGGGGAAAAAAACCAAGGAAAAAGCC AGGAAAAAAGGAGAAAAAAAGGGGGGACAAAAAGAGAAAAAAGGGGGGGG G GAAAAACGAGAGGAGAAGGAAAAGGAGGGGGAAACACGGCCGGAAGGGA GAA $\ln C \operatorname{CGCCAGGGGGGGGGGGCCAGGGAAGGGGAAGGAAGGAAGGGGA}$
 A G G G GAAAAAAACAGGAAGGAGGAGGAAGGAGCCGGGGGGGGGGGGAAG GCCAAAGCAGGGGGAAGCCAGGGGGGGGGGGGGGGGGGGAAAAGAAGGG GGAAAGAGGGGATTCCAAGAAAAAGGAAGGAGGAGGGGAGAGGAAACCCC ACAAAAAAGAAAGGCCAACCAAAAAAGGAAGGAGAGCCAAAGAGACGGGG GGAGGGAAAAGGGGAAAAACGGAAGGATAACAAGAACCAAAAGGAGGAGA GAGAAAGGGGAGGGCAGGGGCCGCGGAAACGGGACAAAAGTAAAAAAAGG GGAAAGCCGGAAGGCCGGCCGGAAAAAAAAAAAAGAAGACGAAGAAAAGG CCGGAAAAAGCCAAGAGGAGAAAAGAGGAGGAGAGGGGACAGGAGGGGG G G G G G G G G A A GCCGAAGAGCCGGGGGGGGGGAGGGCAAGACAGAAAGAG CCAGAGGGGGCCCCCCCCGGAACCCCACGAGAGACGCAAAAAGAAAAGGG A GAA $\operatorname{l}$ GGGGGACAACCAGACAAAAAGGAGGACGGAAGGGAGGGCAGAAGG AAAAGGGAGGGAACGGCCAAAAGAAAAAGAGGAAGGAAAAAGAGAAAAAA CAACGGAGCCAGGAAAAAAAGGGGAGGGGGGGAGAGAGGGGAGGAGAAC A GA $\ln A \operatorname{GGAAAAGGAGGGTTAAGGAAGGGGAAGGAAAAAAGGGGGGAAGG}$ AAGGGGGGAACCAAAACCAAAACCGGGGAAAAGGGGAAAAAAAAAAGGAA AAAAAACCAAGGGGAAAATTCCAACCGGAAGGAACCCCGGGGGGGGGGAG AACACCGGGAAAACGACCAAGGAGAAGAGGTTACGAAGAAGGCCAAAGCA AAAAACGGGGGGACGGGGGAGAAAAAAGGGGGGGGGGGCAAAACGGCCG

GAAAAAAAAGGGGGGGGAACCGGAACCGGGGGGGGGGGGGGAAGGGGGA A G GCACGAGGGGAACAGAAAGAGAGAGAGGGGAGGGAGAAGGAACAGGA AAAGAAAACAAAAGGGGAAGGAAAAGAGGGGGGATAGCCAGGGAGAAGAA A G G G G G GCCCAAGCAAGCAAAAAGGGGAAAAGGCCGGAAAAGAGGGGAGA ACCGGGGAAGGAAGAGGAAAGGGGGGGGAAATTGGGGAACCGGGAAAGA AAAAAAAATTACTAGAAAGGAAGGAGCAAACCGGGGACAGAAAGAACAGA AAGGGGCCGAACAAAGAAAAAAGGCCAAGAATGAAGGGGAATAACCGGCC AAAAGGGGGGAAGGGGGAAAGAGAAGGGGGGGAAGAGAAAAAGGGACAA AA $\ln A \operatorname{AGGAGAGGAGAAAACGGCGCCGGAGGGCAAAAGCACCAGAAGGGGA}$ A G G G A ACGGAAAGGGAAAAGGGGGGGAGGCCGGGGGGGGGGAAGGAAAA AAAAGGGGAGCCGGGAGAAGCCGGAAAAGGAGAAGAAGGGGGGAAAGGG GAAGGAAAAGAGGGGAAAGGGAAGGAACCAGGGGGAAGAAGAAAACAGAG AGGGGGAAGACAGAAGAACGGGGGGAGGGAGGGGGAGGACAAAAAGGAG GGAGGGACAGCCAGAACAGGAAGGACCACACCGGGGGGAGGGGGCCAAGA CAGGGGAGGGGGAGAGAAGGAGGGCGGACCAAAACAAGGGGGAGGGGAA AGAACGACAAACCGGAAGGAAAGACAGGGAAAGAAAAAGAGGAAAGAGGA GAAGCGGAAGGAGGAAGGAGGGAAAAAAAAAGGACAGGGAAAGGAGAACG GAAAAAGGAAAGGAGAAGGAAGAGGAGAAAGGGGGCAGAGGGAAAAGAAA CCCAAGGAAGAGAAGGAGAAGGGAACCGGAAACAACCGGGGCCCCGGAAA AAA $\ln \operatorname{GG} \operatorname{GAAAAAAGGAAGGGAAAAGGGGAGGGGGGGGGGGGAAAAAAAA}$ AAAAAAAAGGCCGGAAGGGGGAGGGGAAAGAGAGAAAAAGCCGAAACCAA CCGGCACCAAAAGGAAGGAAGGGGGGCCGGGGAAGGGGGGCCGGGGCCA AAAAGAGAAGGAAGGAAGGGGAACCGGAAAAGGGGAGAAGGAAGAGGAGA G G G G G ACAGGGACAAGAAGAGAAAGAGCAAAGGGGGGACAGAAAAGGGG AA G GAGGAACGGAGGAAGAAGGAAGGAAAGGAGAAGAAGAGACAGGAACA AA $\ln A \operatorname{GGCCC} \operatorname{CiGCAGAAAAAAGGGGGGGAGAAAAAGGAGGCCGGACAGGG}$ AAGGAGAAGGAGAAAAGAAAGAGAACGGCCAGCCAACAGGAAAGCCAGGA AAAAGGGGGGGAGGAAGGGGGGAGAAGGGAAAGGAGAGGACAGAGGGAA GCCAAAGAAGGAGAAGGGGGGGGGGGGAAGGGGGGGAAGGAAGGAGGCA AAAGGGCACCAGGGGGGGGGAAGGGGAAAAGGAAAAAAAAGGGGGGGAG A GAGGAGGGGGGGGGCCAAGGGGAGGGAAGGGGCCAAAAGAACGGAAAA AGGGCAGGGGAAAACAAAGACAAAAGAAGGAGCCGAACAGGAGGAACAAA G G G G G G G A G G GCAACAAGAAAAAACAGGGAAAAGGGAAGGAAGGCCGGAA AAAAAAAGAGAAGGGGGACAAAAGGAGGGAGAGGAGGGGAAAGGCAGGAA A G G GAGGAAAGGGGGAAAAGCAGGGAGGGGCCCCCCGGGGCCGGAAGAA GCCAAAAGGGGGAGGAAGAAAAGAGGGAAAAGGGGGGAGCAAAGGGGGG AAAAAAAAGGGGGGAAAGACGGAAGGGGAGAGGGAGAAAAGGAGAAGGAA CCGGGAGGAGACAGGAAGAGAGACGGAGGAAAGGTTGGGGAAAAGGGAG G G G A ACCGGAAAGGGGGGAAAAGAAAAGGAACAAGAGGGCCAACCAAGAG GGGAGAGACGGGACCCCAGGAGGGAGGCAAGGGAAGGGGAAAGATAAGG A G G G AA $\lg \operatorname{G}$ GAAAGGGGGGTTAGGGAACCAGGGGAGGGGAGAAAAGGAGG A G A G G GAGGAGAGAAGGAAAGCAGGGAGGAGGGAACAGGGACCCCGAAG A G G G G G G GCCGGAGGGGGGGACAACCAGAGGAAGGAGGGAAAGGAGAAC CGGAACAGAAGACGGAAGACCGGAGGGAAGGAGAAAGGAGGAAGGGGAAA CGGAAGGGAAGGAGAGGGGGGAAAAAGGAACGGAGAAAAAAAGGGGGGG AGAGGGAAAAAGAGGGGGGGAATAAGAGGGAAAGCAGGCCGAGAAGGGG GAAAAACGGGGAAGGAGAAGGGGAAGGAAAAGAGAAAGGGGGAGACCGA GGAGGGAAAAACAGAGGGGGCCAAAGGCAAGGGAAAGGAACCAAGGAGAA G GAAA GCCAAAGGGAGGGAGGGAAAGGGAGGAAGGGAGGGAGGAGAAAA AAAAAAGAAGGAAGGAAAGAGAGAACCAGAGAAAACCGAAAGGAAGGGGA AAAGAGGAGAGAAGGGGAGAGGGAAAAGGGGAAAAGGGGGGAGAGAAAA GGGGAAAAAGACCCGGACAAAGGGAGAAAGCAAGGAGGGGCCGAAGAAGG G G ACGGAAGAGGGGGGGGGGCCGGACAGAGAAGGGAAAAGGGAAAAGGG G GCAATTCCGGGGGGGGAAAAAAAAAGAAGGGATTAAGAGGGGAGAGAAC СТ TCCAGGAAGAGGAGGGGGGAAAACCAAAAAAAAGGAGAAGAGAAACAA AGGCCGGAAGGCCGGAAGGGGGGACGGGGAGAGAGGGAAAAGGGGAACA G G AAAAGGAAAGAGAGAAGAAACCCCAAACACAAAGGGGGGGCAAGAAGC AGAAGGAAAAAAAGGAGGAGGAAAAAGAGGGGGGGAAGAGAGTAAGCCGG AAGGGGGGGGAAAAGGAACCCAAGAAAGAAAGAGGGCAACAAAGGGCCAA CCGACCAAAAGGAAGAAACAGGGGGGAGAAAAAAGGAAAGAGACGGACAG GAGGTTAAAAGGGAGGGGACCCGGAGGAAGGGGAGGAAGGGGAGGAGGG

G G G GAAAAAAGAAGGGGGGGGCCAAAGGGAAAGGAAGCCAAAAGGGGGA AAAAAGGGGGACAGAAAGGAACGGCCAAAAAGGAACCCAGAAAACCGAAA G GAAAAAACCGGAAGGAGGGAGGAAGGGGGAGAAGGAAAAGGACAACCAC AA $\operatorname{A} G \mathrm{G} G \mathrm{GGGGGGAAAAAAGAGGGGAAAAGGAAAAGAGGGGAAGGGGGAG}$ AGAAAGACCAACCAAGGAAGGGGAAGGAGGGAAGAGGAAAAAAAGAAGGG G G GAAAGGGGACCAAAAGGGAAGGAAAGGAAGAAACCGAGGAACCGGAAC CGGCCGGAAAAAAAAGGGGGGGGAAGGAAAAAAAAGGCCAAGGAAGGGAA G G G CCGGGAAAAGGAAGGAGGAAGGAAAAAGGAGGGGGGAAAAGGAGAA A GAAGGGAAGGGGGAAAAGGCCGGGGGGAAGGAAAGCAGAACAGAGAGA A G G G G G ACCAAAGAGAAAGAAAGAAGAGAGGCCGGAAGAAAGGGGCAAGA AGGAAGGCCAAACACAAGAGGAGGGAAGAGGAGGAAGGGCACCGGCAAGG GGGAAAGAGGGAAGAAGAAGGCCGGGGAAGGGGAAGGGGAAAGGAGGGA G G G G G G G GAGGGAGATGAAACCCCAAACGGGGAGCCAAGGAAAAGGAAGA AGGACAAAAGAAAGAAGGAGAGCGAAAAAAAAAAGGGGAGAGAGGAGGGG AAAAGCGGGGAGAACCAAGGCCAAAACAAGAAGGAAAAAAGGGGAAAAGG AGGAAGGGACAAGAGGGGAGAAAAGGCCGGCCAACCCCCGAGAGGGAGAG G G G G G A GAGGAGGAGGGAAGAGCGGAAGGGCCAAGGAACCGGAAGAGGA A G G AAATCACAAAAGGGGGGGGGAGAGAAAGGAGGAAACGAGGGGAAAG GGAAGGAGCAAATTACGAGGAGGAACAAACAAGGAAAAAGGGCCAAAACC GAGGCCACGGGGAAAGAAGGGGGAGGAGACGGGGGGGGAAAAAAAACCA GCCAAGAAGGGAGGAAAGGAGAGGGAAAAAAAAGGCCAAGGCAAAGGGGA A G GAA $\operatorname{A}$ GGGGGTTCGCCAAGGGGAGGGAGACCCCCCCAAAGAACAGGGAG GACAAAAAAGGAATTGGGGAAGGGGAAAAAAGGCCGGGACCGGAAGGAGG AGGAGGGGAAGAAAGAGGGAGAGAGCCACGGGGAAAGAGAGAGAACCAAA GGGGAAAAGCCAAAAAGGGGCAGAGGAAACCGACCGAACGGGGAAGCAAG GCCAGAGAGGGGGGGAGGAGAAGGAAAGGAGAAGGGGAAACGAAACAAG GGGGAGCAGACAGGGAAAGGAAAAGGTTACAGGGACCCGGGAGGGGAAAA GGGGAGCCAAAAGAAAGGAAGGGGGAAGGGGGGGGAAAGGGGAAGGAGA AAAGGAAAACAGGGGGAGGGAGAAACCAAGGAAGGGGAGAGGGGGGGGG AA G G GAGGAAAAAAGGAGAAGAAAAGGGAAAAGGAAGGGGCCAAAAAGGG ACCAGAGAGAACGGAGGGAAAAAAGGAGGGCAAAGGCAAAAAGGGGAGGG G G GAGACCAAGGGGAAGGGGCCAAGGGGGAAACAAACAACAAAAGGCACC A G G A A A G G G G G G G G GAGAGGAAGACCCCAAAGGGAGCAGAGGGGAAAAG G G G G G G G G GAAACAGAACAGGGGGGTTGGGAGGAAGGGGACACGGAAAA AA G G AAAAAAAAGAGGGAGGGGAAAAGGGGGAAAAAAAAAAAAAGGCCGG GAGGCCAAAAAAAAGGCCCAACGGGGAGAGCCAAGGAAACAAAGAAAAAC GAGAACGGGGAAGAAGGAGGGACCAAGAGGAAAAGGAGGAGGAGAAACGA G GCCGGAGAAAGGAGAAGCCAGGGAGAAAAGGCCAAAAGGACGAAAGGAA AA G GAAAGGACCGGAAGGGAAGAAGGCCAAGGCCCCGGAAAAGGAAAAGG GACCCAGGCCGGAGCCAGGAGGGGGAGGGAAGGGGAAGGGAGCCAAAAA G G G GAGAGAAGAGAAAGACAGAGAAGACCAGAGGGAAGGACAACCGAAGG GGGAGAGCAGAGGAGAAAAAAGGGAAAAACCCGAGAAAGGGAGAAGGGGG GGAGGGGAAACGAAGAGAGGAGGGGAAAGGAAGGGGGAAGAAAAAAAAA GGGGAGGAGACAGGAGGGGAAAAGGGGGAAGAGGGGGAGGAAAAGGAGG GGGGGAAAGGGAAGGAAGGAAGGAGAAGAAAGGAAAAAGGGGAGAAAGG ACGGGGGAGAACGGGGGGAAGGCCGAAAGGAAGGAAAGAAGGGGAAGGA AAAAAGAGAAGAGAGGGGGAAAGGACCAGGGAAAAGGAAAAAGGGGGAAA GGAGGGGGGACCAGAGGGGAGCCAAAAACAGAAGGAAGGAAGAAAAGAAG AAA $A$ GGGGAGAGGGGAACCAAGGGGGAAGGGGGGGAGAAGAGGACAAAA G G G G G G AAAAGAAGGGAAGGAGGGGAGAGAAGGGCCGGCCAAAGAGAAG GAAGGGAAACCGACGAAAGGGGCGAAAAAAAGGGGGGTTGGGGCCAAAAC C G GAAAAAAGGGGGAAGAAAGAGGAGAACAGGGAAGGGGAACCAAAGGAG GCCAAGGAAAAGGGGAAGGGGGGGGGGAATTGGAAAAGGAAAATTGGGG G G G GAA G GAAA GCCGGAGAAGGGGGGGAGGGGAAAAGAAAAGCCGGTTC CAAGGGGACAAGGACAGGGGAGGGGAAGGAAAAAAGAGGGGAAAGAAAAA GAAGGGCAAGGAAAAGGGGGGTTGAGACAAAGGGAAGGGGGGGGAAAGG GGGGGAGAAAAAACGGGGCCGGAGAAGACCGGAGAAGAAAGGGGAAGGA AACAGCCGGAACAGGAGGGGAGAGAGAAAGGGGGAGGAGGGAAAAGAGG A GAGGGGGGGGGAACGGGAAGGAAAATTAAAGGGGGGACCGGAAAAAACC G G G G G GAGGGAGGGGGGGAAAAGAGACCAAGGAAGGAGAGCAGGACAAA GAACCGGCCAGAAGGGGAGGGGGAGAAAAGGAGAGGGGAAGAAGGAAAA

CCCCGGGAGAGGAAGGCCAAGGAACCAAATAAGGAAGGCCGGGGAGCCGG GGACGAGGGAGGAGAGCAAAGAGGAGAGGGGGCAAGAGGGAGGAAGAGC CAGGGAAAAAACCAGCAAAAGAGGGGAGAAAAAAAGGAGAGAAAGGGAAC CACAAAGAGAGGACAAGGGAGGAAAGGGGGGAAGGAAAGCCGGAAAAAGA AGGGGGGAAGAGAATAAGGGGAGGGATGGCCGAAAGGGGGGCCGAGGAG GAAAGAAAAAAACCGACAGGAAGAGGAGAGGAGGAAAAAAGGAGGAAGGG GACCAAAGAAGAAGAGAGGGGGGGGGAAGGGGGAAAGGGAAACCAGAGA AGGAGAGCAAAGAGGGGGAGGGAAGACGAGAGGGAGAGGCCAAGGGAGG GAAACAAAAGGCCAGGGAGCCCAAAGAAGGGGGGCCCAAGGAGGACGGCC AAAAGAGGGAAAAAGGGGAGACAGAGGAAGACGAGAAGGGCCAAGGGGCC GGAAGGGGGGAGGGAGGAAGAGAGGGGGCCGAAAAAAAGGGGAAGGGGG GAAGGAAAAGGAAAAAAAAGGAAGGAAAAAAAAGGAAGGGGGGAAGGAAG GAAGGAAGGCCCCAACCGGAAGGGGAAGGGGAAAAAAAAAAAAGGGGAAG GAAAACCGGGGAAGGAAAAAAGGAAAAGGAACCAAAAGGAAAAAAAAAAA AGGAAAAGGAAAAGGGGAAGGGGGGGGAACCGGGGGGAAAAGGGGAAGG AAGGAAGGGGAACCGGGGAAAAAAAAAAAAGGGGGGAAAGGGGGAGGAA GGGGGGGGAAGGAGGAAAAGAAGAAGACCAAAAACAACCAAAGAAGGCCG AGGAAGGAGGGGGGGCAGGAGAGAAAGGGGGGGGAGAGAAGGGGACCGA AGGGAGGGGGCCGGGGGGGGAAGGAGAAAGAAAAGGGGCCAAGAAACCA A G G GAA $\lg$ GACAAGGAGGGAAGGAGAAGAGGGGAAAAAAGAGAAGGGGG AAGGAAGGAACCAGGGAAGGGGGGAAGGCCAAAACCACGAGGAAAGGGGG AGAAAGAGGAAAAGAAAAAGAGAAAGCACCCAAAACGGAAAGGAAAGGGG ACCAAAAAAAGGGGAAAAAAACACCAGGAGAGAAGGGAAAAGGGAAGACC GAGAAGGGGGGGAAGGAAGGCACCGGAAGGGAACGGGGGGGGGGAAGGG GAAGGGGAACAGGAAGAGGAGAGGGGGACGGGGGGGAAAAGAGGAGAGG AGGGGGGGGGAGAAAGGGAGGGAAAAAAGGAGGAGGGGGAGGAAAAGGA AAAGGGGAAGACCCCAGAAAACAACGAAAGGGGAAAGAAGAGAGGGGGGA AGGGGGAAAAAAAGGAGTTTTGGGGGGAGGGAAGGGAAACCAAAAGAACG GACAGGAGGGACCAAGGAAGGGGAAGAAAGAAAGGGACCGGGGGGGGGG ACAACCGGAAGGGGAAGGCCGGGAGGCAAGAAACAAAAAAAGAAAAAGAG GGAAAAGGTTGGAACCAAGGAAAAAAAGAAACGAGGGAGGGAAACCGAGG GAGGAAGGGGGGGAAGGACAGACCGAGAAAGAGGGGGGGGGAAAAAAAA AAAGACAGAGGCCAAGAGGGAGAAAACGGGAAGGGAGCCAGGGAAAAAAT TGGGGCCAAGGGGAAAAAACCGGAAGGAAAACCAAAAAAAAGGAAAAAAA AAAGGGGGGAAAAAAGGAATTAAAAAAGGCCGGAAGGGGGGAATTAACCG GAAGGGGGGGGAAAAAAGGAAGGAACCGGAACCAAGGCCAAAAAAAAGGC CAAGGGGAAGGAACCAAAAGGAAGGAAGGGGAAGGGGAAGGAAGGGGAA AAAACCGGAAAAGGGGCCGGGGAAGGGGAAAAAAAAGGAAGGGGCCCCGG AAGGAAGGAACCGGAAAAAAAAGGAAAAAAGGAAAAAAAAAAAAAAAAAA AAAAAAAAGGGGGGGGAAAAGGGGAACCGGAAGGAAAAAAGGAAAACCAA GGGGAAGGGAAGAAAAAAGGAAGGAAAGGGAAGGAACCGGAAAACCGAGG GGGCAAAAGGGGAAAAGGAAGGGGAAGGGAGGAGAAAGGGGCGAGGAAG AAAGAGGGAAGAACCGGGGGGGGAAAAAAGGAAGGAAAAGGGAGGAGAA GGGGAAAAGGGGAAAAGGGGGGAACCAACCAGGGACAGCAGCGACCGGG GAAGAGGGGGGACGAAGGGAAAAGGGGAGCCCCAAAAGGAAGAACGGGAA AGAAGGGGGGGCCAAGGGAAGAAGGAAAAGGGAGAGGAGACCCAAAAAGG GAGGGAAACAACAGAGAAAGAGAGGAAGAAAAAAAAGCCAGAGAGAGAAG GGACAAAGAAGAGGGGAACGGCCGAGGAAAGGGGGAGGAGCACGCAGAA GCAGAGGGAGGAAGAGACCACAGGCCAAGGAAAAAAGGGGGAGGGGAAG GAAGGGGAAAAAACCAAAACCAAGGGGAAAAGGAAGGAAGGGGGGGGAAG GGGCCAAGGGGGGCCAAAACCAAGGCCGGAAGGAAAAGGAAAAAAGGCCA AGGAAGGGGGGAAAAGGAAGGAAGGAAGGGGGGGGAACCGGGGGGAAAA AAAAAAGGCCGGAAAAGGAAAAAAAAAAGGAAGGAAAATTAAAAAAAACCA AAAAAAAGGAACCGGCCAAAAAAGGGGAAAAAAAAGGAACCGGAAAAAAA AGGAAGGGGAAGGAAAAGGGGGGAACCAAGGAATTAACCAACCAAAAAAG GAAAAAAGGGGAAAAGGAAAACCAGGGCAGAAGGGAGAAAGAGACAGGGA AGGGGAAGAAAAACCAGCAAAGGGGAAGGGGAGACGGAACCAGGAGAGAC CGAAGGGAAAAGGAAAAGGGGCCAATTAAAAGGGGAAAAAAAACCAAAAA AAAGGAACCAAGACACACCACCCGGCCGGGAAGGATTAAAAGGGGAAGAG GAGGAAAGGAAAAGGCCACGGGGAGAAGGACAAAAGGGGGGACAGCAGG GAAACAGCAGAGGGACACGAGGGACCGGGGGGAAACGGGGCCGGGGAGA

AAAGAAGGGAGAGAGAGGAAGAGAAGACAAACCAACCGGGGCAGAAGGGT TAAAACCGAGGAGCCGGGGGGCCCCGGGGAGGGAAAAAAAGAACAAGGAG GGAAGAAAGGGGGAGCCGGAAAAGGAAGGGGAAGGGAGAGGGGAAAGGG CCAGGGGGAAAAAGAGGAAGAAGAGGCCCAGGAAAAAAGGGGGGAAAAAG GAAGAGGACCGAGGAGAAAGGAGGAAGGAGAAAACCAAAAAAAGAAAACC CGAGGGACAGGGGGAGGAAACCAAGGGAGGCGGAGGACAGGGAACCAACC GGGGAAAGAAGGAAGGACGAGGAAGGGACCAAGGATAAAGGGAAGAGAAA AGCCGGGGGGAAAAAAGACGAACCGGGGACAGGGGGAAAGGAAAAAGAAC AGGGAAAAGAGGAAGAAACAAAAAGGAAGGGGAACAAAGGAAACGGTACC GGGGCCGGAGCCGAAAGGGGCCAAGGCCAGGAGGAAACAAGGAAACAGAA GGAGAGGGGAGATTCCGAGGAAAACAAAGAAATAAGGGAAAAGAGCGAAG AGAAAAGACCAGGGGGAAAAGGGGGACCAACCGGGGGAGGAGGGGAGAA ACCCCAAGGAAAGAAGGAAAGGGGGGGAAGGAAGGAAGGAGGCAAGGAAG GAGGGAGCCGAGGGGAAAGCCAAAACGAAAAACGAGACCAGGGGGGAGAC CGAGAGAACACAGCAACCAGGGAGGAGCGAAAAAAAGGAGAAGAGAGCCG GAAAAGGAAAAGGCCGGCCAGAAGGGGAGAAAGAAAAGAGGAAGAGAGGG GAAAAGGCAAGAGGGCAAAAACAGAAAAAGGAAAAGAAAGAAAAAAACAG AGGGGGGAAAAAGAGGGAAGGCAGAAGAGGGAAGGCCAGAAAGAAAGAGA GACACAGGAAAGGGGAACCGGAAAGCCGAGGGAAAGGAAGGGGGGAAGAA GAGAGGGAAGAAGAAGACCAAGGAACCAGGAGGCCCCGGAACCGAGGAAA AGGCCGGCCGAGGGAGGGGCCGGGGAAGGAAGGCCAAGGGGAAGAAAAA AGAGGGGGAAGGCCGGCAAAAAGGAAAAGGAAGGAAAAAAGAAGAGCCAA GGGGCCAAGGAACCAGAACACCCCAACCCCAAAAAAGAGGGGAAGAAGGG GGGGACAAGGGGCAGGAAAAGGAGGGCCAAGGGGAGAAAGACGGGGAAA GCAAAGGAAAGGGACAACAGAAAAGAAAAGACGAAGATTAAAAGGGGAAA AAAAGAGAAGGGACAAGAAAAGAGGAAAAAAAAAGCCCCAGGGAAAAGGA ACAAGGGAGGGGGGGGACAAGAAAAGGAAAACCGGGGAAGGAGGGACAAA AGAGGACAGAACCGGCCAAAGGGAGAAAAGGGGAAAAAAGGAAGGCCGGG GGGACCAAAGGAAAAGGGGCAGGGCAGAAGGAGAGAACAGAAGAGAAGAG ACCGAAAGGCCGGGGGGGGGGGGAGGGGGCAAGATGGAAAAGGAAAAGG GAAAGGGGGGAAGGGGGGGAAAGAGGGAAGCCAGAGAAGGGGCCAGAGA AAAGACAAAGGAGAAAAGGTAAAGAGGGAGAGACACCCCAGAGGGGGGGA AAAAAGGAAGGGGGAAAGAGAGGGGAAGAGGAGGGAAGGGAAAAGGAGG CAAACGAAGGGGAGAAAAAGGGCCGAACAAGGAAGAGAAAGAGGGGAAAA AAAAGGGGGAGGAAAGGGGGGGGGAGGGGGGGGGAAAAAAGAGGAACCG AGGAGGAGCAGAGAGGCGGAAAAAAAGAAGGAAGGACGAGGGAGAATGAA ACCAAGGGGGGAGGAAGACCCGAGACACCCAAGATAAAAAAAAGGAAAAA GGGGGAAGGGACCAAGGGGGGAAAAGGGGGGGGTTAACCGGGGAGAACA AGGGACAGAGAGGAGGAGGAGGAGCCAAGAGGAGCCAGGGGGAAGGGGG GGGAAAAAAAAAAAGCAGGGGAGAGAAGGGGGGGGGGAAGGGGATCCGG AAAAGGAAAGAAGAGGCAAGAGGGGGAGGAACGGCACCGGAAAAAAGGGA AAAGGAGGACCAGAGGGAACCCAAAATTACAACCGGGGGAAAAACAGGGG AGAAGGGGGGGAAAGGGGGGGGCCAAAAAAGGGAAACCGGAAGGGGCAA ACAAAAAAAAAAAGAAAGGAGGGGGAAAAAACCAGAAGGTTAAAAAAAAC CAAAAAAGGAAGGGGAAAAAAAACCAAAAAAGGCCAAAAGGCCGGAAAAC CAAGGAGAGAGGACACACAAAAAAAAAAAAGAGAAAAAAGGAAGGAAAAG GCCAAGGGGCCAAGGGGAAGGGGCCAAAGGGAAGGAGAGGAAGAGCGCC GGAAAAGAGGGGGGGGAAGGGAAGGGCCCAAAGGAGAAACAAAGGGAAG GGGCCGAGGAAGGAAAACCGGAGGGCAAAGGGGAAAAAGAGAAGAGGCCA GGGGAAAGACCGGCAAAGGGGAAGAGGGGGGAATTCCAAGGAAGGGAAT GAGAGGAACCACAGAAGGAAAAGGAAAGAGCAGGGGAAGGAAAAGAAAGG GGCCAAGGGGCCGAGAAAAAAAGGAGAAAGACAGAAGGACAGCCGGAACA GGCCAAGAACCAGGAAAAAAGAAGGACCAACCAGCCAACCAAAAGGCAGG ACGAGGAGGGGGGAGAACCCAAAAAGAGGGCCAAGACAAGAGAAGGAGGC GACGGGATAGGGGGCAAAGGAGGGGGGGGGCCGGAAGGGGAAAAAGAAA GGGAAGGCCGGCCGGAAAAAAGGGGGGAGGGAATTAGGAAAGGGAAGGG GGCCAGGGGAAAGCGGAAGGGGAGGGAGCCCCGAAGGAAGGAAGACGGC CAGGGCCAGAAAAAGGAGAGAGGAAGAACAAAGGAGAAGGGACGGAGGGA GAGGGAGGGGGAGGGGGGGGGGGGGAAAAGGAGACGGAAAAGGCACAGG CAGGAAAAGCGGAGAGGAGGAGGGAGAGGAGGGGAGCCAGGAGGCCCCA GCCCCGGAGGGCCGGAGCAGGAAGAACAAGAGAGGGGAAGGACGGAAAG

GGGGGGAAAAAGAGAACCGGAGACGGAAGGAGGAGGACAGAGAAAACCAA GGCCCCAAAAAAGGAAAAGGCCAGGGAGGAGACCGGAAAGGGGAGAAGCC GGAAGAAAGGAAAGAGCCGGGAGAGGAACAAGAGAAGGGAGGGGAAGAG GGGGAAAGAAGAGAGGAAGAAACGGAGAAAAAAAAAGAGAGAAGGAAACG GAGACGAGGAAGGGGAAAAGGGGGGAAAGAGAGGGGGAGAGAGAGCCAA ACAGGGGGGGAGAGGGAGAGGAAGGGGGAAGGAAAAAAAGAGGGCACCA GAAGACGGAGAAACCTTAAGAAGCCAGGGGAGGGACGGGAAAAGGGGGGC CGGAAGGGGGGGGGAAGGGCAGGGGAAGGGGAGAAGGAGAGAAGAGGGG AAGAGGGAAGGAGAACGACCAAAACCGGGGCAAGAAAAGGGAAGAAAAAA GGAACAGGTTAAGGAGAGGAGAAGGGAAACAGAGGGAAAGGGGGAGCAG GGGGGAAAGAGAGGGAGGGAAGGAACCGAGGGGAACGAGAAAAGGCCAA AAGGGGAGAGGAACGAAAGGAGACGGAAAAAGGGAAGGAAAAAAAAGGGG GGAATTGGGGGGCAGGGGTTAAACGGGGAACCGAGAAGAAGGGAAAAGAA GGAGGGGAGGGGAAGGCCCCGGAGCCAAAACAGGAAGGAAACGGAAAACC CCGCAGGACAAGCATTAAAGCCAAAAACAGAGAGAAAAGGAGGGAGGAGG GGCCAGCAGGGGAAAAGAGGAAAGACCAAGGACCGGAAAGGAAGAGAGGG AAAACCAGGGGAGGAGAGGAAAAGGGGAAGGGAAAAAAAAAACCGAAAGG GGGAAGCAGAAGAAAAGAGAAAGGAGGACAAGAGGGGAAAGAAAAAGGGG AGTTGAAGGGAGGGGAGGAAGGAAAGAGGAGGAAAAGGAGAAAAAGAAAA GGCCAGAGAAAAAAGGCCCCGGAAAAAACAAAGGAAAAGAAAGAGGAAGG AGAAAAAAAGAGGGGGAAAGGAACAGGGGACCAAAGCGGGAGAAGGGGGA GAGGGGAAGGAAGGGAAATAATAGAGCCACCAGGGGACGGAGAAAGCCGG AGAACCAAGAGAAGAGGGCCGGAACCAACCAGGAGGGAGAGAAAAACACA AGGGAACCAACCAAGGAAAGAAAGACAAGAGGGGGGGATAAAGGGGAAGG GGAAGAAGGGGAAACAGGGGCCGGAGCAAAAAGGAGAAGGAGAGCAAAAA AGGGGGAGGGAAAGAGGGGAAACCCCAAGGGGAAAAACAGACCAGGGAGA GAAAGAGAAAAAGGGAGGGGGGGAAGAAAGCGAAGACCCGAAGGAGAAGG AAAGAGAGAAGGAACCGAAGGGAAGGAGGGGGAGGGGGAAGGCCAGAGG GGGAAGGAAGGAAAAAAAAAAAAGGCCGGGAAAGAAATTGGGGAAGAGGG GGAGGAAAAGAGAAAGGCCGGCCAGGGACAACCAAAAAAAAAAGGAAGGG GAAGGGGAAGGAAGGAATTGGACCACAAAGGACAAAAAAAGGGATGGCCG GAAAAAAAAAAGGAATTACGAAAAAGGAAGGAAAGGGCCAAGGCCCCAAC CGGGGAGAAGAGGGACAAAAGAAAGAGAAAAAACCAGACAAAAAAGAAAG GAAAAGATTAAAGAAAAAGCCGAAAGAAGACAAAAGAGGGGGGCCCCGGT TAAAGGAAAGGAAGGAGAGGGAGAAGGGGAAAAAAAAGGAAAAAAAAAGA AGGAAGAAAAAAAGAAAAAAAAGCCGGAAAGCAGACCAGAAGGAGGGAGA GGGACGAAGTACAGGACAAGGGAAGAAGGAACCAGAAAAAAAAAGAGAGG GAAGGCGAAGGCCCCGAGGAAAGACCCAAGGAGCAAAAAAAGAGGAAAGA AA $\operatorname{la}$ GAAGGAAAAGAGGGAAAGGAAAAAGATAGGGGAGAGGGGAAGGGG AAAAGGAAGGAGACGGCCGGAGCAGGCAGGGAGAGAAAAGGGAAGGGAAA ACGGCCAAAACCCCACGGCCAAGGCCGAGGAAGGAAGGCCAGGAGGAAAA A G G GAGAAGGGGGGAAGGAGGACCGGGAAGGGGAAAAGCCAAAAAAGGA AGAGGAAAGGGGGGGAGGAGAGGGGAAAAAGGGGGGCAAGGGGGGGAAG GGGAAAAGAAGGGGGAGGAAAAGGGGGGGGAGAGGAAGGGAAAGGAGGA ACAGAGGGGGGGGCCGGGGGGAGGGAGCCAAGGGGAAAAAACCTTAAGG GGAACCGAGGGAGAGGAGAGAAGGAAGAAGCAAGGGGGCAAGGGGGGGG GAAAAGGGGTTAAGGAAAAGGAAGGGGAGGGACAGAAAGGAAAGGAGGG AAGGAGAAGGGGAAGACCGGAGAAAAGGAGAAGAAAGAGAGGGAGAGAAG GGGGAGGAAGAAAAGGCCGGGAGGGAGGGAAAGGAAGAGGGGAGGGAAG GCCGGGGGGGGAAAAAAGGGGCCAAAAGGAAAAAAAAGGGGAATTCCAAA AGGAAAAGGCCGGGGGGGGAAGGGGAAAAGGAAGGAAGGAAGGAGGAAG ACAAGGAAGGAAGAGAAAGGACGGAAGAGGAAAAGAAACCGGGGAGAAGG GGAAGAAAGAGGGGAAAGAGAACACCAAAGGGAGAAAGGGAGGGAGGGAA GGAGAAAAAAGGGGGGAAAAGGGGAAAAGGAAAGGAAGCAAAGGGAAGTT AAACGGCCAAAGAGAAAAAGAAGGGGGAGGGGAAAACCGGGACCAGCAAG AAAGAAGGGGGAAAGAAACCGGGGAGAAGGGAAAGGGGAAAACCTTGAAG AAAAAAAAGGAGAAGGAAAAACACAGGGAGAAGGAACCAGCCAAAAGGAA AA G G GGAGGGGGAAAGGGAAGGAAGAAAGGGGAAGAAGGAGACAAGGAA GAAGGGGAAAGGGACGCCCAAACCAGACCAAGACGAAAAGGGGCCGGAGA CAAAGAAAGGGGGGGAGAATTGGGGAAGGAAGGGGGGAGGGACCCGGGA GGAACCGGGGGGCCAGAAAAAACCGGGGGAACAGGAAAAAAACCAAAAGG

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G G G GAAGAAAGGGGGGAACCGGCAAGGGGAAGAGAGCCGGGAAATTGAA A G G G GAA $\ln$ GGGGGAAGAAGAAGGAAGGGGCCGGAAAAGGAAGGGGAAAG
 A G G G GAACCAGGGCACCGGAGGAAGCCAGCAACAAAAAGAAAAGACCAAA AGGAAGGGAGGGGAAGGCCGGCCGGCCAAAGAGAAAGACGGAGGAAAGAC A GAA $A$ A G G GAGAGGGAAGGGGAGGGAGAGAAAGGGGGGGGGAGAAAACC AAAGGAGGGGAACAGGAAAGAACCGGGGGGAAAAACGAAAGGGGGGAACC CCGAAAGGCCAAGGGGAGGGAGGAAGGACCAGAACCGGGGTAAAAGACGG G GAAGGAAGGACAAGAAGCCGGAGAAACCAGAAGAAGAAGAAAGAAAAGG AGGGAAAAAACAAAAAGGAAAGGAGGAAAAAAAAGGACGGGGGGGGAGGG CCAACCGAGGGAAAGAAAGAGAGAGGAGGAACGGAAGGAAGAGGGGAAAG AGCCAGAGGAGGAGGACCCAGGGGCCAAAAGGAAAAGGCCGGGGGGAAAA GAGGACGGAGAAGGAAAACACAGAAGGGGGAAGAGAGGAACCGGGGCCAA GGAAGGAAAATACACCGGGGGGGGAGGAGGGAGGGGCAGGCCGAAGAGA AGGAAAAAAAACAAACCGAGAAAAAAGAAAAAGAGGGGGCAAGAGAAACA AGGAGGGACAAGGAAGGAACCGGGGAGAAACGAGAACAGGAAGGGGAAAA ACGGGGGAAAGGGGACGACAACCGAGGGGGGAGAGAGCCGGCAGAGAGG G GAA G GAAAGAGGGACTTAAGAAAGAAAAGAGAGGGAAAAAAAAAGGAAG A G GAACA $\operatorname{la}$ A G G A G G G G G G GAGGAAAACCAAGGGGAGAGAGGGAAAAAAAA G GAAAAGGAAGGGGAAAAAAAGACCCAAGGGGCCGGGGGGGGAAAGGAG AAAACGAAGAGCAGAGAAGGGAGGGGGACAACCAGGAGGACGGGAGAGG G GACCCGGGGAGAACCGGGGGAGGGGAAAGACGAAGAAGGGGCCAAGAG GAAACGGGGGGCCAAAGGGAAAGAGGGGGCCCCGGAAGGGGGGGGAAAA AAAACCAAGGGGGGAAGGGGAAAAGGAAGGGGAACCAAAAAAAAAAAAGG AA G GAAGGAAGGGGGGAAAAGGGGAAGGCCAAAAGGGGGGGGAAAAAAA
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 G G G GCCAAGGCCGGGGAAAAAAAAGGGGGGACGAAAGACAAGGGGGGGA AAGAAGACAAAGGGGAGAAAAGAGAAAAAGGAGCAACAGAAGGGGGGGGA CGGGACAGGCCAAGGGGAAAAGGAAACGAAGAGAAGGAAGGAACCGGAAA
 AACAA $\operatorname{A}$ G G G G G G G G GAGGGGGGAGGAAGGGGGGGGGCAACGAGGAAGAT
 G G G G G GAAGGGGAAGAGGAAAAAACAGACCCCAAAAGGAACCAAAAAAGG CCAAAAGGGAAGGAGGAAACAAAAAAGAGACAGGCCAAAAAAGGAAAAAA AGGACCAAGCAAACAAGGAAAAGGGGGGGAAAGAGGAAGGGGGGGGGGC ATAGACCGACCCCACGAAGGGAGAGAAGGAACCGGGGGGAGCAGAGGGAG AGGGAAGAAAAAAGAGGAAAAGAGAAGAGCCGGGGCCGGAAGGGGAAAAA

AGGCCGGGGAGAGAGAAGAGAAAGAGGAAGAGAGAAGGAAAAAAAAAGAC CCCAA GAGAAGGACAGGAAGGAAGACAAAGGAAAGGAGGAACCGGGAAAG A G ACAGGACAGAGAGATGGCCGAGGGGAAAAGGAAAGGGAAGGGGGGAA CAAGCCGGAGGAAGAACACAAGGGGGAGAAAAAAGGAAACAAGGGGAACC CCAAGGAAACGGGAAAGGGGAAGGAAGGGGAAAGAGGGAGGGGGGGGGG G GA G G G ACAGGAGGGAGAGGGGAAGGGGATTCAGGAAGGAAAAGAGCGA G G G GCCGAGGAACCAGAAAAAAGGGAAAGAGGAGGGGAAAGAGAAAAAAG CCAAAGAAGAGGCCAAGAGAGGGAAGAGAGGAAAAAAAGGGGGGAAACAA GAGGCCAAAAGAAGGAGAAAGGAAAAGGAAGGAAAGAAGGAAGGAAAAAA ATGGGAGGAAGAAGGAAAGGAAAAGAAGGGGAACAAAAAACCGGGGAAGG G G G GAAAAGGAAGGCCGGGGGGAAGGAAGGGGGGGGGGGGGAGGCCAAA AGGAAGGGGAAGGCCGGAGAGAGCAGAAAGGAGGGAAAAGAGGCCGGAA GACAGGCCGGGGGGAGAAAAGAGGGGAGGGGGGGGGAAACAACCGGGAC AA GACGGAGAAAAGGGGCAGGGGGGAAGGAACCGAGGAGGGAAAAGGAG AAAACCAAGGGAGGGAGAGGGAAAAAAAAATAAAAAGACCCGAAGGGACA GGAACCAGAGAAGGAGCCGGGAAGGGAAAGGGAAAAAAGGAAAAAAAAGG AGGAAAGAGAAGAAAAAAGGCCGGGGGGGGCCCCGGAGGGAAAAGGAAG GCCAAAAAAAAGGGGAAAAGGAAAACCGGAAAAGGAAAAAGGGAGAGCCA GACGGGGGGAGGGAAAGGGGGGAGGAAGGGGAAGGCCGGCCAAAAGGAA AAGGCAACCAAGCCGAGAGGGAGGGGGGGGGGAACCAGGAACGGGAAGA GCCCAAAACGGAAAAAAAAAAGGAACAAGGGGGAAAAAGAACCAGGGAAG GCCGGCCACCCGGCAAGGGGGAAGAGGAAAAAAAAGAGAAAAAAAAAACC AGGACCAGGAAAGGAGGGGGGGAGAGGGAAAAAGAGGAAAAAAGAGGGA GGAAGGGGAGAAGAGAGAGAGAAGCAGGGAGAAGAAGAAGGGCAGGAGA AGAGGAGGAAGAAAACCATGGAGAAAGGGAAGGGGGGCCTAAAGGAACCC CAGAGGAAAAAAGAAACACGGGGGGAAGAAAGGAGAAAGGGGAAGAGGGG GACCCCAGGGAAGGGCAGAAACCGGGACCAAGGAAGGGGAAGGAAGGGGA AAAAAGGGGAAAAGGAAAAGGAAAAAAAAGAAAACGAGGAAACGGGGGGA AGGGAAGACGGAGAGAGAGGAACGAAGAAGAGAAAGGGGGGAGAGGACC GGAAACGAAGGAAAAAAGGGGGGAGGGGTTGAAGGGGGAAAAGGCCGGC CAAAAGGAAGGAAAAGAGGCCAGGGACAAGGTTGGGAGGAGGAAAAAAAG GGGAAGAAAGGGGACGAAAAAGGGGCCAGAACCCAGAAAAGGGAAAAGGA ACAAGGGGGGGGACAAAGGGGAGGGGGGGAAGGGGAAAAAAAAAAGACC
 AAAAAGGAAGGAGGGGGGAAAAAAGGAAAAGAGGAAAGGGGAACCGGGAG
 AAAGGGGGAAAAAAAAGGAGGAAACCAGATGGAACAAGGGAAGGGAAAGA CCAAAAGAGGGAGAGGGCAAAAAGCAGGAGGGAAAACAGGAGGGAAAAGG AGAGAGGGAAGGAAAAAGAGAGAAGGGGGGCCGGAAGGCCAGAGAAGAA G G GAAGGAAAAAAGGGGAAAACCCCCCGGAAGGAAGGAAAAACAAGGAAG AGGGAAAGGTTAAAAGCTTAAGGAAAAAAAACCCCGGAGAAAGCAGGATA AGAAACCGGCAAAAAAAGGACGGGGCCCCAAACAACCGGAGAGAAGAAGG GAAGAAAGGAGAGGGGAAAGGAAGGAGAAGGGACAAAAGAGCAAGCCGGA AGGAAAGGAGAGGAGAAAAAGAAGGGGCCACAAAGGGCCAGGGCCAAGAC CGACCAGGGAACGGGAACCGAGGGGGGACGGAGAAGGAAAACCAGAGAAA AAAGGAAGAAGAAGGGGGGGGAAAACCAGGGGGAATTGGGGCACACGCCG GCAGGGAGAAAGGAAAGAGCAGAAAGGAAGGAACCGGAAGGGGTTGGGAA GGGAGGGAACCAGAAAAGGGGGGCCCCGAGGCAGGGGAGAAGAGGAGGG GAAACCGGGGCAAAGGGGTACAAAAAGGCCCCGAACAAAAAAACAAAGAA AGGAACAAGGGGAAGGACGGCCCAGAGACACCGACACCGAAGGCGACCAA GGAAAAAGAAGGGAGAGGGGGGCGAAAAGGAGGACAGGCCGGAAGGAAC CCCAGGAAAGAAAGGAACCACAAAAAAAACCGGCGGGAAAAGGACCAAGG
 ACAAGGAAGAGGCCGGAGGAGGAGGGGGAGGAGGCAGGAAGGAAGGAAG G GAAAAAAAGGGGGAAAGGAAAAGGGGGGGGAAGGGACCGACCGGCAGG AGAAGAAAGGAGGGAAGGAAAGGAGGAGAAGGGAAAAGGAAGGGGGGGG G GAA $A$ AA $\operatorname{G}$ GTTGGAGCCGGGGAAAAAAGGGGAAGGTTAAAGAAGGAAAGG GAGACAAAGGGGACAAAGGGAGAAAAAGACAAAAGGAGGGGAGGAAAGAG AGGAGAAGAGGAGAGACAAGGCCGGAAGGGAGAAAGGGGCCGGGGAGAC CACGGGGGAAGGAAAGCAAACAGAGAAAAAAAAAGGAGAGGGAGAAGGGG GGGGAAAGACGACCGGAGAAAGGGGACCGAGGAGCCCGGGAAGAGGGGA

A GAACGGGGAAGGGGCAGGCCGGGGCAAACCGGGAACAAGGGAGGAAAA GCAGAAAAAGAAGAGCACACGAAGAAAAAAAAGGGGAGGGAGAACCGAAA A GACAGAAAGGGGAAGACGAAGGGGGGAGGGGGGGGGGAGAAGGGGAGG GAAAAGGGAGGAGAAGGGGGGAGGAGGGGCAGGAAAAGGGGAAAGGGGG CCAGGGAAAAGAACAAAGAAGGAAAAGGGGGGCCGGGGAGGGGGAAAAAA CCAACCAGAAAAAGAGCAAGAGGAAGTAACGGGGAGGGAAGGGGGGGGAA G G CA $\operatorname{GAG}$ GGAAGGAAAGGAACCCCAAGGAAGGAGGGAAAGAGAGGAGGG GAGCACCGGCCCCAAGGACGGCCGGCCGAGACCAGAGGGAAGAGGCCGAG GAGGGAA GAAAGGGGCCGGGGGGAAAAACAGGAGGCCGGGAAAGGAGAA AA $\ln A \subset C$ CAGGGGGGGGGGCCGGAAGGGGAAGGAAGGGGAAGGGGAGGAA GGGACAAAAACGGAGAGGAGAGACCGAAGAGGGGGGAGGAGAAGACGGG ACAGGGAAGGGGGGAGGGAGCCGGAGAACAGGAACAGAGAGAGGGGGGA GGGAAGAAAAAAAGAAAAAGCACAGCCGGGGGGGGCCAGAAAAGGGGAGG GGAAGAAAGAGGGGGGGGGAGGAGAAAGGACGAGGGAAGGGACAAGAGA TAGGAGAAAGAAGGGGGGGGGGGGAAAAAAAAGGAAAAAGGAAAAAGGG GGAGGAAGGGGGGGGGGAGAAAGGAAGGAGGAAAACCGGAAAGGGAACC G GAA G GCCCAGAGGGGCCAGCCAGGGGGAAAAGGCCGGGGAAGGAACCG G G GAGGGAAAAAAGACAGGGAAAAGAAAAGAGAAGGAGAAGAGAAAAACG AAAGGAGGACCCCAAACAAGAGGGAGGAGAAAAAAAGAGCCAAAGGGGGA AAAAAGAACAGGGAAAACCAGAAGGCCATGGAATTCCAAGAAGGGAAGGA AGGACGGCAAGGGAAAAGGAAAAGGTTGGAACGGAAAGGGGAAAACAAAA G G GAA $\ln$ AGGGGAAAAAGGGAACAACGAAGAGGGAGAGAGAGGGAGAAGA G G GAAAACACGGGAGGGGAAAGGGGGAACAAAGGGGAGAGAGACGCAGG AAAAGAAGAGAGGGAGGCCAAAGACACAAACAAGGAAGGAAGGCCCCAAG AAAGAGAAAGGGGCAGGAGGGGAAAAACCAGGCCCAAGGGGAAAAAAGGA AGAAGGGGGGAAAGGAAGGAAATGGCCGGGAAAAAGGGACAAAGGAACCG GAAAACACAGGGGTAAGAACCAAACGGAAGGGGAGGAAAACCCGGATTTA GAAAAGGAGGAAGGCAGGAGGGGAAAACCAGAAGACCGGGAGACCGAAGA GAAGGGAGAAACCGGAACCAAAAGACAGGGGGGAAAGGGGGAAAGGGAGA AAAAAGGCACCAAAAGAAAGAAGCCGGCGCCGAGGGGGGAAAGGGGGAAA ACCAGAAAAGGAGAGGAGACCGAGGGGCCCAAAAAGGAAGAAAAAAAGGG AA $\operatorname{A} A G A G A A G A A G T A G G A G A G A G G A G A A A G G A A G G A A G G G A G G A A G G G G$ G G G G A G A GACGGGGAAAGAGAGTAGAAAAAACGGGGAAGGAAGGAACCCC G G G A G G AAAA $\ln \operatorname{GGGGGGGAAAAAAAAGGGGAACCAAAGGGGACCGGGGG}$ GCAAAGGAAAGAAAGGGCAAAGGGGAGGGGGGGAGGAAAGGAAGAACGG G G G G G GAACCAAGAGGAAACAACCGAAAGGAGAGAAGGGGAGAAGGGGCC AAAGAAAGAGGGAGAAAAAAAAGAGAAGGAAGGAGAGAACAGGAGAAGGG G GACGGAAGGAGGGGAAGATAACCAGGGACGAAGCCAGGGCAGAGAAAAA AAAAAGAGAGAAGAAGGGGGAAACAGACAAAGGAAGGGAACCGGGGAAAA AA G G G GCCAAAAGGGGGGAAGAAAAGAGAAAGAGGGCCAAGGAAAAAAAA GGAAGGAAAGGGGGGAGGAGGGAGGGAACAAAGGAAAAAAGGAGGGGGG GAAAACCCCAAAAACGGAAGGCCCCGGAAGAAACCAAGGGAAAAAGGGGG GACAAGAGGGGAAAAAACCCCGACAGACCGGAACAAGCCGGAGGACAGAC CGGGGAAGGCCAGAAGAGGAAAGAAAAGGCCCAGGAGGGAGGAGGGGGG AGAAGGAAGGAAAAAAAAAAGGAACAGGGGAAGGGAGAGGTTAAAAGGGG CCGGGGAGGAAAAGGAGGCAGGAGGAGACCAAGAGGGGAAGACAGGGGA ACAGGATAGGGGAGGGGCCAGCAAAAAAGAAGGCCCACCGAGGAGGGGGG GGGGGAGCCGAGAGAGGGGAAAAGAAAGAGGGGAAAGGACCGGAAAGAG AACCGGGGGGAAAGTTGGAAGGAGGGGAAAAGCAAAAACAGACCAGAGCA GAGGGAGGAGCCGGGGGACAAAAAGGGGAAAAAAAGCAAGAGGGGGAAA GAACAAAGGCAACAAGGGGCAGACACCGGGAGGAGAAAAAGAAGGGGACA AGGAGAGAGGAAAGAAAAGAAGAGGGAGAAAAGCCGGGAGAAAGAAGCGA CAGAAGGAAAAGGAGGAGGAGAACCGGGGAAGGACAAACAAAAAGGGAAA AGGGACCGAAGGGGGGGTTAACCAAGGCAAAGACCAAGGAAGGAGGAGGG G G G AAAAAGAGAAAGGAGGAAAAAAACAAAAGGAAGGAAAGGGGGGGCCG AGGAGGACAGGCCGGCCGGGGGGCCCCAGAGGGGGACAGAGGAGGAAAG AGGAAGGACAGACCAGACAGAAACAGAGAGCAAAGGGGAAGAAGGAGGAG A GAATTAAAAGAGGCCGAGGGGCCGGGGGGCCGGCAAGGAGAGGAACCG GAAAAAAGGAGAAAAGGGGAGAGAAGCAGAAAAAGGGAAGGGAGGAGGAA AAAAAAGAACCAAGGCACACAAGGGGGGAAAGAAGAGGAGAGGGGCCGGA ATTAAAAAAAAGAAGAACCAGCAGAGACAAAAAGGAAGGCAGAGGGAAAG

GACAAAGAAGAGGACGCGGGAAACCGGAGCCAAAAGGAACCCCAAAGCAG GCCCCGGAGGGGGGAGGCCAAAGAAGAGGCCAAGGAAGGGGAGAGAAAA GGCCGAAGGGACCAGACCGGGAAAGGGAGGAGCCGGAGGGCCAAGGCCG GGAAAAGGGGAGAGGCCAGGAGAACAAGGGGGGGGGGAAGCAAGGGAAC CCAAACGGAAGGAAGGGGAGAAGGGGAAGGGGAAGAAAAAGGAGAGGAA GCCGAAAAAGGAGAATAGGGGAAGGAAAAGGAAAAAACCGAAAGAGCGGG AAAAAGGAAAAGGGGCCGGAGAGGCGGGGAAAAGGGGAAATAGGAGGAG GGAGCACAGGGGAAGGAAAGGGGAACAGGGAAGGAAAAAAACAAGGGAAA AA G GAAGGGGGGGGCAGGGAAAGAGGGAGGAAGGAGGGAAAGTTAAGGC CAGAAAGGGGGGAGAAAAACAGGAGCCAAAAGAAGGAGGGGAAGAGAAGA AAAAGAAAAAAGGGAAGGAAGGGAAAAAAAAACACGAAGAAAAGAAAACC CAAGGCCGGAGTTAAGAGAGAGAACAGGGGGGACAAAAAAGGAAAAGGAA GAGAAGGGGAAAGAGACAGGGCCAAAAAAAAAGGGAACCGGAAAGAAAGC AGAGGGGAGGGGGAGAAGCGAAAAAAGCCGGAGAAGAAAAGGGAGGAGG AAGGGGAGGGAAAAGGCAAGAAGGAACACCGGACAGAGGAGAGAGAGAAA AAGGCAGGCCCAGAGGAAGAGGGAGGGGAGCCAACCGACCGGAGGGGAAA CCGGCCGGGGGGAGAGGACGGGGGGGAGACGGAGGGGAAGAGGGCAGGG GAAAAAAGGAAGGGGGGGGAAGGAAACAAAAGGAAGGGGGGAGCCGAGG GGGGGGGGGGAGAGAGAAAAGAAGGAGGCCAAAGGAGGGAAGAAGACAA AAAGGGGAAAAACACAAAAAAAGAGAACCGAAAAAGGAAAAAAAAAAGGG AGGGACCAAGAACGACCGGGGAAAAAAAAGGAGGGTAAAAGAAAAAGAAG GGGGGGGGGAGAAAGAATTAAAAGGAAAAGGGGGAGGAAGAAGGAACAA GAGGAAGGGGAGAGGGACAGACGAAGACGAAAAGGAGGGAAAGGGGAGA AAAAACAGGAAAAAGGGCCGAGGGGGGGAAGAGGGGGGGCCAGGGCCAA GAAAGGGAAGGGGGCCAAGGGGAAAAAGAGGGAAGAGGAG $22015000-9$ GAGGAGCCGGAGAGAGAAGGGGGAAAAAGGAGAAAAGGGAGC CCCCAAGGGGGGAAGGAAGGGAGGCCAAAAGGAACCAAAAGGGGAAAAGG AACCGGGGAAGGCCAAAGCCGGGGAAAGACAAAGAAAGAAAAAAGGAGGG GGCCGGGGAAGGGAGGAAAAGAAAAAGGAAAGCCGGGGCCGGGGAAAAAA AAGGAAAAAACCGAACGGACAAGGGAAAGGAGGAGAAGAGAGACGGCCAG AA G G G GGAGGGGAGGGGGGGGGAAGAAGAGGCAATTGGAAGGAAAGGAG AGGAACCGGGAAAGAGGAACCGGAGGGCAGGCAAGGAAAGAGAAAAGAGA AAGGGAAGGGAGGCAAGCCAAGGGGAGAAAAAAAGAACCAAAAAAGAGAA GGAGGGGCCGAGCAGAAAAGGAAGGAACCAGAACCCCGGGGAAGGAGAAA GCAAAAGTTGAAGAAGGGGGAAGAACCAAGGAAAAAACCTTCCAGGGCCG GGGCAAAAGCAAGGAGGAAAACAAAAAGAAAGGAGAAGAACGGAAGAGGA AGGAAGGAAAAGGCAGAGGGGCCGGAGGGAAAACCAGAAGAGAACGAACA GACGGCAGGAAAAAAGGAAAAAAGGGGGGGGGGAAGAGAAAAACCAAAAG GGGGGGGCCGGGAGGAAAAAAAGGGAGGACAAGAAGAGGAGAGGACCCA GGAAAAGAAGGAAAGAAAAAAGGGCACCCCGGAAGGGGGGGAGGAGAGCA AGAAGAAAAAAAGACCGGAAGGGGCCAAGGGAAGGGCCGGATAGAGGAAG GGAAAAACAAAAAAAAAAGAAGGACATTAACCAAAAGGAGGGGCGAGAGG AAAAACCCGAAGAAGGAAACGGGGAAGGGGCCAGACAAGGCCGGAACAAA GGAAAAAGAAACGGGGAAAAAAAAAAGGAAGGGAAAGGGGCCAAAAGGAG AAGGAAGAGGGGAAAACCAAGGAAAAAAGGGGCCAAGAGGAACCGAGATA ACAGAAGGAAGCAAAAAAAGAGAAGGGGGGACAAGGAAGGGAGGAAAAGA ACGAGGTAAGTTCAAAGGGGGGAAAACCAAAAAAAACCAAGGGGAAAGAA AGGAGACCGGAAAAGGAGACGGAAGAACGAGGAAGGGAAAGGAGGAACGA AAGAAAACGGACAGGGAAGGAAGGGGAAAGGGGGGGAAAGAGAACCAGAA ACCAGGGGGAGAAGGAGGCAAACCGCCACAAACAAAGAAGAAAGGAACAA AACCGGGGAGGGCAGATAGGTAGACCAAGGAAAAGGGGAAAAAAAGAGAG GGCAGGGGGAAAAGCCGAAAGAAGGAGGAGAGAAAAGGCCAAAGGGAAGA GGAAAAGAGGGGAATAACGGAGGGCCGAGGAAAAAAAAAGAAAAAAAATT GGAGAAGGAGAGCATTGGCCAAGGGAGACAAAGGGGAAAAAAGGGAGGG GAAAGCAGAAGTAGGGGAGGAGAAAGAGAGGACAAAGGGGGAAGAAACCG GGGAAGAACAGGGGGAACGAGACGGCCAAGGGGCCAGAGCAAGAAGGCCG GCCAAAAAAAACCAGCAGAAAAGAGGAAGAACAAGAAAGAGGGAACAAGG GGGGGTTAAGGGGGGGAAAGGAAGGAAAAAGAAAAACAAAGGATAGAGGG AAGAGGGGGAAGGAGAGAGAAAGAGAAGGGGGGGGGGAGAAGGAAAAAA GGAAAAAAAGAACCGGCCAAGGAAAGAGAAAGGGGGAGGGGACCGGGGAG AAAGAAGAAAGAGACCACGGGAAGGGAGCCGGGGACGAAAGAAGAGAGGG

GGTAAGGGAAAAACCAGGAAGGAACCCAGGAGGGAGCCAAGGGGGGGGAA AAGAACAGGGAGAGAAGAGGAAAACCAAGGGGCCCCAAAAAAGAAAGAGG TTAAGAAGAGCCGGGGAACCAAAAAAGGCCAAAAAAGGGGGGGGGGGGAA AA G GAGAAAAACGGGGAAAAAACCAGGGGGGGGGGGAGGAAAGGGGAAA AGAGGACAACCAACCCAAAAAAAAAAAAAGGCCGGGGGGGGGGAAGGAAC A G A A CAA $A$ AGGGAAGGAGAAGGGGGGGACGAGGAGGGGGGAAGAAAGAC GCAGGAGGAAAAAGAACCGGAAGGAAACGGAGGGCAGAACAGGGAGAGGG CAA GCCAAAGAAGAAGGAAAAAGAGACAAGGAGAACGGAAGGGGAAAACA AAACGACCGGGGGGCCCCAAAAGGCCAAAAGGAAGGGAAAAACCGGCCGA AAAAAAAAAAAAGGAACCGAAAGGAAGGAAGGAAAAGGAAGGCCAAGGGG AAGGGGGGGGAACCGGGGAAAAGGAACCAAGGAACCAAAACCCCGGCCGG GGAAAAGGAAGGAAAAAAAAAGCCGGGGACAGAAAGAAAAAAGGAAAGGG AAAGAGCCCACCAAGGAAGGGGAAAAGGAAAGAAAAGGGAAGGGGGGAGA AAAGAAAGCAGGGGAGAAGGGGGAAAGGCCGGGAAGCAACGGAAAACAGA GGGGGGGAAGGGAGGGACGGGGACAGGAGGAAAGGGCAAAAGAAAGAGC CAAGGAAGAGACCAAAGAGCCAAGGAGGGAAGAAAAACCGGGGAACCAAG G G G G G G G G G G G A A A A GAGGGGGGAAGGCGAAAGTTAAGGGAAAGAAACA CCAGGAGGGGAAAAAACCGGGAAGAGAGGAACGAAGGACAGAAGAGGAGG AA $\operatorname{l}$ GAAGGGAGGGGCCCAGGAGAGAGCCAGGGGGAAGGAAAAAAAATTAA AAAGCAAAAGGGGGGGAGAGAGAGGGAAAGGAAGGAGGACGAAAAAAAAA AAAGGGACGGGGAAAAGGAAAAGGCCAAGAGGGAGAAGACAGAAGAAAGG AAAAGGAAGGACAAGGAAAAGGAGGGAAGGAAGGAGAAAGAACCGAAGGA G G G G G G ACAAAAGGAAGGGGAAAAGGACAAAAAAGGAAGGCCGGGGAAAG G G G AAAAAAAAAAAAAAAGAACGAAAGGGGAGAAGAAGCAGGGAGGGAAA AA $\operatorname{HAGGAGAACCGGGGCAGGAAAGCCCCGGGGCCGGAAAGAAGAGGGAG}$ GAAAAGGCCAAAAAAGAGGAAGAGGAAAAAGGGAGGAAGGGGGCCGGGG GGAAAGCCAACCCAGGAGGATTGGGGAAGGGGCCGAAAGAAAGGGGGAAG G G G G G G G G G G G GAAAAAGGGAGAAGGAAGGGAGGCAGAAAAAAGGAGGG GATGGGGGGAGAAGGGGGAAAAGGGAAGAGACCGGGGGAGGAAAAGGGG GGAAGGGGCCGGGGAAGGAAAAGGAACCAACCAAGGGGAGGAGGGGAGA GAAAAAGAGAAAGAGGGGGAAGAAAGGGGCCGGGGCCAGGGGAGAGAAG GGAAGGGAAGAGGAAAAAGGGGGGAAGGAGCGAAAAAAGACCAAACGGAG AAAAAAAGAGAGACAAGAGAGAGGGGAAGAGGAAAAGGGAAAGAAGAAGG AA G G GAAAGAAGGGAGGAAGAAAAAAGAAAAAAAAAGGGGGGGGAAGGAA G G G GCCGGGGGGGGAAACAAGGGGGGGAGGGGGGAAAAGGATAAAGCCG AGGAAAAGGACCGTAGGGGAAGGGAGAAAGGGGAGGGGGGGGGGGGGAA GAAAGGACAAAAAAAGGAAAGGGAAAGGATGAAAACGGAGAAATAAGAAA ACAGGGAAGGGGGCAGAAGAGGGGAGAAGATAGGAACCAGAAAAAAGAAA AAAAAGGAAACCAAAAGGAAGAAAAGGGAAGGAAAGAAGAACAATTGGAG AGAAAAGAGGAAGGGGGGGGAAAAAAAAGAGGAAGGAAAAGAAAACAACC G GACGAGGGAGGAAAAGAAAAGACGGACAGCAAAAAGGAAGGGGAAAGGG AAAGTTCCAAAGAAGAAACCAGGAAAGGAGAGAAGAAAAAAGGAAGCCAC AAGGAAAAGGAATAAAAGAGAGGAACAGGGGGGGGGAGGGGGCACAGGA GGGGGGGCCGAAGAAAGAGGAGAGAGACAAGACAAGGAAAAGGGGGGAA AAAAGGCCCAACAAGGGGAGCCCCGGAGGGCACACAGAAGGGAAGGAAGG AACCCAAGAGAGGAGGTTACGGGGAGAAAACCAACCAAAAGGAAGGACCC AACCGGAAAAAAAGGAAGCACAAGGAAGAGGGAGAAAAGGGAGGAACCAG AAAGAAAGAAAAAAAAAGGGAGCAGAAGGAAGGGCCAAAAGAGGAACCAA AGGGGGGGGAGGAAAACCGGCCGGGGAAAAGGGGGGACGGGCATAAAGG GCAGGGAGAGAGGAAGGAAAAAAAAAAAAGGGAAGGGAAAAAGACAACCA AGAACCAGAAGAGGGCCGGGGGGAACCGGGAGGGGAGGGGGGGCAGGGG AAAGACAGAAAAAGAAAAGGACGGCCGAAAAGAAGACCGGTTAACAGGAG GAGAGGGGAAACAGAAAACCAGGGGAAGAGGAACAAAGGAAGGGGAGGAG AGGAGGCCAGAGAAGGACGAAGAAGGGGGGAGCAAAAGAAAGACGGACGG ACAGAAGAGGGGAAAAGGAAAAGGCCGGACGGCCGAAAAAGGCCAAAACA G GAACCAAGGAAGGCAGGAAGGGGAACCAGAGGGAAACAGGGAGAGAGAG AAAGAGGGAAGGCCAAGGGGGAAAAGAAAAGAAGCCAAAAAAAAGGAAGG AAAAGGAGGGGGCCTTAGGGGAAAGGGGGGGGAAACGAAAAGTACAAAAG GGCCAACCCCCCGAGAGACCAGAGAAACAAGGGGAAAAAAGGGGAGGGGG GGCCAAAGAGAGGGCCCCAAAAGAGACCGAGAGGGAGAGAGAAGAACCAA AAGAAAGAAAGAAAGAAAAGAGGAAGGGAAAGGGAACCGGCAACGAGGAG

GAAGAGGGGAAGAAGGGGCACCGGGGGAGGAAGGAAGCAAAGGGGACCG GAAAAGGGGGGGGAGAAGGGGGGAGGGGGGGAAGGGGCCAAGAGAGGGG GAAAAGGAACGGAGAACCCCAGGATTGGAAGAGAGGGAGAAACAGACAAA GGGGAAAAAAAAAGACAAAGGACCCCGGAAAAAAGGCCGGGGAACCCAAC CGGGAAAGCCGGGGGGGGGAGGAAGGGGCCAGAAAGAAAGAAAAAGGGA GGGAAGAGGCCGGAAAAAAAAGGCCAAAAGGAAGACCGGGGGGGGGGAAA GAAAGAAGGAGACAGAAAGAAACAGAGGGACAAAGAGGGAAAAAGCAGAG AGGAAAGAGGAAAGACAGGCCGAAGCCAAGGGGAAGGAGAAGGAAAAAAA GAGAGCGGGGGAAAGGGGGCCAAGGGGGAACTTCAGGATAGAAATAAAAG GAAAAAAGGGGGGGGGGGGGGGGAAGGGGAAAAAAAAGGAGGGCCGGAG GGAAAAGGGGAGCGCCCCAGGAAGGAAAGGAAGGAAGGACGAAGCCGGG GAAACGAGGAAGGACAGGGAAGAGGAACAGGGGCCAGAAGAAAGAAAGGA GGGGACAAGAAAAGAGGGGGAGAGGCCAAAGCCGAAGAGAAGGGAAAGGA GAGAAAAGAGGAGGGGAGAAGAAAAGAGGGGAAGGACGGCCAGAGACAGA GCCAGAAAAGGAAGGAAGGGAGGAGGGCCGAGGAGAAAGAAGGAAGGAAA AAAGAAAGGCCTTACACGAAAGGGAGGGGAACCAAAGGGATAAGGGGGAG GAGGAAAAAAGAAAAAAAGAAGGCAGAGGAGAACAGGAAAAAAAAGGCAA GGAAGGGCCGGGACCGAAGGAAAAAGAACAAGAACACAAGAAAAAAAGAG GGGAAGGAGGGGGGGGGAGAGAAGGGGGGGGGGACGGGGGGGAAGAGCG CCAGAAAAGGGGAAGAGAAGGAAAAAGGGGAAAAGAAGGGCCGGAAAAGG AAGAGGGGGAGGAAAGAAGAAAAAGGCGCCAAAGAAGAGGGACAAAAGAG AAAGAGGGAAAAAAGAAAGGGGAAGGAAAAGGGGAAAACCGGGGAAACAG AGATAAGGAAAGAAGAGGGGGGCAGGAAGGGAAGGGGGAAAAGGCCAACC GAAGGAACCACAGGAACCCCAAACGGAAGGAGAAAAAAGGGGAAAAGGCA AA $\operatorname{laxA} A \operatorname{GGG}$ GAGGGAGGAAGGAAGCGGAGAAAGGGGGAGAGAGCGGAA GCCAGAGGAGGGGAACAGGAAAGGAATGGGGAAGAAGAGGAAGGGAGAA AGCCAAAACCAAAAGGGACAAAACAAGGGAGGAGAGAGGGGGGGGGCCAA GGAAGCAAAAAAAAGGGGAAGAGAAGAAAGGGGGGAGAAGAAGGCCGAAG ACCCGGGGAGGGAAAAGGAAAAAAGGAACCGGAAAAGGGGAAAAGAAGGG AGGGAGCAAAAAAAAAAAGGCCAAGGGGGGGAGGAGCAAGGGGGGGGGA CGGAAGAAGAGAGAGAAGGAGAACCTTGGCCCCAGAAACAACAGAAAGGG GGAAAAAAAGGAAGAGGAAGAAAAAGGAGGGGAAAGGGGCCGGCGAGGG AAAAACAGAGGGAGGGAAAGGAGGGGCCAGGAGAGACCGGGGGGCCGGA GAGGGAGGGTTGAAGGAAGAAGAAAGGGGAACCAAAAAAGGAAGGAAAAG AGAGGCCGCGCGGAAAGGACCAGGAAGAAGGGGAAAAAAGGAACCGGAAA GCCACGAAAAAACGAAAGAGGGAAACACAAGGGGAAAGGGAGGAAGATAA AAAAAAGGCAACCGGAGCCGACCGAAAAGACAAGGAACCGGGGGGGAAAA GCAAAGGGAGGAAAGACGAAAAAGGGGAACCCCAGACCCCCGGAAAGGAA AGAGGTTAAGGAGACGGAAGAAGGAGAAACAGGGGAAAAGAAAGAAGGAA GAGATAGAAAAAGCCAAAGAGAAGAGGAAGAAGGAGGGAAAAAAGAAAGG GAGCCGGAGGAAAAGGGGGAACAGAAAGGAGGGGGGAGGACACAGCAGG CGAAGAAAGAGGGGAAAGAAAAGAAACAGGAAAAAAAAAGGAGAAAAAAA GAAAGAGAAGAAGAAAAAGGGGAGGGGAAGAAGGACGGGGAGGGAAAGA AGGAAGGGACCCCGGGGAAAGAAAAAAAAGGAGCCGAGGGGAAAAATGGA CAGGGAAGGAAAAAAGAAACGGGAAAAGAGACAAAAACCACAGAAGGGGC CAGGAAGACGGAAAAGGGGCCGAAGCAGGACAAGGAAGGAACCGAGGAAA AGACAGGCCGGGGAAAAAACCGGGGGGGGAAAAGGGGAAAAAGCCGAAGA CGAAAAAAAAGAACCTAGGGGCCAGAGGGAAAAAGAGGGGAAGAAGAAGG GACGGGGGGGGGGAAAAGGTAAGGAAAAAGGGGAAAAGGAGAGGAGGGG AA G GAAAAGGGGGGAAAAAAGGGAAAAAGGAAGGGGGGGGGGAGGAGGA AGGCCAAGGCCAGGAGAGAGGGGCCGACAAGACAGAAGGAAAAGGAAAAA AAGTTAAAGCCAAAAAAAAAAAAACAAAGAAACAAAACAAAGGGGGGCCAA GGCCTTCCAAGGAAGGAAAAAAGGACGGGGCAGAGGGAAGAAAAAGAAGG GGATGGGGAAAGAGCAGGAACCAGAAGACCGAGAAGGGGGGAGGGGGGC CATAGGAAGAACCGGAGAAGGGGGGAAGAAGAGGGAAAAAAAGGGGGGG AAAAAAGAGGGACAACGAAGGAGGGGAAAGACCACCAAGGGGGGAGGGAG CAGGGGGGAAAGAAAGGGGGGGAAGACCAAAAACGACCGGAAGGAAAAAG GAGACCGGAAAAGGCACAGGAAGGAGCCGGGGAAGGAGTAAGAAAAGGAA CCAAGGAAAACGAGTAGGAGGAAGGAAGAGAAAGCCAAAGAGAAAAAAAC AGAGGAAAGACACATACCGGGGAAGGTTAAACACAAAGGACCAAAAGGGG GGGGAAAAAATACAAAGGAAGGGGAGGACAAGAAGGAAGGGGCCAGCACC

G G G GAGAAAAGAGGGGAGAAAGGGGGAGAGGGGAGGAAGGAAGGAAAAA A GAGGGGGGAAAAGGGAGGAAAAGGGGGGAGGGGAGGGAAGAGAGAGAA GGAAAAAAGGAGGGAAAAAAGGAGGGAGGGGGAAAAAAAGGAGGGGGGG GAGTTGGAATTGGAGGGAAGGAAGAAAAAGAAGCCAAAAGGGGCCAAAAG GAACCAGAAAATTAAAAGAATTAACGGAAGAGGGGAAGGAGAAAAGGAGA AGGAGTTCCAGAGACAGTACCGGGAAAGGAAAGAAGACAAAGGAAACGAA AGACCAAGAGAACGAGGGGAGAGAGGAACAACAAACAGGGGCAAAGGAAA A G GAGGGGGAAACCGAGGGCGGAGAAGGGACAAGGGGAGGGGGAACCAA G G G GAAA G G GAAAGGGAAAGAAGGGAGGAACCGAGGGGAACAAGAACCG GCCGACCGAAAGGAAAAGGGGGAGGGGAAAACAAAACAGAGAGAGAAGGG G G G G G CAGAGGAAAAGAGGAAGGGGAACCGAATAAACGGCCAAGGAAAAA AGGAAGGGAAAAGAAAAGGAAGAGGGGGGCCGGGGAAGGGGAGGCAAGG GAGACCGGAGGGCACCAGGGGGGGAAAAGAAGAAAAAAAGAGGGAAGGGA AGAGGAGGGGAGGGGGGGGGAAAGTAAAAGAAAGGGCAGGACAAAGAGC CGGATGGAGGGACAGAGAACCGACCAAGAAGAAAACCACTAGGAATTAAA AAAAGCCGGCCGGGGAAGGAAAAAAGGGAAAGGGGGGAGGGGGAAAGGG AAGGAAAACCGACAGGGAGGAAGGACAGAAAAAGGGGGAACCGGAAAACC
 GAGAGGGCAGGAAAACCAACACAAAAGGGAGAAAAAGGAAACCAACCGGT TAGAAGGCCGGAAAAAAGGGACCAAAAGGGGGGAAAAAAAGGGAAGGGGA AGGAAGGGGACGGAAGAAGAAGACCCCCCGACATTAGGAAGAAGAAGCAG AA GCAAGAGGACCAGAGGGGGAAAGAAAGAGAGAGAGCAAAGGAAAGAGA GAAAACCCCGGGGGGGGAAGGAACCAAAAAAGGCCAAAAAGAACCGAAAA CAGGGACAGCCAAGAAAAGAGCCAGGGGGGAGGAAAAAGCCGGAAGGGGG GAGAAAGAAGGCGAAGGGGAACGAGCCAGAAAACCAGTAGAACGGACGGA AAAGGAAAAAAAGGGGGAGAGCCGGGGAAAAAAAAGAAAAAGGAAAAAAA AGGACAGAGGAGGAAAGGGGGAAGGCCAGAGCGCAGAGAGGAAGGAAGA A GCCGGGGGGGGAAGGAGAGAGAGGAGGGAGGGGAGGGGCAGGGGGAAG GAAAAGAACAAAAAGGGCCGGAGAAGGAACCTTAAAAAACCGGGGAAAAG AGAGGCAAAAAGAAAAAGAAACCCAAACAAAAGGAGGAAAAGGGACCACG AAGGAAAGGCCAAAGGACAACAGAAGGCCGGAAAAAAGGCCAAAAGGACA GAAAAAAAGCCGGCCAAAAGGCCGGAAAGGGAAGGGGGGAAGGGGAAGGC CAAGGAAGGAAAAAAAAAACCAAGGAAGGCCGGGGACAGGGCGAGAGGAA GACAGAGAAAGGAGCGACCCACCGAGAAAGAGAGGGGAGCCGGCAAACAG GAAGGGGGGATAAAAAACCCCGGCCAGGAGAGACCCAGAGGAAAAAGGAA AAAAAGAAAAGAGTTGAAAAAGGGAAAGGGGGAAAAGGGCAGGCCAGGAG A G G G G G G G G G ACCGGAACCAGCCGGTAGGGAGGCCAGAAGGAAACGGGA GAAGAGAGGGGGAAAAAGCCGGAGAAGGAAAAAAAAGAGAAGGAATCAAA GAAAGAAGGGAGAAAAAATTGAAACCGGAAGAAAAAAAGAGGAGACCCGG ATAGAACACAAAGGGGGCAGAGGAGAGGAGGGGCGGGAGGGGAGAGGAG AGGAACCAAAATTAAAAAAAAAAGGGAAGAAAAAGGGAAAGAAATGGGAA AAAGGGAAAGCGGAGAAGAGGAGGGGGAACCGGGGGAGCGAAGCCGAAG CCAACCGAAGGGCCAGAGAAAAAAAAGGGGAAGGGGAAGGGAGACCAGAG GAGAGGAAAGAAAAAAAGAAGAAAGGGGAAAAAGAGAAAAGGACGAGGCC AAAAGGACGGAAAATTGGGGGGAAGGAAAAGACCGGAACCAAGGAGGACG AGAACCAATTAAAACCGGAAGGAAAAGGAACCAAAAGGGGGGGGGGGGCC G G G G G G G G G G G GAAAACCGGAAAAAAGGGGGGAAGAGAAAAGGAGGCCC AAGAGAGAACACCGGGGACAGGAAGAGGAGGGGAGGAAAAAGGAAAAGGA A G GAA $\operatorname{A}$ GGGGGAAGGGGGGTTCAAGGAGGGGGGCCAAGGGAGGGGAACG CCAAAGAGAGGGAAGGAAAGAAGGAGCCGGAAGGAGGGAGAGCCAAGGG G G G GA GAA G G G G G G G GAGGAACCGGGGAAGAAGGGAAAAAACCAAAAAA G GAAAAGGAAGGAACCGGGGCCAAGGAAAAGGGGAAAGGAAAAGGAAGAG G G G A G G A ACAAGGGCCAGGGAAGGGGAAGGGGGGGAAACCCCCAAAAAGA AGAGACAAAGTAAAAGAGAAAAAGTTACAACCGGGGGGAAGGCCGGAAGG G GAA G G G GAAAAAAAAAAGGAAGGCCGGAAGGGGAAAAAAGGGGGGGGG GAACCAAAAAAAAGGGGAAAAGGAAGGAAGGGGAAAAGGAAGGGGGGGG G GCCTTGGGGGGGGGGGGAAGGGGAACCGGGGGGCCGGAACCAAAAGGA AAAAAAAAAGGCCAAAACCAAGGAAAAGGAATTAACCGGAAGGAACCAAAA GGAACCGGGGGGGGCCAAGGAAGGGGAAAAGGGGAAAATTGGGGAAAAA AAAAAGGAAGGGGAAAAAACCAAAAGGAAGGGGCCCCAAAAGGAAGGAAA AAAAAAAAAAAAAGGAAAAGGGGAACCGGGGAAGGAAGGCCAAGGAAAAG

GAAAAGGGGAAGGAAAAAAAAGGGGAAGGGGAAGGGGGGCCGGGGGGCC GGCCGGGGGGGGGGCCGGCCGGAAGGAAGGGGCCAGGGGGGGAACCAAA GCCAAAGGCAAAAGGAAAAAACCGAGAGGAAAACCGGGGAGGAAAAAGGG GGGAAGGGGAAAGAAAGGGGGGGGGGGAGGGAGAAGGGGGAAGACGGCC GGGGAGGGGGAACCAAGGAAAAAAGGCCGGGGCCGGGGAACCGGAAAAAA GGGGAAAAGGAACCCCGGAACCAAAAGGGGAAAAGGGGAAGGAAGGGGG GAAGGAACCAAAACCGGGGGGAAAAGGGGAAAAGGAAAAGGGGAAAAAAG GGGGGGGCCAAGGAAGGGGGGAAAAGGGGGGAAGGAAAAGGAAAAAAAA GGGGAAAAAAAAAACCCCAAGGGGAAGGGGGGAAAAGGCCAAGGGGAAGG GGAAAAAAGGGGGGAAGGAAGGAAAAGGAAAACCAAAAAAAAAAGGCCGG AAAAAAGGCCGGGGAAAAAAAAGGAAAACCGGGGGGAAGGAAGGGGCCGA AAGGCCGAAAAAAGGAAAAAGAGGCCAAGGGGAAGGGGGGAGAGCCAGGG AAAAAAGGAGGGAAGGGGGAGGAGGGCCAAAAAAAAAAAAGGGAGACCGA AAAGAAGGAAGGCGAAACAAAGGAGAGGAAGGCCAAAAACAAGGAAGGAC GGAAGGGGGAAAGGAAAGAAAGCCGGAAGGGAGACCGGGGGGAGGAGAG AGGTTGGAAAAGGGAAAAACCGAAGAAAAAGGGCCCCAGAAAAAGAAAGA GGGCAGGGACCGAAAGAAGAAGGAGAGGAGAAGGAGGAAAAAGGGGGCA AAGGGGGGAAAGAGAAGGAAGGAAAAGGGGAAAGAAAAAACAAGGCGGAG AGAAAGGGGGAGGGAACCAGAGAGGGGGAAGGCCAAAAGGGGCCAAAAAA GAAGGAAAGGGAAGAAGGAAGAAGGAAAAACAAACAGGAGGGGGAGAAAA AAAGAAGGGGGAGGGGGGAGAGCCGGCCCCGAGAAAGGGGAAAGAAAGA GAGAAGAAAGAAGAGAGAACCAGAAAAAGGGGAGAAGACAAGAAGGAGAG AAACAAAAAAACAGGAAGGAAGGAGGGGGAGGGGGGAGGAAGGAAAACGA GGGCCAAAACCAAGGAAGGAAAAGGGAAAAGGACCAAAGCCAAAAAAAAC CAAAAAAAAAAGAGGAAGAGGGGAGAAAAGGAAAAAAGGGGGAAACCAGA CAAGGCCGGCCAGGAAGAAGGAGGAAAAAGGGAGGGGGGACAAAGGGAAA AGACCAAGAGAAGGGGAAAGGAACCAAGAAAGGAAAAGGAAAGAAGGACC CGGGAAAGGGGAGAACGAGAGACAAGAAAAAAGAGGGGAAGGGCAGGAAG GAGGGGAAAAGGGAAAAAGAGGGGAGAAAGAAAAGCAAGAAAAAGGGGGA CGGAGGGCCGGCAGGAAACGAGAGGAACCAAAAAAAGAGAGAAGGGGGGC AGACCCCAGGGAGGGGGGGGGAACCATAAAGCCAAGGAGGGCCGGGGAA GGAAGGAAGGGAGGAGAAAAGGGGAAGGGAAAGGGGAAGGAAAAAGAGA A G G G G G G G G G GGGGGAAAAGGAAAAAGGGGGGAAACCAAAGAGTACCGA AAAAACAGGGAAGAAAAAAAAAGGAAGAAAAAGGGACCGAGAAAGGCAAG AAAAGGGGAGGGAAGGAAGGAAAAAAAAGGCCCAGGAGGAGGGGGAAAG GGGTTGGAAAAGAAGAAAAAGGGAGGATTAACCAACCCCCCAAAAAGGGG GGGAAGGGACAAAAAAGGAAGGAAGGGCCGACACCGGAAGGAAGGGGAAG AGGAAGAGGGGGGGGGGGGAAAAGGGACAAAAACCGGAAAAGGAAAACCA AAAGGCCCCGCGACCGGAGAAAGGACAGAAGAGACGAACGAAGCAAGAAA AAGGGGGCAAGACAGAAGGGGAACCGGAGGAAAGGAAAAAAGGGGAAGG GAAGGAAGAAGGGGGAGAGGGGAAAAGGCCACGAAAGGAAGGAAAGCGAA GGGGAGACAGAAAAAAGGCGAACAGGAACCGAAGGGAGGGAAAAAGGGCC AAAAAAAAGGAACCAAAGCAAAAGAAAAAAAAAAGGAGGGAGAGGGAAAG AGAAAAAAAAAGCCAAGGAAGGGAAAAGGGGAGGAAGGGGAGAAGGGGGA GAAAAAGGAAAGAAGGGAAGCCAGAGGGGAGGCAAAGGGAGAGGAAGGCA AA G G G GAA $A$ AGGGGGGGGGGAAAAAATTAAGGCCAAGGGGGGGGGGAAC CAAAAGGAAGCAGGGACGGCCGAAGAGAGGGGGGAAAAAAGAGCCAACCC CAGGAAGGGAAGGAAAAGGAACCGGAAGGAAGGAAAAGGAAGGGGAAAGG GAAGGGGGAGGGGAGCCCCGAAGAGAAGGGGGGGGAAGGAGAGGGGGGG AA G GA CCCGAAGGACAGGAAAGAGAGGAGGAAGGGAGGAGGGGGAGGAA CGGAAAGAAGAAGAGGAAGAGGGGGAAAAAAAAGGGGGACCAAGACCGGG GAAGGGGGAAGGAAGAAGAAAAAGGAAGGAAGGAAGGAACCTTAATTGGA AGGGAGACAAGGAGAAAAAAGAGAGGGGGAGAAGAAAGGAGAGAGAGGAC AGAAAAACAGGGGCCGGAACCGGGGTTAAGGGGCAAACCCAGACCGGGGG GAAAAAAGGAAAGGAGACAAGAAAGAAAGAGAAGGCCCCAACCGAAAAGA AA $\operatorname{laAAA}$ AGAAAAAAGGAAGGAAGGAACAAGGGGAATAACCAAACGGGAA CAGGAAAAGGGAGCAGGAGCAAAGGAACCGGGGGGGACAAAAACCGGGGG GGGAAAGGAGAGGGGGGAGGAGGGAGATTGGGGGGAAGGAAAGAGGGAG AAGAGGGAAAGGAAGAAGGGGCCCAACCAAAAGGGGCAAAGGGGAAAGGA GAGAAAAAAGGACCGGAAAACCCCAACCAAGGAAAAAAAAAAGGAAAACC AGAGAGAAAAAGCCGGCCGGAAAACCGGGGGGAAAAGGGAAAAAGGGGAA

AA G GAGGAGGGAAAAGGAAGAGAGGGCCAAGGAAAAAAGGAAGGCCGGAA GGAAGGGAAGGCGGAAAAAAAGATAAAAAGAGCCAGGGAGCAGGGGAAAA AAAAGGCCGGGAAGGGGGAAGGCGGGGAAACCCCAAGGAGGAAGAGGGG GAAGGAGAGAGCCAAAAAAGAAAGGAGAGAAAGGAAAGAGAAGCAGGGAA GACAGAGAGCAGGAGGGGGCCGGAAGGGGAAGGGGAACAAGAAAAGGGG
 GGGACGACAAGCCGGGAAGAAAAAAACAAGGGGAAAAAAAAGGGGTTAGA AAAAAGACAAAAAAACCAAAAGGGGGGGGAAGGGGGACCGAGGGGAAGGA AAATTCCCCAAAGGGGGAGAAGGAGAGGACCGGAACAAAAACCGGGGAAC CAAGGGAAGAAGGGGGGGGGACCACAAAAAAGGCAGAATGGGGAGAGAG GAGAGGAAGGAGGAGAAAAAGACCGAGGAAGGGGGGAAGACAGGGGGGG AGAAGGAGAAACCAAAGACGGAAAAAGGGCCGGGGAAAAGGACGAGGGAC CGAGGGGAAGGAAGAGATAGAAAGGAAGAGGAAGGGGCCAAAAACCGAGG GAGAAGGGGAAGGAGGGGGAAAATTAGGAGAAGGAAAGGAAGGGGGGAA AAGGAACCAAGAGGGAGAGGACGAAGGGGGAAGGGGAGAAAAAAAGAGAC ATGAGAAAAAAAGGAAGGAAGGAAAAAAGGAACCCCGGGAACCAAGAGGA A GA G G GA G G GAAA $\operatorname{AAGGGGAGGGAAAGGGAGAGAACAGAAGGGGAAAGG~}$ GAGGGGAACGGAAGGGGCAGGGGCCAAGAAAAGCCCCGGAAGGAAGGGG GGTACCGGTTACGGAAGAAGAGGGAAAAGGGGAAAAAAAAAAGGTACCGG AGGGAGAAGGGGAAAAGGGGAAAAAAGGAAAAAAAACGAGAAGGAGAAGA AGAAAAGGAAGGAAAAGGGAGGAAAGGGGAAAAAGGGGAAGGAAGGAAAA AA $\operatorname{la}$ AG GAAGGAAAAAAAAGGCAGGGGGGAACCAAGGAAAAAAAACCAAAA AAGGAATTAAAAGGAAGGGGAAAAAAGGCCAGAGAAAAAAGGAAGGGGAA G G G G G G G GAAA GAGCCAAAGGGAAGAAGAGACGGCATTGGAAGGGGAAG GAAGGGGGAGGGGGGAGACAAAAACGAAGAGCCAAGGGACCGGAGAACAG GGGAGCCCCGGAAGGGAAAAAACGAGAAGAAAAGGGGGGAAGGGGGGAA AGAGGGGCAGAAGGAAGGAAGGGGAAAAGGGGGGCCGGAAAAACCCAAAA GGAAAGGAAGGGAGAGGGGGAAGAGAAGAAGGAGAGAAAGGAAGGGGGA AGGAAAAGAGAGGAAAGGGGAAGAAGGAAAAGGACAGAGAAAAAACCGGA AAGCAAGAAAGCAAGGGGGAGAGACGGGGGGCCAGAAGGGAAAAAGAAGA GAAGAAGGGGAAAAAGGAAAAGAACCCCCGGGGAGTTGGGAGGAGAAGGA GGAAGAGGGGGGGACGGGGGGAAAGAGAGGGAAGGCCAAAAAACCAAAA G GAAAAAAAAAAAAAAGGAAGGCCGGAAAAGGAGAGAGGGAAGGGGAAGG GGCCACAAAACAGGGAAGGAAAGGCCCAGGAGACGGAAGGGGAGGGAGAA GAGAGGGGAGAAGGACAGGGGGCCGGGGAAAAAGCCGGAGGGAACCGGA ATTAAAAGGGGGGCCGGAAGGAAGGGGAAAGGGAACCCCGAGGGAGGGA G G A A G G G G GAGGCCAAGGGGCCACGGGAGACCGGGAGGAGAAGGGGAAG AA $\operatorname{G} A \operatorname{AGGGGGCCCCGGGGGGGGACAACCAACCAAGGGGAACCAGAGAGGG}$ G G G G G GCACACGGGAAAAGAGGGAAGGGGGGAGGCCAAGAAGACACGGG GAAAAGGACCCAGAGGGCAAGGAAGGGAAGGAAGGAGAGAGGGGGCCGG CCGGGGGGAGAAACAACCGGCCAAGGGGGACCAAAGGGAGGAACGGAAGG CCGGGGGGGGAAACGGGGCCGGAGAAGGGGAAAGGGGGCCAGAAGGAAC C G G G G G G G G A A A A G G G G G GAAGGGGAAGAAAAGAAAAAAAAAAAGAGAAA GCCAGAAAGGGGGGAGACCGGGAGAACGAAAGAAAACAGAAGAGAAGGGG GAAACGAGAAGGGAACCAAGAAGGGGGAAAAAAAGAGGGGGAGAGGGAAG GAGTTGGAGCCAGAAGGGACCAAGAGGAAAAAAAAGGGGAAGGGGGGAAA AAAAAGGGGGGGGCCGGGGTTAAGGGGGGAAGGCCAAGGGGGGGGCCGG AA G GAAGGCCGGAAAACCGGGGGGGGAAAAAAAAGGAAAAGGAAGGGGG GAAGGAAGGGGAAAAGGAAAAGGAAAAAAAAGGGGAAGGGGAAGGAAGAA AAAGGAAGGAAGAGGAGGAGGGAACGGGGGGAAAGGGGGGAAAAAGGGG A G G G G GAA GAAAAGGGAGACAAGGCCAAAAGAAGAGAAAAAAAAACAGAG AGGGCAAGGGCAGACCGAAAGGAGAAAGACGATTACGGAGCAAGGGAAAA GAAAGAGGGGAACGGAAACCGGGGAAGGGGCAACAAAACCAAAAGGAAGG CCGGAAGGAAAAAGTAACAGAGAAAGAAAGGAAAACGGAAAAAAGGCCCC AA GCGAGGACGAGAGGACCAAGGGGGGGGGAGAGAGACGGAAAAAAGGA GAGCCAGAAAAGAGGAAGAAAAAAGGGACAAGGGGAGAAGAAGGAAAAAG AAACAAAGGGGGAGGAAAGGAGACCAGAAAAGGGGGGGAGGCAGACCGAA ACCAAAACCAAAAGAGGAAGGGGGGAAAAGGAGGGCACCAAAAGGGAAAA AGAGACAGGGGAGAGAGCAAACGACAAAAAAAGGGAAGAAAGGACGGGGA AAAAAAAAACCAAAAGGTAAGGACGGGCAACAGAAGGGGAGGGAAGGAAC CGGAGACAAAGAAGGCCACGAAAGGGGAAAAAGGACACCAAGGAAGAGAG

AAACAAGGAGGGGAACCCCAAAAAAGGAGAGAAAAAAGGGGGAGGGGGGG GGGAAGAATGGGGGACAAAAAGAGGCAGACCAAGGGGGGGGGGAATTAAA AAAGGAAAACCGGAGCCCCAAAACCGGAAGGAAAAAGGGGAGGGGCGAGA GAATAAAAAAACCGGGACAAAAGGGGAGGGGAAGGGGGGAGGGCCGGAA GAGGAGGAGGAGAGGGAGAAGAAGGGGGAAAAGCGGGGCCGGAACCAAA AACGAGGCCACGGAAGAACAAGGGGGGAAGGGGAGGGGGAAGGAAAGAA G GAGGGCCAGAGGGAAGAGGAACCAAGGGGCCGGGGAGCAAAAAAAGGG GCCAAGGGGAATAAACCAGAAAAAGCAGGGAAAGGCGCCAGGACCCCCCA AAAAAGGAGAGGGAAAAACACCCAACAAAGGAAGAGGAAGGGGAAAAGGG GGGGAAACCAAACCAGGACGGGAGACCAGAGACCAGGGAAGACGGAAAAG AAAGGAAGGCCGGAACCGGGGAAAACCGGGGGGGCGGAAAACCAAAAAAA AAAGGGGAGGGGAGGAAAAGGAAGGGAAAGGATCCAAAAGGGGCCAACCA GGAGGAAAGAAGGGGAAAAAGGGAAGGGGACGGAAAAAAAAAAGAGGAAA AAGCCAGAAAAATCAGAAAGGCCGGGGAGGGCCCAGGGGCCGAAAGGGAG GACAAAAGGCCAGAGGAAAAACCAGAAAAAGGGAAAAAAGGGGACAGAGG GGGACGGAAAAGAAAGGAGGGGGGGAAAAAAAAGGGAGGGGGGAAAAGA GGGGAAAGCCAAAACCAAACAAAACCGGCCGGAAAAAAGAGGGGGAAAGG AACCCCAAGGGAAGAAAACCAAGGGAGAGAGGGGAGAATTAAAAACAGGG AAAACCGGGGGAAGAGCCCCGGAAAAAAAAAACCGGGGGGGAGAGGAGCC GGGGAACAGGAAAAAAGGAAAGGGGAAGAGAGCGAAAAGAAGCAAAGGGG A GAAGGGGAAAACCGGGGAAAAAAAAGGCAGGAAGACACCGGGAAAGGCC AACCAACCAACCGGAAAAGGGGAGGGGACCGAAACAGAGAATAGGGCAAA G G G G G GAAGAGAGAGAAGCAGAAGAAAAAAAACCAGAGGGCAATGGAGGA GGAAACAACCCCGGAGCCAACAGGAAGGGGAAGAGGGGCCAAGGAGAAGA GAGGAGAAAAAGGGGAGGAAGGGGAAACAAAGGAGGAAAAGGAAGGGAAA AAAGAAAGGGAAAAGAGGAAAAAAAGAACCAAGGAACCAAGGGGAAGGAA AA $\operatorname{A}$ GAAAAGGGGGGGGGGCCGGAAAAGGAAGGGGGGGGAACCGGGGGGA AAAGGGGAAAAAAAAAAGGGGGGAAAAAAAAGGTTAAGGGGAAAAGGGGG GGGAAGGGGAACCAACCGGGGGGGGCCCCGGGGGGAAGGAACCGGAAGG GGAAGGGGCCAAGGGGAAGGGGAAAAAAAAAAGGGAGGAGAGAGGGAAG GAGCCAAAAAAAAAAGGGGAAAGGGAAGGAAAAAGGGAGGAGAGAAAGAA AA GAAACGAGGGAAAATGAAGGAGGAACGGGCCGGGACAAAGGGGTTGGA ATAGGGGAGAGCAACAGAAGGCAGAGGGAAAAAGGGGAAACGGGGGGAG G G G A GAGGAAGGGAAACGGACCAAGAAAGAAACCCCCCGGAAGGGGAAGG AGTTAAAACAAAGGGGCCGGGGAAGGAAGGAACCAAGGGGGGGGAACCGG AAAAGGAAAAAAAAAAGGAAAAAAAAAAGGAACCAAGGAAGGAAAAAGGA AAAAGGGGAAGGGGGGCCGGAAAACCGAGGCGAGGAGGAACCAGAGAAG G GAGGGGAGCAGGAAGGGAAAAAGGAAAAACGAAAACCAGAAGAAAGAAA AGGGACCGGCCCCAGAGGGGAAGAACCACAAAGAGCCAGGGAGAACCCAA AGGAAAAGGAAGGGGGGCCGGGGGGAAAGGGAAAAAAATAGGGCCAAGAA GAAGGGACAAGAGCAGAAGGAAGCAAACGCAGAAGAGGGAACCGGGGAGA AGGTAAAAGAGAAGGAAGGAAGAAACCAAAAGAGGGGGGCCGGAAGGAGG A G G G G G G G G G G G GAAGAAAAACCGGGGGAAAGAGAGGAGGGAAAAAGAA AGGAGGCCAAGGGGAACAAAAGGGGGAAAGGAAGAGGGAACAGGGGGGC CGGAAGGAAGGAGGAAGGGGGGGCAGAGAGAACGGAAAAAGCAAGCCAG G GAA $\operatorname{A} A \mathrm{G}$ GTTGGGGGGGGAAGGCCGGGGAAAAAGACGGAAAACCCCGGA ACCGGGGAAAAGGGGAAGGAAAAAAAAGGGGCAAGGGGGGAGGAGCCAA GAGAGAGGAAGAGAAACAAAAGGAGGAAAAAAGGGGGGGGAAAAAAAGCC AAAACCATAGAGCAGAAAGAGGGCGGCCAAAAGGCCAAAACCGAGGCCAG AGGGAAAAGGAAGGAAGGAAGGAAAACCAAAGCCAAAGGGGGGGCCGGAG AGAGGGAGAAAACAGAACAAGGGGAGAGGAAGCCAAGGAAAAGGAAGAGG CAAAGAAAAGGGCAAAAAAAGAAAACGGAGGAGGGAGAACGGGAAGAAAG CACGAAAAGAAAGGAAAAAGGGAAGGGGAAAACAAAAAGGAAAAGAAAAA G GAAAAGGGGGGAAGGAAAAGGGGAGGAAGCCAAAACAAAAAAGAGAAGG CCGGCAAACCGAAGGAGAAAGAAGGGGGAATTGGGGCAGACAGACCAAAA CCAAAAAATTCCCAAACCAAGGGGAAGGAAAAGAGACCAAGGAAGGGGGG AAGGGGCCACGGCCGGAAAAGACAGAAAACGAACCACAAAGGGGCCCCGA GGCCGGGACCGGAGAAGGAAAGACCAGAGAAAGGAGGAGGGGGGAAAAG GAAAGGGGGGGGGGGGGAGAGCCAGACGGGGAGGAGGAAGGAAAAGGAC CACAAAGGAGAGGGACAAAGAGCCGGGGAGGGAAAACCGGAAAAAAAAAA CCGGAAAGGGGGCCAAAGGGAAAGGGCCCCCCAAGAGAGGGAAAAAGGGG

G GAGAGGGCCGGAGGGCAGAAGCCCCAGGGCCGGGGAAAAAAGGAGACG G G G G G G GA $\operatorname{l}$ CAGGGAGGGAGGGGAAGGCAAAAAGAGGCCGGGACCGGGG AAAGAACAACGAACGAGGCAAAAAAAGAGGGGGGGGGGGGAGGAAAGAAA CCACGAGAGGCCGGCCGGAGACGGGACAGAAAACGAGGGAGGAGAAGGCC GGGGGGAAAGGAAAAAGGAAGGGGAAGAGGGGGATAAAGGGAAGGAAAT TAAAAAAGAGGCAGAAGGGAGCAGACAAGAAACGGGGAGAACAGGGACGG A GAGGGGCCATGAACCCGGCCAAGGAGGAGGGGGGGGGGGGAGAACAGG A G G A G A A G A A A G GAAGGGAGACGGAAACAAAGGGGAAAGGGGGGAAAGA GAGAAAAAAGGGCGGGGAAAAAAGGGGGGGAGAAAAGCCAAAAGAAAAAC CCCACAGGGGGGGAGAGAAAAAAAGGAACGAGAAAGAAGGAAAAAGGGGG GAAAAGGCCAGCAGGAAGGGGGGGGGGAAGGGGGAAAGAAGGGAGAGGG GAAGGGAGGGGGGGGAGAAGAACCGAAGAAGGGAAAGAAGAACAGAAAAA AGAGGAGAAAGGGGAAGGGAAGGAAAAGGGCAGGAAAAACGAAAAAAGGA GAGGGGGGGGGAGGAGGGAAGGGAAGGATTAACCAAGGGGAAAAAAAAA AAAGAGGGGCCGGAAGAGGGACCAAGGAGGAGGCCGGACGAGGAAGGGG AAAGGGGAACCAGGGGGGGGGGAAGAAAAAGGAAAGGAGGGGAAGGGGG G G G G G G G G G A CA $\operatorname{l}$ GGAGAGGGGGAGGAGGGAAGGGGAAAGGAACCAACC GGAAGGCCGGAAAAGGGGGGAAAAGGAAGGGGAAAGGGAGGGGGAAGGG
 G GAACCAA G G G G GAGGTTGGGGCCGGGGAAAAGGGGGGCCGAGGAAGAG AAAGGGGAACAAGGGAAAACAAAAAAAGAGGAAAAGAGCGGAGAACCGGC
 AGGGAAGAAGAAAAAGGAAGGCCGGACCCGGGAGCAGGGAAACCGGGGGT AAACGGGGGAAGGGGGGCCAAGGGGGAGGAGGGAACAAAGGGGAGGGAA GAAGACCAAGAGAGGAAGCCGAGGGAGGCCGGAAGGAGCCGGCAGAACGA AGAAAACCAGCCGACCAACCAGAATAAAGGCCAAAAGGGAAGGGCGGGGG AGGGGGTTAACCGAAGAAAGGGGGAGGGGGGGAAAAAGTTAAAGGGAAAA G G G GAAGGAGAAAAGGCAAAAAGGGGAAAACCGGGGAAGAAAGAGGACAG CAGAAAGAGAAGAAGGGAAAAACAAAAAGAAGGGCCAAGGAGGGAACCAA AAAGAAAAGAAGGGAAAAGAGGGGGGGGGAAGTAGAAAGGGAAGGGGGA AAAGGTTGACAAAAGGGAATTGGACAGCAGAAGGGAACCGGGGAGATCCA GCACCAAAAGGAAGGGGAAGGAAAAAAGGGGAAGAAAAAAAAAGGGGAAA G G G G GCCGGGGAGAAGGAGGGGGGGGAAAAAACGAGAGGGGAAAACCGG AAA $\operatorname{G}$ GGCCGGAGGGGGAGAAAAAAAAAAGGGGAAAGAAGGAAGGAAGAGG CCCCGGAGAAAAAAAAGGGGGGCCGGAAGGAAACGAAGGACCGGGGAGAG AAGGCCGGAGGGGGAAGAAGAGCCGCGGAACCAAAAGGGAGGGAAGAAG GAAACACAAGGAAGGGACCGGGGAGGGGGAAGGGGAAAGAAAGGGGAGA GAAGGAAGAACCGGCCGGGGGGGGAAAAGGCACACAAACCCCGGGAGAGA AAGGCGAGAAAAAAGGCAAGGAGAGAAGGGCAAAGAAAGGGAACCAGGAG G G A A G G G GAA G G G G A A A A C C G A G GAGAGGGAAAA G GAGGGGGGGGGGCG GGGAGGGCCGGCCAACAGGAAAAGGAAAAGGAAGGGGAGGGAAAAGGAG GGCCGGAGGGCCAGGAAAGGAAAAGGCCGGGAGGCCGGGGCCGGAAGGG AAGGGGAAAAAAAGGGGAACCAAAAAAAAGAACAAAGCCGGACAAAAGGG GAAAAAAAAAGACGGGGAAGAGAAGGGGGGGAAACAACAAAGAAGGGAAA GGGCCAAAAGGGGGGAAAAAGGGAAAACAAGGGAAGGAAAAAACCGACCG AAAAAGGAACGAAGGAAAACCCCGAAGGGGGAAAAACAGAAGGAAAGGGG ACCCCAGAGAGGAAAGAGGAGAGGGGAGAAAGGGGGAGGAACGACAAGGA GGGAACCAAGGGGAAGGAAGGAAATGGAGAGAAAAGAAAGGAGAAGGGGA GGAACAAAGCCGAAAAAGAAGACACAGACAAGGAAGAGAGGAGCAAAGGA AA G G G G G G G GAGAAACCGGAAAGGAGGAGAAAAGGAAAAGAAAAGAAAAA AGGACAAGGGGGGGGAACACAGGGGAGAAAAAAAGAGTAAAGGGAAAATA AACAACCGGCCAAGGAGGGTACCGGGAAAGAAAGGGGAAGGGGGGGAGG AA GGCCATGAAAGAGGAAAAGAAGTAGGAAAAGGGGCAGACCGAAAGAGG G G G G AC G GAA $\ln$ A G G A G G G CCGGGAGGGAAGGGGAGGGGAAGGGGAGAAA G G G CA $\operatorname{G}$ GAA $\operatorname{G}$ GGGAAAGCCGGGGAAAAAGGAGAGGGGGAGAAAAAGGAG GGAAGGAAAGGAGAGAAGAGGGCCAACCGAAGAGCCGAGGAGAAGGGGA GGGAAAAAAAAGAGGAAAAGGAGGAGGAGGGCCAAAGCCGGAAGGGACCG GAGAAGAAAAAAACCAGCATAAAAGAAAAGAGGAAGGGGGGAGAAAAAGG GAGGGGGAAAAGAGAAGAGACAGAGCCAAGGCCAGCAAAAGCCACGGGAA GGAAGAGGGGGAAGGAAAAAAGGCCGGAAGGGGGGGGGGAAGGATAGGG GAGAAGAGCAGACCCCAAGGAGAAAACCGGAAGGGGGAGAAAACAGGAAG

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 AACCCCAAGAGGGGAGGACCGGGGGGGAAAAGAGAAACGGGGAAGGAAG GAAGGAAGGGGGACCGGCACAGGGGGGGGAAAGAAGGGACCGGCCAGGG G GAA $\ln A \operatorname{GA} \operatorname{GAGAAGCCAGGAGGGGAAAGGAGGAGAACCAAAAGGACAAAA}$ AGGGAGGGAGAACCGAGAAACCAGAGAGAGGGGATAAAAAAGGGGGGGAA G G G G G GAA G GAAGGAGAGGGGGAGAAAAAAAAAAACAGAAGAAGAGGGAA ACGGAAGAGAAAGAGGGAAGCCAGAGAGAGGGGAAAGAAGCAAAGAGAAG CAGAACCCAGAGAGGAGAGGCCAAGGCCACAAGGGGAAGAAGAGCAGGAA AGGAAGAGAGGGGGAAGGAAAAAGAAAACATTGAGGAGAAAGATAAGGAG CCAGGGGGCCAGGAAAAGGGAAGGGGGGGGGAGAGAAGGAAAAGAAGAA AGGAAGGAGGAAGAGGGGGAAAGGAGGAAAAAAGGAAGGAAAACCAACCG GAAACAAGGGGAGAGAGCCAAAAAAAAAAAGAGACGGGGAGGAAAGGAAG A GAGGAGGGAAAGGGGGGGGGCAGGTTACGGGGGGAAAAAGGGCAAAAA CCAAGGAGAAGGGGAGAAAAGAGGCCGGCCGGAAAAGGGAGGGAAGAGAA TA $\operatorname{l}$ GGGTTGAAAGGGGGGGGGGAAAAAAAAGGAAGGAAGGGGGGGGGGA ACACCAAAGAAAAGGAAAAGGAACCAAGAGGAACACCGGGGAAAAAAAAG AA GAAGCGGGAGAAAAAGGAAGGAGGGAAGATTGGCCAAGGGAAAGGGAG G G GAA G GAAAGCCCCGGAAAGGAAGAAAGGGAAAAAAAAAAGGGGCCGGA AAAGGAAAAGGCCAAGGAAAAAAACAAAAAAAAGGGGGGGGAAGGGGAAG GGGGAGGAAAAAAGGAGGAAGGGAACCGGGGGGAGGGAGAAAAGGGAAA AA $\operatorname{A}$ GAGACGAGAGGGAGGGGAAGGAAAAGGGGAAAAGGGGCCGGAAGGA AAAGAAAAGGAGGCAAAGGGAGGACAAGGGGACGGAGGACCGGCCAAGGA GAGGGGGAAAAGGGGGGGGGGCCGGAGAGGGGGGGGGAAGGAGAAAGGG GGAAAAAAGGAAGGGGAGCAAGGGGAAAGGAAGGAAGAAAAGCAGGAAAA GAAAGGAAGGAAGAGGGGGAAAAAAAAAGGAAAACCAACCGGAGGGCAAA

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 ATTGAGGGAGGAGAACAAAAAAAAAGGGGAACAAGCCAAGGGGGGCAAGA A G G G GCCAAA GCCGGGAAGGGGAAAGGGGAAGGGGAAAAAAGGGGAAGA CAATCAGAGGGGGAGGGGGAGGAAAGGGAAGGAAACGGGGAAACACAAAA AAAAAAAAGAACAGAGAAAAGGAGAAAAGGAAGGAAAAAGAAAAAGAGAC AGAACAAGAGCGAAAAAAGAGGGGAAAAAGGGGGAAAAGGAAAGAGGGAA AGGGAAAAGGCCAAAAAAGGGGAAAAATGGGGGAGGAGAAGGAAAAGAGG GAAAGGGGAAGGGGAAACGGAAAAAAGGCCGGAGGGAAAACCCCTTGGAA A GA GAAAAATGAGGGGAAGGGGAAGGACGGGGGGGGCCGGAGAAGGCAA ACCGGAAGAGAAAACGGGGGGCCGGGGAAGAAACCAAGGGGCAGGCCGAC CGGCCGGAGGAAGGAGAGGGGACGAAAGGAGAAAAGGAAAAAAGAGGGG CAAAAGGAAAGGGGGGGGAAGGAACCGGAAGAGGAGGGCCAGAAGGGAG GAAGGAAGGAACAGGAAGGGGAGGGAAGGGGACCCAGGAAGGAAACCAAC AACAGAAAAGGGGAAGAGGGGCCGAGGAAAACAGGAAGAGACCAAGAAAG AGAAACCCCGGGGCCGGCAAAGAAAAGGGAACCCCGGGGGGGGGGGGAA GAGGAAGAAAAAAAGGAAACGGGGGGAAGGGGGGAAGAAGGGGAAGAAA GAGGGAAAAAAGAGAGGGGGGGGGGAAAAAAGAAAGGGGGAGAGAAACC AAAGACGAAGGGGGAAAGGGAGCCAAGAGAAAAGGACCAAGAAGAAAACC AAGGCCAAGGAAAAAAGGACAGGAACGAAAGGAAAAGGCCAAAAAAAACC AAAAGGGGGGGGGGGGAAAAAAGGGAGGGGGACCAAAAGGAAAAAAGGG G G GAA G GAAAAAGGAGGAGAGGGGGAAAGGGGAAACCCCAACCGGAAGGA AGGCCGAAATAAAGGGAAAAAAACCGGGGAAGAAACGAAGACACCGGACA AGAAGGAAGGGGGAAAAGGAGGAAACCCCGGCCAGGGAAGGAAGGGGGG CCAGGGGGAACCCCAAGGAGAAGAAAAAAAGGAACCCCGGAGAGAAAAAA GAACGGAAGGAAAGGGCCGGAAGGAACCAGAGGGGGGAGAGGAGGGAGA GGGGGAAGAAATAAGAAGGGGGGAAGGAAAACCGGAAAACCACGGAAGGC C G G G G G G G GAAGGGGAAAAAAAGAGACGGAGAAAGAACCGGAAGGAACCC CAAGGGAGGCCCCAAAAAAAAGGAAGAGACCGGAAAGGGGGAGGAGGGGA

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 AA $\operatorname{A} A A A \operatorname{A} \operatorname{G} \operatorname{GGGGACGGGGCCGGAGAGAAGAGGGGCAAGGGAGAAGGGGA}$ A G A A G G G AA G G G G G GAGCAGGCCGGAGGACCACGGAAGGAAAAAAAAAGG GCCGGAAGGGGAACCAACCAAGGAAAAAACCAACCAAGGGGAGAAAGGGC AGGGGCATTGGGGGAGGAAAAGGGGAAAATAGAGGGACCAACAGAAGCCG GGGAGAAGAAAAAGAAAAGAACCAACCAAAAAAAAAGCAAAAAGGGGGGA AAGGAAGTACGGGAGAAGGAGAAGGAAGAAAGGGGGGAAGGGGGGGGAA GGAGAAAAACAGAGAAAAAAGGGACCGGGAAAAAAACAGACCAAAAAAGG AGGGAACCAAAAGGAGAAGAGAGGAAGAAAAATTAGCCGGAGACAAGGAA AGAAAGGATTAAAGAAAAGGAACAGGGAAAAGAAGAGGGACCAAAAAGAA A GCCCCGAGAAAGGAAGGGGGGGAGAAGGAAAGAAAGAAGCAGGACGAGA CAAAAGGGCAAAGAGGAGAGAAGAGGCCGGGGGGGGAAGAAAAAAAAACC GGAAAGGGAGGAGGGGGGAAGGAAAAGGGGGGAAAAAAAAAAGGGGAAA AAAAACCAAGGGGGGAAAAGGGGAAAAAAGGGGAAGGGGCCGGAAAAAAA AAAGGGGAAAAGGGGGGAAAAGGCAGGCCAAGGACACCAGGAAAAAGCAA GCCAAGGAAGGCCGGAAAAGGAGAAGGCCGGGGGGAGTAAAAAGGAAAGA ACCAAACGGCCGGGGGGGGAAGGGGAAAAAAGGAAGGGAGGAGCAGGGG AAGGAAAAAGAGAAAAGAGGGAGAAGGAGGCCAAAAAAGGAAGGAAAAGA A G G GAGGAGGAGAAAAGGAACCGGGGAGGGCCGGGAGGAGGAAGAACCG G G G G G A A G G A A G GAAAAAAAGAAAGAGGGAGAACCAGAAGGGAAGAAAAA GGAAAGGAAACAGACAGAGGGGGCCGGGGACAGAGGAAACCGGGGAAAAG GAAGAAGAAGAAGGGAAGACCGGGGGGAAAAGGGACCGGAGGGCAAGGG AGCCGGAACCAAGGAAGAGAAAACCCGGAAGGGGCCCCGGAACCAACCAA G G G G G G G GAAA $\operatorname{A} A A A C G A G A A A G G A A G G G G G G C C G G C C G G G G G G A C G G G$ G G G G G A G G G G G G G A G G A G A C CATGGGAGGCAAAAGAGGGAAGAAGGGGG G G G ACGCAACAAGGAAGGGGGGCCGGCAGGAGGGAAAAAGGGAAAAGGG G G G G G A A A A A G GAAGCAAAAGAAAAAGGAGGAAGAGAAGGGAGGAGACCA GG GTAGAGAGGAAGAAAGGGGAAGAAAGGACGAGGGGAAGGAGGGGGGG AAAAAACCGGAAAAGGGGAAGGCCAAGGGGAAGGAAAAAAGGAAGGGGAA AA G GAGGGGGAAGGAAGGAAAAAAGGCCCCAACCAAGGGGGGGGGGAAG G G G AAAA G G G GCCGGGGAAGGCCCCGGAAAAAACCAAAAGGAAAAGGAAG G G G G GAAAAGGAAGGAAGGAAAAGGAAGGGGGGGGGGAACCGGAAAAAA AAGGGGAAAAAGGAAAGGCAAAAGGGAGGAAGGGGACCAAGGCCGGGGAA AACAAAAGAAGGGGAAGGAAGGGAAGGGAAAGGGCCAAGAGGAAGGAAAA AAAAGGAAGGGGGGAAAGAGGGGGGGGGAAGGAAAGCCGGAAGGAAGGA GGAGGGGGGGAGAAGCCGAAGAGAGGGAAGGAGAAGGGGGGGACAGAGG AAAAAAGGAAGAAAAAAGAGCCGACAGAGGAGGAGGGGACACGAACAAAG ACAGCCGGTTAGAGGGAGAGGGGGAGAGAGGAGGAAGGGGAGAGGGGAG AAAGACAGAGAAGAAGGGGGAGGAAAAGGGAGAAAGGAAGGAGAGCCACA CAAGGAAGGAAGGAAGGAAGGAAGGGGAAAAAAAAAAGGGGGGAAGGGG CCAAGGGGAAGGGGAGCCAGGGGGGGGGGAAGAAGGAAAAAAAGAATAA GCCGGGGGGAAGGCCGGAAAAGGTTGGAAGGAAGGAAGGGGAAGGAACC
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 AA G GCCAAGGAAGGAAAAAAAAGGGGAAGGGGGGCCGGGGGGGGAAGGA A G G G G G GAAAAGGAAAAGGGGGGCCGGAAGGAAGGGGGGAAGGCCGGAA GGGGAAGGGGAACCGGGGAAAAAATTAAGGCCAAAAAAAAGGGGAAGGGA

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G G G A A G G GAAGCCAGAGGGAGGAACAGGGGAAAAAAAAAAAAAAAGAGGG AGGAAAAAAAACAAAAAAAAAAAAGGGCCAGGGAGAAGAGGCCAACCGGA AAGGGAAAAAAAAAAAAAAGAAAGGAAACAAAGAAAGGGGAGGGAAGAGA CAAGGGGGGGGGGGGAGGGGGGGAAGGAAAAAACACCGGCCAAGAGGAA GAAGGGGGATAAAAGGAGAAGAGGAAAGAGCCGAGGAGCAAGAGAAGGGA A $\operatorname{A} A \mathrm{G} G \mathrm{G} G \mathrm{G}$ GAAAAGCCGAAACCGGCCAAGGCCAAGGAAAGAAAAAAAACC A GAGAAGGAGAGAGCCGGAACCCCGGGGCCAAGGGGAGGGCCAGAAGGG AGGAAAAAGAAGGAAGGCCGAAAAGAAAGCCAAAGGAAAAAAAAAAAGAG GAAGGAACCAGGGAGAGCCCCGGGGAATAGGGAGAGAGGGGAAGGGGAA AGAGAAGGGGAAAGGAAGAGCCCAAAGAGGGGAGGCCAACAGCAGGAAGG AA $\operatorname{A}$ GGGGGAAGGGGAGAGAAGAAAAAAAGGGGGGGAAAGAAAGGAGAGA ACCGATTAAAACCCCAAAGGGGAGGCCGGAAAAAAGAGGGACCGGAAAAC CGGGGCAGACAAAACAAGAAAGAGGGGCCGGGAGGCCCCCCCCAAAAAAG AGGAACCGGGAAGGGGGAAAAGGAAGGAACCGGGGAGAAAAAAAAGAAGA GGACAAAGACCCCAGGAGAAGACAGAAAACCAAAAATGAAACCGGAGAAA AGAGAAGAAGGCCGGGGAATAAAAAGGGGGGAAGGGGAAACGGAACCAAG AAAAAAAAAAGGGGGGGGGGGAAAAAAGGACAGAAACCCAGGGGGCAGAG AAGAAAATTAGAGAAAAAAGGAGAGAAAGAGGGAGAAAAAAGGAAAGGGA GCCGGGGAAAGAAGGGAAAAGGAAGAGGGGACCAAAGGGGAAGGGCAGG AAAAAACCGGAAGGAGAAGAAGATGGAGAGGGCAAAAAGGAAAAAAGGGG AAACAAGGGGGGCCACCAGGAAGAAAAAAATACCAAAAAAAAAAGGGGGG AAGGCCAAAAGGAACCGGAACCCCCCAGAAGAGAACAGAAGGAAAGAAGG G GAGAGGAAGCGAAGGAAAAACGGAAAGAAAAGAGAGGAAAAGAGGCCGG AA $\operatorname{G}$ G GAAGGAAAGGGGCCGGGGAAAACAGGAAAAGGAAAAGGCCAAAAAG AAAGAGGGAGGGGAGAGAGGAAGGAACCGGGAGGAAACGAGGGGAACAG GAGGGCCGGAAGAGGCCAGCCGGGGAGAGGAGGGGGGAAACGGGGGGGG GGGGGGAAAAAAGATTGACCGGAAGGAAGGAAGGACGGAAAGAGAGGAAA AAAGAAAAGGCCGAAAGAAGGGGGGGGGAAAAAGGGACAACCAAGGGGGG ACAGAAGGGGAAGGAGAAAGACAGCAGGGAAGGAACGAGGAAAAAAAAAG ACAGGAAGACAGAGAGAAAAGAGGAAAAGAAGGGGGAGAACCGGCAAAGG AAAAGGGGAAGGGGAAACGAGGAAAAGGGGAAGGAAGAGGAGGGAGAGG AGAAGGGAAAACCGGAAGGAAGGAGAAGAGAGAAAGGAGGGAAGGAAGAG A G G G GAGGGGGAGACCAAGAAAGAAACACAAGGAAGGGGGGGGAAAGAAA AAAGGTTAGAAGGAAGGAGACGGAAGGACAGGAAAGGAAAAAGGGGGAGG GAAAAAACCACAGGGGGGGCAAACCAAAAGGAAAGGAGGGGAGGAAGGGG AGAAGCCAAAAGAGACCCCGAGAGACCAGCCGGAAAAGGAGGAAAGGAAC A GA $\operatorname{l}$ GGGGGGGCCGAGGGAAGAAGGGGGGGGGGGAAAAAAAAAGGGGAG ACGGAAACAAAGGAAGAGGGACAGGGGGAAAGCCGGGGGGAGGAAAAAAA G GAGGGCACAAAGGGGGATTAGAAAAGGAAGGGGCCAAAAAAAAAAGGGG AGGGAACAGAGGGGAGAGAGAAGACAGGAAGAAAGGGGAAAGCCAAGGAG GAAGCCGAGAAAGGTAAGAAGACCACAACCAACCAACCAAGGGGAATTAA CCGGAAAAAAAAAAAAGGGGGGAAGGAAGGAAAACCGGGGAACCAAGGAA CCAAGAGAAACCGAAGACGAAGAAGGCCAACCCAGGAAGGAAGGGGGAAA GGGAAAGGAAGGGGGGCAGAAGGGAAGGGAAAGGGGCCAAAGAAAAGAG AGAGAAAAAAGGACCGGAAGAAGCCAGAAACGGGGGGGAAGAAGGAGGAA GAAGGAAGGGGAAAAAAGAAAGACCGGAAAAGGGGAAGGCCAAGGAAAAG GGAGAAGAAAAGAGGGGAGAAGGCAGAGAGGGAGAGGAACGAGGAGAGG AAGAAAAAAAAGGAGACGAAGGGGGGGGAGAAGGGAAAGGCCGAGAGGAA AACCAAAAGGAAAAAGAAAGGGGGGGAGCAAAAAGGGGCCGAAAGGAACA AAAGAAGGGGGGGAGAGGAGGAGAAGAAAAAAAAACAAGACCGGCCAAAA AAAAGAGGAGAGGGCCAAGGCAGGGGGGGGAAAGGGAAGGAGGGAGAAG GGACCCCAGGGAAGAAGAGAAGGGGGGCCAAAGGGGAAAGGGGGGAACC G G G G G G A GAGAACGACAGGAGAGAAAAAAAAGGGGACCGGGGCCGGAAG
 AA $\operatorname{l}$ GGGAAAAAAGGAAGGGGGGAAAGAAGGAAGGAAAACCAACCGGGGGA G G ACA G GA GAA G GAAAGGGGAAAAGAGGGGCAGACCTAAGGGGGGGAAA G G G GAA G G GAAACGAGGGGAGAGGGGAGGGGAAGGAGAGAAGAAGCCAA
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GCCAAGGAAGGAACCGGCAGAACAAGGACAAAACAAGGGTTGGGGAAGGC CGGAGCCCCGGAAAAAGACAAGAGAGAACGGGGGGGGCCAAGAGGAAAGA AAGAAGAGAAAACGAAAGAAAGAGGGGAAGGAAAAGGGAGGGGGGGGGG GGAACCGGAACCAAAGAGGGGGAAGGACGAGGAAGGGGAAGGGGGACCG A G G G G G G G G A A G G G G G A CCCCAGGGAACCGGGGGGGGAAGAACGAACAG GAAAAAGAAACACCGGACACGGGGAAGGGGGGCCGGCCAAAAGGAGCCAA CCGAGAGGGAAACCGGGGCCGAGGGACCGGAAAAACGGCAACGGGGAAGG GGAAGAAAAGCCGGAAAGGAAAGGGGGGGGAAGGAAAGAGAAAGGGAATT G G G G G GAA $\operatorname{AAAAAGGAGGCAAAGGGGAGAAGGGGCCGAAGACGAGGAAC~}$ CAACCGGGGGGAAGAGACAGGAGGAAAGGGGGGGGAAAAGGGGAAGGAA AAAAGGAAGGAAAAAAGGGGAAGGGGAAGGAAATAGCCGGGAACGAAGGG AGGGGGAAAAGGGGAGGAAGGGGAAGGACAGGGGAAGGAACCAAAAGGG GGGAAGGAACCAAAAGGGGAAGGGGCCGGCCGGGGGGAAAACCGGCCCCA ACCAAGGAAAAGGGGAAGGGGAAAAGGGGACATGGAAGGAAGACAGGAAA GGGCCAAGGCAAGACAAAAGGGACCGGGGAAAAAAAAGGGGAAAAAAGGA AAAGGAGCAGGAGGACAAGGGAAGAAGCCGGGGAACCGAAGAAGGAAAAA GAAAAAGGAACGCGCGGAAACACAAGGAAAAGGAGGGGGGGAAAAAACCG GAAGGAAAAGGACAGAACCGGGAGGAAAACCAGGGGGAAAAGGGGGAGGA A G G G GACA $\operatorname{CAA}$ A G G G G A GAGGAAGAGAAAAAAAGAGGGGAAGAACGAGG AA $\operatorname{l}$ GGGGAGGGGAGGGACAAAGCCCAGGAAAGGGAAAAAAGGAAAAAGGG GAGGGAAACCGGCAGAAAAGCAGAGAAAGGCCGGGAGGAGGGGAGGGAG A G GTTAA $\operatorname{t}$ GGGAAAAGGAGGACCAAAGGGGGGGGAGAGGGGGGGGAGAG AGAGAAAGCCAACAGAGAAAGGAGGAAGCAAAGGAGAAGAGAAAAGGAGG A G A G G G GCGAAAAAGGGAGGGGGGCCGAGAGGGGCCGGAAAAAAGGAAA A G G G G A G G GCCGGAGAAGGGAACAGGGAACCGGAGAACAGAGAAGAGGG AA G G AA GGGGAAGAAAAACCAAAGAGGAAGCCAGGAAAGAGGGAGAAGGA AA G G G G G GCCAAAAGGGGAAAAAAAAGGAAGGGGGAAAACAAGAGGAGGA AAAACAGGGGGGGGGAACACAGCCAGAAGGGAGAAGCCGGACAGAGGGG GGGGGACAGAGGAGGGGAAGGGAGAAGGGGGAAAAAAAAAAAGAGGGGGG GGGGAGCAAGAGAGAGAGGAGGGAAGAGAAGAAGGGAACAAAAACAGGAA GGGGGAGGAAAGAGCCGAGGGGAGGGGGAAGGCCAGAGAAGAGGAAGGC CAGGAGGGAGGGAGGAGAGGAAAAAAAAGGGGGGAAGGGGAAATACCCA GAAAAAGAAGAGAAGAGGGGAGAGGAGACCCCAAAAAAAAAAAAGGCCAA CCGAAAAAGGAAGGAGAGCCGAAGAGACGGGGGGAGGGAAAAGGGGAAA GACGGAAGGATAGAAAAAACAGAAAGGAGGAGAGAGAAAGAGGAGGGAAG GGGACGCGGAAAAGGGACAAAGGTAAGAAAGGAGAAGAGCCGGAAGGCCG GCCGGAAAAGAAAAAAAAAAGACGAAGAGAAGGCCGGAAAAAGCCAAGAG G G G G A A G G A G GAGGGAAAGGGACGGGAGGAGAGAGAGGGAAGGGCAAGG A G C CA $\operatorname{l}$ G GAGGGGGAAGGCAGGCCGGGAGGGGCCGGGGGGGGACCCACA CGAAGCCACACGAGAGAGGAAAAAAAAAAGGGGAGAAGGGGAGCCGAAAG G ACAAGAGGGAGGACGGAAAGGAAGCCAGGAGGCCAAGGAAGGAAACGGC CAACAGAAAAAGAGGAAAGAAGAGGAGCAAAAAAAACGGGGCCGGGAAAA AAAGGGGAGGGGGGGAGAGAGGGGAGGGGAACCAAGAAGACGAGGAGGG AAAAAGAAAGAAAGGGAAAAAAGGGGGGAAAGAAGGGGAGAACCAACACC GATAACAGGGTAGGGGAAAAGGGGGGAGGGAAAATTGGCAGAAGGGGGA ATTACAGAAGGGAAAGACCCCGAAGGGAGGGAGAAAACCGGAAGAACGGC CAAGGAGAAGAGGTTACGAGGAAGGAAGAAGCAAAAAACGGGGGGACGGA AAAAACAGGAGGGAGGGGGGGAAGGCCAGCCAGGAAGGGCCAAGGAAGG CCAAGGAAAAGGAAGGGGAACCAGAAGGAGAAAGGCCCAAGGGAGAAAGG A G GAAAGAGAGGAGGGAGGGAAGGAAAAGGGGAGAAGAACGAAAGGGGG A G G G G G GAA $\operatorname{A}$ GGGGGAAGGCCAAGGGGAAGAAAGGAGAGACCAGGAAGG AA $\operatorname{H} A \operatorname{A} A A G G G G A C A G G A A G G G A G G G G G G G G A A A G A C G G G G A A G G A A G A G ~$ GAAAGGGCGGGAAAAATAGGGAACCGAAAGGGAAAAAAAGGTAACAAGAG G G G GAGGGGAAAACCGGGGCCGGAGGGTTAAAAAAGGGGACAAACCAAGC ACAAAGGACAAAATTGGAGGGGAATAACCGGACGAAAAGGGAAGGAAGGG AGAGAAAGGGGGGGGAAAAAAAAAGAGGAAACCGGAAGGAGAGGAGAGGC CGGGGCCGGGGAAAAGGGGAACCGGGAAGAGAAGGGAACGGAAAGAGGA GAAGGGAGAAAGACGGGGGGGGGGAAAGGAAAAAAAGGAGGGACAAAAG AAGCCAGAACCGGGGAAAAAGGGAGGAAAGGGGAAGGGAAGAAAGGGGG GGAGAAGGAACCAGAGAGAAGAGGAAAACAGGGGAGGGGAAGACAGAAGG AAAGGAGGAGGGAGAGGGGGGACAAGGGGGGGGGGGAGACGGCCGGAAC

AA A GGGGACCCCCCCCGGGGGAGGGGGACAAGACAAGGGAGAGGGAGAG GAGGGGGGCGAACCACAACAAGGGGGAAGGGAAAAACCGGCAGGAAGGCA AAA $A$ AGCCGGGGAAGGGAGAAGAGAAAAAAGGAGGACCGGAAGGGGGGG G GAGGGAAGCCGAAAGGCCGGGGAAAGGAGACCGGAAGAAGGAAAGGGG GAGGACGAAGGGGGGGGGGGCAGGGGAAAAGGTACCCCGAGGAAAAGGA GGAAAGGAGGAACAGAACCGAAAGGGAAACCAAGGGAGAGGGGAAGAAAA G GAAGAAAAGGGAAAGGGGAAAAGAGGAAGAGGAACACCAACAAGCCAAA A G G G G GAGGGGAAGGGGGGGGGAAGCCGAGACCAACCGGAAACAAAAGG
 GAAGGGGGAACGGACAAAGGGGGAAAAGGAAGGAAAAGGGGAAGGGGCC AAAAGGGGGAGGGGAAAGAGGGAGCCGGAAAAGGGGAAGGAGGAACAGA GGAGGCCGGAAAAAAAGAAGAAGAAGAGAAAGAAAAAAAGAGGCCCGAGA AAAAAAAAAGGGGGGGGAAAAGGAAGGCAGGACAGGGAAGGGGAAGGGG GGGAAAAAGAGACCAGACGGCCAAAAGGACAGACAGGAAAAAGGGGCGAA GGAAGGAGGGAGAGGGGAAAGGGGGGAAAAGAGGAAGGCCAAAGAAAGA GAGGGGAGGGGAGGGGAGGAGGAGAAGAAAGGAGAAAGAAGGACAACAG G G G G G A G G A A G G G GAGGAAGAGGAAGAGGGGAGGAAGAGAGGAGGGGGG GGGACAAGGAGAGGGAAGGGGCCAAAAAAACGGACAGAGGGCAGGGGAAA ACCGAGACAAAGGAAGGGGCCGAACAGGAGGAACAACGAGGGGAAGGCCA ACAAGAAAAAAAAGGGAAAGGGGAAGGAAGGCCGGAAAGAAAGAAAAAGG GGGGACCGAGGGAGGAAAAGGAAGGGAAGAGAAAGGAGGGGGGGAAAGG GGGAAAAAAAAGGAGGAGCCCCCCGAGGCAAGAGGAGGCCAGAAAGGAAA AGAAGACCGGAGGACCAAGGAGAGGGAACCGAGGGGGAGAACAGGGGGA G GAGGCCGGAGAGAGAGGGAGAGGAGAAGAGGGAGGACCAAGAAGGGAC AGAAAAGGGGCCGGAAGAGAAGTTGGGGAGGGGGGAGGGGAACCCGAAA GAGAGGAGAAGAAGAAAAAAAGGGGAACCAAGCAAAAGGGGGGGGACGGA ACCCCGGGGGGGAAGCAAGGGAAGGGGAAGGATAAGGAGGGAAGGGAAA G G G G G G A T A A A A GACCGGGGAAGGAGAGAGGAGGGGAAGAAGGAGGGGA AACGGAAGGAAGGGGGGAGGGAAAAGGGGCCGGGGGGGGAGGGAACCAG GGGGGGGGCCAGCCGGGGGAAGAAGGGAAAGGAGGAACAGGACAAAGGC CGGCCAACCGGAGAAAAGGAGGGAGGAGAAGAGAGGACCGGAGAGGAAGA AAAGGGGAGGAAAAGGACCGGGGAAAACAGGGAGGGGAGGGGGGAGAAG G G AA G G G G A A TAA $A$ AGGGCAGGAAGGACGAAAAGAGGGCAAACCGGGGAA G G G G A G G G G G CAAGGAAAAAAAAAGGGGAAAAACAAGGAGAGCAGAACGG G G G G G GCCGAGGCCAAGGGAGGGGAAAAGGGGAGGGAAGGAGACCCGGA AA $A$ AGGGAGGAGGGGAGGAGGAGGGGGGGAAAAAAAAAAAAAGGGGAGAG A G A A G G G G G G G A A CAGGGGAGAACAAGAGGAAGGGGGAAAGAGGAGAGG G G A A G A G G GAGAAAAGGGGAGAAGGGGAGGGAGGAGAAAAGGAGGAGCC ACGGCCAAGGGGAGAAGGCAAGAAGCAGCAAAGGAAAGGGCCAGCAGAGG G G G GAGAGACAGACAGAGAAAGAAGAGGGGGAAAGAAGGGAATTCCAGGG G G G G A A A A A A A A G GAAGGGATTAAGAGGAGGGGGGACCTTACAGGAAGGG AAAGAGGAAAAACCGAGAGACAGGGGGAGAGAAACAGAGGACAGAGGACC GGGAGGGGGGAAAAGGGGAGAGAGGAAGGAAGCAAAAAGGGAGGAAAGA GAGGAGGAACCCCAAACCCAGAAAGGGAGCCGGGGCCGGGAGAGGAAAAA AGGGGAAAAGAAAGAGGGGGGGAGGAGAGAAGGCCAGGAGGGGGAGGAA AAGGAACCCAAAAAAAAAGGAGGGCCACAAAGGGACCACCGAACAAAAAA AAAAAACCGGAGGGAGAAAAGAAGGAAAAGACAGAAGGAAAATTGAAAGG GAGGAGACGGGGAGGAAGGGAAGGGGAAAAAAGGGGAGGGAAAAAAGGA A G G A G G G A ACCAAAGGGGGAAAAGGAAAAGGAAAAAAAAAAAGGGGGACA AAAGGAACCGGCCAAAAAAGAACCCGGGAAAACGGAAAGGACAGGAAGGG
 AAGACAGAGGCCAAAAAAAAGGGAAAGAAAGGGGAAGAAAAAAACCAACC AA G G AA G G G G CAGGGGAAAAGAGGAAAAAAAGGAGGGAGGGAGGAGAAC CAGGACGAAGGAAAAAGAGGAGACCGGGGGACCGAGGAAAACCGGAAAAG AAACGCGGGGGAAGGAAAAAAAAGGCCAAAGAAGGGGAAGGCCGGAAAAA AAAGGAAGGAAGGAAGGAGGGGGGGGGAAAAGGGGGAGGGAGGAAGGGG AGGGAAAACAGGAGGGAAGGAAAACAAACCAGGGAGAAAGAGAACCAAAG A GAAAGGAGGAAGAGGGGCCGGAAAACACCGGCCAAGAAGGAAGCCCCAC ACGAGGGGAAAGAAAAAAGGGAGGAGAAAAGGAAGGGGGGAAAGAGGGA A GAA $\operatorname{A} A A G G C C G G G G G A A G G G A A G G G G A A A G A A G A G A G G G G G G G G G G A G ~$ AGTTGAAACCCCAGACAAAAGGACGGGAGGGGGGGAGAAGGAAAGAGGAA

GGGAAGGGAGGGGAGGAGGGGGAGGGGGAGGGGAAGGGCCAGCCGGGGA GAACCAAGGCCAAAACCGGGAAGGGCCAAAGGGGGGAAAGGGAGGGGCCA AGAAGGGGGCAGGAGCAGGCCAGACCCGGAAAGAGAGAGAGGGGAAAAG GGAAGGGAAGAGGGGAAGGGCGAAGGGAACGGGAGAAGGAAGGAATCAC AAAGGGGGGGGGGGGAGGAGGGAGGAACCGAGGGGAAAGAGGAAGAGCA AAATCCAAGGGGAACCAAACAAAGGAAAGGGGCCGAGACCAAAAACCCGG AGCAGGAAGGGGGAAGGGCCAGAGAGGGGAGAGAAACCAGACAAGAAGG GAGGAGGGGGGGGAGGGAAGAAAAGCCAAGGCAAAGGCCGGAAAAGGGG GGAAGGCCAAAGGGGGAGGGCCCCCCACGAAGGGAAAAGAGGCCAACAAA AGAGATGGAGGAAGGGAAAAACAGCCGGAACCGGAAGGAGGAGGAGGGAA AGAAAGAGGGGGGGGGCCACGGAAAAAGAGGGGGAACCAAAGAGAAAAAG CCAAGGAGGGGCAGGGAAGAACAACCGACCAGAGGGGCGGAGCCAGGGG GAGAGGGAAGGAAGGGAAAGGAACAAGGGAAAAGAGACCGGGGAGGGAA GACCGGGAGAGGAAAAGGTTACAGAGCCCCGGGAAGGGAAGAGGGGGGA CAAAAGGGAGGAAGGCGGAGGAAGGGAAAGGGGAGAGGGGGAAAAAAGA AACAAGGGGAAGAAAAAACGACGGAAAGGGGGGGAAGAGGAGGGGGGGG GAAAAAAAAAGGGAAGAGGGGAAAAAGGAAGGGCCACAAGGGGACAAAAA AAAACAGGGGGAAAAAAGGAGAGAAAAAGAAGAAAGGAAGGAGAGAAAAC CAAGGGGAAGGAGCCGAAAAGGGGGCAAGCAACGAGGAGAAACGGAAGGG GAGGGAAGAGAGGAAAAGGCCAAAGGGAGCAGAGGGGAAAAGGGGGGGG AGAACCGGGACAAAAAGGTTGAGAGAAGAGGGCCCCGGAAAAAAAAAAAA GAAGAAAAGAGGGAAAGGAAAAAAAAAACAAGAAAAGGCCAAAAGGCCAA AAAAAAGGCCCCAAGGGGAGGGCGAGGAAACCAAGGAAAACCAAGGCCGG GGGAAAGGGAAGGACCGGGAGGAAAAGGGGAAGGAGAACCAAGGCCGAG GGAGGAAGAGGCAGGAGAGAGAAAGAAAAAAGGCCGGAAGGAAAAGGGAG GGACCGGGAGGAAGGAAGGCAAAGGCCACAGGAAAGGGAGAGGGAAAAAG ACCAGGGCCAAGGAGAGGGGGAAGGGGAAGGGGAGCCACGAAGGGAAGG GAAGAGAAGGACAGGGAAAACCAGAGCCGAAGCCGACCAAGGGGGGGGAA AAAAGGAGAAAAAAGGGAAAAAACGGGGGAGGAGAGAAAGAGAGAAGGGG AACCGAAGGGAGAAGGAAAAAGGAAAGGAGCAGAAAGGAAAAGGGGAAGG GGAAGGGGAAAAGGAGAGAGGGGGAGGGAAGGGGGGGGAAGGGGGGAAA AGGAAAAAAAGACGGAGAAGAAAGGAAAAAAGGGAAAAAAGAAAGGGGAA AACAGAGAGAAGGCCAAAAGGAAGGAAGGAAGGGGGAAGAAAAAAAAAAG GGGGGAGGGAAGGAAACGGGGAAAAAGGGTAGGAAGGAAAAAAGGGGGG CCCAAAGGAAAAACGGGGACAGAAAGCAAGGAGAAGGGCCAAGAGGAGAA AA G G G GAAACAAGGGGGGGGGGGGAAGGAAAAGGCCAAAAGGGGGGAAG AAAGGGACAAGAAGGAAAAAAGGGGCCGGCCGAGGAGAAAGAAGGGGAAC CGGGGAAAGGGGCGAAAAGAAAGAGGGTTGGGGCCAAAACCGGAAAAAAG GAGGGGGAGAGAGGAGAACAGGGAAAGGGAACCAAAGAAGGCAAAAGAGA AGGAGAAGGGGGGAGGAAAATGGAAAAGAGAAATAAGGGGGGGAAGGGA GGCCGGAGAGGGGGGGAAGGGGAACAGAAGAACAGGTTCCAAGGAGAAAA AGCCGGGGAAGGGGAAGGAGAAAAAAGGGGAAAGAAAAAGAAGGGCAAGG AACAGGGGGGATGAGACAAAGGGAAGGGAGGGAAGAGGGGGGGAAAGAA ACCGGAGCCGGGGAAGACCAGAGAAAAAAAAGGGACGGGAAAGACGGCAA AGAGGGGGAAAAAAAAAGGGGAAGGAGAGGAAAAAGGAGGGAGGGGGGG AAGGGGAAGGCAAAATCAAGAGGGGAACGCAGAAAACAGAGGGGGGGGG GGGGGAACCAAAAGAGCCAAGAAAAGGAACCGGCCAAAGGAACGGAAGGA AGGAGAGGGAGAGCAGAAGAGAGGGGAAGGAAGGAGGACCCGGGAGGGG AAAAAAAAGGAACCAATTGGAAGGAAAAAAAAGGCCGGGGAAGGGGAAAA GGGGAAAAAAGAGGAGAGAGAAAAAGGGGGAAGGGGCCAAAAAAAAGACC GGAAAAGGGGGGGGGAGAAAAAAGAGAGAAGGGGCACCACGAGGAGAGG ACAGGGGGGGACAAGGGGGAGGGAAGGCCAGGAGAGGCAGGAAGGGGGA GAATGGGGGGAAGGATAGACAAAAGAGAGACAAAGGGGGGGAGGAAGAG ACCGGCCAAAAAAGGAGAGAAGGAAGGCAGAAGGAGGGGAAAACAGGGAA AA G G GAGGGGGAGGGAAGGGGGAAAGGGAAACCGGAGAAAGAGAACCAA GAGGGGGAAGAAGGCCAAGAAAGAGAGGCCGGAAAAGGGGCACAGAAGCC AAGGAACCAAGAAGACGGGGGGGCCAAGGAAAACAGGGCCACGAGGGAAA AGGGGGGGCCAGGGGAAGACGAGAGGGGACAGAGAGACAGAAGGGGGGG GGAGGGAGGAGAGGAGGAAAAGGAACAGAGGGAAGGGGGAAAGGGGGGG AGGAAGAAAGAAGGAAGAGGACGAGAAGGGGGGGAAAAGGGAGGAAGGC CAAGACAGGAGAGAGACAAGGAAGACAAACAAAAGAGGAGGAACAACAGG

GAAGGAAAAAAGGAAAAAGGGCAGGAAGGAACCGAGAAAGGGGGAAAAAG GCCAAGGAAGGGGAAAAAACCGGGGGGAAAAGGGGGGGGAAGGAAGGGG AAAAAAAAGGAAAAAAAAGGGGAAGGAGGGAGAAAAAAGGGGGAAGGGGG GGAGAAGGGAAGAAGGCCAAGAACAAACGAAGAAGGCCAAGGGGGGGGG GAAGGCAGGGGGGAAAGAGAGCCAAAAGAGGGAAAACGAAGGGAGGGAG GCGGGGAGGGAAGGAGAGGGGAAAGGGGCCAAAAAAAAAAGGAAGGGGC CAAGGGGCGAGGAAGCAAAAGGGAAGAGAAAAAAGGGAGGAAGGAAGGAC CGGAGAAGGGGAAAAGGCCAAAACCCCAAAAGAGGGGAAGGAAAGAGGAG AGGAAAAAGGGGGGGAAAAAACCACGGAAGGGAGGAGAGCCCAAAAAGAG GAGCAGGAACCCCAAGGGGAGACAGAAAAAAGGGGAAAAAAGAGGGGAGA GAGAGGAGGAACCGGAAAGGAACGGGGAGAGGGAGGAGGAGGGGGAGCA AGAAGAAAGGGGGAAGCCAGGGAGGAAAGGGGAAAAAGGGGGGGGAGGA GAAGGGGGGGGGGAAAAGGGGGGAAGGAAGGAAGGGGAATTAAAAAAAA CCCCGGAAAACCAAGGCCGGGGAAAAGGAAGGAAAAGGAAGGAAAACCAA AAGGAATTATAGGGGGGGCCGGGGGAGGCCGAAAGAAAAGAAAAGAGGGA CCAAGGAAGGGGAAGAAAAACAAGAAACAGAAAAAAAACCGGACGAAAAG AAGAAAACGGGAGGCAGGAAACAACCGGAGAAGAGGGGGGAAAAGGTTGG AACCAAAGAAAAAAAAAAAAAAGGGAAAAAAACCGAGGAAAGGAGGGGGG AA G G GACAGAACAAAAAAGAAGAGGGAGAAAAAAGAGAAAGACAGAAGCC AAGAAGGAGAGACCGGGAGGGGGGCCAGGGAGGAAAATGGAGCCAAAGG GCAGACACCGGCCGGGGGGAAGAGAGGGGAACCGGCAAAGAGGGGAGAG CCGGGGTTAAGGGAAGAACCGGCAAAAGAGCATTGGCCAGAAAGAGAGAG CAAAGAGGTAAGAACCAAGGACGAGGAAGGGGGAAAGGGGGGAAGGGGG GAAAAAAGGGGTTGGAAGGGGAAGGGGAAGGGAGGAGGAAAGACCAGGG AAAGAGCCGGAGGAAGGGGACAGAAAAGAAAGAGCCCCAGGAGGAAAGAA CCAAAAGAGAACGCGGGAAAGGAAAAAAAAAAAAAAGAGGGGGAAAGGGG GGAGGGAAAAGGGGTTCCGGAAGGAATTAACCGAGAACGAGGAAGGGGGG AGAAAACAAGGAAGAAGGAGAAGGGAAAAGAAAAGCAAGGAGGCAAAAAG GGAAAAGGCCAGAGGGAAGGGGAGAAGGGGGCGAAGAAGAAAGAGGAAG GAACCGGGGGGGGAAAAGAAGGAGGAAAAAGAAAGGGCAGGGGAAAAGG GGAACAAGAGAGAACCGAACAGAGACAGCAGCGAACAGGGAAAAGGGGGG CCAAAAGGGGGGGGAAAAAAAAGGCAGGGAGAACGGGAAAGAAGGGGGG GCCAAGGGAAGAAGGCAGAAGAAAAAGGGACACAAGAGGGGAGGGGACCA ACAGAGAAAGAAAGGAAGACAAAAAAGCCAGAGAGAGAAGGAACACAAAA GAGGGGAACGGCCGAGGAAGGAGGGGGGAGCACGCAGGACCGGGGGGAG AAGGAGCCAACAGGCCAAGGAAGAAAGGGGGAAGGGAAGGAAGAAGCAAA CACCGAAAACTAGGGGAAAAAACAAGAAAAGGGGGGAAAGAACCCAGGGG GGCCAAAAGCAAGGCCAGAGGGAAAAGGAACCAAGGACGAGGAAGGGGAG GAACGGAAGGGAGGAAGGGGGGGGGGACAGGGGGCCAAGAGGGGGGGGA AAAAAAGAAAAATAAGGGGAAGGCAGATTAAAAAAGACCAAAAAAAAGAAA CCAACCTAAAGGGGGGAAAGAAGAGGAACCGGGGGGCATTGGAAAAAGAA GCACAAGGGAGGAAAAAAGGGGTTAACCAACCAAAAAAAAAGGGAAGGGG AAAAAGGGAGCAAGAGCAGAAGGGAGGAAGGGACGGAAGGGGAGGGGAA AGGCCAGCAAAGGGGAAGGGGGGCCGGAAACAGGAGAAAGCGAAGGGAAA AGGTTAAAAAAAAAATAAAAAGAGGAAGAAACAACCAGGAGAAAATACACA GGCACAAAACCAAGCCGGGAAGGATTAAGAGGGATAAAGGGGAAAAGGGG GGAGCCCCGGGGAGAGGGACAAAAGGGGAGCCAAAAGGAAAACAGCGGGG AGCCCCAAAGAACCGGAGGGAAACGGGGGGAAAGGGAGGAAAAGAAAGGG GGGGGAGGGGAAAAAAAACCAACCGGGGAAAAAGAATTGGGGCAGAAGAG CCAGAGAGCCAAAAAGAGGGGAAAGAAAAACCGGAAAGGAAGAAAGGGGA GGACGGAAAAGGAAAGGAAAAAAAAAGGGGAAAGGGCCAGAAAAGGGGAG AGGAAGAAAAAAAACAGGAAAGAAGGGGAAAAAAAGGAAGGGAAACGGAA AGAAAGGGAGGAGGAGGAGACAAAAAAGAGAAAACCGGGGAACCGGGGGG GGAAAAAAAGGGAAGGCGAAGGCCAGGGCCCCCCCCGGGGGAGGGAAGGA AGACGGGGCAAGAAACGAGGAAAAGGGGAAGAAAAAGGCCGGGGGGAAGA GAGACGCACCGGAGCCGGGGAGGAGGGAGAGGGACCGGGGAACAAAAAAA AA GAAACCGGAAGGAGGGCACCGAAAAACCAGTAACAAGGAAGGGGCCAA AAGGGGCCAAAGCCGGAAGGGGCCCAGGCACCAGAAGGAGGGAGAAGGTT CCGAGGGAAACAAAGAGAAAGGAACAAAGGGCAAGGGGAACCGACCGGGG GGGAAAGGGGAACCAACCGGGGGAGGGGGGAAGGGACCCCGAAGAAAGG AAGAAAGAAAAAGGAAGCAGGAAGGGGGGAAGGAAAGAGGGAAGCGGGG

GGGAAACCAAAAGGAAAACCAAAACCGGGGGGAAAACCAAGAGAACACAG CAACCAGGGAGGAGCGAAAAAAAGGAGAAGAGAGCCGGAAAAGGAAGAAG ACAGGCAAAAGGGGGGAAAGAAAAGAGGGAGAGGGGGGAAAAGGCAAAAA G GCAAA GACAGGGAGAGGAAAAGAAAGGAAGAAAAAAAGGGGGGAAAAGG G G G GAA G GCAGAAGAGGGAAGGCCAGAAAGAAAGAGAGACACAGGAAAGG G GAACCGGGAGGCCGAGGGAACAGAAGAGGGGAAAAGGAAGGGGCAGAA GAAGGCCAAGGAACCAGAAAGCCCCGGAAACGAAGAAAAAGACGGCCGAG GAA G G G GCCGAGAAAGGAAGGCCAAGGGGAGGAAACAGGAGGGGGAAAA CAGGAAAAAAGGAAAAGGCAAGCAGAAGGAAGGGACAAGGGGCCGAGGCA AAGGAAAACCACAACCCCACAAGAGAAAAGCAGAGGAAGGGGACAAGGGG CAGGAAAAGGGGAAGGGGAGAGAGAAGGACAAGGAAAGCAAAGGCAGGAG CCAAAAAAAAAGAAAAGAGGGAGATTGAAGAGGGAAGAAAAGGGGAAAGA AAAGAAAAGAAGAGACAAAAAGCCCCGGGGAAGAGGAAAAAGGGAGGGAA AAGACCGGGGAAGGGGAGCCGGGGGGGAGGGGACAGAGAAAGACAGAAC CAACCAAAGAGGGCCAGGAGGGGCAGAGGAAAGCCAGAGAGAAAAAAGAG GAAGGAGCAAAGCAGAAAAGGGGAACCGGAGGGAAGGAACCAAAAAGACA G G G A GAGGGAGAGGGGGCAAGTTAGAAAAAGAAGAAGAAGGAAAAAACCA GAGGGAACAGAGGGAGGCCGGGGGAAGGGACGGAGAAAAGGCCAAGGAG AGAAGGAAAAAAGGAAAAGGCAAACCGGAGAAAAAAGGGAAAAGGAAGGG AA G GAAGGAGGACCAAGGGGGGAAGGGAAAAGGAGGCCAACGAAGGGGA GAGAAGGGGCCAAAAAAGGAAAAAAAAAAGGGGAAAAAAAAAGGGGGGGA
 A G GCGGAAAAAAAGGAGGAAGGACGAGGGAGGAAGAAACCCCGGGGGGG GAAGGACACGAGACACCCAAGTTGGGAGAGAGGGAAAAGGGAGAAGGGAG CAAGGGGAGGGAGGGGGGAGGTTAACGCCGGGGAAAAGGGGACAGGGAA AA $\operatorname{l}$ GGGAAGGAGCCAAGAGAAGCGAGGGGAAGGGGGAGGGAAAAAAAAAA GGAAGGGGAGGGAAAGAGCGAGAGGAGGAGAAACAAGGAAGGGAGGGAA AGGAAGGGGGGGGGGGGACAGAACCAGAAAAAAGGGAAAAGGAGGAAAAA AGGAACCCCAACATTCCGACCGGGGGAAAAACAGGGGAGAAGGGGGGGAA AGGGGGGGGCCAAAAAAGGAAAAACGAAAAGGGCAAACAAAAAAGAAAAG AAAGGAGGGGGAAGAAAACGGACGATTAAAAAAAACCAAAAAGGGAGGAG GAAAAAAAACCAAACGAAGCCGAAAGGCCGGAAAAACAAGAAGGGAGAAC AAACAAAAAAAAAAAAGAGAAAAAAGGCAAGGAAAGGACAAGGAGCCACA GGAAAGGAGGCAAGGGGAAGGAGAGGAGGAGCGCCGGGAAAAAGGGGGG G GAA G G GAAGGGCCCAAAGGAGAAACAAAGGGAAGGGGCCGAGGAAGGAA AACCGGAGGGCAAAGGGGAAAAAGAGAAGAGGCCAGGGGAAAGACCGGCA AA G G G GAA $\operatorname{AAGGGGGGAATTCCAAGGAAGGGAATGAGAGGAACCACAGAA~}$ GGAAAAGGAAAGAGCAGGGGAAGGAAAAGAAAGGGGCCAAGGGGCCGAGA AAAAAAGGAGAAGGCCAAAAGGAAGGCCGGGACAGGCAAAAAACCAGGAA AA $\operatorname{GAAA}$ GGGACCGACCAACCAACCACAAGGCAGGACAAGGGGGGGGGAGA ACCCAAAAGGGGGGCCAAGACAGGGGAAGGAGGCAAGGGGATAGGGGGC AAA $\operatorname{A}$ GAGGGAGGAGGCCGGAAGAAGAGGAAGCAAGGGAGAGACAGCCGG GAAAAAAGGAGGAGAGAATTGGGGGAGGGAAGAGGGCCAGAGAAAGGCG GAGGGGGAGGGGGCCCCGAAGGAAGGAAGACGGCCGGAGCCAAAAAAGG GAGAGAGGAAGACCAAGGGAAAAGGGCCGGAGAGAGGGGGAGGGGGAAG AGGGAGCGGAGCAAAGGGGACAGAAAAGGCAAAAGCAGAAAAGCCGGAGG GAAGGAGGGAAGGAAAGGGAAACAGGAGGCCACGGCCCCGGAGAGACGGA GCAGGCAGAACGAGAAAGGCGAAAGAAGGAAGGGAGGGGGACAGGGGGA CCGGAGACAGAAGGGGAAGGACGGGGAAAACCAAAGACACAAAAAAGGAA AA G GCCGGGGAGAAAACCGGGAAGGGGAGAGGACGGAAAAAAGGGAGGG GCCGGAAGAGGGACCGGAAGAGGGAGGAGACGAGGGGGGAAAAGGAAAG GAGGAACCGGGGAAAAGAGAGGGGGGAAGGGACCGGAGCCGAGGAAGGG GAAAA G G G G G G A A G GAGGGGGGGGGAGAGAGACAACCGGGGGGAAAGGG
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 G G G G G G GAA G G A ACCAAAAGGAAGGGGGGAGCCAAGGGGGGGGGGGGAG A GAGCAAAGAAGGAGGCCAAAGGGAGAAGGAAGGCAAAGAAGGGGAGACC CCAAAAAAGGGGAACCAACCGGAGGAGGGAGGAAGGGAGGGACAGAAAAC G GCCGGGAGAAGAAAAGGAAGGAAAAGGAAAAAGCAAGAGGGAGAGGGCA AGAATTAAAAAAACGGGGAGAAGGAAAAGGAAACAAGGAGGAGGGGAGAA GGCCGGAAGGAGACAAAAGGGAAGAAAAGGGGGGCAAAAACAGGAAAAAG A GACGAGGAGGGAAGGGGAAGGGGACGGGGACGGGAAAGGGAGGAGGAC CGAGGGGGGCCGGGGAGAAAAAAAA
$22016000-9$ AA G G G G CCGGGGAAAAAAGGGGGGAAAAGGGGAAAAGGAAGG CCCCAAGGGGGGAAGGAAGGGGGGCCAAAAGGAACCAAAAGGGGAAAAGG AACCGGGGAAGGCCAAAACCGGGGAAAACCAAGGAAAAAAAAGAAGAGGG GGCCGGAGCAAGGAGGAAAAAAAAAAAGGAGGCCGGGGCCGGGGAAAAAA AA G G GAAAAAACAAAAGGACAAAGGGAAGGGGGAGAGGAAAAAAGGACAG GAGGGGGAGGAGGGGGGGGGAGAAGGAAAGGCAAATAGAAGGGAAGAAA AGGAACCAAAAAAAAAAAACCAGGGGGCAGGAAAGAAAAAAAAAAAAAGG AAGAGGAAGAAGGCAAGCCGGAGGGGGAAAAAAGGAACCGAGAGAGAAAA GAAGGGGCCAAGCGGGGAAGGAAGGAACCGGCAACCCAGGGAAGGGGTA G GAA $\operatorname{GAG}$ GTTAAGGAAGGGGAAGGAACCAAGGAAAAAACATTCCAGGGCC AGGGAAAAGGAAGGGAGGAAGAAAAAGAGAAAGGAGAAGAACGGAAAAAG AAAGAAAGGAAGGGCAAAGGGGACGGGGGGGAAAAAAGAAGAAACCGAAA AAAAGGCAAGGGGAAAGGAAAAAAGGAGGGGGAGGAGAGAGGAACCGAGA GGAGGAAGCCAGAAAGAAAAGAAAGGAAAAAAGGAAAAGGAGAGAACCAA GGAAAAAAGGGGCAGAGGAAAGGGCACCCCGGAAGGGGGGGAGGAGAGC AAGAAGAAAAAAAGACCGGAAGGGGCCAAGGGAAGGGCCGGATAGAGGAA GGGAAAAACAAAAAAAAAAGAAGGACATTAACCAAAAGGAGGGGCGAGAG GAAAAACCCGAAGAAGGAAACGGGGAAGGAGCCAAACAAGGCCGGCACCA AGGGAAAAGAAACGGAGAACAGAGAAAGGAAGGGAAAGGAGCGGAGAGGA GAAGGAAGGGGAGGAAAGCAAGGGAAAGAGGGGACAAGGGGAACCGGGA TAACAGAAGGAAGCAAAAAAGGGGGAGGGGGGACAGGGAAGGGAGGGAA AGGCCGAAGTAAGATCAGGAGAGAGCACAACGAGACAGAAAGAGAGGAAG G GAGGAAAACCGGAAAAGGAGCCGGAAGAACGAGGAAAAGAAAGGGGGAC C G G GAAAAACCGGACAGAAGGAGAAGGGGGAAGGGAGAGAAAGAGAACCG GCACCAAAAAAAAAAGGAAAGAAAACCGCCAAAAAAAAGGAGGGAAGGGC CGAGAACAAAGGGGGCAAAAAGGTAGACCAAGGGGGAGGAAAAGGAAAAG GAAGGAAAGGGGAAAAGCCGAAAAAAGAAGGGGGGGAAAGGCCAAGGGGA AAAAAAAAAAAGGGGAATACCGGGGGGCCAAAGGAAAGAAAGGGAAAAGA GTAAGAGCAGGAGAGCATTGGCCAAGGGGAAAAAAGGGGAAAAAAGGGGG GAGAAAGCAGAAGTAGGGGGGAAAAAAGAGAAGACAAAAAGGGAAGAAAC CGGAGAAGACCGGGGGGAACGAGCCGGCCGAGGCGACGGAGCAAGAAGG CCGGCCAAAAAAAACCAGCAGAAAGGGGGGGGGAAAGGAAAAAGGGGACC AGGGGGGGATAAGGGGGGGAGAGGAAGGAAAAAGAAAACCAAGGAATTGA GGGAAGGGAGAGAAGGAAGGAGAAGGAGAAGGGGGGGGGGAGAAGGAAA AAAGGAAAAAAGGAAACGGGGGGGAAAAGAGAAGGGGAAGGGGGACCGG GGGGAAGGGAAAAAGGGACCACGGGAGGAGAGCCGGGGACAAAAGAGGA G G G G G G G TAAGGGAAAAACAAAGAAGGAACCCAGGAGGGAGCCAAGGGG GGAGAAAAGACCAGGGAGAAAAGAAGGAAACCAAAGGGACCCGAGAAAGA AA $\operatorname{GAGGATCAGGAAGGCCGGGGGACCAAAAGAGGCCAGGAGAGGGAGGG}$ GGGGGAAAAGGAGAAAAAAGGAGAAAAGACCAAGGGGAGAGGGGGGGGA G GAGAAAAGGGGACAACCGACCCACAAAAAGAAAAAGGCCGAGAGAGGGG AAGGGACAGAAAAAGAAGGGAAGGGGAAGGGGAGACAAGGAGAGAGGAA GAAAGACGCAGGAGGAAAAAGAACCAGGAGGAACCGGAGGGCAGAACGGG GAGAGGGCCGGCCAAGGAAGAAGGAAAAAAAGACAAGGGGGAAGGAAGGG GAAAACAAAAAGGCCGGAGGGCCACAAGAAGCCAAGAGGAAGGGGAAAAC CGGCCAAAAAAAAAAAAAAGGAACCAAAAGGGAGGGAGGAAAAGGGAGGC CAAGGGGGAGGGAGAGGGAACGGGGAACAGAAACCCAAGGACCGAAACCA CAGCCGGGGAGAGGGAAGAAAAAAAAAGGCCGGGGCCGGAAGGAAAAAAG GAAAGGGAAAAAGCCCACCAAGGCAAGGGAAAAGGAAGGAAAAAGGAAGC

G G G GAGAAAAGAAAGCAGGGGAACAGGGGAAAAGGCCAGGAAGCAACGGA AAACAGAGGGGGGAAGGGGGGGGACAGGGACGGGGGGAAAAGGCCAAGG AAGGGGCCAAGGAAGAGACCCAAGAGCCAAGGAAGGAAGGCAGAACAGAG GAACAGGGAGGGGGGGGGAAGAGGGGGGAGGAGGCGATAGTTAAGGGGG AGGGAAACCAGGAAGAGGAGAAGCAGAAAAGGGAGAACCGGAAGGCCGGA AA G GAGGCAAGGAGGGAAGGGCCCAAGGGAAAACCGGGGAGCAGGAAAAA GAATTAAAAGGAAAAGGGGGGGGGGAAGGGGAGGAAGGGAGGAGGACAA ACAAAAGAGAGGAGCCAGGGAAAAGGGAAAGGCCAAGGGGGAGAAGACAG CAGGGAGGGAGAGGAAGGAAAAGGAAAAGGGGGGAAGGAAGGGGAAGGC ACCAAAGAAGGGGGGCCAAAAGGAAAGAGCAAAGGCCAAAAAAAGGAGGA CGGGGAAAGGGGAAAAAAAAAAAAAAAAACCGAAAGGGGGGGAAAGGAAG GAAGGGGAAAAAAGGGGGACCGGGGAAGGGGGGCCCCAGGGGGAAGGGG GAAAAGAAGGAAGAGGCCAAAAAAGAGGGAGAGGAACAGGGAAGGAAGGG AGCCGGAGGGAAAGCCGACCAAGGGGGATTGGGGAAGGGGACGAAAAAGA G G G G G A A G G GAGGGGGGGAGAAAAAGAAGGGAAGAAAGGAGGAAAACAG AGGGAGGAGATAGGGAGAAGAAGGAGAAAAGGGAAAAAACCGGGGAAGGA AAAGGGGGGAAGGGGCCGGGGGAGGAAAAGGAACCAACCAAGGGGGGAA G G G G G G A G A A A A G G G G A A G G G G G G G G A A A A A A G G G GCCGGGGCCGGGGA AAAAAGGGGAAGGAAGGAGAAGGGAGGAGAGAGAAGGGGGGAAAAGGCC AAACAGGGAAAAGAAGAGGGACAAGAGAGGGGAGAAGGAGAAGAAGAAAA AAAGAAAGAAGGGGAAGGGGGGGGAAAAGGGAGGAAAAAAAAGAGGAGA GAGGAGGAAGGAGCAAGAGGAGGGACCAAGGGGGGGAGAGGGGAAAGGG TTAAAAACAAGGAAAAGGCCGGAAAAGGAAGGAAAAAAAGAGAGGGAAGG AAAAGGAAGACAGGACAAAAAAAGGGAAGGAAAAAGTTAAAACCGGGGAA TTGGAAGGCCGGGGGACGGGCCAGCAGAGGAAAAAAGAAAGGAACCGGAA AAAGAAGAAAAAGGAAGACCAACCAGGAAAGAGGAAAAAAAAGGAAGGAA GGATGGGGAGAAAAGAGAGAGGAGGGAAGAAAAAAAGAGGAAGGAAAAGA GAACAACCAGACAAGGGAGGGAAAGGAAGGACAGACAGCAGAAAGGAAGG GGAAAGGGAAAGTTCCAAGGTAAAAACAGGGAAAAGAGAGAAGAAAAAAG GAAGCCACAAAGAGACAGGATAAAAGAGAGAACCGGAGGGGGGGAGGGGG AACAGGGGGGGGGGACGAGGAAAGAGGAGAAAAAAAGGCCAAGGAAAAGG GGGGAAAAAAGGCCAACCAAGGAGGGCCCCGGGGAAAAAAAAAAGGAGAA AAGGAAAACCCAGGAGAGGAGGATACAAGAGGCCCCAAGGAAGGCCGGGG G GACACGAACGGGAGGAAGGAAGGAAAAGGAAGGGGGGGGAAAAAGAAG GAACCAGGAAGCAAGGAGAGAGAGGGGGGAAAAGGAAGGGGAAAAAAGAA GAACCAGAGGGGGGGAAGGCAGACCGGCCAAGGCAAGGGGGAGACAGGG TTGAGGGGCAGGAAAAGGAGGAGGAAAAGAGAGAGGAGGAAGAGGGAAG GCCAAACAAGAAACCGGAAGGGGCCGGGGGGAACCGGGAGGGGGGAGAG G GAA G G G G GAGGAAGGAAAAGGAAGAAGACGGCCGAAAAGAAAACCGGAA GGAAGGGGAAAAGGGAAAACAGAAGAACAAGGAAGGGGAACCAAGGAAAG GGAAGGGGGGAAGGCCAGAGAAGGACGAGGAAGGGGGGAACCGAGGGAG GCCAGACGGCCAGGGAAGGGGAAAAGGAAAGGGCCGGCCAGCCGAAAGAG ACCAAAACAGGAACCACGGAAGGCAGGAAGGGGAACCGGGGGGCAACAGG GAGAGAGGGAAAGAGAGAGAGCAACAGGGAAAAGGAAGAGAAGGCAAGAA AAAAGGAGGGAAAGGGGGGGGCCTTGGGGAAGAGGGGAGGGGAACGAAA AATACAAAGGGGAACCCCCCCCGAGAGACCGGGGAACCGAGGGGGGAAGA GGAAGGCGAGAGCCAGAGGGAGAACCCCAGAAAAAACCAAAAAGAAAAAA AAGGAAACGAAAGAGGAAAAGAGGAAGAAGAGGAAGAGAGGGAGGAACAG CAACAAGGAGGAAGAGGGAAAGGAGGAGAACCAGAGGAAAGGGGGGGCAA G GAAGACCGGGGCCAAGGAGGGAAAAGGGAGGAGAGAAGGGAGGAGCCC AGAGAAAGAAAAAAGAACCGGAGAAACACGGAAAAAAGGGGGGGGGGAAA AAAAAAAGAAGCCGGAGAAAAAGACAAAAAAGGCCAGGGGGGAAGGGAGG AA GCCCAACGGAGCAGGAAGGGGGGAGGGGGAAAAGGCCGGAAGGAGGG GAAAGGGGAAGGAAGGGGCCGGGGCCGGGAAGAAGAAAGGCAAAACGGG G G G G G G G G G G G G G G GAA $\operatorname{A}$ GGGCCGGCCGGCCCCGGGGGGCCAAAGAGGG AAGAGGAAGAGAGGAAAGAAAAAAGACAGGACAAAGCCAGAAGGAAAGAG AA $\operatorname{G}$ GGGAAAAAGAGGGGGGGGGGAGGGGGGCCAAAGGGAACCTTCAGAA TAGGAATAAGGGGGGAAAAGGGAGGGGAGGAGGAGAAGGGGGAGGGGCC AAAAGGCCGGGGGGGGAAGGGGAGCGGCCCAGGAGGAAAAGGAAGGGGA ACCGAAGCAGGAGGACCGAGGAAGGCCGGAGCAAAGGAAAAGGCCAAAGG AGAAAGAGAAGAGGGAACAGGAAGAAAAGGGGGGGAACCAAAACCGGGGG

GAGGGGGAAGGAAGGGACAGAGGGGAGGAGAAGAAAAGAAGAGAAGGAC AGCCGGGGAAGGAACCAAAAGGGGAAAAGGGGAAGGAAGGCCAAAAAAGG GGAAAAGGAAAAAAAGAAAAGGCCATACACGGGAAAAAGGGGAAACAAAG GGATAAGGGGGAGGAGAAAAAAAGGAGAGAGGAAAGCAGAGGGGGGCAA GAAAAGAGAGGAAAGAAGGAGACGGAACCGGAAGAAAGAAACCAAGAACA CAAGAAAGACAGAAGGGAAGGGGAGAGGGGGGGGGAAGGGGAAAGGGCC GGAGGGAAGGGGGGACAGAAAAGAAAAAAAGAGGAAAAAAAGGGAAAAAA GGAACAAGGAAAAGGGAAAAAGGAGGAAAGAAGAAAGGAGGGCCAAAGGA GAGGAACAGAAGAGAAAGAGGGAAAACAGGGAAGGGAAGGAAAAGGGGGA AACCGGGGAAACAAAAAAAAGGAAAAAAGGGGGGAGCAGGAGGGGGAGGG GGAAAAGGCCGACCGGGGGGCCCCCCAGAAACCCGAACGGAAAGAGAGAA AGGGAAGGAAGGAAGAGAAAGGAAGGAAAAGGAAGGAACCGGAAAAAAGG GGGGAAGGGGAAGGCCAAGGAAAAGGGGCCGGGGAAAATTAAAAAAGGG GGGAAGGAAGGAAAACCAAGGAAAAAAGGAAAAAACCAAGGAAGGGGGGG GAAGGAAGGCCAAGGAACCAAAAAAGGGGGGAAAAGGAAAAGGAAGGAAA AGGAAGGCCAAGGCCCCGGAAGGGGAAAAGGAAAAAAGGAACCGAAAGAG GGGAAAAGAAGGGAGGGAGCAAAGAGAAAAAGGCCAAGGGGGAAAAGAGA AGGGGAGGGAGAAGGAAAAAAAAGGAGAAGGGGAACCTTGGCCCCGGGAC CAACAGACAGGGGAATAAGGAAGGAGAAGAGGAAAGGGGGGAGAAAAGGG GCCGGCGGGGGCAAACCGGGGGGGGGGGAAGGAAGAGAAGGGAAAGACA AGGGAACGGGAGAAGGGGGGTTAAAAAAGGGGAAGGAAAACCAAAAAAAA GGAAAGAACAAAGAGGACGCGCAGAAAGGACAAGGAAGCAGGGGAAATAG AGAACCGGAAGGCCCCGAGGGGCCGGAAGAGGGGAACCAAAGGAGGCAGG AAAAGAGATAAAAAAAAGGCAACCAGAGCCAACCGAAAGGACAAGGAGCC AGGGGGGAAAGGCAAAGGGAAGAAGGACGAAAAAGGAGCACCCCGGCCCC ACGGAAAGGAAAAAGGTTGAGGGGCCGGCAAAGGAAAAGAAAGGGGAAAA GGAAAAGGAAAAAGATAGAAGAAGCCAAAGAAAAAAGGAAGAGGAAGGAA GAAAGGGAAGAAAACCGGGGAAAAGGAGAGAACAGAAAGAGGAGAAAAGA CCCCAGAAAGCGAAGAAAAAAGGGAAGGAAAAAAAACAGGGAAAAAAAAG AAAACAAAAAAAAAAAAAGGAAAAAAGGGGGGGGGGGAAGAAGGACGAGG GGGGAAGGACAGAAGGAAACCCGGAGAAGGAAAACAAAGGAGCCGAGGAG GGAGATGGAAGGAAGAAGGAGGGAGAAACGAGAAAAAAAACAAAAGCCAC GGCAGGGGCCGGAAGGACGGAAGAGGGGCAAAAGAAGGCCAAGGAAGGA GCAAAGGAAAAGAAAGGCAGGGGAAAGAAACGGGGGGGGAACAGGGGAAA AGGCCAAAGCCAAGAGAAAGGAACCTTGGGGCCAGGGGGGGGAGGGGGG GAAGCAGAAGGGACGGGAAGAGGGGAAAGGTAAGGAAAAAGGGGAAGAG GGGAAGAGAAAAAAAGAGGAAGGGGAACAAAGGAAAGGAAGAAGGAAGGA GGGAGGAGGGAGGACGGGGAAGGGAAAGAGGAGCCGAAAAGACAGGAAG AAAAGGAAAAAGGGTTAAGGACGAAAGAAAAAGGAAAAGGGACCAAAGAA AAAGGGGGCCGGGGCCTTCCAGGAAGAGGAAAAACGCCAGAGAAAAGGAA GGAAAAGGAAAGAGATGGAGCAAGAACCGGCACCGGAAGACCAAGAAGAA GGGAAAGGAGACATGGGAAGGACCAGAGAAGGGGGGAAGAAGAGAGGGC CAAGGGGGGAGAAAAAAAAGGGACCAAAAGGGGGGGGAAGGCCAAACGAG GGGAGAGGGGGAAGGGGGGAAGGAAAGGGGGGGAAGACCAAGAACGACC AGGAGGAAGAAGGAAACCGGAAAAGGAACAGGAAGAAACCGGGGGAAGGG AAAAAAAAGGAACCGAGGAAAACCAATAGGGGGAAGGAAGAGAAGGCCAA AAAAAAAAAAAAGGGGGGAAAACCCCTTCCGGGGAAGGTTAACCCCAAAG AAACAAGAGGAGGGGGGAGAAATACAGAAGAAGGGGAGGAAAGGAAGGAA GAGACCAGCACAGGGAAGAAAGAAGGAGGGAAAAGGGGGGGGGGAAGGA AA G GAA GCAAAAAAAAGGGAGAAGAGGAAAGGAAAGGGGAGGGGGAAGGA AGGGGGGGGAAGGGGAAGGAAAAAAAACAGAAAAGGGAGGGGGAAAAAA GGAAGGGGGGGGGGATGGAATTGGAGGGAAGGAAGAAAGAGAAGACAAA AGGGGCCAAAAAGCACCAACAGAATGAAAAAATTACCAGAAAAGGAGAAG GAAAAAAAGGGAACCGGAAACGGGGCCAGTACCGGAAAAGGGGGGAAAAA AGGGGAAAAGGAAAACCAAAAAAAAGGAAGGGGGGGGAACCGGAAAAAAG GGGAAAAAAAAAAGGGGGGGGAACCGGGGGGGGAAAAGGAACCAAGGGG GGGGGGAAAAGGGGAAAAGGAAAAGGGGGAAGAAAGAAGGAACCGAAGA GCAAAGGTTACAGCCGACCAAAAAGGAAAAGAAAAGGGGGAAAAAAAACG GGGGGGGAAAGAGGGGGAAAAGGAAAAGAGGCAAGGGAACAAATTAACCA GCCGGGGAAAAAAAGAAGGAATAGGAAAAGGAAGAGGAAAGCCAAGGAAG GAGAGCCCAAGAAAACCAGGGGGCAACGGGGAGAACCGGGAGGAATAGGG

GGGAAAAGGGAAGAGGAGGGGGGAGAGGGAGAAGGTAAAGGAAGGGGAA AACCAAGGGGCCGGTTGGGGGGAAGGGGAACCAACCAAAAAAAAAACCCC AAAAAATTGGGGAAAAAAAAAAAAAAGGAAGGCCCCAAAAGGAAAAGGGG AGAAAAGGAAGGAAAAAACCGAAAGGAAAGAAGGACGGAAAAGGAAGAAA CAGGAAAACCAAGGGGGGAAGGAAGGGGGGGGAAGGGGCCAAGGTTGGA AAAAAAACCAAAAAAGGAAGGAAAACCAAAAAAGGGGGGAGAAAAAGGAA ACCAACCGGTTAAAAAGCAGGAAAAAAGGAACCAAAAGGGGGGAAAAAAA GAAAAAGGGAAGGGAGGGACCGGGGGAGGGAGACCACACGACATTGGAAA GAAGAAGCAGAGGAAAAAGAACCGGGGGGGGAAAACAAGGGAAAGAGCAC AGGAAGGAGAGAAAACCCCGGGGGGGGAAGGAACCAAAAGGAAACAAGAA GCACCAAAACCAGGGACAGCCCCAACCAGAGCCGGAGGGAAAGCCGAAGC C G GA G G GA G G G G G G G G G G G G GCCGGAAGGGAGGGGCCGGAAAACCGGTT G GACGGCCGGGGGGGGAAGGAAAGGGAGAGAGACAGGGAAAAAAAAAAAA AAGGGGCCAAGGAAACAGAGGAAGGAAAGGGGAAGGCCGGAGCGCAAAGA AGCCAAAAAAGGCCAAGGCCAAGGCCAGGGGGGGAAAAGGGGAAGGAACC GGGGAAAAAAAAAAAACCAAAAGGGGCCGGGGAAGGAAAAAAGGAAAACC GGAAGGAAAAAAGGAAAAGGAAAAAAGGAAAAAAAAAAAAAAAAGGAAAA GGAACCCCAAGGAACCAACCAAGGAAAAAAAAAAAACCGGAAAAAAGGCC AAGGAACCGGCCGGAAGGAAAACCAAAAGGCCGGAAGGGGGGAAGGGGAA G G G GAA G GAAAAGGGGAAAAAAAAAAAACCAAGGAAGGCCGGGGCCGGAA G G G G G GAAGGCCGGGGAAGGAACCAAAAAAAAAAAAAAGGAAAAGGGGCC G GAAAACCGGAAGGGGAATTGGAAAACCCCGGCCAAGGGGGGAAAAAAGG AAAAAAGGAAAAAAAAGGGGGGTTAAGAAAAGGAGAGGAGGAAAGGGGAA GGCCAGGAAAGGGGGGGGGACCGGAAACAGACGGAAGGAAGGCCGGAAG GAAACGGGAAAGGAAGGAGGGGAAAAGACGGAAAAGGAAAAAAAAAAAAG GGATTCAAAAAAAGAAGGGAGAAAAACATGAAACCGGAAGAAAGAAAGAA GGGCCCCGGTTGGAAAAAAAAGGGGGCAGGGAAAAGGAACGCCAGGAAAG GGGGGGAAAGGAAACAAAATTAAGGAGAAGAGGAAGGAAAAGGGGAAGGG ATTGGGAAAAAAGGAGACCGGGGAAAAGGAGGGGGGAACAGAGGAGCGG GGCCAAAGCCAACCAAGGGGCAAGAGAACACAGACGGGGGGGGGGAAAGA AAAAGGAAGGAAGGAAAGAAAAAAGGAAAAAAGGGGACCCGGAGAAAAAG ACGAGGCCAAAAAGCCGGAAAATTGGAGCGAAGGCAGAGAACAACCACAA G G G G A A G G G GAACCAATTAAAAAAAAAAGGAAAAGGAACCAAAAGGGGGG G G G G A ACCGGGGGGAAGGAAGGGGCCGGAAAAAAGGGGGGAAAAAAGGG GAAGGCCAAGGGGGGAAAACCGGGGCCAAAAGGGGAAGGGGAAGGGGCC GGAAAAGGAAAACCAAAAGGCCAAAAAATTAAGGAAGGGGGGCCAAGGGG AAAAAAGGAAAAGGGGAAGGAAGGAAGGAAGGAACCGGAAGGGGGGAAAA CCAAAA G G G GAAAAGGGGGGGGAAGGAAAAGGGGCCAAGGGGAAAAAACC AAAAAAGGGGAAGGAAGGGGAAAAGGCCGGGGCCGGAAGGGGAAAAAAG GAA G G G G G GAA $\ln$ GAAAAGGGGGGAGGGAAGGGGAAGGGGAGAAGACCCC AA $\operatorname{G}$ GGGAAGGGGCCAAGGTAGAAGAGGATAGGTTCCGGACGGGGGGAAG GACAGAACGAGGAGGGGAAAAAGAGAAGAAAGGCCAGGAAGGGAAGAGAG GGAGAGAAGAGACCAAAAAATGGAGAAAAAGGAAGAAGGAGAAAAGGGAA GAGAGGGAGCCTTGGGGGGGGGGAGAAGGGAGACCGGAGGGCCGGAACC AGGAGAGAAAAAAAGAGGCCGAGAACAAGAAAAAGGAATTACCAGGAACG AAACAGAAGGAACCAGGAGGGGCCAAGGAAGGGGAAGAGAGAAAACTTGA GGAAAGAAAGAGGGAGGGGGAAAGAACCAAAAGGAAGAGACCCCAAAAGG AGGAAAAAAAAACAAAAAAAGGGACAGAGGAACAGGGAAAGGAGGACCAA G G AAA G G GAGAGGAGAAGGGGAAAAAAAGGAGAAGGGAACGAGGGACCG GAGGGCCAGCCAGGGGAGGGGCCGGCCGAACGAAAGAGGCCAGGGGGGG AACCAAAGCCAAAGGCAAAAGGAAAAAGCCGAGAGGAAAACCGGGGAGAA AA A A A GAGGGAAGGGAAAGGAAGGGGGAGAGGGGGGGGGGAGGAGGAAA GACGACCGGGGAGGGAGAACCAAGGAGGAAAGGGCAGGGCAAGAGAACAG GAAAAAAGGGGAAAAGGAACCCCGGAACCAAAAGGGGAAAAGGGGAAGGA A G G G G G G A A G GAACCAAAACCGGGGGGAAAAGGGGAAAAGGAAAAGGGG AAAAAAGGGGGGGGCCAAGGAAGGGGGGAAAAGGGGGGAAGGAAAAGGG AAAAAAAGGGGAAAAAAAAGACCCCAAGGGGAAGGAGAGCAAAAGCCGAG GGGAAGGGGCAAAAAGGGGGGAAGGAGAGAAAAGGGAAACCGAAAAAAAG AGGCCAGGAAAAGGGCCGGAGAAAAAGAAGGGAAACCAGGGAGGGGAAAG GAAACGAGAGGACAAGGGGAGAAAAGGGGGGCCGGAGCCGAGGGGAGGG GGCCGGGAAGAGGAGGGGAGGGGGGGGAGGAAGGCCAAAAGAAAAAAAA

GAAGACCAAAAAGAAGGGAAGGGGAACACGGAAAAGGAAAGACGAGACCA AGGAGGAACGGACAGGGAAAAGGACGGAAGGACAGAAGGAAGACCGGGG GGAAAAGGAAAGTTAGAAAAAGGAAAAACCAAAGAAAAGGAGCCCCGGAA AAAGAAAGAGGGCAGGGACCGAAAGAAGAAGGGGAAAAGAGGGAGGAGGA G GAGAGCAAAGGGGAGAAGGGGCAGAAAAGGGAAGGAGAGAGAAAGGAC AA $\operatorname{l}$ GCGGAGGGAGAGGGAGGGGGAGAAGGGGGGGGGGAAGGCCGGTTGG AACCGAGAGAAAGGAAAAGGGGAAGAAGAAGAGGAAAAAAAAAACAGGAA AGAGAGAAAAGAGGGAAGGGGAAGAGGGGGGGCCAGCCCCAAAAAAGGAA AAGGCAAGGGAAAAAAAAAAGGAGAGGACCGGGAAAAGAGAAGAAACCAA GAAGGAGAGAAAAAAAAAAACAGGAAGGAAAGAGGGGGAGGGAGGGAGG GGGAAAGCGGGGGCCAAAACCGAAGAAGGAAAAGGGAAAAGAACCAAGGA CAAGAAAGAACGAAGAAAAAAGAGGAAGAAGGGAGAAGGGGGAGAGGAAG GGGAACCGGCCGGGGAAAGAAGGGAGGAAGGGGAAGGGAAAGGAAGGAA CCAAGGGGAAAAGACCAAGAGAAGAGGACAAGAGCCAAAAAAGAAAGAGG AA G GAGGGACACGGAAAAGGGGGGAAGGAAAAACAGAAAAAAGGGGGGAA GGGACCGGAAAGAGGGGGAAAGGGCAGAAGGGAGAAGGAAGAAAAGCAA
 G G G A A G G A G G GAAAACCACGGGAGGAGAGGAAAGACCTTAAGGCCAAGGG G G G AAAAGGAAGAAAAGAAGGGAGGGGAAAAAGGGAAGGGAGAGGGGGA AGGACAAGAGCAGGGGGGAGGGGGGAAGAGGGAAAAGGGGGGGAAACCG AAGGGAACCAAAAAACCGGGGAAGAAAAAAAAAAGAAAAAAGGAGAACCA AAAAAGGCAAGAAGAAAAGGGAGAAGGAAAGAAGAGAGGAAGGCAGGGGA AGAGAGAGAAGAAAAAAAAAAGAAGAAAAAGGGGGGAATGACCAACCGCA CAAGAAGGGGGGGGGAGGACAAAAGAGAAGGAAGGCCCCAAAAACAGAAG GGGAAGGAAAAAAGGAAAAAAAAGGAAGGAAAAGGAAAAAATACCAGGAA CGGAAAACCAAAAGGACCCGCGACCGGGGAAAAAAAAGGGGGGCCGAACA AAGAAAGAAGAGGAAGGAAAGACAGAAGGGGGAGCGGAGGAAAAGCAAAA A G GAA $\operatorname{A} A \operatorname{AGGAAAGGGGGGAAAGGGGGGGGGGAGAGGACACGAGGAAGG}$ AGAAAGCGAAGGGGGGCCGGGAAAGGAGCCAACAGGCACCGAAGGGAGG GCAGAGGGGCCAAAAAAAAGAAACCAAAACCAAAAAAAAGAGAAAGGGGG GGGGGAGGAGGGGAGGAGAGAGGCCAAAGGAGGGAGAAGAAGAGGAAAG GGAGAAGGGGAAAAGAGGAGAAGGGAAGAAGGGCGGAGGGAAGAAAAAA AAAAAAAGGAACAAGGGAGGAGAGGGGGGAAGGGGGGGGTTGAAGACAA A G G G G G G G G G A A CCAAAAGGAAGCAGGGCCGGCCAAGGAGAAGGGGAAG AGAAAGGCCAACACCAGAAGGCGCAGGGGAAAACACCAAGGGGGGAAAAT
 AA G GAGAGAGAGAGGAAAGGACGAGGGACAAGCAAGAGGGGAAGGAGGA AA $\operatorname{l} A A \operatorname{A} \operatorname{GGGAGAACCGGAAGGAAAAGGAAGGGGGGGGGGGGGGTTAAGG}$ AAAACCAAGAAAGGGGGAAGGGAAGGAAAACCAAAAGGAAAAGGAAAAAA G GAACCTTAATTGGAAGGGAGACAGGGAAAAAAAAGGGGGGGAGGGAAGA AAGGAGAGAGGGGACAGAGAAGAAGGGGCCAGAACCGGGGTTAAGGGGA AAACCAAAACCGGGGGGAAAAAAGGAAAGGAGGCCAAAAAGAAAAAAAAG GCCCCAACCAAAAGGAAGGAAAGAGGAGACAAGAAGGAAAGCACAGGGGA ATTGACCGAACGGGACCAGGAAAAGGGAGCAGGAGCAAAGGAACCGGGGG GGGAAAAAGGCGGGGGGGGAAAGAAAAGGGGGGGGAAGGAAAATTAGGG AGAAGGAAAGAGAGAGAAGAGGAAAAAGGAAAGGAGGCCCAACCAAAAAG GGAAAGAGGGAAGGAAGAGACAAAGGAACCGGAAAACCCCAAACAGGGCA AAGAAACAGGAAAACCGGGGAGAAGAAGCCAGACGGCAAAACGGAGGGAA AA G GAAAAGAGGGGAAAAGGAGAAGGAAGAGGAAGGGGAGGAACAGGGG AGACAGGAAAGACGGAAGGAAGGGGAGGCAGAAGAAAGGTTAAAAGGGGC CAGGGAGCAGGAGAAAAAAAAGGCCAGGGAAGGGGAAAGCGGGAAAACCC CAAGGGGGAAGAGGGGGAAGGAGAGAGCCAAAAAAGGAAGGGGAAGAAG AAAAAAAAGGCCGGGGAACCGGGGGGAAGGAGGGGACCGCCAGGGGAAG AGGAACAAGAAGAGGAGGGGGAAGGAGAAAGGAGAAAAAGGAGGGAGGG G GAAGGAACCCAGGCAGGGGCCGACAAGCCGGGGAAAAGGAACCAAGGAA AAAAAAGGGGAATTGGGGAAAAAAAACCAAAAAAGGAAGGAAAAAACCGG GGGGCCGGGGAAAAGGAAGGAACCCCGGAAGGGGGGAAGGGGAAGGAAA AAACCCCAACCGGAAAACCAAGGGGGGAAGGGGAGAAAACCCCAAGGAAG GCCGGTTAGGGGGGGGGAAAAGGAAGGAGGAGAAAGAAACCGAGAAAGG
 GGAAAAGGCCGGGGAACCAAGGAGGAAGAAGAGGTTGGAAGGAAGGGGA

AA G G GCCAAAACCGGGGAAGGGAGGGGACGGGGGGGGAAAAATGGAAAA A G G GAA G G GAAGAGAGAAGAGGGAGCAAAAGGAAGAGGAAGGAAGGGAA A G G G GAGGAAAAAAGAGACTTAAGAGAAAGGAAGAAGAAGAGAAAAAGGA ACCCCGGAACCCAGGAAGAGGAAGGGGGGCCAGAGAGGAGAGAAAAGAAG A GAACGGCAAGCGAAGGGGGGGGAACCAAGAGGGGCAGGGGCCAAAACCG GCCCCAAAAAAAGGAGGGGAACCGGATCCGGCCGAAGAGAGAAGAAGGGG AGAAGAGAAGAAACCGGGGGGGGGAGGAGAAGGGGAGCAGGGAAGAAAA AAAACGGGGAGAAGAAAAGGAAAGGGAAGGAAGGAAGAGGAAAGGGAACA GAGAGAAGAGGGGACCGAAGGAAGGGAGCCGAAAAAGGCAGGGGGGAGC CCAGGAAGAGGAAACAAAAAAGGGATTGAAAGGAAGGGGAAAAGAGGCCA AAAAGAAAGGAAAGAGAAGGGGGAGGGAGGGGGACGAAGGGAGAAGGAG ACAGAAATAGAAAGAAAAAAAAAGAGAAGGAGGGGGCCAAAGCCGAAGGG CCAAGGGACAGGAGGACAGGGAGGCCCCAAGGGGAAAAAAACAAGAAGGA AA G G G GAGGAAGAGGGGAGGGGGGCCGGAAGGAAGGAAGGAAGGGGAAG GGGAAGGAAAACCCCGGAAGGAAAGAAGGAGAGAGAGGGAAAAGAAGGAG GGGGGAAAAAAGGGGGGAAGGAAAAGAAAGGAAAGGAGAAGAAGGAAAAG GACAGAGAAAAAAACGGGAAGAAGGAAAGCAAGAGAGAGAGCCGGGGGGC C G G A A G G GAAAAAGAGGGGAAAAGGGGAAAAAAGGAAAAAAAACCCCGGG G G G T T G G A A G G G GAA G G A A G G A A G G G G G G G GCCGGGGGGAA G G G G G G G G AAGGCCAAAAAACCAAAAGGAAAAAAAAAAAAAAGGAAGGCCGGAAAAAG AGAGAGAGAAGGGGAAGGGGCCACAAAAAAGGAAGGGAAAGGCCCAGGAG ACAGAAAGAGAAGGAGAAGAAAGGGGAGGAGGCCGGAGGGAAGGGGAAA AA $\operatorname{GAC} \operatorname{A} \operatorname{GAG} \mathrm{G}$ GGAACGGAATTAAGAGGGGGGCCGGAAGGAAGGAAGGGG AAAAACACGAAGGAAGGAAGAGGGGGGAGGCCAAGGGGCCCCGGGGAACC G G GAGGGGACAGGGCAGAGGGGGAGAGCCCGGAGGGGGACAAACGGCAG AA $\operatorname{l}$ G GAACCGGGGGGAGGGAGGGAAAAGGGGAAAAAAGGAAGGGGGGGA GGACGAGAGGACACGGGGAGAAGGCCCCAGAGGGAAAGGAGGGGGAAGC AA $\operatorname{A}$ GGGGAAGGGGCCGGCCGGGGGGAGGAACAACCGGCCGAAGAGAACC A GAGAGGGGAACGGAGGGCCAGGGAGGGAACCAGGGCCGGAGGAGGGGA A G GAGGGACGGAAAGAACCGGGGGGGGAGAAGGGGGGAAGGGGAAGAAA AGAAAAAAAAAAGGGGCAGGACAGAGAGGGGGAAGGCCAGGAAACCAAAA GGGAACGGAAAAGAAGGGAGAGCCGAGAAAAGAACCAAGGAAGGGGAAAA GAAGGGGGGGAGAGGGAGAGAGTTGGAGACAGAAGGGGCCAAAAGGGGA AAACCAAGGAAAAGGAGAAAACCAAAAGGGGAAAAGGAAAAGGGGGGAAG G G G G GAAAAGGGGGGCCGGCCGGAAAAAAGGGGCCCCGGGGGGGGAACC AACAGGGAAGGGAAGGAAAAGGGGAAAAGGGGAAGGAAGAGGCAAAAAGG GGGGAAAAAAGGAAAAAAGAAAAGTTGGCAAAAGGGGAGGAAAAGGAGGG AAAGGGAGAAGAACGGGGAAAAGGAAGAAAGGGGAGACAAGGCCAAGAGA AGAGAAAAGAGAACAGAGAGGGAAAGGGCAAACAAAAAAGGGAAAGACAA ATCCAGGGCAAGAGAAGAAAGGAAGGGGAACGAAAACCAGAGGGGGGGCA CCAAAAAAAAAAGGAAAGGCGGCAGGAAGAGGTACCAGAAAAGGCAGGAA AACCAGGGAAAAGGACCCGACCAAGGCCAAAAGGAAAAAGAGAGAGAAGG AGAGACCCAAAAAAGGGGGGCCGGAAAAAAGGAAAAAAGGGGGGACAAAG GGAGGGAAAGGATAAAAAAACAGACGCGAAGAAAAGGAAACCGGCAAAAG G GAGGAGGAAGGCCAAAACCAAGAAAAACAGAGGGAGGAGGGAAAGGGGG GGAAACAAGAGGAAAAAAAAGACAAGGGAGGGGGCACAGGACAGCAAAAG GAAAGAAAGGACAGGGAAAAAAAAAACACAAAGGAAAGGAGGGGAAACGG AAGGAGAGAGGAGGGACCAGGGAAGGGGGAGACCAAGGACCGGAAAGAG GAAAACCAAGGAAAAGGAAAAAAAGGAAGGGAACCCCAAAAAAGGAGAGA AAAAAGGGGGAGGGGAGAGGGAAGATTAGGGAACCAAAAGAGGCAGACCG A G G GAGGAGGGAATTAAAAAAGGAAAACCGGGGCCCCAAAACCGGAAGGA AAAAAAGGAAGAGCCAGAGCATTAAAAAACCGGAACACAAAGGGAGGGGA A G G G GAGGGGGCCGGAAAAGAAGGAGGAGAGGGAAAGGGAACGGGAAAA GGAGAGACAGAACCAAAACCAAGGCCCCGGAGAACCAAGGGGGGGAGGGG AA $\operatorname{l}$ GGAAGGGAAAGAAGGAGAGGCGGAGGGAAGAGGAACCAAGGGGCCG
 GCGCAAGGGCACACCAAAAAAAGAGAGGAAAAACCACCCAACAAAGGAAG AGGAAGGGGAAAAGGAGGGAAAACCAACCAAAGACGGGAGACCAGGGCCC AGGGAAGACGGAAGAAAAAAGAAGGCCGGAACCAGGGAAAACCGGGGGGG CGGAAAACCAAAAAAAAAAGGGGGGGGGAGGAAAAGGAAGGGAAAGGATC CAAAAGGGGCCAACCGGGAGGAAGGAAGGGGAAAAAGGGGAGAAGAAAGA

AAAAAAAAAGAGGCCCCAGAAGGGGGATTAAGAAAGGACGGAAAGAGCCC A G G G GCCGATAGGGAGGCCAAAAGGCCGGGGAAAAAACCGGAAAAGGGGG GAAAAGGGGACAGAGAGGGACGGAAAAGAGAGGAGGGGGGGAAAAAAAA G G GAGGGGGGGGAAGAGGGGAAGGCCAAAACCGACCAAACCCGGCCGAAG AAAAGAAGGGAAAAGGGACCACGAAGAAGGGGGGAAAAGGAAAAAAGGGG G GAATTGGAACCGGGGAGGAACGGGGGAGGGGCCCCGGAACAGAAAGAAC A G G G G G AAAAAA G GCCGGGGGACAAGGACCAAGGAAAGGGAAGGGGGGG GCAGAAAGGCAAAGGGGAAAAGGGGAAAACCAGAGGACAAAAAGGCAGGA A GACCCCGGGGAAGGCCGACAGGCCAACCGGAAGGAGGGGGAGAAACAAA AAAAAGAATAGGGAAAAGGGGAGAAGAGAGGGAAACCAAAGAAAAGAAAA CAGAAGGAATTAAAAGGGGGGCCAAACACAGGGACAGAAAATTAGAGAAA AA G G G GCAGGGAGAAAAGGGGGGGAAAGGAAAAGGAAGGGGAAACAAAG GAAAAAAAGGAAGGGGAAAAGGAAGGGGGAAAAAAGAAGGTAAGAAAAAA AAGACCGAAGAGGAGAACGAAGGAAAGGGGAGGGGGCCAGAGGAGGAAG G GAGGAGAACCAGAGGGAGAAGGAGGAAAAAAGAAGGGGAAAAACAGAAG GTTAAGGGGAAAAGGGGGGGGAAAGAGAAACCCACAAGAGGAGACCCGGG G G G G G A A GAACGGGGAGGGAAGGGGACGGAAAAAGAGAAAAAAGGGAAA
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AAAAACGGCAGAAGGAGAAGGGAGAGAAGGAGGGAAAAAAGGAATTAGCA GACGGGAAGAAACAGAGAAAGGAGCCGGGAAAGGGACCAAGGAGGAGGCC AGCCAAAGAAGGGGAAAAGGAACCAAAGGGAGGGGGAAGGAAGAAGAAAG
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 G G G G G A A G G G A GAAA G GCCGACCGGGAAACCGGAGGCGGGGAAAAGGGG GAGGGAGGAGAAAAGGACACACGAAAAAAAAACCGGAAGGAACCAGAAGG AAGGAAAAGGAAAAGGCCGAAAAGAGCAAAAAAGAGGAAGAGAAACAGAA A GAGAGGGCGCCAAAAAAGGAAGGCCGGGAAACAGGGGAAGGAGCCGGAA G G A A $\operatorname{G}$ GGGAGAGGGAGGGAGAGGGGGGGAGACGGGGAAGGGGAGAGAGA G G G A A GAGGGGGGAAAAAAGGAAAAGGTTTAGGGGGGGGAGAAAAAAGG AGGGAGAAGGCCGGACCCAAGAAAGGGGAACCGGGGAGGAAAAGGGGGA CGGGGGAAGAAGGAAAAAAAGGGAACCGGAACAGGGAGAAGGGGGGAGG GACCAGACGGGAGGCCGAGAGGGGAAAAAAGAGGGAAAAGGAAGGGAAAA AAAAAGACAAGAAGGAAGGGGGCCCCAAAAAAAAGGGGGGGGAAGATAAG GAGGGGGGGGTAGGGGAAAAGGCAAGAGGGAAGGGGAAAAGGAAAAACA GCAAAGGGGGAGAACAGAAGAGAGAGAGGGAGGGCAGGGGGGGGGAAAA GAGGCAAAGAAAAGAAAAACCCGGGGGGGAGAGACCAAAGACCCAAGGGG AAGAAGAACAGGCAGGGAAGAGAGAGAGGAGGCAAAAGAAAACATTGAAG A GAA $\operatorname{A}$ GTTAAGGGGCCAGGGGGGCGGGAAAAGAGGAAGGGGGGGGAGAG AA $\operatorname{l}$ GAAA $\operatorname{A} G \mathrm{G}$ GAACCGGGGGGAAGGAAAAGGAAAAGGGAGGAAGGGAAG AA G GAAAACCAAACGGAACCAAGGGGGGGGGGCCAAAAAAAAAAGGGGCC
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 AA GAAACCAGGGAAGGAACCAAAAAACCGGGGCCGGAAGGAAGGCCAAGG GGAAGGAACCGGGAGGAGAGGGCCAGAAGAAAGAGGGGGGGAGAACAGC AGAGAAAGGGGAAAGAGGGAAAAAACCACCCAGCCCAACGAGGAACAAGG AA $\operatorname{H} T \mathrm{~T}$ GGGGGGGGAGAAAGGGAAAAAAAAGGGAGGTTGAGGGAGGGGGG AGAGAGAAGGCAGGACAAGGGGGACCGGAAAGAAGAACAAGGGGGGAAAG ACAGAGGAGGGGGGCCAAGGCCAAGAGGGAAGAACAAAGACCCCCCAACC GAAAACAGAAAGAAAAGAGAAGGGGATAGGGGACAGAGAACCAAGGAGGG GGAGAGAGGGGGCCGGAACCGGGGAAGACCACAAAAGGAAGGGACCAACC CCGGGAAAAGGAGGAGGGGGGAGGCCGGAACAGGGGGAGAAAAAAAGGA

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 A G G G G G G G G G G A A A A $\operatorname{la} A A G G G A G A G G G G A A G A G A A C C G G G G G G A A G G G G$ G G AAA $\operatorname{G}$ GGGGAAGGGGCCGAAGAGGGACGGGGAAGGAGAGACAGAAAAG G G G G G G G A A G G A A A A G GAA G G GAAGCCAAGGAAAAAAAAGGGGAAGAAGA AAAGCCAACCACCGGAAGGGAGGAAAAAAGGGGAACCAAAAAAGGGGAAG GGGAAAAAAGGCCGGAGCCGGAAAAGGGGCCAAGGCCGGAAGGGGGGCC GGAGAAACGAAAAGGGAAGGAAACAAAGAGGAGGGGGGGGAAGGAAACG GGAGAGGACGGAGCAGAAGGGGGGGAGGGAAAAGGAAGAAGGAGGAAGG AAAAGAGGGGAGGAGAGAGGAAGGGACAAGCCAGAAAACAGGAGATGGAA AAGGAGGAAGTTCCCCAAGAGGACAGAGAAGGGAGAAGCAAGACAAACCA GAGGGGAAAAGGAGGAGAAGCCAGAGAAAAAAGGGAAGAAGAGGAAGGG GGAGGGGAAAAAAAAAGGGAAGGCCGGCCAGGGAGAGAGAAAGGGAGAAA ATTCCGAAAGGAAAAGGGGGGGGAGGGAAACGGGGGGGGGGGGAAAAAA AAGGAAGGAGCAACAGGGAACCACAGGAAGAAAACCAAAGAAGGGAGAGA GACCGGACAGAAGAGGACCCCCAAGGAAAAGGAAAGACAAGGGGAGCCAA AA G G AA GAAAAAAAGGACAGGGGGAAGGCCAAAAGGAGCCAAGGAGGGAA GGAGAAAGGAGAGAAGGGAGAGGGCCGGAAAGGAAGAAGGGGAAAAAGG GAAAAAGAGGGAAGGGGAGGGCAAGAAGGAGAAGGCCAAAGAGAAGGAAG GAAAGCCAGAAGGGGGGAGGGGGAAAAAAGGAAAGAGGAAAAACAAGGAA CAGGAAGGAAGGGAGGGAAACGGAAGGAAAGAAGATTGGGGAAGGGGGG
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AAAGGAAGGGGAGGGGGGGGGGAAGAGACAGGGAAAAAAGGGGAAGGGA G G GAA G GA GAGGGCAGTTAAGGGGAAAACAGGGAAAGAGGGGAAAGAAAA G G GAA G GAGGGAAAAGCCGAAAGGAGAAAGGGACGGCCCAGAGAGAGGCC AAAAAGAGAAAAGGAAAGGGGGCAAAGGCCGGGGAAGGGGAAAAGGGAGA GAGGAAAGACGGGGGGGGGAGAAGAAGGAAAAACAGAGAGGGAGAGCCA AGACCCCAAGGGGGAAAAGCCAGGGGGAAGGAAGAGAAAGGAAAGCCGAA GTAAAGGAGAGGGCCGGAAAGAGAAAGCAAGGAGGAAAAGAGGGGCCAGC AAAGAACGAGGCACCCCACGGACAGAGGAAGAAAGGGGGAAGAACGGGGA AAAGAGGAAGAAAGGCAGGGGAAGGGGGGGAAGAAAAGGGGAAAAAGAG GAAAAAAACAAGCCAACCAAAGAAGAAGGAGGGGAGAAAAGAAAAAGGCC CCGGAAAAGAGGAGACAAGGAAGGGGCCAGCAGGCACAGGAAGGAAAAAG GGAAAAGGCCGAGAAGAGGCATAGAAAAAAAAGAGGGGGGGGGGGAGAG G G G G G A TAA $\operatorname{A}$ GGGGGGGAACCGGGGGGGGAAAAGGAAAGGAGGGGAGGA AAAAGGCGTTAAAAAAGGAAGGGGGGGGAATTCCAACCAAGGGGGGGGGG AAGGAAGGAAAAAAAAAAGGAAAAGGGGAAAAAAAAGGGGAACCAAAAAA AAAAAAGGAAGGGGAACCAAAAAAAAAAAAGGAAGGAACCAAGGGGAAGG AAAACCAACCGGCCAAAAAGCAGAGAAAAAGGAAGGGGAAGGCAACAAAA AAGGGGAAGAGGAGCCGGCCAGGGGGAAAAAAGGGAGGAGAAAAAGGAG GCCAAGGAAAAAAGAAAGGAAGGGACCGGAAAAACAAAAGGAAGGGGAAC CGAGAGGAAGGGGGGAAGGGGAAGAGGAAGGAAGGAAGGGACAAAAAAA G GAAGGCACCCCGAGAGGAAAGAAGGGGGGGGAGCAGAAGAGAAGGCCA GGGAAGGAAAAAAAAAAGGAAGAAAGAGAAAGGAGGGAGAGAAAGGGAAA GAGAGCCGGGGAACCGGGAAAAGCCACGAACGAGAAGGGAGGGAACGAAC CGGAAGGGGGAAACCGAAAAAAACCGGAAGGGGCCGGGGGGAAGGGGGG AA $\operatorname{G}$ GTTGGGGGGAAGGGGGGGGGGGGGGAAGGGGCCGGAAGGGGAAGGG GGAGGAACCGGAGACAAGGGGGGGGAAAAGGCCCCGGGGAGAAGGGAGG GAGAGGCCGGAGAAGAGAGAAGAGGGGGAGAGCCAAAACCAGGGCAGGAA GGAGCCAAACGGAAGGGCGGATAAAAGAGGAGAAGGGGGGGAACCCGGG AAAAAGGAAGGCCGGAAAAGGGGGGAGGGAGCGGGCCAGGAAGGAAGAA CAAGCCGAGGAAGAGGCCGACAAAAAGGGGCCAACACCGGAAGGAGAAAA AACCGAAGAAAGAAGGAGAAAAAAAAAAAAGAGAAGAAAAAAAAGGGGGG CCAACAGGAGAGAAACAAGAGAAAGGGGAAGAAGAACCAAGGGGAGAGGA AA $\operatorname{A} A \mathrm{~A} G \mathrm{G}$ GGGCCAGAAAAGGAAGGGGAAAGAGGGAAAAGAGAAGAAAGAA ACAAGGGAAAAGAAAGAAAGAAGGCCAAACCCAACCAAGGGGGGCCAAAA AGAGAGAGAAGAGAAGACGGAAAGGGAGAGGAAACCCCAAGAGGCCAGAA GAA GAAGACCAAAAGGCAAAGGGGGGAAAAAAAAAAGGAAAACAAACCAG GAGGAACCGGAGGGCCGAGACCAAAAAAAGAAAAAAGGAGAGGGCCGGGG GCAAAAGAAAGGGGAAGGGGGGGAAAGAAAAAGGCCAAAAAAAAAACCCC AGAAAGAACCGGGAGGGGAAGGAAGGAAAAGGAGGAAAAGCAAAAAGGGA GGAAGGAAGGAGAACGCGAAAGAGAGAAAGAGAGAAAAGGACACGAAACA AAA A GGGGAGGAGGGGATAATAAAACGGGGAGAAACGGGGAACCAGAGAG GACGGGGGGAAACAAGGACCGGCCGGGGGGGGAAGGAAAGGAAAGACCG GCCAAGGGGAACCGGAGGAAGGAGAAAGGAACCAGTTGGAAGGAAGGAAA AAAAGGAAAAAGGGAAAGGGAAGGGAGGAAAGAAAGGAAGGGAAAGGGGA GAAACGACAAAAAGAAGGAAGAGGGAGCCGGGAGGAAGGAAAAAACCACG AGAAAAGAGAAAAAGTAAACCCCAGAAGAGAAGGGGGGGAACCAAAAAAA AAATAAAAGGAGGCCAGACAAAGGGGGGAGAAGAACAAAAAAACAAAGGA GGGCAAACAAAGGACGGAAAAGGGAGGGGGGGGGGAAGGGACCGAGGGA GAGGAGGAAAGGGGAAGGAAAACCGGCCAGACAACCAAGGAAGGGGGGG GAAAGGAAAGGGAGAGGGGAAGGCCAATAAAAGAAAAGGGGCCAAGGAAA AGAGGACAACCAGGGGGAACAAAGGAGAGGGAGGGGGAAAAAAGGGGAG G GAGGGAAGAGGGGAAAAAAGGAGGACAACAAATAACCGGATACAGAGGG CCGGGGCAGGAAGGGGAAAGACAAAAGGAAGAGGGGAGAAGGGGAAGGA TCCGGAAGAGGACAAGAGACCGGGGGGAAGGAGCCGAGAGGGGCCGGAA G GAGAGGAAGAAAGAAAGAGGGCCGGGAAGAAAGACGAAAGAAGAGACCC AA G G A A G G A G A A A A GGGAAGCATAAGGGAGCAGAGGAGAAAAGAAGGGGG AA $\operatorname{l}$ GGGAGGAAAAGGGAAAAAAGGGGAGACGGGGCCGGAAGGAAGAGGG GCAA G G G G G AA G G G G A A G GAGAGAAGGGGGGAGCAGGCCGGAGGAACAA GGAAGGAAAAAACAAGGGACGGAAGGGGAACCAACCAGGGAAGAGAACAA CCAAGGAGAGAAAGGGCAGGGGAATTAGAGAAGGAAACGAGAAGAGAAAA GGAACCGACAGAAGACGGAGGGAAGAAAGAGACAAGGAACAAACCAGAGA

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 GAGAGGCCGGCAAGGAAGAAAGGGAAAAAGAAGGAAGGGAGGAGCAGGG GAAGGAAAACACAGGGAAAGAGGAAAAAAGAGGGGGGAAAAAAGGCCGGT TTTCCGGAACCAAAGGAGAGGGAGGAAATGGGGGGAGAGAGAAGGGGGG GAGGAGGGGGCCGGGAGAGAGAACAAAGAGGGGAGGAAAGGGAGGGGGG GGGCGGGAAAAGGCCGAAGAAGGGAAGAAGAGGAAGAGAACAGGGAGGA AA G G G G G GAGAGAAAAGAGGAGAAGGAGCAAAAAGGAAGGGAGGAGAGA GACGAGAGGAGAAAGAGAAGGGGGGAAAGGAAGAAGGAAAGGAGGAAAG AAAGAAAAGGAAGGGGGGAACCACAGGGAAAAGGGAAGACCCGGGGCAGG AAAAAGGAGGCCCAAAAGAAGGCAAGAAAAGAAAGAAGGGACACGAGGCC A GAA $\operatorname{A}$ GGGGGGGGGAACCGGCAGAGAAGCCGGAAGGGAGGGGCACCGGA AAAAAGGAAAAAAGGAACCAAGGCCCCGGAACCAAAAAAGGAAGGAAAAA AGGAAGGGGAAGGGGAAGGAACAGGAAGGCCGGAAAAGGGGGAAGGGAA GAAGGGCAAGCCGGAGAGGGGACCCCGAGAGGAGAGGAGGAAGACCGGC CGGCCGGATGAAAGAAAACGGGAAAGACAGGAAGGGGCCATAGAGGGAGG A G G G GAGGGAAAGCCGAGGCCAGGAGAAATTAAAAAAGGAAGGAAAGAGG AAAAAGAAAAGGAGAGAGAAGAACCCCCCAAAACCGAAAGAGGAAGAGGA AGAAAAAGGGACCAGGGAAGAAAAAAACAAAAAAAAAAAAGGGACCCAAG GGGAAGGGAGAAAGGAAGAGGGGAAACGGAAAAAAAGAAGGCCAAGGGAG GCAAACCGGGAAGGGAGGAGGAGCAGGGGGAGGCAGGAAGGAAGAAAAA GGAAAAAGGAACAAAAAGAAGGAAGAAAGAAGGAAGACAGGGAAAGCCGA AGAAAAGGAAGACAAGGGGGGGCCAACCGGAAAAGGGGGGCCAGGAGAAA GAAAGGAAAAGGGAACACGGGGGGGAATAAAACCCCAGAGAAAACCGGAG GGAAGGGGGGGGAGAGAACCAAAGAACAAAGAAAAGGGCGGGGAAAGAG G GAGGGGCAGGGGGGAAGGAAAGAGACGGAAAGCCGAAAAAGATTGACAA CCAAAAACCAAGGAAGGGAAAGATAAGAGAGAAGGAGGGGGAGCCGAGGA G G G G G G G A CAAAGGACAGCGAGAAGAGGAGAGCGGGGAGCCCAGGGAAG G G G A GAACAGAAAAAAAAAAGGGAAAACAGGGGGGGGAAGGAGGAGGGAA GAGGAAAGGGAAAACCAAAAGGGGGGGGCCAAGGGGAAAAGGAAGGGGA AGGAAGGAAGGAAGGAAAAGGAAAAGGAAGGGGAAGGGGCCGGGGAAAA GGAAAAGGGGAAAAAAAAGGGGAAAAGGGGAACCAAAAGGGGGGTTGGG GAACCAAAAAAAAGGGGGGAAAAGGAAGGCCAAGGAAGGAAGGAAGGGGC CAAGGGGAAAATTGGAAGGAAAAAAGACCGGCAAAAAAAGGAAGGGGGGA ACCAAAAAAAAGGCCAAGGCCGAGGGGAAGAAACCGGGGGGGGGGAAAAA GGAGAAAGAAGGGAGGAACAGGAGGAGAGGGAGGAAGAAAGAACCGGAA GGAAGGAAGGAGAAGGAAAATTAAAAAGAGAAAGGAAGGAAAGGAACAGA AAAGGGAAGATTACCCAGAGAGGACCCAGGAAGGGAAAGGGGGACACAAA CCAAAGGAAAAAGAAAGGAGAAAGAAAAAAGGACGGAAAAAGGAGGGAGG AGAAGGGGAGAGGAAAGGAGAGGGGGAAAAGCCAACGAAAGGAAAGGGAA

A GAAGGAAGGAAAGGAGAGGAGGGAGAGACGGAAGGCCGGGGAGGGGGG GAGAAGAGAACAAGGGGGAAGCCAAGAAAGGCCGGAAAAAAGGGAGACCG GAAAAGGAAAAAAAACAAGAGGAAGGAAACCGGAAGGAAAAAACCAACCT TGGAGAAAGAAGGAACCAAGGAAGGGGGGGGAAGGAAAAGGAACCAAGGG GCCGATAGAAAGGGGCCAAGAGGAAAAAAAAGGAAGGAAAAGAGGGGAGA GCCGGAGGAAGGGCACCAAGGAAGGGGAAAAGAAAAAAAGGAAGGAAAAA AGGAAAAGGAACCGGAAAAAAGGACCCAGAAAAAAAGGAGGAAGGGGAAA CAGACGGAAGGAGGGCAAGAAAAGGAAAAGAAAGGAAGGAAAGGAGGAGG GAACCGGGGAAGGAAGGAGGGAAAAGGAAAAAAGGGGGGGGGGCAGGGG GGTAAACAGGCCAGGACGGGATAGGGAAAAGAGGAGGGGGAAAGAAAGGA GAGAGAGGCCAAGGGGGGGGGGGGAGAGGGAAACGGAAAAGGAAGGGGA AAAAAGGCAGAGAGAGAAAGAGAACCAAAAAGAAAAAGGGGGGGGGGGGG GGGAGCCAGCGAGGGAAAGGAAACATAAAGGGGGGGGAAACGGAGGAGG CAAAACGAGAGAGGAAACGACAAGAAGGAGATAAAAAAAAAAGGGAGAGA CAGACAAATAAAGGAGGAAGAACCGGGACAAAGAAAGGAAGGAGAGAAGG GGAAAAAAGGAGGGAAAACCGAAGACGGGGGAGGAAGGGACCACACGGGG GGAACCAAAAGGAAAAGAACAAAAAAAAGGGAAGATCCAGAGAACCCATA A GAGGGGGAGGGAAAAGGGGAGGGGAGGAGGGGGAAAAAAAAAGAGGGG GAAGGACAGAGAGAGAGAGCCAACACCGGGAGAGAGGAGAGCCGAAGGGA AAAAAAACCAAGGGGGGAAAAAAGAAGGAGAGGAAAAGGAAAAGGGAGGA GGAGGGAACAGCACGAGGGAGAGGGGGAAAAAGAAGGAAGGAAAAGGGG GAGGCCGGAAAAAGAGGGGGGAGGGGGGAAGGACAAAAAACCCCAAAAAA GGAAAAAAGGGAAGGAGGCCGAGGGGAGGAAAACCCGAGGGGAAGGGGA ACCGGAGCAGAAGAAAAAGGGAAAAAAGGGGAAGGAACCGGAGGGCCAAG ACCGCCCAAGGAAAAGGAAGGAAGAAAGAAGGGGAAGAGGGCCAAGAGGA AAAGGAACCCCAGGGAACCGGAGGGGGGAGAACGAACAGGGAAGACAGGA GAAAAAAAAAGGAGGATCAGAGGAGAGGAAACCGGGGGGCCGGAGAGACA GGGGGAAGGAAAAGGAGAGGGAAGAGGGGGGAAAGACAGCCGAGGGGAG CAGGAAAAAGGGGGAGAAGGGGAGAAAAGAAAAAAGAAGGGAAGAGGAGA AA GAGAAAAAAGGGGGAAGGAGGAGAGCAGGAGAAGAGGGGGGAGAGCA GGGAGGAAGGAAGAGACAAGAAGGGGAAAAGGGAGGACCGGAAGAAAACC CGGAAGGAAGGGGGGCCGGCCGAAAGGGAAAGGAAAAGAGGAACCAAAGG GGGAGCCAACGGACCAAACAAAAAAAAAAAAAAGGGGGGCCACGGCAAGG AGGCCAAGGAGAGAAGAAGAGAAGGGAAAAGGGGAAAAAGGAAGGAAAGG GAGCCAAGGGGAAGGAAAAAAGGAAAAGGGGGGAGAAAAAAAAGGGAACA GAAAAAGAAGGAAAACCGGAACCAAGGAAGGAAGAAAGGAAAACCGGAAG GAGAGACAAAAGGAGAGAGAGGGAAAAAAGGAGGGAAATAGACCCGGACA A GA $\operatorname{l}$ GGGGGAAGGGGAGGGGGAAGGAACCAGGGGGAAGGAAGGAAAAGG G GAACAGGAGGGAAAAAGCCGGAAAAAGAAGAAAAAGGAGACAAAAAAGG GACCGAGAGGAAGGCCAAGGAAAAGGGAAGGGAAAGGGGGAAGGGGAAG AA GCAACAAAAGGGGGGGAGAGGGGCCACAAGAGAGGATGGGGAAACGAA GGGGAGGCAGGAAAAGGAAGGAACCGGGAAAAGAGCCAGGGAAGGGAGA AGAAACAAGGAAGGGGGGTTAAAAGGGGGGGGAAGGGGAAGGGGGGGGG GGGAAAAAAAAAAAAGGAACCGGGGAAAAGGGGAAGGAAAGAGAGAAAAG GAAAAAAAAGGAAAAAAAGGAAGGGAAAGAGGGAAAAAACCGAGGATAAC CCAACGGGAGGGGGAAAGAAACCAGGGAAAAGAGGAGAGAGGAAGAGACA ACCCCAAAAGGGGGGCCCCCCGAGGCGCAAAGAGCGAGGAGAACCGGAAA AAAAAAAAACCGGAAAAAAAAGGGGCCCCAAAAAAAAGGCCGGGGAAAAA AAAGGGGGGGGAAAAAAAACCAAAAAAGGAAGGCCGGCCAAGGCCAAAAG GGGAAAAAAAAGGGGCCAAGGGGGGAAAAGGAAAAGGAAAAGGAAGGAAA A G G G GAA G GAAAAGGGGCCCCAAAAAAAAAAGAAGAGGACCGGGGGGAGG G G GA GACAAGGGGGGGGGGAAAAGGGAAAAAAAGGAAGGGGGGAAGGCC AAAGAAAAGGGAGGGGCCCCAAGGCCGGGACAGGCCAGAACAAAAGGAAA CAGGGGCAGAAAGGGGAAGGCCAAAAGGGGCCAAAACCAAGGGGAAAAAA CCGGAAGGCCAAGGCCGGGGCAGGATAGGGAAGGAGGAGGAAAGGAGGG A GACCAAGGGAAAAAACCCAAAGAGGGGGGGCCAAGGAAAAGGGGAAGGA GAGAAGGAGGGTTGGGGAAGAGGGGGGAAAAAAAACCGGAAGAGAAGGG G G G G G GAAGGGACACCAAGGCAAACCGAGAGAGGGGACCCCCGGAAAAAA GAGAACAAGAGGAACCGGAAGAAGAAGAAGAGAAAACCAGAAAAGGAGGG ACTTAAGGGGGGGGGGCCGAGGAGAGGAGAAGAGGGGAAGAGGGGGCCG GAA $\operatorname{A}$ GGGAGGGGGCAAGGGAAGGGGGGGAAAAGAAGGCCCCGGAAGGAG

AAGGAGGGAAGGGGAAGGCCAGAAAGGAGAGGGACCCAAAAAGGAAGGAA G GAA G GCAGGGGGAGGCCAAAAAGAAAATTCCGGAAAAGGCATTGGAAGG CCGGGGTTAAGACAGGAAAGGGAAAAAAAAAAAGAAAACCGAGACCAGAG GAAAACGGAAAGGAGGAAGGGGAAAAGGAAAAGGAGAAAAGGGGAGGGG AGAAAAATTAGGGAGGAAGGGGGAAGGGGGGAAAGCAGGAAAAGGGAACA AGGAAGGGCACAACCAGAGAAAAAAGGCAGAAAGGTTCCGACCCCAAGGG GGGCCCCGGAAAAAACCAACCCCGGAAGGGGGGAAGGAAAAGGGGCCGGG G G G G G G G G G G G G GAAAAAAAACCAACCGGGGGGGGGGGGGGAACCAAAA G G G G G G A A G G G GCCGGGGCCTTGGGGAACCGGAAGGGGAAAAGGAAAAC CAAGGAAAAGGCCGGGGAAAAGGGGAAGGGGGGGGGGCCGGGGAAGGAA AAAACCCCAAGGAACCGGAAGGAAGGAAGGGGCCAAAACCAAGGGGAAGG AACCGGAAGGGGAAGGAAGGAAAAAAGGAACCAAAAGGCCAAGGGGGGAA AAAAAAGGGGAAAAGGAAGGAAAAGGAAAAGGAAGGAAGGGGAAGGGGAA AAAAAAGGAAGGAAGGGGGGGGAAGGAAGGAAAAAAAAGGGGGGAAGGG GGGAAAAAAAAGGAAGGAAAAAAGGAAAAAACCGGCCGGCCGGAAGGAAA AAAAAGGGGGGAAGGAAGGAAAAAAGGGGAAAACCCCAACCGGCCGGAAG GGGAAGGGGAAGGAACAGGGGAACCGAGGCCGGAGAGGGCCAAAAAGGA CCAGGGAGAAACGGGAAGGGGAGGAAAGCCACACCCGGAGCCCCCCGGAC
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 CAAGGGGGGAAGGAAAAAAGGAACCGGAAAAAAGGGGAAAAAAGGTTAAG
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CAACAAAAGGAGGGAAGAAGAAAAAAGGGAAACAGGGGAAAAGGGGAACA AGAGGAAAAACCGGACAGAAAGAAAAGGCCGGGAAAACAGGAGAAAGGGG G G A G G G GAGGAAGGGGGGAACCGGGGAAGGGGAACCCCGGGGAAAAGGG GAAAAAAAAGGAAAACCAAAAGGAAAAAACCGGGGTTGGAAGGGGAAAAA A G G G G G G G G G GAAAAGGAGCCAACCGGAAAAGGGAGGGAGGGGAAGGAT G GCCAAGGGAGGCCTTCCGGCCAAGGAGAGAGAAGGGAGGAGAGAGGGA AAAGGCCAAAGAAGAACAGAGGGAGCAGAAAGGAGGAAGAAAGGGAAAAG GCCGAGGAGGGGGAAAAAACCGAAACAAGCCAAAGAAGACCAACAGGAGA AAACCCCAAGGAGAGGAGGAGAGGGGGACGGAAGGGGAAAAGGAAGGGG GAAACCGAGGAAAACAAAAGAGAAAAGGAGAACCAGGGAGCCAAGGAAGA GAAGCCCGCCAGGGAGCCGGAAAGGAACGGAAGGAAGACCACAAAGGCAA CAAAAAAAGAGGAAAAGGGGAACCGGGGGGAAAAAGAGAACAGGGGAAGG GGACCCAAGGAACAAAAAAAAAAAAACCGGGGGGAAGGGGAAAAGGCCGA GGGGTAACAGCCAAAAAAGGGGGAGGAAGGGGAAAAGGGGGGCGGAAAC AAATTGCGAGAACGAGGAAGGACAAAAGAGGGAGGAGGGGGGGCCGGGG AAGGAACCAAAAAGACGAGACAGGAAAACAAAGAAAGGGGGAGGAATTGG GGAACCAATTGGAAAAGGAAGGGGAAAAGGAGGGGGCAAGAGGGAGGGA AGAAAGAAACCGGAGAAAAAGAAGAGGAAAGGAACGGCCAAAAAAGGCAA G G G GA G A G G G A GAGGGGCCAAGGAGCCAAAAAAAAGGGGGGGGGGCCAA CAGACACCAGAAGGAAAAGGAAGGAAAGAGGGAAAGAGAGGGAAGAAACC AAAGAAGGAAGACCACGAGAGAGAAAGGGGGAAACCAGAAAAAAGGAAGG AACCACGAGAAAGAAGAAGGGGGAGGAAACAAGGGGAAGAGGACAAGGGG A G G GCCGGGCGCAAAAAAGGCCGGCCGGAGAAAAAAAAGGAAACGGGGGG AAACGGAGAACCGGGGGGGGAGAAAGAAAAAAGAGGCCAGAAAACAGAAA AAAAAAAAGGAGACGGGGACCCCCGAAGGGAAAAGGGGGGAGGAAAGGAG AAGGATACGGAACCCGAAAGGAAGGGAGAAGAAAGGGGAAGGAAGGAAGG AAGGAAAGAGGAAAGGAGGAAGGGCAAAGGGGAAAAAAAAAAGGGGGGAG AGAGAAAAAAGGAACCAAGGAAGGAGGGCCGAGACCAGGAGAGGAAAACA GAAAAACAGAAAAGCAACCCGAGGGAAAGGAAAAAAAGAAAGGAGGGAAA AAAGAAAAAAACGGAGACAGCCAGGAGGGAGGGGAAGAAAGAAAAGGGAG AA G GCAAGGGAGAGAAAAAAGGAGGAGGGGCCAACAGGGAGGACGGAAG GGAGGAAAAAGGGAGAGAGCCTTGGGAAGAAAGAAAAGACAAAACAGGGA AAAGAAAAAAAGGGGGGGAAAAGGAAAAAAGCCGAGGAACAAGAACCAAG G G G AC GAGGAGGGAAAACCAGCCGGGGAGAAAAAAAACCCCGGAGAGAGG AA G G GAAGGGAGACGCCAAGGGGCCGGAAAAGACCAACCAGAAGAAAAGA GAAGACAGAGAAGCCAAAAAAGGAAGAAGAAGAGGAGGGGGCAGAGGGGG GGGACAAGGCCGGAAAAGGAAAAGGAAGAGGAAGGGACATAGAGGAGAGC C G G G GAAAAGGGGAAAAAAAAGGAACCGGGGAAAGGGCAGAAAAGAAAGA ACCGAAAAGCCGGGGGGGAAGGGAAGAAGAAAACCAAGGGGAAACAGAGA GGAAAAGAGGAGAAAGAGACACCAGAAAAAGAAGAGGGGGGCCGGGAACA GGATAGGCCAGAAGGCCAAGGGGGACCAGACAGGAAGGAGGAGGGGGAA GAAGAGAGCCAAGGAACCGAAACCAAGAGAACAAAAGGAAAAAAGGAAGG CCCCGAGAGGGGAAGGAAGGGGAAGGAACCAGCAAGTTAAGGCCGGAAGG CCAAGGAAAAAAAAGGAAGGGGGGAAAAAAGGAGCAAGAACCGGAACCGG GAACGGATTTAGTTACAGAAAGAAACCAAAAGCACAGGCCGAAAGGAAAA GGCCGAGAGGAGAGCCCCAAGGAAGGAGAGGGCAGGAACAGGGGGGGAA GAGGGAAACGGAGAGCAAAAGAAGAAGCCACCAGGAAGGAAGGAAGCAAG AGGGACCAGGGAAAAAGAAAGAGAAAGGAAAAAAAGGAAAAAAGAGAGGA A G G G GAGGGAAAAGGGGAAAACCACGGGAAACCGAACCCGGAAGGAAAGG GCCAGGGGGAAGGAAACACAGAGGGCCGGAAAACCAAAAAAGGAAAGAGG G G G G G CAGGGAGGAAGAGGAAGAACAGAGGGACAGCCAAAAACAGAAAAG GCAGGGGAGACAGGAAGCCAAAGAGGAGAGAGGAAGAAACAAAGGAAAAG AA GCCAAGGAAGGGGAGGAATGGGGAAAGGGAAGAGGGGGGCCGGCCAA AAGAAGGACAGAAAAAATAGCCAGCCGGAAAAGGAAAGAGAAAGGGACGG AAAAGGGAAGCAAAGACCAGTAAGAAGAGGGGGGGGGGAGAGAGGGAAAA AGAAGGAGGAGGAAGAGGAAAAAGAGGGGAAAAAGGGAGCAACCGAGGAA A G GAA $\operatorname{A}$ GGGAGGGGAGAGGGAACGAGATGAAGCAGGAAGGAAAGGGAAA AGAAAGGGGGAGCGGGGAGAAAAAACCCCGGACGGGGAAGAAGGGGGGG AACCGGAGAAGGGAAAGGGGAGGGGAGGAGAGGGGGAGGGAAGGGAACC GAAGGGGACACAAGGGGGAACGGCCGGAAAGACGGGAGGAAGGGGGGGA GAAGGAGAGGGGAGAGAAACGGAGGAGAAGAGGGAAAAGGGGAGGAAAA

AAGAAAAAAAAAAGAAGAGAGAAAAAAGAAGGGAGAGACGGGAAGGGAAG AGAAAGGGGGAACGGGAGGCCCAGGAGGAGAAAGAACGGAAGGAGGGGG CCAAAACCGGAAAAAAAAGGGGGGAAGGAAAAGGGGGGAAAAGGAAGGGG AAAAAAGGCCTTGGAAAAGGAAAAGGAAAGGGAAAGGGAGAGGGAACCAA AGGGAAGGACCCGACCAAGGCCGGGGGGCCGGAAGGGGCCGGAAAAGGA AAAAAGGGGAACCGGGGAAGGGGGGAAGGAAGGAAGGAAGGCCAAGGCC AGAAGGAAAAAAAAAAAGAGCAAGGGGGGAGGGGCCAAAAAAAAAAAAGG AA G G AAA G GAGGAGCCGGAGGAGAGAGAAAAAAAGGGAGGAAAGAAGGCC GGGGAAAACCAAGGGGAAACAAGGGGGGCCAGGGCCGGGGGAGGGAGGG G G G G G GAAAGAAAGGGGGGAAGGGGCCGGGGAAGGAAGGGGAAAAAAAA GGAAAAAACCGGAAAAGGAAAAAAAACCCCCCAAGGGGCCGGGGAAAAGG GGCCAAGGGGGGAAGGAAAAGGAAAAGGAAGGCCGGCCGGGGGGAAAAG GGGGGCCAAAAGGGGAAAAAAAACCGGCCAAGGGGGGGGGGGGGGAAAA AAAAGGAAAAAAGGGGGGGGCCGGAAAAAACCAACCAAGGAAAAGGAAAA GGGGTTGGAAAAAAGGGGGGGGCCAAAAGGGGAAGGGGAAAAGGCCCCG GAAGGGGGGCCAAGGGGGGGGGGCCAAGGCCAACCGGGGGGAATTAAAA AA $\operatorname{A}$ GGGGGCCAAGGAAGGGGAAGGGGGGAAGGGGAAGGGGGGCCGGAAC CCCCCGGAAGGCCGGGGAAAAGGGGGGAAAAAAGGGGAAAAGGGGAACCA AAAAAAAAAGGGGAAAAAACCAAAAAATTGGCCAAAAAAAAGGAAAAAAGG GGGGAACCGGAAGGGGCCGGAGGGAGGAGGAAGGAAAAAAGGAAGGGAC CAAAAAAGGAGGGAAGGCAAAGGAAGAGAGGAGAGAGAACAAGGGGGAAA CCCAACCAAAAAAGAAGCCAAGGGGGGCCAGAAGAAGGGAAAAGGAACCG G G GAGAAAAGGGGAAGGGGAACCAGGAAAAGAAAAAATTACAGAGGGAAA GGAAGGAAGAAGGAACCGGAGGGCAAGGGGGAAAGCAGCCCGAAAAAGAG GGGAAGCAAAAGGGACCAAAAAAGGAAGGAAGGGGAGAAAAAAGAACAAA AA $\operatorname{GA}$ A A A G G GAAAAAGGGGAGGGACAAGGAGGGCACAAGAAAGGAGCGAG GAGAGAGCAAAGAGGAGGAAAAGCCGAAGAAAAGGACACAAGACAGAAGG AGGCCCAAGACGGAGAAAAAAAAGGCCGGAAGGAACCCCAAAAGGAGGGA AAAGGGGAAGGTAAGAAGGGAGGGGGGGGAAAAAAGGAAAGCCCCGGAA G G G G G G A GAAGAGAACTAGAAAGAGGCAGGAAAAGGGGGAGAGGGGAGG AGAAAAAAGCAAGAGGGCAGGGGGGCAGGGGAGCAAGAAGGGAGGGGGG GGGGCCAAGGAGAACCAAGGAGAAGAAGAAAGAGAGGGAGCCGAAGACAG AAGAGAAAAGAAAAGGAAAGGAGAACACGAAGGAAAGAGGAGGAGGAAAA GAGGGGGGGGGAACACACGAGGACAGAAGGAAGGAAAACCCAAGAAAGAA A GAAGAGACAGGAGGGGGGGAAGGAACCAAAAGGAAAAAAACGGAAAAAA GGACAGCACCAAGGAACCGGGAGGGGAAAAAAAGAGACCCAAAAGGAGGG TTCCGACCAGCCGGAGAGGGAAAAGGCCAAAGGAAGCCGACGGACCCCAG G G C C G A G G A G G G G G G G CC G GAGGGAGGAAGAGGAAAGGAAGGGGAGAGG
 GGACAGGGAGCAAGCCAGACCAAGGGAAGGCCAGGAGGAAGGGGAAGACA CAAGCAGAGGAAGAAGACAGCCAGGAGAGGGGAGGGGGAGGAGGAAGGA GAGAGCACCAGAGAAGAAGGGACAAAGAAACCCAAGGAAGGGAAGGGGGC ACCGGAAAAGGAAGAGGAGAGCAAGGGAACAAGCCGGAGAGGGCCAGAGA AGGAGAGAAACGGGAGAGGGGCCAGGGGGAAGGAAAAGAGAGAAGAGAG AAAGGGGAAGAAGGAGAGAAGAAAAAAAGGGAGGCCCCCCAGGGACGAAG GGGAAGAGAAGGGGGAAGGGGAACGAAAACAAAGAAAGAGCCGGAAGGAG GGGGAAGGGAGGGGAAAGACGAGAGAGATAGGAGAAAAAAGGGGAGAGC CAAGGGGAAGAAGAAGGGAGGAAAAAAAGAGGAGGAAAGCCAAGACCGGA AA $\operatorname{A} A A A A A A G G G G G G A A G G G G A A G G G G A G G G G G A G G G A A G A G G G G A A A A$ AA $\operatorname{l}$ GGGGGAGGGAAGGGGGAGGGGCAAAAGAAGAGGGAGGAAGCGGGGA AGGGAGGGGAAGGAAAAGAAGAAACCCGGAGGGAGAGACGACCAGAAGGG AAATTGGGAGGGGGGAAGGGGAAAACCGGAGACGAAAGGAAAACCAACAG GAGGACCCAAAAAGGACAGGGAAAAGGAAAAGGGGCAAGGAGGGGCAAAG A G G G G G GACGAGGCGGGAGGAAAAACCAGAGAGAGGAGAGGGAGAGGAG AA GACCAAAAGGAGCCGGGGAAAAGGGGACAAGGGAGAGGACAACCGAGG AAAACCGGGGAGGAGGAAAAGGGGGAAGCCGAGGCCGAAGAAAAAAGGGG AAGGAAAAGAAAAGGCACCCGGACCAGGCCAGAAGAAAAGGGAGCCAACC G G A A G G G G AA G GAAGCAGAAAGCCAAAGGGGGCCAAGGAAAGCCGGGACC A G G GAGGAGGAGGGAGGGACGGAAGGGGACAAGGACGGAGGGCCGGAAG ACCGGGGAGGGGGGGAAAGAGGGAGCCAGAAGGACAGGGCCAAAAACGA GGAAAAAAACGGAGGGGACCGAAAAGGAGGAGGGGAGGAAGGAAGGCCAA

A G G GAGGGGAAAAAGGGCGGGGAAGGGAGAGAGGGGAAGGAAGGCCAAG GAGACAAAGGGAACCAGGGGAAAGGAAAAGGAAAACCAAACAGAAAAAAA A G A G G G G G G A A G G G GAAA G GAGAAGGGAAAGGGAAAAGGAAGGGGACAA AAGGAGGGGGGGGAACCAGAGGCAGGAAGGAAAACCAAGGGAGACAGAGA AAGAGGAGAAGAAGCAGGAAAGAGGAAAAGGGGGAAAGAGACGGAGGGAA GAAA $A$ AGAAGGGGAGAAGCAGAGGAGAAAGGGGAGAAGAAAGGGAGGAG AA $\ln$ A G G G G G G G A G G A GAGGGGAAAGGGAAGGGGAGAGGGGGACACACGA G G GAGGGGAACCGAGGAAAAGAGAAAGGAAAGAAAGGGGAAAGGGAAAGA AAAGCAAAGGGAGGAGAGCCGGAGGGCAACAAGAAAAAAAAAGGAGACGA CAGGGAGGGACAGGAGGGAGGAGAAGGAGGGAAGGGAACCAGAACACAA GAGAGAGGAGAAAAGAGAGAGGGGGGAAAAAACAAAAGGAGAGCAAGAGA AGGGGAAAAGGGGAAAAAGAACCAGGGAAGGAGCCGGGGAAAAAGGAGAG GCCGAAAAAGGAAAAAAGGGGAAGGGAGAAGAGAAAAAGGAGGAGGGGGA ACCCCAGGAAAGGAAGGCCAGAGAAGAAGAAGAAAAAGAGGACAAGGCAG GAGGAAGAAGGGGCCGGAAGGGGAAGAAAAAAGAGGGAACCGAGGGAACA GGGCCGGCCGGCCAGGAAGCAGAGAGAAAGGAGGACCGAGGGGCAAACAA CAGAGACGGAAAAAAAGACAGAAAGGGAAGGGGGGCCGGGGGGGGGGAA ACAAAAGGGGCCCCGGAAGGGAACGGGGAAGGAAGAGAGGAAGAAAAAGG AAAGAGGGAAGGGGGGAGAGAGGGAGGAAGAGGGGGGAAGCCCAGGAAA GAACCGAAGGAGGAAAAGGGGGGCAAAAAGGGGAAGAAAAACCAAAAAAA AAAGGGGTTAGCGGAAGAAAAAAAGAGAAAGCAGACCCCAACAGGGGGGA ACAGAGGAGGGGACAGAGACAGAGACAAGAAAAAGGAAGGGGGAAGGAAA GAACCGGAGGGAGGAAGAGGAAGGAAAGGGGGGGGGGGGAAAAAAAAAA GAAAGGAAAAGGGGAAGGAAGGACAAAAAAGGCCGGAAAAAGGGAACAAA ACGGAGGAAAAAAAAAAAGGAAAGAAGGAAAGGGGGGGGGAAGGAGAAAG GGGAAAGAAGAAAACCGAAGAGGGAAGGGAACAAACGAGGGGAGAGAGCA G G G GCCAGGGGAAAGGGAAAAGGGGGAGACGAGGAAACCGAGAGAGAAA ACCAAAAGGAAAACCGGAACCCCAAAACCAAGGGGGGGGGGGGTTGGGGA A G G G G G GAA G GAAAAGGGGAAGGAAGGAAGGGGGGGGAACCGGAAGGAA GGAAGGGGGGAAGGAAAAGGGGAGGAAGGAGAGGGGAAGGGAAGGAAAA AGGGGGACCAACCGAACAGGGGGAAGGGGCCAAATAGGGAAAGAAAGAAG GGGAAGGAGAAACGGGAAAAAAAGGGGGGGGGGAAGGCCAAAAGGCCAA G G G GAAGGAAGGAAGGAACCAAGGAAAAGGAAAAGGAAAAAAAAGGAAAA AAAACCCCACCCAAAAAAAAAGGGGGAAAAGGAAGGAGAAAGAAACGGGA G G G GTTCCGGAAGGCCAAGGGGGAACCCGGGGGGAAGAAGAGAGTTAGG AAAGGGGAAGGAGACCCAGGGAAGGGGCCGAAAGGCCAAGGAAAAAAGGG G G G G G CCCCGGCCAAACAGAAAAAAGGAAGGAAAAAGACGGGGAAAGGAG GAAGAGGAAAAAAGGGGAGAAGGAAGGAAAAACAAAAAAAACCGGGGGGG G G G G G A A A G ACGGAAGGGAAGAGAGGAAAGGAAGGGGGGAAAAAGAGGG AA GAAAGGGACCAAGGGGAGAAAAGGAAAGAAAGGACAAAGAGGGAAGGC GCAAGGCACCAGGGCAAAGGAAGAAAAAAGAGCAGGAACACCAGGGGGGG G G G G G A G A G GAA G GAGGAAAAGAGGAAAAGGGGGAGGGACGGGGGGGGG AGGGGAAGGCAGGGGAAGGAGGGAGAACCGAAAGAGAGGAGAGGGGGGA GAAGGGGAGAAAAAAATAAAAGGGCCAGGGAGAGAGAACCCCAGAGAGGG GGAAGGAAGGGGGGAAGGGGGAAGACGGAAGGGGAGGAAAGGAGCCAAA AAGCCCCAACCAAAAAAGGAAGGGAAAGAAAAAAGGGAGAAAAAAAAAGG AAAAGAAAAGGACACAGCCGAAACACAAAAAAAAAAAGGGGGGGGTTAGA GGAGGGAAAAAAGGGGGAGAAAAAAGAGAACGAAGAGGACCGGGGAAGGA AAGGGAACAAGAGAAACAAGAAACCAAAGGGCACAAGAGACAAAGAAGGG AAGCCAGGGAAGGGGAAAGGAAAGAGAAGGAAGACCAAAAAAAAAAGAGA G GA GAGGGGAAAAGGCCGGACCAACGGGGACACCCGGGAGGAAAGAGAAC CAAAGGAGAGGAGGAGAGAGGGGCCGGTTGGGGAAGGGGGGGGACAGAG GGATGGAAAAAAAGGGCAAAAACCGGCAGGGGAGAAAGAAGGGGGGAATT G G G G G GAAAAGGAAGGGGAGGGGGAAAAAAAGAAGGCCGGAGGAAAGAG GATGGAGGGCCAGCCAGAAAGGGAGAAGACCGACAAACAAAAAGGAGAGG
 G GAAGAGGAAGGAAGGGAAGGGAGAGAAGGAGAGACGGAGAAAACAAAG GGAAAGAGAACAGGGAAGGGGAAAAGGCCAAAAAACCAAGGGAGGGGGAC CGGAGCAGGGGAGAAGAAGGAAAGGAAAAGGAGAGAGGAGATTAAAGAAA AAATTAGGGGGGGGGAGAACAGAGGGAGGTTACGGAAAAGGGACCAGAAC CGGAGGACAGGAGGGAACCGGAAGGAAAGAAGGAAGGAAAAGGAAGGAAG

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 ACACAAGGAAAGGAAGGAAGGGGCCGAGGGGGGAGAGAAAGCCAGAGCAA AGGGAGGCCGGAAGGAAGGAAAGAGAGGAAAGGAAAGAGAGAAAGAAGAA ATACCAAAAAAAAAAGGGGGGAAGGGGGGAGAAAACCCCCCAAAAAAGAA A G G CCGACCGAGAAAAGAAGGAGGGCCGGGGGGAAGGGGGGAGGGAAAA G G G GAAA GCCCCGAAAATAGCAGGCACAAAAAAGAGGAGAGAGAGAAAAG AGAGAAGGGGACGCGGAACCGGAAAAAAAGAAAGAAAGGAGAAGGGCCGG AAGGCCGGCCGGAAAAGAGGAAAAAAGGCCAAAGGGAAAGACAGAAAAGG C CAA A A G G G G G G G G GAA G G G G GAAA G G GCCGGAAGGAGGGGGGGGGGAG GCCAAGGAGCCAGGGAGGGGGAGGGCCGGCCGGGAAGGGCCAGGGGGGG CCCCACACAAAACCACACGAGAGAGGAAAAAAAAAAGGGGAAAAAGGGGG CCGAACGGAAAAGAGGGAGGACGGAAGGAAAGCCGGGAGGACTAGGAAAG GAAAGGCCGACAGAGAAAAAGGAAAGAAGGGGGGCAAAAAAACCGGGGCC GGGGGAAAAAGGGGGGGGGGGGAGAAAAGGGAGGAGAACAGAGAAGCCA AAGAAGGAAGAGGAAAAAAGGGGAAAAAAGGGGGGAAGGAAGGGGGGGA ACGAAACCGGTTACAGGGAAGGGGAAGAGAGGGGAGGGAAAATAGGAAGA AA G G G G G GTTCCGGAAGGAAGAGACCCCAAAGGGAAAGGGCACCCCAGGA GAACGGCCCAGGAAAAAAAGATACAAAAGAGGCAGAAGCAAAAACCGGAG G GCCGGAGAAAACAGGGGAGGGAGAGAGCAGACCGGCCGGGAGGGGACA AGGAAGGCACCAAAACAGGAAGGGGAAGCGGAAGGAGAAGGCCCCAAGGG AAAAAGGGGAAAAGGAAGGGGGGAGAGAAGGAAAAGGGGAGAAAAACAAG
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 GAAGGAAGGGGAACCGGCCAAGGAAAAGGGGAAGGGGGGGGAAAACCGG G GAAGGGGAAGGAAGGGGAAGGGGAAAACCGGAAAAGGGGAAGGAAGGA AGGAAGGGGCCGGAAAAAAAAAAAAGGAAAAGGAAGGAAAAAAAAGGCCC CGGAAAAAAAAGGGGGGGGAAAAGGGGAAGGAAGGCCGGAAAAAAAAAAG

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 AA G GAACCGGGGAAAAAAAAGGGGGGAAGGAACCGGAAAAGGGGAAGGG GAAAA $\operatorname{A}$ GGGGGAAGGGGGGGGGGGGGGGGGGCCGGCCGGGGGGGGGGG GAAAAAAAAAAGGGGGGAAGGAAAAGGGGGGAACCAAAAGGCCGGGGAAC CAAAAGAGGCCGGGGAAGGAAGGGGAAAAAGGGGGACAGAAGGGGAAAG GAGGGGCAGGAGAAAGGGGGAGAAGGAGGAAAGGAGAAAAGGAAGGAAA ACCGACCGAAACCGGGGAAGGAAAAGGGAAGAAGAGAGGCAAAGGATGAA G G G G G GAAAGGGGCCCCGGGGGGAAGGAGAGGGAAAGGGGGGGGGAGAG AGGGGGCAAGGAACAAGGAAAACGAGGAACGGACAAAAGGGGGGGGAACC GAGGAAGGCCAGAAAAAGGAAAAGCAGGCACAAGAGAGAGATGGGGGGAA GGAAATAACCAGGGAACCGAAAGGGAAGGAGAAGAAGGAGGGAAAGAGGA AGCCCCAGAGCAGACACAGAGAGAAGCCGGAAGACCCAGCAGAAAAGGAA TTAAAGCCAAAGACAGAGAGAAAAGGAAGGGGAAGGGGCCGGAAGGGGAA AA GAGGAAGGCCCAAGGACCGGAAGGGAAGAGGGAGAAAACCAGGGGAGG GGAGAAGGGGAGAAGGGAGAAAAAGAAACCAAAAGGGGAAGGAAAAGGAA GAGAGAAAGGGGAAAAAGAGGGAAAAAAGAAAGGGGAATTAAGGAAAAGG GAGGAAAGAAGGAGGAGGAAAAAGGGAACAGGAAAAGGCCAAAACCAAGA AGACACGGGAGAAACCAAAGCAAAGGAAAAAGAAGGGGAAAAGAGGGGGG AGAAGGGACCGGAGGAAAGAGGGGAGAGGAAGAGAAGAGGGAAAGGCAG G GACATATTAGAGCCACCAAGGGACGGGGCAGGACAGGGGAACAAAAAAA G G G G GAAGGGAGCGACCAGAAAAAAGAAAAAAAAAAAAGGGCACCAAACG AGGGAAGAAGGCCAAAAGGAGGGGATAAAGGGGAAGGGGAAGAAGGGGA AAAAAGGGCCGGAGAAAAAAAGAGAAGGAGAGCACAGAAGAGGGAGGGAA AGGGGGAAAACCCCGAGGGGAAAACCGGCCCCGGAAGAAAAAAAAAAAAA

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 G G G GAA G GAGAGAGGAAGAGAAAGAAAAAGGGGAAAGGAAACAGGGGAAA GACCAAGGAAGGAAAAGGGGGGCCGGGGAGGAGGAGGAAACCAACCGGAA AA $\operatorname{l}$ GGGCAGGGGAAGGAAACGGGGGGGGGAGGAGGGGGAAGGAAAAGGG AGGGAAAGGAACCAAGGGGAAAGGGAGAAAGGGAGGGGGAGAGCACCGG CСССAAGGAAGGCCGGCCGGGGCCAGAAGGAAGAAGCCGAGGAGGGAAGG AAAAAACCGGAGGGCAGACCAGGAGGCCAGAAGAGAAGAAGAAACAGAGG A G G G G G G GCCGGAAGGGGAAGGGAGGGGAAGGGGAAGGGGGGACAAAAC CGGAAAAGGGGGACCGAAGAGGGGGGAGGAGAAGGGGAGACAGAGGAAG G G G GAGGGAGCCGGGGGGAAGGAACAGAGAGAGGGGAGAAGGCAGAGGC CGGGAAAGGGCACGGACGGAGGGGGACGGAAAAAGAGAAGGAAGGGAGG G G G G G G G G A G A A A AAACAAGCCGAGGGAGGGGACGAGAGATAAAGGGGG GGAAGGGGGAAAAAAGGGGGGGGGGAAAAGGAAAACAAGGGGAGGAAAG GAAGAGGAGGAAGGGAAGGAAGGAGAACAGAAAGGGAACCGGAAGGCCCA GAGGGGCCAGCCAGGGAGAAAAAGACAGGAAAGGAACCAGGGAGAACAGA AAGACAAGGAAAAGAACAAAAAGGAAAAGGAGAAAACCAAAAAGAGAAAA AA G GCCAAAAGAGGGGGGGAAGAAAGGGAAAAGGGGAGAAAAGAAAACGG G GAAAAACAAGGGGACATGGAAATGCAAAAAGGGAAGGCAAGCCAACAGG A G G A G A G GAAAA G GATAGGAGGAAGGGGGGAGAACAAAAGGGGAAAGGG GAGAAGGGGAAAACCAAGGAGAAGGGGAGGGAGGGAAGAGGAAAACCAAG GAAAAGGGGAAGGGGAAAAAAGGAGGGAAGGACCCGGAAAGGGCAGAAAG GAAGGCCGGGGCCCCCACCAAGGCAGGGAAACCCCGGAAAAAAAAGAGGG GAAGGAGGGGAGGAACCAGGCCCAAGGGGAAAAAAGGGAGAGGAGGGGG AGAAAAGGGATTAGACGAGAGGCAAGAACAAAGGAGCCGGAAAGCCAAAG

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 AAGGAGCCAAGAGGAAGGCCAAAGGGAGGAGGAAAAAAAAAAGGGGAAGA CCACAAGAAAAGAGAACCGACCGGAGGAGGAAGAAAGGGAGGAACAAAAA ACGAACGGGAGAAGAAAAAGAGAGAAGAGGAAAAAGCAAGAGGGGGGGGG CAGGAATTGAGAGAACAGAGAGAAGGAAGAAGGGACGAAAGGAAGGGGGG GGGGCCGGCCAAGGAAGGAAGGAAGGGGAAGGGGGGAAAAAACAGGGAA AA $\operatorname{l}$ GGCCGAGGGGAGAAA $\operatorname{CA} A \operatorname{GGGGGGGACGGGGCCGAGAAAGGGAAGGG}$ GACCAAGGAGGACAAGGGGGAAGAGAAG
$22017000-9$ AA G G G GACGGAGAGAGAAGGGGGAAAAAGGGGCAAAAGAAGC

CCCCAAGGGGGGCAGGAAGGGAGGCCAAAAGGAACCAAAAGGGGAAAAGG AACCGGGGGAAGACAGAGCCGGGGGAAGCCAAGGAAAGAGAAGAAGAGGG GGCCGGAGAAGGGAGGAACAAAGAAAGGAAGGCCAGAGCCGGGGAAAAAA AAGGGAGAAACCAAACGGACAAGGGAAAGGGGGAAAGGAGAGACGGCCGG AA $\operatorname{l}$ GGGGAGGGGGGGGGGGGGGGAGAAGAGGCAATTGGAAGGAAGGGGG GGGGACCGGGAAAAAGGAACCGGGGGGAAGGAAGGAAAAAAAAAAAGAGG AAGAGGAGGGAGGCAAGACAGAGAGGGAGCAGAAGAACCGAAAAAGGAAA GGAGGGGCCAACCAAGAAAGGAAGGAACCAGAACCCCGGGGAAGGAGAAA GCAAAAGTTGAAGAAGGGGGAAGAACCAAGGAAAAAACCTTCCAGGGCCG GGGCAAAAGCAAGGAGGAAAACAAAAAGAAAGGAGAAGAACGGAAGAGGA AGGAAGGAAAGGGCAAAGGAGACGGAGGGAAAACCAGAAGAGAACAACCG GCCGGCAGGGAGACAAGGAAAAAGGGGGGGGAGAAGAGGAAGACCAAAAG GGGGAAGCCGGGAAGAAAAGAGGAGGGGACAAGGAGAGGAAAAGACCCAG GAAAAGAAGAACAGAAAAGGGGGCAACGCCGAGAGAGGGAAGGAGGGCAA GAAGAAAAAAAGACAGGAAGGGGCCAAGGGGGGGGCCGGTTGGGGAAAG GGAAAAACGAGAAAAAAAGAAGGAAATAAGCCAAAAGGGGGGCCAAAAGG AAAACCACAAGGAAGGGACCGGGGAAGGGGCCAGACAAGGACGGAAAAAA GGAAAAAAGGACAGAGAAAAAAGAAAGGCAGGAAAAGGGGCGAAAAGGGG AAGGAAGAAAGGAAAACCAAGGAAAAAAGGGGCCAAAAGGAAAAGAGATA ACAGAACGGAGCAAGAGAAGAGAAGGGGGGACGGGGAAGGAAGGAAAAGA CCGGAGAAGGATAAGAAGGGAGAAAAACGAGAAAGAACAAGAAGGAAGAA AGGAAACCGGGAAAAGGGCCAGAAAACCAAAGGAGGGGAAAGGGAACCGA GAAAAACCGGACAGGGAAGGAAGGGGAAGGGGGGGGAAGGGGAACCGGA ACCCAAGAGGAGAGGAAGGCCAACCGCCACAAAAAAGAAGGAAGGGAACG AAACCAGGGGGGGAAAAAAGGTAGACCAAGGAGAAGGGAAAAGAAAGAGA GGGCAAGGGGAAAAGCCGGAAAAAAAAGGGGGGAAAAGGACGAAAAGAAG GGACAGAAAAGGGGATAAAAGAGGGCCAAGGAAAAAAAAAGAAAAAAAAT TGGAGAAGGAGAGCATTGGCAAAAGAAGACAAAGGAGAAAAAAGAAAGGG GAAGGAAAAGGTAGGGGAGGGGGAAAAAAGGCCAAAGGGGGAAGAGACC GGGGAAGAACAGGGGGAACGAGACGGCCAAAGCGCCAGAGCAAGAAGGCC GGCCAAAAAAAACCGGAAGGAAAAAGAAAGAACAAGAAGGGGGGAAAAGG AGAGGGTTAAGGGGGGGGAAAGAAGGAAAAAGAAAAAAAAAGGAAAAAGG AA G GAAGGGGAAGGAGAGAGCAAAGGAAGGGGGGAGGGGGAAGGAAAAA AGGAAAAAAGGGAAAAGGCAGAAGAGGGGGAAGAGGGAGGGAACCGGGG AGAAAGGAGGCAAAAACCAAGGAAAAAGAGGCAGGGACGAGAAAAGGGAG GGGGTAGGGGCAAGCCCAAGGAGGAACCAAAGGGGGAGACAAGGGGGGG GGAAAAAACAGAGGGAGGAGAAGAAAAACAAAGAGCCCCAAAAAAGAAAG AAGATAAAAAGAGCCGGGGAACCAAAAGAGGCCAAAAAAGGGGGGGGGGA GGAGAGGAGAAAAACGGGGAAGAGACCGGGGGGAGAGGGAAAAAAGGGG AAAAAAGGACGACCGACCCACAGAAAAAAAGAGGCCGGGGGGGGAGGAGG AAAAAAACAAAAGGAAGGAAAAGGGGAGGGCCGAGGAGGGGGAAGGGAAG ACGCAGGAGGAAAAAGAACCGGAAGGAAAAGGGGGGAAGGCCAGGGAGG GGGCAAGCCAAAGGAAAAGAAAAGAGAAAAAGGAAAACCGGAAGGAGAAA AAAAACCAACCGGGGGGCCACAAAAGGCCAAGAGGAAGGAAGAGACCGGC CGAAAGAACAAAAAAGGGACCAAAAGGAAGGAAGGAAAAGGGAGACCAAG GGGGAGGAAAAGGGACCGGGGAACAGAAACCAAGGAACCGAGACCCCGGC CAAGGGGAGAGGAGAAAAAAAAAGGCAAGGGCCGGAAAAGAAAGAGGAAG GGGAAAGGGCCCACCCCGGCAGGAGGAAAAGGAAGGAGAAGAAGGGGAAA AGAGAGGAAGGAAAACCGGAAGGAGAAGAGGCCAGAAGGAACCGGAAAAC AGAGGAGGGGAGGGGAGGGCCGGAGCCGGAAGGAAGGGGAAAAAGAAGG G GCCAAGGAAAAAAGCCAGGGGACGAGGAGGGAAGACAGAAAAAAAGGAA GGGGAAGGGGGGGGGAGAGAGGGAGGGAAGCGTTGGATGAAGAAAAAAA AAACCAGGAAGAGGAGAGGCAGAAAAGGGAGAACCGAAGGAAAAAAGGGA AAACCAAGGGGAAGGAAAACAAGAGGGGGCCGGAGAACCAGAAAAGGGGT TAAAAGGAAAAGGGGGGGGAGAGAGAGAGGAGGGAAGAAGGACAAACAAA AGAGAGGAGCCAGGGAAAAGGGACAGGAATAGAGGGAGGAGACAGAAGAA AGGAAAAGGAAGGACAAGGAAAAGGGGGGAAGGAAAGGGGAGGAACCAAA GGAAGAGAGCCAAAAGGAAGGGGAAAAGACCAAAAAAGGAAAGCCGGGGG AAGGGAAGAGAGAAAAAAAAAAACCAAAAGGGGAGGAGAGGAAGGGAGGG AAAAAAAGGAGAACCGGGGCAGGGAGGCCCCGGGGGGAAGGGGGAAAAG AAGGAAGAGGCCAAAAAAGAGGAAGAGGAAAAAGGGAGGAAGGGGGCCGG

GGGGAAAACCAACCAAGGGGGGTTGGGGAAGGGGACGAAAGAAAGGGGG AA $\operatorname{l}$ G G G G G G G G G GAGAAAAGGGAGGGAAGAAAGGAGGCAGACAGAAGAA
 G G G G GAA G G G GCCGGGGAAGGAAAAGGAACCAACCAAGGGGGGAAGGGG G GAAAAAAGGAGAAGGGGGGGGAAAAAAGGGGCCGGGGCCGGGGGAAAA A G G G GAA G GAAGGAGAAAGAAGGAGAGAGAGAGCGGAAAAAGACCAACCA GAGAAAAGAGGGGAGACAAGAAAGAGGGGAAAAAGAAGAAGAAAAGAGGA AA G G G G G G GAAAAGGGGGGAAGGGGAAGGAAAAAAGGAAGGGGGGGGAA G GAA $\operatorname{lng} \operatorname{GGAAAAAAAAGGGGCCAAGGGGGGAAAAGGGGAAGGGGTTAAA~}$ ACCGGGGTTGGGGCCGGAAAAGGAAGGAAGGAAGGGGGGGGGGGGGGGG GGAAGGAAGGAAAAAAAAGGGAGAGGAAAAGGATGAAAACGGGGCATTGG AAAGCCAGGGAAGGGGGCAGAAGAGGGGGGAAAAAAGGAAACGGAAGAG GGGGGGAGAAGGGAACCAAACGGGAGGAAAAGAAAGGAAGGAAAACCAAT TGGAGGGAAAAAAGAAAGGGGAGGAAAAGGAAAAAGGAAGGAAAAGGGAC CAACCGGACGAGGGAGGAAAAGGAAAGCCAGACAAAAAAAAGGAAGGGGA AAAGGAAAATTCCAAAGAAAAAACAGGGAAAAGAGAGAAGAAAAAAGGAA GCCCCAAAGAGAAGGAATACAGGGGAGGAACAGAGGGGGGGAAGGGGAAC A G G G G G G G G G G ACGAGGAAAGAGGAGAGAGACCGGCCGAAGAAGAAGAG AGAAAAAAGGCCAACCAAGGGGAGCCCCGGAGGGAAAAAAAAGGGGAAGA AGGAGACCCCAGAGAGGAGGTTACGAGAGGACACCAAGCAAGACGGAGGG CCCCAACCGGAAAAAAAGGAAGCACAAGGAAGAGGGGGAAGAGGGAGGAA ACAAAAAAAAAAAAGAAAGAAGGGAGCAGAAAGAAGGGCAAAAAAAGGGA ACAAGGGGGGAGGAGGCAAACCGGGCGAAGAAAGGGGGGGACAGGCTTG A G G G GAA $\ln \operatorname{GGGGGGGGGAAGGAAAAAAGAGAAGGGGAAGGGAGAAGGCC}$ AAACAAGAACCAAAGGAAGGCCGGGGGGAACCGGAAAGGGAGGGGGGGCA GGGGAAAACCAGAAAAAGAAAAGGAAGGCCGGAAGGCAGGCCGGTAAGCA G G A G GAAAGGGGAAAAAAAAAACCAAGGAAGGGGGGCCAAAGGAAGGGGA GGAGAGGAGGCCAGAAAAAGCCAAAGAAGGGGGGAGCAGAGGAAAGACAG CCGGCCAGAAGAGGGGAAAAGGGAAGAGCCGGAAAGCCGAAAAAGGCCAA AACAGGGACCACGGGAGGAAGGAAGGGGAAACAGGGAGAACCAGGGAGAG AGGGAAAGAGAGAAGGCCACGGAGAAAAGGAAGAAAGGCCAAAAAAAAGG AA G GAAAAGGGGGGGGCCTTGGGGGAAAGGAGGGGGAACCAAAAAGAACC AA G GAGCCAACCCCCCGAGAGACCGGGGCAACAAGGGGGAAAAAGGGGGG G G G G G GCCAAAGAGGGGACCCCAGAAGAAACCAAGAGGGAGAGAGAAGGA ACGAAAGAAGAATAAAGGAAGGAGGGAAGGGGGGAGAGGAACAGCAACAA GGGGAAGGGGGGAAAGAAGGGGAACCAAAGGAAGGAAGGGGGGAGGAAG ACCGGAGCAAGGGAGAGAGAAGGGAGGAGGGAGGGGAGGAGCCCAGAAA AAAAAAAAAGGACCGGGGAACCCCAGGGTTGGAAAAAAAGAAAAAAAAAA CAAAGGGGAAGGAAGAGGACCAGGGGGGACGGGGGGGAAGGGGGGAAGA CCAACGGAACAGGACGGGGAGAGGGAGCAAGGGCCAGAAGGAGGGGAGA G GAGAGAGAAGAGGCCGGGACAGAAAGGACAAAAAGAAGACCGGGGGGG G G G G G G GAGAGAAGGGGCCGGCCGGCACCGGGGGGCCAAAGAGGGAAGA GGAAGAGAGGAAGGAGAAGAGACAGGACAAAGCCAGGGGGAAAGAAAAGG AGAACAGGGGGGGGGGGGGAGGGGGGCCAAAGGGAACCTTAAGAATAGA AATAAAAGGAAAAAAGGGAGGGGAGGAGGGGGAGGAGAAAGAACAGGAG GGCCGGAAGGAAAAGGGGAGCGCCCCGGAAGGAAAAGGAAGGAGGACCGA AGCAGGGGAAACGAGGAAGGCCGGGGAAGAGGAACCAGGGCCGGAAGGA AAAAAGGGGGGGGAAGGAAAAAAAAAGAAAAGGACGGGGACGGAGAGAAG A GAGAGGAGAGAAAAGAGGAGGGGAGAAGAAAAGAGGGGGAGGACGGCC AGAGACAGGGCCGGAGAAGGAAGGAAGGAAGGAGAGCCGAGGAGAGGGA AGGAAGGAAAAAGGAAAGGCCATACACGAAAGGGAAGGGGACCAAAGGGT TAAGGGGGAGGAGAAGAAAAAAAAAAAAGAAGGAAAAGGAGGAAAGGAAA AAAAAGGCCGGGAAGGGACAGAACCGAGGAAAAAAAACCAAAAACACAAG GAA $\operatorname{GACA} \operatorname{A} A \mathrm{G} G \mathrm{G}$ GAAGGAGAGAGGGGGAGAGAAGGGGAGAGGGCCGGGG GGGAAGAGCGCCAGAAAAGGGGAAGAGAAGGAAAAAAGGGAAAAGAAGGG CCGGAAAAGGAAGGGGGGAAGGAAAGAAAAGAGAGGGGCCGAAAGAGAAG AACCGAAAGGAAAAAAGGAAAAAAGAGAGGAGAAAGAAAAAGGGAAAACC GGGGAAAAAAAAAAAAGGAAAGAAGGGGGGGGCCAGAGGGGAAGAGAGAA AGCGCCAACCGAGGGACCCACAGGAACCCCGACCGGAAGGGGAGGAAGGG GGAAAAAGAAAAGAAAGGAGAAGGAAGGAAAGAAGCGGAGAAGGGGGGG GAAGGGGAAGGCCAGGGAAAAGGGGCCGGGGAGAATTAAAGAAGAAGGG

AAGGAGGGAAAACCAAGAACGAAAGGGACAAACCAAGGAAGGAGGGAGAG GGAGGGCCAAAGAACCCAAAAAGAAGGGGAAAGGAAAAGGAAGGAAGAGG AA G G CCAA G GCCCCGGAGGGGGAAAAGGAAAAGAGGCACCGAAAGAAGGG CAAAGAAGGGAGAGAGCAAGGAAAAACAAGCCCAAGGGGAGAGGAGAAGG G GAGGGGGCCAGAAGAGGAGAGGGAAGGGGAACCTTGGCCCCGGAACCAA AAAAAAGGGGGATAAGGAAGGAGAAGAGGAAAAAGGGGGGGAAAGGGGC CGGCGGGGGAAAACCAGGGAGGGGGGAAGGAGGGGACGGAAGAGACAGG G G G G C G G G G G A A G G G G A A T TAAAAAAGGGGAAGGAAAACCAAAAAAAAGG AAGGAAAAAAAAAGAACCCCGGGAAGAAAAGGGAAGCAGGAGGAATAGAA GACCGGAAGGACCCAAAAAGACGAAAGGGGGGAAAAAAGGGAAACAGGGA GGGAAAAAAAGAAAAAGGGAAAGGGGCCAACCAAAAAGCCGAGGGGACAG GGAAAAAAAGCCAAAGGAGGAAGGCCAAGAGAAGAGCACCCCAGACCCAC G GCAAGGAAAAAGGTTGAGGGGCCGGCAGAGGAAAAGGAAAGAGGGCCAA AAGAAGGAGGGGTTGGGAAAAGCCAAGGGGAAGAGGGAAAGGGAGGAAG GAAAGAAAAGGGGCCGGGGAAAAAGAAAGAACAGAAAAAGGAAGGAAAAA ACCAGAAGGCGAAAAAAAAAGGGAAGGAAAAAAAAAAAAGAAAAAAAGGG GGGCAAAGAAAAAAAGAGGAAGAAAAAGGGGGGGGGAGGAAGGAAAAGG G G G GAA G GCCGGAAGGGACCACGGAGGAAGGAAAAAAAGGAGCCGAGGA GAGAAATGGCCGGGGAAAAAAGGGAGAAAGGAGAAAAGAAAAAAAGGCCC CGGAAGGGGCCAAGAAGAAGGAAAAGGGGAAAAAGCAGGACAAGGAAAGA GCAAAGGAAAAAAAAGGAAGGGGGAGGGAACAGAAGGAGACCAGGGGAAG AAGACGAAGACGAGAGGGAGGAAACTAGGAGCCGGGGGGAGAAAAAGGG GAAGAAAAAGGGCCGGGAAGAGGGAAGAGGAAGGGAAAAAGGGGAAGAG GGGGGAAAAGAGAAGAAAGAGGGAGGACAGAGGAAGGGGGGAAGGAGGG A G G G A G GAGGGAAGACGGGGAAGGGAGGAAGGGGCCAACCGGCCGGGAA G GAGAGGAAAAAGAATTAAAACCAAAAAAAAAAAGCCAAAGAAACGAGGC AGAAGGGGGCCAAGGACTTCCGGAAGGGGAACAGGCGCCAGGGAAAAGGA AAGGAAAAAAAAGAGATGGGGCAGGGGAAGGCAACGGAAAACCGAGAGGG AA GAAAGGGAGACTTAGAAGGGAACGGAGAAGGAGAGCAAAGGGGGGAAC AAAAGCGGGAGAAAAAAGAAGAACAACGAAGAAGGGGAAAGACCACCAAG GGGGGAGGGGGCAAGGGGGGGAAGGGGAAGGAGAAAAACGAGAACAAAA GGAAAGAAAAAGAAGACCGGAAGAAACACAGGAAAAGGCCGGAGAAGGGG AAAGAAGAAGGACCGAAGAAAACGAGTAGGGGGAAGGAAGAGAAGGCCAA AGAGAGAAAAACGGGGGAGAAACCCATTCCGGGGAAGGTTAAACACAAAG GACCAAAAGGGGGGGGAAAAAGTACAGAAGAAAGGGAGGACAAGAAGGAA GAGACCAGCCCAGGGAAAAAAGAAGGAGAGAAAGGGAGGGGGGGAAAGGA G G AA G GCAA GAAGAGGGGAGAAAAGGAAAGAAAAGGGGAGGGAGAAAGAA G G G GA GAGAAGGGAAAGAAGAAAAAACAAAAGGGGGGGGGGGAAAAAAAG GAAGAGGGGGAGTTGGGAATGGGGGGAAGGCAGAAAGAAAGGACAATAG GAGCCAAAAAACCACAGAAAAAAGGAAGAATTAACAAAAGAAGAGAAGGA GAAGAGGGGAACGGGAAACGGGGCCAGTAACGGGACAAGGGGGAAAAAAG AGGAAACGAAAAACCAAGAAAACGAAGAGGGGGGGAACCGGAAGACAAGG GAAAAAAAAAAGGGGGGGGAAACCGGGAGCGAAAAAGGACCAAGGGGAGG GGGAACAGAGGAAAAGGAAAAGGGGAAAAAAAGGAGGAAACGAAGAGCAA AGGATCCAGCCAACCGAAAAGGAAAGGGAAAGGGGGAAACAAACCGGGGA GAGAAAGAGGGAGAAAAGGAAAAGAGGCAAGGGAACAAATTAACCAGCCG AGGAAAAGAAGAAGGAAAAGGAAAAGGAAAAGGGAGGCCAAGGAAGGGGA G GCAAGGAAAAACAAGGGGAAACGGAGAGAACCGGGGGGAAAAAGAGGGA AAA $A$ GGGGGGGGAGGGGAGGGGGGGGGAAAGAAAAAGAAGGAGCAAGAC AA $\operatorname{l}$ GGGCCGGTTGGAAGGCCGGGGGGCCGGAACCGGGGCCCCCCCCTAG GTATTGGAAAAGGAAAAAAAGAAGGGGGGCCCCAAAAAAAGGGGGGGGGGG GGAAGAAGGAAGGAACCGAAAGGGAAGAAGGACAGGAAAGGAGAAAAAAG GCCGACCAAGGGGGGAAAAGGGGGGGGAAAAGGGGCCAAAAAAGGAAAAC C G G CCGGGGGGGGAAAAGGGGAAAAAACAAAGGGGAAAAAAAAGGTACCA ACCAGTTAGAAGGCAGGAAAAAAGGGACCAAAAGGGGGGAAAAAAAAAGA AGGAGAAAGGAAGGAACGGAAAAAAGAGACCACACGGCATTGGAAAAAAG GAACCGGAGCAGGGGAACCAGAGGGAAGGGGCAAGAGAAAGAGCAAAGGA A G G G GAA G G G G G GAAAAAAAAGGGGGGGACCAAAAGGAGCCAAGGGGAA CCGAAACCAGGGACAGCCAAGAAAAGAGCCAGGGGGAAGGACAAGGCCGG AGGGGGGGAGAAGGAAGGCGAAAGGGGAGGAGACAGAAAACCAGTAGAAC GGCCGGAAAAAGTAGAAAAAGGAGAAAACCGGGGAAAAAAGAAAAAAAAG

AGCAAAGAAGACAGGGAAGGGAGGGGGGAAAGACAGAACCCCGAGAAGAC GAAAAAGGCCGAGGCCGGGGCCAGAAAAGGAAAGGAAGGGAGAGGGAAAG AGAAGGAAGAGACCAAAAGGGGCCGGAGAAGGAAAAATGAAAAACCGGAA AAAAGAGAGGCAAAAAGAAAGAAAAACCCAAACAAAAGAAGGAAAAGGAA CCCCAAGGAAAAGGCCAAAGGACAACAGAAGGCCGGAAAAAAGGCCAAAA G GACAGAAAAAAAGCCGGCCAAAAGGACAGAAAGGGGAGAGGAGGAAGAG GAAGCATAAGAGGAGAAAAAAAAACCAAGGAAGGCCGGGGACAGGGCCGG GGGAAGACAGAGAAAGGAGCGAACCACCGAAAAAAAGGGGGGAGCCGGAA AAAAGGAAGGGGGATTGAAAAACCCCGGCCAGGAGAAACCCAGAGGAAAA GGAAAAAAAAGAGAGGAGATAAAAAAAGGAGAGGGGGAAAGGGGCAGGCC AGGAGAAGGGGGAGGACCGGGAACGGCCGGTAGGGAGGCCGGGAGGGAC CGGAAGAGGAGAGGGAGGAAAGGACGGGGAAGGGAGAGAGAGAAAGGGA ATCAAAAAAAGAAGGGAGAAAAACTTAAAACCGGAAAAAAAAAAGGGGAA AACCGGTTAAAAAAAAAAGGGGCCAAAAGGGGGGGGGGCCGGAAGGGGG GGGGGAAGGAACCAAAATTAAAAAAAAGAGGAAGGAAAAGGGGAAGGAAT TGGAAAAAAGGAAGACCGGAGAAGAAGAAGGGGAACCGGAGGAGCGAAGC CGAAGCCAACCGAAGGGCAGGGGAACCCAGACGGGGAGGGGAAAGAAGAA CGGAGGAGGGGGAAGAAAATAGGCAGGAAGGAGACCAAGAGAAAAAGCCA AAGACAAAAGGCCGGGAGATTAGGGGGAAAGAAAAGACCGGAAACAAGGA G GACGAGAACCAATTAAAAACGGGAAGAAGAAGAAAAGAAAAAAGAGAGA GAGCAGGGGGAAAGGAAAAGGAAGGGAAAAAAGGGGGGGAAGGGAAGGA AGCCCAGGGGAAAACCCCGGGGAAGGGAAGAGGAGGGGGGGAGACAGGA AAAGGAAGGCAAGAAGGACAGAGAGTTAAGGGGGGGGGGCCAAGGGGGG GGAAGGCCGAAGGGGGGGAAGAAAGGGAGGAGGCGGCAAGAGGGAGAGC CAAGGGGGGAAGAGGGGGGAGAAGGAACAGGGGAAAAGGAGAAAAAACCA AAAAAGGGGAAGGAAGGAGACGGGGCCGGGGCAGAAGGGAAAGGAAAAG GAGGGGGGAAAGCACAAGAGGGAAGGAAGGAGGAGGGGAGAAGACCCCA AA $\operatorname{l}$ AGAAGGGGCCAAGGTAGAAGAGGATAGGTTCCAGCCGGGGGGAAGGA A G G A A G G G G G G G G G G A A GAGGAGAAGAGGAGACGGGAGGGGAAAAGAGG GAGAGAAGGGACAAAAAATTAGGGAAAAGGAAAGAAGGAGGAAAAGAAGG GGGGCGAGACTTAAAGAGGGAGAGAAGGGAGAACAGGGCGCCGGAACCAG AAGAAAAAGAAAAAAGACAAAACCAAGAAAAAGGAATTACCAGGAACGAAC CAGAGAGGACCGGGGAGGGCCAAGGGAAGAGAAGAGGGGAAAATTGGAG GAAAAGAGAGGGAGGGGGGAAGGAACAAGAGGGAGAAAACCCGGCAGGA GAAAAAGAGAAAAAAAAAAGGAAAAGGAACCAAGGAAGGAGGGAACCGGG G G GAAA GAAAAGGGGAGGGAAGAGAGAGGAGGAAGGAACGAGGGAACGG AGAGCCAGCCAGGGAAGGGGACGGCCGAACGAGAGAGGACGGGGGGAGA ACCAAAGCCAAAGGCAAAAGGAAAAAGCCGAGAGGAAAACCGGGGAGAAA A GAA A A G G GAA $\operatorname{A}$ GGAAAGGAAGGGGGAGAGGAGGGGGGGAGGAGGAAAG ACGACCGGAGAGGGGGAAACGAAGAGAAGAGGCCGGGGCAGGGGAACCG GAAGAAAAGAGAGAAGAACCCCCGGGACAAAAAGGGGAAGAGGGGAAGGA AGGGGGGAAGGGACCAGAAACAGGGAGAAAAGGGGAAAAGGAAAAGGGG CAGAGAAGAGAGAGCCAAGGAAGGGGGGGAAAGGGGGGAAGGAAGAAGG AAAAAGAGGGGAAAAAAAAAACCCCAAGGGGGAAGAGGGCACAAGACAAA GAGGAGGAGCAGACAGGGGGGAAGGAGGGAAGAGGGAAAACGAGAGAGA AAGGCCAGGAGAAGAGCCGGAGAAAAAGAAGGGAAACCGGGGAGAAGGAA GGAGCCGAAAGGCCGAAAAAAGGAAAAAGAGGCCAAGGGGAAGGGGGGAG AGCCAGGGAAAAAAGGAGGGAAGGGGGAGGAGGGACGAGAGAGAAAAAA G GA GACCAAAAAGAAGGGAAGCGGAACCCAGGAGAGGAAAGACGAGAACA A G G A G G ACCGGACAGGGGAAAAGCCGGGAGGACAAAAGGGAGGCCGGGG GGAAGAGAAAAGTTAGAAAAAGGAAAAGACAAGGAAGAAGAGCCCCGGGA AAGGAAGGAGGGAAGGAACCGAAAGAAGAAGGGGAGGAGAGGGGGGAAG A G G A GAGAAGAGGGGGGCAGGGGCAGAAAGGGAAAGGAGGGAAAAAGAA CCGGCCGGAAGGGGGGGGAGGGGGAAACGGAGGGGGGGAAGGCCGGTTG GAACCGAGAGAAAGGAAAAGGGGAAGGAAAAAAGGAAAAAAAAAACAGGA GAAAGAGAAAAAAGGGAAGGGGAAGAGGGGGGGCCAGCCCCGAGAAAGGA AGAAGCAAGAGAGGAAAAAAAGGAGAGGACCAGGAAAAGAGGAAAAAACA AAAGGAAAAAACAAAAAAAGACAAGGAAGAAGGAGGGGGAAGGAGGAGGG GGGCAAGCCAGGGACAACACCAAGGAAAGCAGAGGGAAAAGAACCAAGGA CAAAACAGGACGAGGAAAAAAAAGGAAAAAGGGGGAAGGGGGAGAGGAAG GGGAACCAGACGGGGACAAAAGGGAAGAAAGAGAAAAGAGGAAGGAGAAC

CAAGGAGAAGAAACCAAAAGGGGAGAAAAAGAGCCGAGAAAGAGAAAAGT AA $\operatorname{la} A \operatorname{A} G \mathrm{GCCCOGGGAGAGGGGAGAACGAGGGCCAAGAAAAAGGAGGGGG}$ G G GACAGGAAGGGGGGGAAAGGGGAAGAGGAGAAGAGAAAGGAAGGCAG GAAGAGGGGGGACGGGGGGCCGGCAAGAAACAAGAGGAACCAAGAAAGGA G G G A A G G G G GACCGGCCCCGGGAAAGGGGGAGAAAACAAAAAGCCAAGGA G G GCCGGGGAAGGAAGGAAGGGAGGGGAAAAGGGGAAGGGGAAGGGGAA G G A A A A A GAGAAGGGGGGGGGGGGGAAGAGGGAATAAGGGAGGAAACCA AGGAGTACCGGAAAAACAGGGAAAAAAAAAAAAGGAAGGAAAAGGGACCG G G GAAGGCCAGAAAAGGAGGGGGGAGGAAGGAAAAGAAAGGCCCAAGAG GAGAGAAAGAAAGGTTGGGAGAAAAGAACAAGGGAGGAATAACCAACCCC CCAAAAGGAAGGGGGGGGGGCCAAGGGGAAGGGGGGCCCCAAAACCGGA AGGAAGGGGAAAAGGAAAAAAAAAAAAGGGGAAAAGGAACCAAAACCAAA ACCGGAAAACCGGAAAACCCCCCAACCGGGGAAGGAAAAGGGGGGCCAAC CGGGGAAGGAAAAGGAAGGAAGGCCGGAAGGAAAACCGGAAGGAAGGAAA AGGAAAAAAAAAAGGAAGGAAGGGGAAAAAAAAAAAAAAAACCAAGGGGG GGGAAGGGGAAGGGGGGCCGGAAAAGGGGGGAAAAGGAACCAAGGAAGG G GAAAAAAGGCCAAAAGGAAGGAAAAAAGGAAAAGGAAAAAAAAAAAAGG AA $\operatorname{G} \operatorname{GGGGGAAGGAAGGAAAAGGGGCCAAAAGGGGGGAAGGAAGGGGAAA}$
 G G A A A A A A G GAAAAGGGGGGAAAAGGAAGGGGGGGGAAAAAAGGAACCAA G G G G G G G G G GAACCAAGGAACCCCGGGGCCAACCAAGGAAGGGGGGAAA AAAGGAACCAAAAAAGGAAGGGGCCGGAAGGGGCCCCAAGGGGGGAAAAT TGGAAGGAAGGGGAAGGAAAGGAAGGGGGCCAAGAGGGGAAGGGGGGGG GAA $A$ A G G G G G G G G GAAAGGGCCAAAGGACAAGAAGGAGGGAAGGAAGGG AAA $A \operatorname{GGGGGGGGAAACGGAAGGAAAAGGGGAAGGAGGGGGAGAGATGAGG}$ GAGAACAAGGCCGGGGAAAGAGAAAGGAAGCAAAAAGGAAAAAGAAGGAA GGAACCTTGATTGGCAAGGAGACCAGGGAAAAAAAGGGGGGGGGAGAAGA AAGGAAAAAAGGGGAAGGAAAGAAGGGGCCGGAAACAGGGTTCAGGGGAA AACCAAAACCAGGGGGAAAAAAGGAAGGAAGACAAGAAGGAAAGAGAAGG CCCCAACCGAAAAGAAGGAAAGAGAAAAAAGGAAGGAAAGCACAGGGGAA TTAACCGAACGGGACCAGGAAAAAAGGGAAGGGGCAAGGAAGACGGGGGG GAAAACAGGCGGGGGGGGAAAGGAAAAGGGGGGGAAGGGAGAATGGAGG GAAGGAAAGAGGGAGGAAAGGAAAAGGGAAAGGAGCCCCAACCAAAAGGA GCAAAGGGGAAAGAAGAAAAATAGGAACCGGAAAACCCCAACCAGAGAAA AAAAACAGGGAAACCGGGGAGAAGAAGCCAGCCGGAAAACCGGGGGGAAA AGGAAAAAAGGGGAAAAGGGGAAGGAAGAGGAAGGGGAGGAACAGGGGA GACAGGAAAGACGGAAGGAAGGGGAGGCAGAAGAAAGGTTAAAAGGGGCC AGGGAGCAGGAGAAAAAAAAGGCCAGGGAAGGGGAAAGCGGGAAAACCCC AA $\operatorname{l}$ GGGGAAGAGGGGGAAGGAGAGAGCCAAAAAAGGAAGGGGAAGAAGA AAAAAAAGGCCGGGGAACCGGGGGGAAGGAGGGGACCGCCAGGGGAAGA GGAACAAGAAGAGGAGGGGGAAGGAGAAAGGAGAAAAAGGAGGGGGGGG GGAGGAACCAAGGCAGGGGACGACAAGCCGGGAAGAAAAGACCAAGGAGA AAAAAAAGGGGTTAGAAAAAAAACAACAATACCAAGAGGAGGAGACAGGG GAACCGAAGGGAAGGAAAATTCCCCAAGGGGGGAGAAAGAGGGAACAGAC AAAACGACCGGGGGACCAAGGGAAGAAGGGGGGAAAACCAAAAAAAAGGA AAAAAAAGGGGGGGGAAAAGGGGGGAAAAAAAAAAAACCGGGGAAGGGGG GGGGGAAGGGGGGAAAAAAAAAAAACCAAGGAAAACCAAGGGGCCGGGGC CAAGGAAAAGGAACCAAGGGGAAGGCCAAAAAAAAAAAAAAAAGGGGGGA ACCAAAAAACCAAGGGGAAGGGGACGGGGGGAGAAAAATAGGAGAGGAAG AA $\operatorname{GAA}$ A G G G G G GAAAA $\operatorname{AAACCGAAAGGGGAAGGCCGAGGGGGAAAGGGG}$ GGGAAAAAAGGGACTTGAAAGAAAAGGAAAAGGGGAAAGGGAAAAAACCC AAAACCAAAGGGGGGGGGGGGGAGCAGGGGGGAAGAGAAAAGAAGAGAA CGGCAAGCGGAGGGGAAGGAACCAAAAGGGGCAAAGGCCAAAACCAGCCC C GAAAAAGGAAAAAGTAACGGATACGGACAAGGGGGGAAAAGGGGGAGAA GAGAAGAAACCGGGGGGGGGAGGAGAAGGGGGGAAGGAAGGAAGAAGAA GGGGGAAAGGAAGAAGGAAGGGAAAGCAGGGAGAGGAAAGGGAACAGAA AAAGGGGGGGGCCAAAGAAAGAGAGCAGAAAAAGGCAGGGGGGGGCCCA GGAAGAAGGAACAAACAAAGGATTGAGAGAAGGGAGAAAAGAAGCCAGAG AGAAAGGAAAGAGAAGGGGGAGGGGGGGGGACGAAGGGAGAAGGAGACA GAAATAGAAGGAGAAAAAAAGAGAAGGAGAGGGACGAAGACGAGGAGCCA AGGAACAGGGGGAAAAGAAAGACCCAAGGGGAAAAAACCAAAAGGAAAAG

G G G G G GAA $A$ AGGGGAGGGGGGCCGGAAGGCAAGGAAGAAGGGGAAGGGG CAAGAAAACCCCGGAAAGAAGGGAAGGGAGAGGGGGAAAAGAAGGGGGG GGGAAAGGAGGGGGGAAGGAAAAGAAAGGAAGGAAAAAGAAAGAAAAGGA C G G A G G A GAAAACAGGAGGAAGGAAAGCAGGAGAGGGAACCGGGGGGCC AGAAGGGACAAAAAGGGGAAAAGGGGAAAAAAGAGAAAAAAACCCCGGGG G GTTGGAAGGGGAAGGAGGAAGAGGGGGGGCCGGGGGGCAGGGGGGGGA AAGCCAGAAAACCAAAAGGAGAAAAAAAAAGAAGGAAAGCCGGAAAAGGG G G G G G G G A A A GAAAAAGAGCCCCGGGAAAGGGAAGGGGGGGAACAGGGG ACGGAAGGGGGGAGGGAAGAGAGGGGAAAAAGACAGGGGGCCGGAGGAG AAACCAGAAAGAACCGGAATTAAAAGGGGGGCCGGAAGGAAGGGGAGGGG AAACCCCGAGGGAGGGAGGAGGGGGAAAGCCAAGGGGACCCGGGAAACCG GGAGGGGACGGGGAAGAAGGGGAGACCACGGGGGGGGCCAACCAGCCAA GGAGAACCGGGGAGGGGGGGGGCCCCCGAGAAAAGAGGGAAGGGGGGAG GCCAAGAAGACACGGGGAAAAGGACCCAGAGAGAAAGAAGGGGGAGGCAA GGGGGAGGGGGCAGGCCGGAGGGAGAAAAGAACGGACAAGGAGAACCAG G G G G G G G GAAGGAGAGCCAGGGAAGGAACCAAGGCCGGGGGAGGGGAAA A G G G GCCAGAAAGCAACGGGGGGGGAGGAGGGGGGGGGGGGGAAAGAGG AA $\operatorname{H} A A A G A G G G G G G A A G G A C A G G G G G G G A G A A G A A C G G A A G A A C G A G A G ~$ AGACCAGAAGAGAGGAGGGGGACAAGAAGAGAACCAAAAAGAGAGGAGAG A G G G GAGAGGGAGGGGGAGAGTTAGAGACAGGGAGAACCAAGAAGAGAA AACAGGGGAAAGGGAGAAGACAAAAAAGAGGGAAAGAGAAAAGGGGGGAA G G C C GA G GAGGGGGCCGGAAGGAGGGAAGGAACCCCGGAGGGGGGACCA GCAGGGAGGGGGAGGGGGGGAGGGAGGAGGGTTAGGAGAAGCAAAAAGA GGGGGAGGAAGGGAGAAAAAAAGGAAGGAAGGGGAGGAGGGAACGGGGG G G A G G G G G G G A A A AA GGGGAGAGGGAAGAAAAGGGAGACAAGGCCGAAA AAAGAGAACAAAAAAAGGGGGGGGAAAAGGAAAACCAAAAGGGGAAAAAA AATTCCGGAAAAGGGGAAAAAAAAAAGGGGAACCAAAACCGGGGGGGGGG CCCCAAAACCAAAAGGAAAACCAAAAGGAAAAGGTTCCAAAAAAGGAAAAA AGGAAGGAAAAAACCCCCCAAGGAAGGAAGGGGGGCCAAGGGGAAGGGGG GGGGGCCGGAAAAAAGGAAGGCCGGAAAAAAGGAAGGAAAAGGGGCCAAA A G G G G G G G G G GAAAAAAAAAAAAAAGGGGAAAAAAGGAAGGCCGGAAAAG G G G G G AAAAAAAACCGGAACCAAAAAAAAAAAAGGGGGGGGGGAAGGGGA AGGCCCCAAAAGGAAAAAAAAAAAAGGGGGGGGGGAAAAGGCCAGAAAAA GAAGAGAAAGGACAGGGAAAAAAAAAAAACAAAGGAAAGGAGGGGAACCG GAAGGAGAGAGGAGGGGCCAGGGACGAAGAAAACCACGAACCGGAAAGGA GGAAACCAAGGGAAAGAAAAACAGGGAGGGGACCCCAAAAAGGAGGGAGA AAAAAGGGGAAGGGGGGAGAGGAGATTGGGGGAAAAAAAAAAGAAAACCG AGGAAAGAGGGGAATAAAAAAGGAAAACCGGGGCCAACAAAACGGAAGGA AAAGGGGAAAGAGCGGGAGAAAAGACCGGCCGGGAAAAAAGGGAAAGGGG
 CCGGGGCCGGAACCAAAACCAAGGACCCGGAGAAACGAGGGGAGGAAGCC GGGGAAGGAGGAAGAAGGAGGGCCGGAGGGAAGGGGGACCAAGGAGCCG GGGGGCAGACAAAAGAGACGAAGGGAATAAAACAGCAAAAGCAGGGGAAG GCGCCAGGGCACAACGAAAAAAGAGGGGAGAAACCACCCGAAAAAGGAAA AGGGAAGGGAAAAGGGGAGAAAACCAAACAAAGCCAGAAGAACAGGGCCA AGGAAGGCCGGAAGAAAAAAAGAGGCCGGAACCAGGGAAAACCGGGGGGG CGGAAAACCAAAAAAAAAAGGGGGGGGGAGGAAAAGGAAGGAAAAAGATC CAAAAGGGGACAACCAGAAGGAAAGAAGGAGAAGAAGGGAAGAAGACAGG AAAAGAAAAGGAGCAACAGCCGGGGGAATAAAAAAAGCCAGAAGGAGCCC CAGAGCCGGAAGGGAGAACAAAAAGACGGGGAAAAAAACGGGAAAGGAGG AAAAAGGAGACGGAGAGGGAAGGAAAAGAGAGGGGGGGGGGGAGAAACA G GAA $\operatorname{G}$ GGGGGGGAAAAGGGGAAGGCCAAAACCAACCAACCCCGGCCGAAG AAAAAAGGGGAAAAGGAACCCCAAAGAAGGAGGACAAAAAAAAAAAGGGG A GAATTAGAAACAGGGAAAACCGGGGGAAGAGCCACGGAACAGAGAGAAC AGAGAGGGAAGGAGACGGGGAACAAGAAACAAAGAAGGAGGGAAGGGGC GAAAAGAGGAAGAGGAGGGAAGGGGAAAACCAGAGAAAAGAAAAGCAAGA AGAAACCAAAAGGAAAAGACAAGCCAAACAGGAGGAGAGGGAGGAACGAA ACAGAGAATAGAGAAGGGGAGAGAAGAAAGAGAGGAAAAAGGAGAGAGAC CAGAGAGCAATAGGGGAGGGGACGAACACAGAGACAGCAGGTAGGGGGAA AAAGGGGGGGGGGAAAAGGGGGGGGAAGGAAAAGGAAGGGGGGACAAAG GGAAAAAAGGGGCCAAGAAAAGAAGGGGGAAAGAAGAAAATTGGAACAAA

GAAACCAAGGGGAAAACCAAGGAAAAGGGGAGGGGGCCGGGGGGGGGAA GAAGGAGAAACAAAGGGGGAAGGAAGGAAAAGGGGGGAAGGAAACGGAA GGATAAAGGGAAAAAGGGGGGGAAAGAGAACCAACCAGAAAGGGCCCCGG GGGGAGGAGAACGGAGGGGGAAGGGGCCAGGAGAAGAGGAAAAAGAAAA AGGGGGGAGGGGGGGAAGGAACCAACAAGAAAAGGAGAAGGGGAAGGAA AAAAGGGGGAGAGAAAGAAAGGAAAAGAGGAAAATTAAGGAAGGAAGGGA CAAGGACAAGGGGGTTGGAATAGGAGAGAGCAACAGGAGGAAGAAGAACA GAGGAGGACCAGGGAGAAGGAAGAGGCAAGGAAACCGACCAAAAAAAAAA ACCCCCGGAAGGGGAAGGGGTTGAAAAAAAGGGGCCGGAGCAGGAGGGAA CGAAGGAGGGAGAAACGAAAGAGGAGACAAAGGACGGAAAAAAAGAGGGA CCGAGGAAGGAAAGAGAAAAGAGGGGAAGGGGGGCCGGAAAACCGAGGCC GGGGGGAACCAGGGGAGGAAGGGGGGCAAGAAGGGAGAGAGGAGACAAG GAAACCAGGGGAAAGGAACGGAACCGGCCCCAGAGGGGAGGAGCCACCAA GGGACAGAGAGAACCAACAGGAAAAAGAAGGGGAGCAGAGGAGGAGGAGG AGAGATTGGAGGGGAAAAGGACGGACAAGAGCCGGGGAAGGAAAAGGCAG AA G G G G GAA GGAGGGGGGAGGAAAAGGAGGAAGGAGGGAGAAACCGAGA GGGGGGGGACAGAAGGAGAAGAAGGGGGGGGAAAGGAAAACCGGGGGAG GAAAAGGGGGGAAAAAGAAGGAAGGACAAGGGGAACAAAGGAGGGAAAGG AAAAAGGAAAAGGGGGGCCGGAAGGAAGGAGGAAGGGGGGGCAGAGAGA ACAGGAAAAGAAAACCAAAGAAGAGGTTAGGGGGGGAAGGCCGGAGGAAA GGCCAGGAGACCCCGGAACCGGGGAAAAGGGGAAGGAAGAAGACGGGACA AGGGGGGAGGAGCCAAAAGAGGAAAAAAGGAAAAAAGGGGGGGGCCAAG GGGGGGGAAAAAAGGCCGGAACCTTGGGGCCGGAAAAGGGGGGCCAAAA G GCCAAAACCGGGGCCGGGGGGAAAAGGAAGGAAGGAAGGAAAACCAAAA CCAAGGGGGGGGCCGGAAAAGGGGGGAAAAAAGGCCAAGGGGGGGGAAG GCCAAGGAAAAGGAAGGGGCCAAAAAAGGGGAAAAAAAAGGAAAAGGGGA AGGAAAACCGGGGGGAAAACCGGAAAAAAAAGGAAAAGGGGAAGGGGAAA AAAAAAAGGAAAAAAAAAAGGAAAAGGGGGGAAGGAAAAGGGGGGGGAAC CAAAAAAAAAAGGGGAAGGCCGGAAAACCAAAAGGGGAAGGAAGGGGAAT TGGGGCCGGCCGGCCAAAACCAAAAAATTCCCCAACCAAGGGGAAGGAAA AGGGGCCAAGGAAGGGGGGAAGGGGCCCCGGCCGGAAAAAACCAAAACCA ACCAAAAAAGGGGCCCCGGGGCCGGGGCCGGAAAAGGAAAAAACCGGAAA A G G G G G G G G G GGGAAAAGGAAGGGGGGGGGGGGGGGGGGCCAAAAGGGG AAAAGGAAGGAAAAGGCCCCAAAAGGGGGGGGAAAAGGGGCCGGGGGGG GAAAACCGGAAAAAAAAAACCGGAAAAGGGGCCAAGGGGAAAAGGCCCCC CAAGGGGGGGGAAAAGGGGGGGGGGGGCCGGAAGGAAAAAACCACGGGG CCGGGGAAAAAAGGGGCCGGGGGGGGGGCCGGAAGGAAGGGGAAGGCCA AAAAAGGCCGGGGCCGGGGAAGGAAAAAAGGAAGGGGCCAAAAAAGGGGG GGGGGGGGGAAGGAAGGAACCAAGGAAGGCCGGCCGGGGCCGGAACCGG AAAAGGGGGGGGAAAAGGCCAAAAGGAAGGAAAAAAGGAAGGGGAAAAAA AAAAAAAAGGAAGGAAAATTAAAAAAAAGGAAAAAAGGGGAAAAAAGGAA CCGGGGAAAAAAGGAAGGAAAAGGGGCCTTAACCCCGGCCAAGGGGAAAA AAAAGGGGAGGGGACAGGAAGGGGAAGGGGAAGGGGGGCCAGGAACAAA GAGGAGAGGGGGGGAAGAGAGAAAAGAGGCCGGGAGAAAAAGGGGAGAA GACCGGCCCAAAAAAAAACCGCACGGAGAAGGGGGGAAAAAGGGAACCAA AA GGAAGGGGGGAAGGGGGAAGCAGGCCAGCAGGAGGGGGAGGGAGAGG GGGGAAGGAGGGAAGGGGGGGGGGGGGGGGAGGAAGGGGCAGCGAAGAA AGAAAAAAAGAACCAAAAAAGGGGGGGAGAAGGGGAGGGAGGAACAAGAG AAGGAAAAACGGAAAAAAGGGGAAGGGGGGAAGGAGGGAAAGGAAGAATT AGCAGAGGGGAAAAAAAAAAGAAAGGGGCCGGAAGAAGGGCCAAGGAAGG AGCCAGACGAAGAAGGGGAAAGGGAACCAAAGGGAGGGGGAAGAAAGGAA AA G G GAGGGGAAGGGGAAGAAGAAAACCGGGGAAAAGGGGGGAAGGAAG GGGGGGAGAGAAAAGCCGAAAGGCCGGAAAAGGGGGGAAAAGGGGGGAA GGGGGGAAAAGGAAAGAGAAAAACAAGGGGGAAGAGAGAGGAGGAGGGA GAAAAGGAGGGGGAAAAGAAACCAAGGGGAAGGTTGAGGCCGGGAGAAAG GGGGGCCAAGGAAGAGAAAGGAGCAAAGGAGGAAACAAACAAAGAGGAAA AGGGCAGAGAACCGGCCGGGGGAAAGGGGGGAAGGAAGGAAGGCCACAA GACCCCGGGGGGGAGGGGAGGAAGAAGGAAAAGGGAGGCCGGCCCCGGG ACCGGGGCCCCGGGGGGAAAACGAGGGAAGGGGGGCCAAGGGGAAGGAG GGGACAAAGGGGGGGAGGGGGGCCAAAGGGGGGGGGCCAAGGGGGGACG GGAAGAGACGGCCGAACGAGGAACAACGGACAAACAACCGGAATAAAGGC

CAAAAGAGGGGGGCGGGGGAGAGGGATAAACAAGGAGAGGGGGGGGGGG AGAAAAAGTTGAGGGGGAAAAGAGGGAGGGAAGAGGAACAAAAGAGAAGA CCAAAAAAAAAAAAGGCCGGAAAAAAAAAAGGGGGGGGGGAACCGGAGAA G G G GCC G G G G G G G G G G A A G GCCGGCCGGAAGGGGAAAAAA G G G G G G G GA AGGTAGAAGGAAAAGAGGGAAAAGATTGACAGAAGGGAAAAGGCCAACCA AAGAGAACCGGAGAGAACCAACCCCAAAAGAGAGGGGAAGGAAAAAAGGA GAAAAAAAAAAAAGGGGAAGGGGGGCCAAAAGGAAAAGGGGGGGGAAAAA ACCAAAAGGGGAAAACCGGAAGGGGCAGGAGAGGGAAAAGAGAGGTTAAA GAGAGAAGGGAGGACGAAGCCCCAGAGAAAAAGAGGAGGGACCGGAAGGA GACAAGGAACCGGGGAGAGAAAGCCGGAGGGGGAAGAGGAAACCCGGAGC CAAAGGGGGAGGAGGCAGGAACCACAAGGAAGGGGCCGGGGAGGGGGGA GGGGCAAAAAAGGGAAAAGGAAGAAGAACCGACCGGAGAGAGAAAAAGAA AAAAAAACCCAGAAGAGGGAGGGGGGAAGGGGAGAAGGGAAAAAGGAAAA CCAAGGAAGGACCAAGAGAGAAGGGGAAGGGGAAAACCGAGGAAGGAGGA GGGGAGGGAGAGGGGCGGAGGGGGCCAGCCAACAGGAAAAGGGAAAGGA AGGAGAGAGCCAAGGAGGGCCAGGGGGACAGGAGAGGAAGAGGCCGGAA GACCAAAGCCGGAAGGAAGGAGAAAAAAAAAGGGAACCAAAAAAAAAACC GAGGCCGGAAGAAAGGAGGAGAAAAAGGACAGGGAAAAAAGGGGGGGGA ACCAAAAAAAAAGGGAAGGGGACTAGAGAGGGGAAGAGGGAAAGACAAGG GAAGGGAAAAACAAACCGAGAAAGGAAGGAAAAGACACCCCAAGGGGAGG GAAACAGAAGGAAGGGGAAACCCAGAGAGGAAAAAGGAGAGGGGGAAAAG GCCAAAGAACGCCAAGGGGAGGGAAAAAAAGGAAGGAAAGATTGGAGAAA AAAAAAAGGAAAAGGGGAGAACCAAAGCCGAGGAAAAAAACCCAGCCCAA GAAGGAAGGGGAAAAGGGAGGAGAGGGGAAAGAACAGAAAGAAAGGGGA AAAGGACAGAGAGGAAAAGAAGCCAACCGGGGAAGACACAGGAGAGGAAA CAAGGGAAAAAAAAAAATTACCAACCGGCCAAGGGGGGAACCAGAAAAAA AAAGGGGACGAGAAGAAGGGAAAATTAAGAAAGGAAGGGAGGAAAGAAAA GGAGCAGACCAAAGGAAGGGAGACGGAAGGGGAGAGCCGGGAGGGAAGG GAAGGGGAAGGGGAGAAAGGGCAGGAAGGGGAAAGCCAGAGAAAAGGGG GAGGGGGGAAAAGAGGAGAGAAGGAAGGAAGGGAGGAGGGCCAACCGAA GAGCCGAGGAGAAGGGGAGGGAAAAAAAAGAGGAAAAGGAGGAGGAGGG CCAAAGCCGGAAGGGACCGGAGAAGAAAAAAACCGGCATAAAAGAAAAGA G GAA $\operatorname{l}$ GGGGGAGAAAAAGGGAGGGGGAAAAGAGAAGAGACAGAGCCAAG GCCAGCAAAAGCCACGGGAAGGAAGAGGGGGAAGGAAAAAAGGCCGGAAG G G G G G G G G GAA G GATAGGGGAGAAGAGCAGACCCAAAGGAGAAAACCGG A G G G G G G G G A A A A CAGAAGGAGAAGGGGGGGGAAAAGGAGCAAAGGAGA AGAGGAAAACCGGGGAACAAAAAGGAGGCAGAGAAAAGGAAAGCCAAGAG A GAAAGAAGAGGGCCAAGGAAGGAACCAAGGAAAAGAGGGGAGAGAGAGG AAACCGCAGGGAAGGAGGAGAGAGGGGGACCGGGAAACGAAAGGAAGGA GGGGAACACAGAAGAAAAAGCAAAGGAAAAGGGGGAGGGGGAGAGAAAGG AGAGCAACGAGGAAAAAAGACCGAAGGGAAGAGAAAGGACACTTGAGGAA CCGAGGAAGGCAGAAGGAAAGAAGGGAAAAGAGAGGAGGAGACAGAGAAG AGAGGGGAGAAACAGAGAAGAAAAGGGATTCCCCGGGGAAAAACCCAGCC GGGGGGAAACGGAAGAGAAGAGCACGAAGGGGGACCACGGAAAAGGAAAA AAAAGGAGAGGAAGGGAGGGGGAAAAAAGGGGGGAAAAGGGGGGAAGGG GCCAGGGGGGGGGCCGAGGGAAGAAGGAAGGGGAGGGAGGGATCCGGGA GGGAAGAAAACCACGGAAGGGAGGGGCCAACCGAGGGGGGGGGAAGAAG GAAAGAAGAGGCAAAAAGAGGGGAACAAGAGGGAAAGTTGACAAAGAAAA GAAGAGGCAGAAAGGCCAAGAGGAGACGGGGAAAAGGCCAAAAGGGAAGA ACCAGACGAAAGGCCAAACGGGGGAAGGGCCAAGGGAGGGGGGAACCGG G G G G A A G G G G A A A A G G G G A A G ACAAACCGGGGAAGGAGAGGAAACCCCAG A G G GAA $\operatorname{A}$ GCCGGGGAAGAGAGGGAAGGGGGAGAGAGAAGGAAGGGGGGG G G AT TAAGGAACCGGAAGGCCGGGGCCGGGGGGGGAAGGGGAAAAGGAC G G AAAAGGACGGAAGGGAGGAAACCAGGAAAAAAGAAAAGGGAGAAGGGG AAAGCCGGCAAGGAGGGGAGAAAAAGCAGGAACAAAAACCAGAGAGAGGG CCAAAAAGAGAAAGGGGGAAAAAAGGAGGACGGGAAAAGGAGGGGGAGG GAAGGAAGGGAAGGGGAGGGGGAAGAGGGAAAAAGCGGACAAAGGGAGG GAAAGGCACGAGGATTCCAAGAGGAGAAAAAGGGGGGGAAAAAAGGGGAA AAGGGGCCAAAAAAGGGGAAGGAACCAAAGAAAGGGGGAAAGAAGGAGAG GGCAAAGAAAAGGAGAGGAAAAGGGGGGAAGAAAGGAAAAGGGGAATTAC AGGCGAAAAAGGGGAAAAGGAAAGGACCAAAAGGAGAGGAGAGAGAAACC

AA G GAAGGCAGGGAAGGGAAAGGAGGGGAGGAGAGAAAGGAGGAGGGGA AAAAAAAGGGGGGGGAAAAGAGGCCAAGGAGGAAAAAAAAAGGGAAGCCA GGGAAGGAAGGAAAAAGAGGGGGGGCAAGAGCGAAGGGGGGGGAAGAAG GAAAGGGGCCGGACAAGGGAAGCCGGGGAAGGAGAGGAGGAAAAGGGGA AAAAAAAGGGGAAAAAGAAGGGAGGGGGGGGGGAAGGGGAAAAGGAGAG G GAACCAGAGAGGGGAGGAAAAAAGGCAGGCCGGAAAACCAGAGGCGGAG CAGGAGAAGGAAAAGGAGAAAAGGACAAACAAAAAAAAAACCGAAGAGAA CCAGAACGAAGGAAGAAGGAAAAGACAACAAGGGAAAAAAGGGGAAGGGG GAACGGGAAGAGGGGGGGCCAAAAGAAGGAAGCCGAGAGGCCGGGGAAA G G G CCAAA $\operatorname{A}$ GAGGGGGGGGGGAGAGGGGGGGGGGGAGAGCCGGGGAAGG GGAGGGGGAAAGGAGAAGAGGGAAGGGGAGAAAAGGTTTAGGGGGGAGA GAAAAGAGGGGGGGGGGGGAAGACCACAAAAGGGGAGGAACAGAGGGGG AAGGGGAACCAGGGGAAGAAGAGAGAAAAGAGGACCGGCCCAGGAAAAAG GAGGAAGGGGCCAGACGGGAGGAAGAGAGAGAAGCAAGGAGGGAAAAGG GAGGGAAACAAAAAACCAAGAGGGAAGGGGGAACCGAAAGAAAGGAGGGG GAAAAAAAGAAAGAGGGGGTTGGGGAAAAGGCCAAAAAGGAGGAGGAAAG GGAAACCGGCCAAGGGGAAGAACAGAAAAGGGAGGGGAAGGGCGGAGAG A G G G GAAAGGAGCCAAAAGAGGCAAAACCCGGAGGGAAAAAAACAAAGAC ACGAAGAGGAAAGGAGCCAGCAGGGAAGAGAGAGAAGGGGCCGAGGAAAA AATTAAAGGGAAGGATGAGGGGACGGGGGGGCAGGAAAAGAGGAAGGGG G G G A A A A A A G GAAAAGGGGGACCAGGGGGAGGAAGAGGGAAGAGGGGGG AAAGGAAGAAGGAAAACCAACCGGGACCGAAGAGAGGGGGCCAAAAAAAA AAA $A$ A $\operatorname{la} A \operatorname{CAGGGGAAGGAAAGGAGAGGAGGGAAAGGGGGGGGGAAGGT}$ TCCGGGGGGAGGGGGAAAAAAGAAAAGGGGGGAAGAGAGGAAGGAAGCC G G AC CAA G G GAGGAAGGAGGAGAATAGGGGTTAAAAGAGGGGGGGGAAA AAAACGGAAAGGAGAGAGGAGGGGACACAAAGGGAAAAGGAAAGGAACAA GGGGGGACCCCAGGGAACAAAGAAAGGAACCGGGAAAAAGAGAAGGGGGA GGAGATAGGCCGGAAGAAGGGGAGGAGGAGGAAAGCCACGAATGGAAAGA AGGGGGAAAAAAAAAGGAACCGGGGAAGGAATAGGACGGGGAAAAAACCC CGAGAGAAGAGAGGGCAGGGGGAAGGAAAAGAAAAAAGGAAAAAGAGAAA C G G G GAGAGGGGGGAAAGGGAAAAAGGGGCCGAGGGGAAAGGGAAGGCC AAGGAAGAGAAAGGCCGGGAAAGGGGGAAAAGGAAAAAAAGGGAGGCCAA A G G GACAGGGAAACGGGCAAAGGGAGGGGGGAAAGGAGGGCGGGCCAGG
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AGAAGCCGGGGGGGGTTGGGGAAGGGGACAGAAGGAGAAGGAAAGAGAA G G G GCCGAAAAGCAGGGGGGGAGAGGAAGAGGAACACACAAAGGAGGAA G G G G GCAGGGGGGAAGAAAAAAGGGCAAAGAAACCAAGGCCAAAAGAACA AGGAAAAAAGGAGAGAAAGGACAGGAGGAGAGAGGAGACAAGAGGGGAAG GAAAAAAGGGGAGAAGAAGAGGGAAGGGGGGCAAAAAGGAAAAGGCCAAA AGGGGAGACAAAAAAAACAAGGACCACAAAACAGAAGGGGGTAGGAACCG GGGAAAACCGGAAGGGAAGAAAGAAAAAGGGAGGGAGGAGAGAAGAGAG G G G GAAAAA GATGGGGACAGCAGGGGGGAAGGGGGGAAGAAGAGGAAGA CGGCCGGAAGGAGGGCCGAAAGGAGGGATGAAGAAGGGGAACCAAAAAAG AGGAGCACAAGCCAAGGGGGGCAAGGAGGGGCCAAGGACGGGAGGGGAA TAAGAGGAAGAGGAAAAAAGGGAAGACAATCAGAAGAGGAGGAGGGGGAA AAAGAAGGCACCGGGGGAACACAAAAGAAAGAGAGAACAGAAAAAAGGGG AA $A$ AGGAAGGGACAAAGAAAGGGGCCAGAACAAGAGCGGAAAGAGAGGAG CAGAAGGGGGGAAAGGAAGGGGGGAAGGGGGACAAGCCAAAAGAGGGGA AAAAAGGGGAAGGAGAAGGAAAAGGGGGGAAGGGGAAGGGGGAAAGGAA AAGAGGCCGGAGGGAAAACCCCTTAGAAAGAAAAAAATGAGGGGCAGGAG AAAGACAGGGAGAGACCGGGAAAGCAGACCGGAAAAAAAAACGGGGGGAC G G G GAA G GAACCAA G G G GCAGGCCGACCGGCCGGGGGGGGGGGGGGGGC C G G AA G G A GAAAAAGGAAAAAGAGGGGAAAAAGGAAAGGGGAGGGGAGG AAACAGGAGAGGGGGGCCAGAAAAAAAGAAGGAAAGAAAAGGCAAAAAGG GGGAGAAGACACAGAAGGGACACCAACACCAAGGGGGGGGAAAAAGGGCC G G G GAAAAAAGGAAGGGACCAAAAAAAAAAAACCCCAAAGACGGAAGAGA GAAAGGAAACCAGGGGGGGGGGGGAAGAGGAAGAGGAAAGGGAACCGGA GGGAAGGAACCGAGAGGAAAAGGCAGGGGAGGACCGAGAGAAAGGGGAG AGAAGGAAGAAAGGGGGAAAGAGAACCAAAACAAGGAGAGCAGGGGGGAA GGGGGGAAAGAACCAAAAAGAGAACCAGGGCCAAAGAAAACAGGACAGGA ACGAAAGGAGAAGGCCAAAAAAAACCAAAAGGGGAAGGGGGGAAAAAAGG AA G G G G G ACCAAAAGGAAAAAAGGAGGGAAGAAAGAGGAAAAGGGGGGG GAAAGGGAAAAACCCAACCGGAAGGTAGGCCAAAAAACAGGGAAAAAAAA CGGGGAAAAAACGAAGACACCGGACAAAAGGAAGGAGAGAAGAAAAGGAA ACCCCAGCCAGGGAAGGAAGGGGGGCCGGGGGGAACCCACAAGAGAAGAA AAAAAGGAACCCCGGAGAGAAGAGGGACCGGGAAAGGGGGGCCGGGAGG AACCGGGGAGGGGAGAGGAGAGGGGGGGGGCCAACCAAGGGAGGGAAAG G G G G G G G A A G G G GAACCCCGGCCGGCCGGAAGGGGAAGGGGAAAAAAGG AGACGGAAAAGGAACCAGAAGGAACCCCAAGGAAAGCCCCAACAGAAAGG AA G GAAACGGGAAGGGAGAAAAGGGGAAAAACGGGAGGAGGGAGAGGGA AA $\operatorname{H} A A A A C A G G G G A A G G A A G G G G G A A A G G A G G A G G G G A G G A G A G A G G G G$ GGGAAGAAGGAAGGGAAAGGGAAAGGAAAAAAAAGGCCGGGGGGAAAGAA GAGAAGGGGGGGAGAAGGAGAGAGAGAAAGGGAGAGGGAAGGAAGAAAA AGGGGAAGGGGGGGGGGAACAAAAACCAGAAGGAAGGACGGGGAACCAG G GCCAGAGGAAGGGCGAGGGGGAAAGAACCGGGAGGAGAGGGCCAGAAG AAAGAGGGGAGGAGGAAGGCAAAAAAAGGGGAAAGAGGGAAGAGACCACC CAGCCCACCAAAAAAAAGGAAAGAAAAAGAGGGGGAAGGAAAAAAGAAAG GGAAGTTAAGGAAGGGGGGGGGGGGAAGGAAGGCCAAAAGGAAAAGGGG G G G GAACCGGAAAAGGGGGGCCGGGGAAGGAAGGAAGGGGCCAAAAGGA AGGAAAAAAAACCCCCCCCAAAACCCCGGGGGGAAAAAAAAGGGGAAAAA AGGCCAAGGAACCAGGGGGAAGGGGGGAGAGGGCCAAAACCGGGAAAAAC CCCAGAAAGAAAGGGCCAAACCAGGAAAAGGAAGGGGAAGGGAGGCCGGC AAAGGGGGGGGAAAAGGGGCCGGACGGAAGGAGGGAAGGGGCCGAACAG AGAGCAAAGGGACAAGCCGGAAAACAAGGGAGGAAAGGAGGGGAGACAGG G G G GCCGGAAAAAAAAAGGGGGAGGGGGGGAGGAGGCCAAAAGAAGAGG GGAAAGGACGGAAAGGAGAGGAAGGGAAAAGAAAAGAAGGGGGGGGGGG AAAAGGGGAAAACCGAAAAAGGGGCCGGCCACAGAACCGGGGTTGGGAAG AAAAAAAGGGGGGGACAGCCAAAGGGGAAGAAGGAAAGGGGAGGAGAAAA AA GAA GCCAACAAAAGGAGAGAGGGGGGGGGGGGGGGGGGGGGGAAGGG GGGGGAGAAGGGGGAAAGGGGAGGGAAAGGAGGAAAAGGGAAGGGGGGA AGAGAGGAAAGGAAGAAGGAAGACAGAGCCGGAAGGGGAAAGACAGAGGA AAAAAAAAAAGAGGGGCAGACCCCGGGGAGGGAGGGAAGGAAAACCGGGG GGGGAACCCCGAGGGGAGGGGGAAGGGGCAAGAGGGGGAAGGCCAAAAG GGGCCAAGGAAAAAAGGAAAGGAAGGGAAGGGGAAAAGGGGAAGGAACCG G G GAAAGAAAAAGCCAAAAAGAGGGGAAAAGGAGAGAAAAGGAAAGAGGA

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GAACCGGGGAGGGCCGGGAGGAGGAAGAACCGGGGGGAAGGAAGGCAAG AAA $\operatorname{A}$ CAGGGGGGGGGACCAGAAAGGAAGGAGAGGAAGAAGGACCGGCCG GAGGGGGAAAGAGACGGGGAAAACCGGGGAAAAGGAAGGGGAAAAAGGG AAAACCGGAGGGAACAAGAACCGGGGGGCCAGGGGGCCAGAACCAAGGAA GAAAGAAACCAGAAAGGGCCCCGGCAACCAACAAGGGGAGAGAAAGAACC AAAAGGGGAAAAGGGGCCGGCCGGGGGGACAGGAGGAGGGGGGGGGGGA AAACCATAGGACGCAAAAGGGAGGAAAGGCGAAAGGGCCCCCCAAGGAAG G G G G GCCGGCAAGGGGGGAGGAAGGAAAAAGGGGGAGAAAAAGGAGGCA CCGGGAAAAAGAAGGGGAGAGGGGGGAAGGCCAAGGTTGGGAGGAAGAA AA GAGAAAAAAGGCCAAGGGGAAGGAGAGGGGGGGGAGACCAGAAGGAG GGAAGGCCCCGGAGAAAGCAAAGGCGGAAAAAGGGGAAAGAGAGAAAGGA GGAAGACAGGACCCGGCCCCGGGGAGGGGGAAGGAGAAAAGGGGCCAGG GAAGGACCCGGGAAACAACGACCGGGAAAGGCCGGGGGGAAGGGGGGAA AA G GAAGGGGAAAAAAGGGGGGAACCGGAAGGGGAAGGGGCCAAGGAAA AGGAAAAGGAAAAGGGGGGAAAAGGGGAAGGGGAAAAAAAAAAAAGGGGA AGGAAGGAAGGGGAAGGAACCAAGGAAAAGGAAAAAAAAGGAAGGAAAAG G G G G G A A G GAA G GAAAACCGGAAGGGGGGAAGGAAAAGGGGGGGGAAGG CCAAAAAAGGGGAAGGAAAAGGGGGGAACCAAGGAAAAGGGGAAAAAAAA GGGGCCGGAAAAAAAAAAAAGGAACCAACCAAGGCCGGCCGGTTGGGGAG GGGGAAAAGGAGAGGGGGAAGGGGGGAAGGAAAAAAAAAAAAAAGGAAG G G G A A G GAAAGGGGGGGAAGGAAGGAGAGACCCACGAGGAAGGAAGAGA A G A A G G A A G G G G A A A A A A A A A A A G GGGGAAGAA GCAACGGGGAAGGGGG GCCAA G G G G G G G G G GAA GAGGGAAACAAAAATTAACCAGGGGGGAGGAC G GAAAAAGAAAAGGAAGGAAAAAAAAACGGGACCGGGGGGGGAGAAAACC GAAGGGAGAACCAGCAGGAAGGAAGGAAGGAGAAACAAAAAGCCGGGAAA AAAAAAAAAAGGAAAGAACCAAAAGGGGGGAAAACCAAAAAACCAAGGGG AAAAGAGAGGAAGGAAAGAGAAAAGGCAGGGGAGGGGGGGGGAGGAACG GAAGGGGGAGGGGGGAAGAGGGAAACCAAGGGGGACAGGAAAAAAAAAAA AAAAAAAAGAAGGGAGAAAAAGGGGAAGGAGAGAAAAAAAAGGGGGGAGG ACCCAAAGAAAAACCGGAAGGGAGGAGACGAAAAGGGCCAAGGGGAAGGA AAGGAGGAAAGGAAAGAGGAAGGAAAGGGAAAAGGAAGGGAAAAAAAGAA GCCAAGGAAGGAAAAAGAACCAGGCGGAAGGAAAAAAAAAGGGCAAGAAA AGGGGAAAAAAGGAAAAGGGGAAAGAAAAAGAGAGAGCCACAAGGAACAA G G G A A G G ACAGAAGGAAGAAAGGCAAGAGGAAAAGAGGAGAAAAAAGGGA AGGAGGAGAACGGAAGGAGAGGAGGGGGGGAGAAAGGGGAACAAAGGGG G GAAAAAAGAGGGGAACCGGGGAGAGAAGGGGCGGAGAAGAAAAGGAGA GCCGGCCCGAAGGAAGGGGAAGGAAAAGGAAGAAGGAAACCAGACCCGGA AGGGGATAGAGGAAAAAGGAAGGGGGGCCAAGGGAAGGAAACCAAGGCCA G G G G G AA $\operatorname{GAGAAAGGAACCAAGGGGAAAAGGGGCCGGCCAAAAGGAAAAA~}$ ACCAAAAAAGGAAAAGGAAGGAAAACCGGAAAACCCCGGAAGGAAAACCA ACCGGGGGGGGAAAACCAAAAAAGGAAGGAAGGCCAAGGGGGGGGGGGG AAGGAAAAGGAAAAGGAAGGAAGGAAAAGGGGGGCCAAGGGGAAGGAAAA GGCCGGGGAAAAGGGGGGAAGGAACCAGAAGGCCAAGACCGAGGGGGGG GGGGGAGAAAACCCCCACAAAGGAGGAGAGAGAAAGAGGCAAGAGGGCAC CAAAAAAGGACATAGAAAAACAAGAAGATAAATGGAAGAAAGAAAAAGGG G GAAGAGGAGAGGAGAAAAAGAAAGAACAAAAGGGGAAAACGGGCAAGAG ACGGCACGGGGAGCACAAGAAGAGGAGCGAAAGATGGAAGGAAGGCCGGC CCCACAAAAAAGGAAGAAGAGGGAAGAGGAATTACCCCAGAGGCCGCAAG G GAGGCCAGACAGAGGAGGGAACGGAAAGGACCGGGAGAGGGAACAGTAA
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 AA GAAGACAAGGCCAAAGGGGGAAGGCCGGAACCAGAAAAAGAAGGGGAC GGCAAAGGAGGGAGAGACAGCCAGGGCAGGGAGGGGGGAACAGAGGCCA ATTCCGGGAGGAGAAAAAAAAAGAAGGAATTAAAAGGGGGGGGGACCTTC CGGGGGGGGAAAGAGGAAAGAAAGAGAGACAGGAGGAAAAAAACAGAGGA CAGAGGGCCGGAAAGAGGGACAAGGGGGGAGAGGAAAGGAGAAAAGGAA GAAGAAAAGGAGAAAAAACCCCAAACACAAAGGGGGGGCCGGAAGGGGAA GAAGAAAAAGGAGGAGGAAAGAGAGGAGGGGAAAAAAATAAGCCGGAAGG GGGGGGAAAAGGAACCAAAGAAAGAAAGGGGGCACCGAAACGACAACCGA CCAAAAAGAAAACACAAAGGGGAGAAGAAAGGGAGGAGACAGAAGGGAAA TTAAAAGGGAGGAGCCGGGGGGAAAGGGGGGGAAGGGGGGGAGGAGGGG AAAAAGGAAGGAGGGGACCAAAGGGAAAGGAAGCAAAAAGGGAGAGAGAA GGGAGCCAGAAGGAACCGGCCGAGAAGGAACCCAGGGCAAAGATAAGAAA AGGAAAGAAGGGGAGGGGGGGGGGGGGCAAGAAGAGGCCAAACACAAGG GGGGGGGGAAAAAAGAGGGCAAAAAGGAGGGAAAGAGAAGAGAAAAGAAA GACCAACCAAGGAAGGGGCAAGGGGGAAGAAGAAAAGAAGAAGGGAGGGA GGAGAACCAGGACGAAGGAAAAAGGGGGAACCGAGGGGCCGAAGCAGACC GGAAGAAAAACGCGGGAAAAAGGAGAGAGAAGACAAAGAAAGGAAGAGCC GGGAGAAGGAAGGAGGAAGGAAGGAGGAGGGGAAAAGGGGAGAAAGGAA GGAGGGGAGAAAAGACAGGGGGGAAAGAAAGAAGACCAGGGAGAAAGAAA AACAAAGAGGAGGGGGGGGAAGAGGCCGGAAAAAAGGGGCCAAGGGGAA AAAAAACCAAAAGGGGAAAAAAAAAAGGAAGGAAAAAAGGAAGGAAGGAA GGGGGGAAAAGGAAGGCCGGAAAAGGGGAAGGGGAAGGAAAAAAGGGGG GGGGGGGGGTTAAGGCCCCGGCCAAAAGGCCAAGGAAAAGGGGAAGGGG AAAAGGAAGGGGAAAAGGCCAAAAGGAAAAAAGGAAAAGGGGGGGGAAGG CCGGGGGGGGCCAAGGCCGGAAAAAAAAGGAAAAAAGGAAAAGGGGAAAA GGGGAAAAAAAAGGGGAAAAAAAAAAAAGGAACCCCGGGGGGGGGGGGG GAAAAGGGGAAGGGGGGAACCAAGGGGGGAAGGGGCCGGGGAAGGGGAA GGTTAAAAAAAAAAGGGGGGAAAAAAGGGGGGAACCAAGGGGAAAAAAAA AAAAAAAAAAAAGGGGGGAACCAAAAAAGGAAAAAAGGCCAAAACCAAAA CCAAGGGGAAGGAAGGGGAAAAGGCCAAGGAGGGGAGAAACAACGGACGA GGGGGGGGAAAGGGGGGGAGGAAAAAAAAGACCAGGAAAAGGCGGAAAA AGGGGGGTACGCCAAAGGGAGGGGGACCCCCACGAAGGGAAGAGAGGCCA AAAAAGGAGATGGAGGAAGAGGACAACAGCCAGGAACAGCACGAGGGGGA GGGAAGGGAGGGGAGAGGGAACCCCAGAACAAGAGAGGGAACCCAGGAAG GGAGGCCGAGAAAAACCGGAAGGAACCAACCAACCGGGGAACCAAGGCCA AAAGGGGGGGGGGAAAAAAGGAAGGGGCCAAGGAAAAAAGGCCGGGGAA GGAAAACCGGAAGGGGAAAAGGTTCCGGGGCCCCGGAAGGGGAAAAGGG GGGCCAAAAGGAAGGAAGGCCAAGGAAGGGGAAGGGGGGGGGGAGAAAA AAAAAACCAAGGAAAAAAAAAAGGAAGGAAAAGGGGGGAAAAGGAAGGGG GGGGAAAAAAAAGGGGAAGGGGGGAAAAGGAAAAGGCCAAAAGGGGCCAA AAAAAACCAAGGGGAAAAAAGGGGGGAAAAAAAAGGAAGGAAGGGGGGAA AACCAAGGGGAAGGAACCGGAAGGGGGGAAGGCCAAGGGGAAAACCGGAA GGGGGGAAGGAAAAGGAAAAGGCCAAGGGGGGAAAAGGGGAAAAGGGGG GGGGGAACCGGAAAAAAAAGGTTAAGGGGAAGGGGAAAAGGAAAAAAAGG AGAGAGGAAGGAAAGGAAAGAAGAGGACAAACAAGGAAAGACCGAGAGGA CGAAAGAGAGGCCCACCGGGGAGGGCGAAGGAACCAGAGGGAAACAAGAC CGAGGAAAAAAAAGGGAACAAAAGGGAAACGAAAAGGAAGACCAAGGACG AAGGAAGAAGGAGAAAGGGAGAGGAGGAAAAAAGGACGAGAAGGAAAGAG AA $\operatorname{AAACCGGGGGGGAGGGAGGCAAAGGACCCAGGAAAGGGAAAGGAACCC}$

AAAACGGGGCCGGGAGGAGAAGGAAGGAGGAGGGGAGCCACAAGGGGGA AA $\operatorname{la} A \operatorname{A} \operatorname{GAGAAGGCCAAGGGAGACCGGAGCCGAGGACAACCAAGGGGGGGG}$ A GAAAAGGAGAAGAGAAGGACAGAAAGGGGAAGGAGAGAAGGAGAGGAG G G G A ACCGAAAAAAGGAGGAGAGGGAAAAGGGGAAGAAAAGGAGAGAAGG G G G G GCAAAGGGAAAAGAGGGAGAAGAAGGGAAGGGAAGGGAGGGGGGG A G A G GAAA $A$ AAAGGACGGGGAAAAAAGGAAAAGGGGGAAAAGGGCCGGG GAAGAACGGAGAAGAAGCCAAAAGGAAGGAAGGAAAAGGGGAAGAAAGAG AAAAGGGGGGGGGAAGGAACCGGGGCAAAGGGATAAGAGAGAAGGGAGG GGGGACCAAAGGAGAGCCGAGAACAGAAGGAAGGAAAAAGGGCCAAAAAG A G G A G A G G G GAAACAGGAAGGAAGAGGGAGAGAAGAGGCCAAAGAGGGG GCAAAGAGGGAAAGGAGGGGAAAAAAGGGCCGGCCGAGGAGAAAGAAGG GAAACCGACGGAGGGGGCGAAAAGAAAGAAGGTTAGAGCCAACAACGGAG AAAAGGAAGGGGGGGGGGAAAACCGGGGAAAAGGAACCAAGGAAGGAAGA AGGGCAAGAGAAAGAGGGAGAAGAATAGAAGAAAGAAATAAGGGGGGGAA GGGAAGCCGGGGAGAGAGGGAAGGGGGACAGAAGAGAAGGATACAAAGG GACGAGGCCGGGGAAGGAGAAGGAGAAAAAAGAGAAAGGAAAAGGAAGGC CAAGGAAAAGGAGAGTTGAAACCAAGGAAGGGGGGGGGAGAGGAGGGAA AAAAGACCGGAGACGGGGAAGACCAGGGAAAAAAAGAGGAGGGAACGGAA G G A ACAGAAGAGAAAAAAAAAAGGGGGAAGAGAGAAAAAAAGGGAGGGGG GGGGAACGGGAAGGCAAATTCAAGAGGGGGCCGGAAAAAACAGAGAGGGG G G G G A G G GAACCAAAAGAGCAAGGGAAAGGGGAAAAACGAGGGAACGGAA G G G A A G A GAGGGGGAGAAGAGGAAAGAGGAAAAAGGAAAAACCCAGAAAA GGGAAGCAAAGGAACCAATTGGGGGGAAAAAAGAGGCCGGGGACGAGAAA GAAGGGCAAAAAAAGGAGAGGGAAAGGGGGGGAAGGAGGCAGAGAAAAG ACCGGAAAAGGAAGGGAAAAAGAGGAGAGAGGAGGAGCACCACGAGGGGG GAAAAGGGGGGAAAAAGGGGGAGGGAAAGCCAGGAGAGGAAAGGGGGAG GAGAATGGGGAGAGGGAAAGCCGAGAAAAAAAAAGAAGGGAAAAAAAAAA AACCAAAAGGGAAAGGGGGGAAGGGAGGAAAAGGGAGGAGAAACAAGGGA AAAGGGAAAGGGGGAGGAGGGGGAGAGGGAGAACGGGGGAGGAGGGAAG AGAAACGGAAGGAAGACGAGAGAAAAAGGAAGGAAAAAGAAAAAAAAGGC CCAGGGGGCCCGGAGACGGAGGGGCAAGGGAGGCCAAGGCACCGAAGAAA A G G G G G G A G ACGGAGGAAGAAAAGAGGGGCCAAGGGGAAAGAAAGAAGG A G GAAA G GAGAGGGGAGGCAGGAGAACAGGGGAAAGGGGGGGAGAGGGA GGGGAAGAAGGAAAGAAGAAACCAAAAAAGGAAAGAGAAGGGAGGAAAGC CCAGACAAGAGAGAGCCAAAGGAGAAACACAAAGGGGAAAGCACACCAGA GAAGGAAAAAAGGAAAAGGGGAAAGGAGGGAACGAGAGAAGAGGGAAGG G GAAAAGGAAAGAGAGAAAAACAGAGCGAAGAGGAGAGAGAAGGCAGGAG GACCGAAAGGAAAAGGCAAGGGAAGGGGGGAGGAAGAAGGGGAAAGGAG G G G A G A A A G G A G GAA GACCTAGAACAAACGAAGAAGGCCAAAGGGAGAGG GAGGGCCGGGGAGAAAGAGAGCCGAAAGAGGGAAAACAAGGGGGGGGGG GCGGAGAGGGAAGGAGAAGGGAAAGGGGCCAAAAAACAAAGGAAGGGGCC AA G G G GCGAAGGAGCAGAAGGGAAGAAAGAGAAGGGAGGAAGGAAGGAC CAGGGAAGGGGGAAAGGCCAAAACCACGAGAGAAGGGAGAGAAGGGGAAA AAGAAAAAAGGGAGGAACAAAACAAGGAAAGGAAGAGGGACCCAAAAAAG GGGAAGAAAACACAAGGGGAGAAAGGAAAAGGGAGGACAGAGGAGGGGG AGAAAGGAGGAACCGGAAAGGAACGGGGGGGGGGAAGGGGAAGGGGAAC
 A G A A G G G GAGGGGAAAAAGGGGGGAGGGAAGGAAAGGGAATAAGAGAAA ACCCCGGAAGACAACGACCGGGGAAAGGAAAGAAGAAAGAAGGAGAACAG AAAGGAGTTATAGCGGGGGCCGGGGAAGGCCGAAAAAACAGACAGGAGGG ACCAAGGAAGGGGCAGGAAAACCAAAACCGGAAAAAAAACCGGACGAAAG GAAAAAGACGGGAGGCAGGGAACGACCGAAGAAGAAGAGGGAAAAGGTTG GAACCAAAGAAAAAAAGAAAAAAGGAAAGGAAACCAAGGAAGGAAGGGGG GGAGGGACAGAACAAAAAAGAAGAGGGAGGAAAAAGAGAAAGACAGAAGC CAAGAAGGAGAGAACGGAAGGGGGGCCAGGGAAAAAAATGGAGCCAAAGG GCAAAAACCGGCAGGGAAGCAGAAAGAGAAGCAGAAAAAGAGGGGAGAGA CAGGGATTAGAAAAAGGCCGGAAAGGGAGCATTGACCGGAAGGAGAGAGC AAAGAGGTAGGAACCGGAACCAAGGCCAAAAAAAAGGCCAAGGGGAAGGA ACCAAAAGGAAGGAAGAAGGAGGAGAAGGGAGGGGAAAAGAACAGGAGAA GGGCCGGGGAAGGGGAACAGAAAGGAAAGAGCCCCAGGAGGAAGGAACCA GAAAAGAACGCGAAAAAGGAAAAAAAAAAAAAAGAAAAAAAAAAAGGGGG

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 G GAAAGCCAAAACGAAAAACGAGACCAGGGGGGAGACCGAGAGAACACGG AACCAAGGGAAGGGCGAAAAAAGGAAAAGGGGGGGCGGAAAAGGAAGGAA AAAAGCAAAAGGGGGGCAGGAAAAAAGGGAGAGAGGGGAAAAGGCAAAAG AGAAAAGACAGAGAGAAAGGAAAAAAAAGGGAGAAAAAGGGGAGGAGGGG A GAGGAAGCCAAAAAAGGAAGGACAGCCGGGGGGGGGGCCCCGGGGAAG G G GAACCGGAAGGCCAAGGGACCAGGGAAGGGGAAGGAGGGAAGGAAGA AGAAGACCAAGGAACCGGAAGGCCACGGAACCAAGGCAAAGGCCAGCCAA G G GAGGGGCCGGGGAAGGAAGGCCAAGGGGAAAAAAAAAAGGGGGGAAG ACAGGCCGAAAGGAAAAGGAAGGAAAAAGGGGGAGCCAAGGGGCCAAGGA ACAGGAAAACCACAACCCCACAAAAGAGAGGAAGGAGGAGGGGAAAAGGG GCAGGAAAAGGAGGAGCGAAGAGAAAAAGAAGAGGAAAGCAAAGGCAGGA GACAACAGAAAAGAAAAGACGGAAATTGAAGAGGGAAGAAAGGAGAAAGG ACAGGAAAAAAGGAGACAAGAGGAACCGGGGCAAAGGAAAAAGGGAGGAG G GA GACAAGGAGAGGGGAGACGGGGGGAAGGGGCCAAAAGAGGCCAGCA ACGAACCAAAGGGGCAAAGGGGAAAAAAGGAAGGCCGGGGGGAAAAGGAA G G G A G G G G A A G G G G G G A A A A G G G G G G A A A A G G G G A A A A G G A A G G G G G GC
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AA $\operatorname{A}$ GAAGGGGAAGGAAGGGGGGGGGGAAGGGGAAAAAAGGAAGGAAGGA AAAGGAAGGGGGGGGGGGGCCGGAACCGGAAAAAAGGAAAAAAAAGGAAA AAAGGAACCCCAAAATTCCGGCCGGGGAAAAAACCGGGGGGAAGGGGGGA AAAGGGGGGGGCCAAAAAAGGAAAAAAAAAAAAGGCCAAAAAAAAGGAAA AAAAAGGGGGGGGAAGGAAAAGGCCAATTAAAAAAAACCAAAAGGGGGGA AGGAAAAAAAACCAACCGGAACCGGAAGGCCGGAAAAAAAAAAAAGGAAA AAAAAAAAAAAAAAAAAAGAGAAAAAAGGCAAGGAAAGGACAAGGAGCCA CAGGAAAGGAGGCAAGGGGAAGGAGAGGAGGAGCGCCGGGAAAAAGGGG G G G G GAGGAAAAAGACAAAAGGGGAACCAAGGGGAAGGGGCCGAGGAAG GAATACCGGAGGGAAAAGGGGAAGAGGGGAAGAGGCCAGGGAAGAAAACG GCAAAGGAGAAGAGGGGAGAATTCCGAAGAAGGGAATGGGGGGAACCACA GAAGAAAAAGGAAAGGGAAGGAGGAAGCAAAGAAAGGGGCCAAGGGGCCA AAACAAAAAGGGGAAGGCCAGAAAGACGGGCGGGGCAGGAAAAAACCAAA GAAAAGAGAGGAACCGGCCAGCCCACCCCACGGAAGGCCAAGGGGGGGGA AAACCCCAAAAGGGGGGCCAAAAAAGGGGAAGGAACCAAGGGGTTGGGGG GAAAAAGGGGGAGAAGGCCGGAAAAAGGGGAGGCAGGGGGGAGACAGCC GGGAGAAAAGGAGGGGAGAATTGGGAGAGGAAGGAGGGCCAAAGGAGGC CAGAGAGGGAGGGGGCCCCAAGGAAGGAAGGCCGGCCGGAGACAGAACAG GGAAAAAGGGAGAACGAAGAAAAGGGGCCAGAGGGGGGGGGGGGGAAGG AAGGAAGCAGGGCAAAGGGGCCAGAAAAGGCAAAAGAAGAGAGGGGGGG GAAGGAAGGAAGGAAGGGGGGAGCCAGGGAGCCACGGACACGGAGGGAC G GAGCAAGAAAACCAAGAAAAGCGAAGGCCAAAAAAGAAGGGAAAAGGGG G GCCGGGGCCAGAAAGAGGAGGCCGGGGAAAACCAAGGACACAACAAAGG AA $\operatorname{HAA} A \operatorname{ACGGGGGGAAAACCGGAAGGGGGAGAAACCGGAAGAAAAGGGG}$ GAAACGGGAAAAAAACAGGGGGGGGAAGGGGACAAAGGGGGAAAAGGAG G G AA G GAACCGGGGAAAAAAAAAGGGAGAAGGAACCGGAGACGGGGAAGG G GAAAAGGGGGGAAAGGGAGGGGGGGAGAGAGCCGACCGGGGGGGGGGA GAGAGAGAAAAGGGGGAAGGAAAAAAGAGGGCACCAAAAGGCGGAGAAAC CAAGAGAAGCCGGGGAAGGAACGGGAAGAAAGGAGACAGAAGGAGAAAGG GAGGGCCGGAGAAGGGGGGAGGAAGAGGGAAGGGGGAGAAGGAAGGAAA CCAACCGAAACCGGAGAAGGAAAAGGGAAGAAGAGAGGAACAAGATGAAG G G G G G G A A A G G G ACACGGGGGGAAAGAGAGAGCAAAAGGGGGGGGGGGA G G G G G CAA G G ACCAAGGGAGACCAGGACCAGAAAAAAGGGGAGAGGACCA AAGAAGGACAAAAAAGGGAAAAGCAAAAAAAAGAGGGGGTTAGGGGGCAA G GAAAAAAAGGGGAAACGAGAAGAAAGGAAAGGCAGGGGGGAAGGGGAAA GCCCCAGGGCAAACCAAAAGAAAAGCCGGAAGAACAAGCAGGACAGGCAT TAAAGCCAAGGACGGAGAGAAAAAGGGAGGGGAAGGGACAGCAAGGGGAA AAAGGAAAAAAAAAGGGCCGGGAGGAAAGAGAGGGGAAACCGGGGGAGG G G G G GAA G G G G G GAAGGAGAAAAAGAAACCAAAAGGGGAAAGCAGAAGAA G G G GAAAAGGAGAACAGGGGGGGAAAGAGAGAGGAGAGTTAAGGAAAAG GAAGGAAGGAAGGAGGAAGAAGAAGGGAAAAAGAAAACGACAGAAAAAAG AAAACAAAGGAAAAAAAAAGGAAAAGAAAAAGGAAAGGGAAAAGAAGAGG GAAAAGGGGCCAGGGGACAGAAAGGGGAGAAGGGGGAAAGGGGCAGGCA GGAACATTTTGGAACCAACCAAAGACGGAGAAGGCCGGGGGACCAAAAGG AGAGGGACGGAACCGACCAAAAGGGGGGAAAAAACACAAGGGCCAAGGCC GGGGAAAAAAAGACCAGGGGGGAGGATAAAGGCCGAAGGGGAGAAGGGA AAACCGGGGACAAGGAAAAAAGGGGGAAGAGAGCAAAAAGGAAGGGGGGA AGGAAAAGGGACCCCAAAGGGAAAACCGGCCCAGGAAGGAAAAAAAAAAA AGGAAAGAGGGAAGGAAGGCGAAAACCCCAAGGAGGAGGAAAGAAAAGAG G G ACCGAAGGGGAGGGGGGGGAGGGAAAAAGACAGGGGGGGGAGGGAAG AACACAAAAAAAGGCAGAAAGAAAAAATGGGGAAAAGGGGGAAGACAAGA GACAGGCCGGCCGGGGACAAACAACAAAAAAAGGAAAGGGAAGGAGGAGG AGGGAATTGGACCACAAAAGACGAAAAAAGGGTTGGACAGGAAAGAGAAA GG GATTCCGGAAAAGGAAGGAAAGGGCCAAGGCCCCAACCGGGGAGAAAA GGGGCCAAAGAAGGAGAAAAAACCAGCCGGAAGAGAAAGGAAAAAAATAA AGGGCAAGCCAACAAAGGCCAAAGGAAGGGAAGGCCGGATGAAGAAGAAG CCGGGGGGGGGGGAGGGGACGAAAGAGGAAAAAAAGGGGAAAAAAAAAAA GAAAAAGGGGAGAAGGGAGGCAGACCGGCAGGAGGGAGAGGGACGAAGT ACAGGCCAAGGGAAGAAGAAAACAGAAAAAACAAGAGAGGGAGGGCGAGA GACCCAAAGAAAGACCCAAAGAGCAAAAAAAGAGGAAGGAAAAGGAAAGA ACAGAGGGAAAAGAAAAAGATAGGGAAAAGGAGAAGGGGGAGAAGGAGGA

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 GAA $\operatorname{G}$ GAAGGGGGGGGAAGGAACCGGCCAAGGGGAAGGTTGGGGAAAAAA GGAAGGGGGGCCAAGGGGAAAAAACCAAGGCCGGAAGGAAAAAAAAGGAA CCCCAAAAAAAAGGGGCCGGCCAATTAAAAGGAAAAGGAAAAGGGGGGAA GGAAAAAACCGGAGGAGCACAAAAAGAAAAACAACCAAGGAAGGGAAGCC CAGAAAGGGACCGAAGACAAGGGGGGAGGGAGAAGGAAGAGGAAGGGGG AGGAAGGGGAAAGGGGGCCAAGGGGCAAGAACCGGAAAAGGAAAAGGGG GAAAGGCCACGGAAGGCCAAGACCAAGGGGGGGGGGGGAGAAAACCGGCC CAAGGGGGGAAAAAGAGAGAGGAAAGGGGGCCCCAAGAGAAGACTTGGCA CACCCAAAAGATAAATAAGGAAAAAAGAAAGAGGGAAAGGAAAAGGGGAA GAGGAAAAAAAAAAAGAGGAAACCGGCCAAAAAAGGCCACGGGGGGAAAA G G GA G G G G G G G G G G G G A T GAGGGGCCGGCAGGCCCCCCGGCCGGGGAAA AA G G G G GCAGAGGAATTCCAAAAAAGGCCGCAAAGAAGGCCAACCGGGGA A G G GACCAGAAGGAACCGGAAAAAGAAAAGGAAAAAAAAGGGGGAGAGGA A G GAAAACAAGGGCAGGGAGAAGAAAAAAGGAAGGGGGGGGGGAAAAGG AA G GAA G GCCGGGAAAGGAAAAGGGGGGAAGGCCGGAATTGGACGGAGG CGGCAGAACAACCAAGAGACAAGGGAAAAGGGGAGAAGGAAAAGGGGGAT TAAGGAGGGAAGGAAGGGGGGAAGGGAGGGAAGAAAAGGAAGGAAAAAG AA $\operatorname{l}$ GGGAGACAAGGGGGCAGAAGGGGAAAAAGGGGGAGAAAAGAGGAAA ACCGAGGAGAGAAAGGAAAGGAAAAGAAGATAGGAAGGAACCGGGCCCCG A G G A G G G G GAGGGGAGGAAAAGGGGGGGGAAAAGGAGGGGGAAAAAAGG AGAGGGGAGAAAAGAAGAGGAGGAAGGGGGAAAAAAAAGAAGCCAAGGCC G G G GAGGAGGAAAAAGAAGGGACCAAAAGGAACCGACCAACAGAGAAGAA ATAGTTGAAAGAAAGGAAAAGGAAGGCGAAGGCATTAAAAAAGGAGGGGG G G G GCCGGGGGGAAAAGGAAAGGGGGGGAAAAAACCAAGGGGAAAACCCA AGAGAAAAAACCAAGGGGGGCCGGCCGAGAAAGGCCAAAGCAACGGGGAA AAAGAACCAGAAGAAAAAGGGCGAGGAAGAAGAGAGGAAGAGAGAGAAGG GAGACACAGGAGGGAAAAAAGGGGGGAACCAGAAAAGGAAAAGGGGAAGG AAAAGGGGGGGGGGAAGAGGAAGGAGCAAGCAAAGGAAGAAAGGGGCCA AGGGAAGGGCCCCAAAAAAAAAAAAGGGGCAGAGGGGCCCAGGGGAAAGG AGGAACCAACCCCAAGCAGAAGGAAAAGAAGAAGACCGGGGGGAACCAAG AGGCAAAGAGGGGAAATGAAAAGGAAGGAGAAGGAAGAGGGAAAAGAACG AAAAGAGAGGGGGGGAGGGAGGGGGAAAAAAAAGGAGAAAAGGAACAGG GGAAAAGGGGAAGAATAGAGCCAGGAAAACAACCACAGAACCCCAAAAAA AACCAAGAAGAAAGGGAAGGCCAGAACAGGGGAAAAAAAGGGAGGGGAAG AGAAGGAACCGAAATTCGGGAGAAGAGGGAAAAGAACCAAAAGGGGGGAA AAGAAAGGAAGGAAAAGGAAGGCCAAAGAGAGAAGAAGCCAAAAAAGGGG ACCCAGGGGGAAAACCAGGGAGGGTAGAAAAAAAACGAGGGGGGCCGGGG AAAAGGGAAGCACAGAGGAAGGAAAGGAAGGGGGAGGGAAAAAAAAAACC

C CA $\operatorname{l}$ GGGGGGGGAAGGGGGGAAAAAAGGAAGGAAGGGGAAAAAAACAAG AA $\operatorname{l}$ GGGAAGGGGAGGGGAAGGAAAACCAGGGAACCTTGGAAAAAAGAGGC CAA G GAGAAAGGGAAGGGGGGAACCAGGGGGAAATAAAGGGGGGGGGGG C G GAAA $A$ AGGAGGGAGGAACAGGGGGGGCAAAGGAGGGGAGGAAGGAGG A G GAGGGGACACCAAGGGGGAAGGGAGAGAGAAGAAAGGAACCGAGGCCT TGGGGGGAGAGAAGGGGAAAAAGAAGGAAGGAAAAAAAGCCAAAAAAAGA
 G G A A G G G G CC G G G G A A G G G G G G G G GAA GCCAGGGGACCGGAAAAAAGGA AAAGGAAGGGGAAAATTAAGGGGGGCCAAGGGGGGGGAAAAGGGGAGGG AACCAAAAAGAAAAGGAGCCAAGGAAAAAACCAACCGGGAAGAAGGCATT AGCAATGGCCAACCAGAGGGAAAAGGAAGGAAAAAGCAAAAAGAGGGAAG GGAAGGAAGGGAGGGGGGGGCCGGAACCGGCCAAGGAAAGCAAGAAGAA AGGGGAAGGGGAAGGGGAGAAGGGGAAGGGGAAAACCGGAAAATTAGGG AAGAGGAGGGAGAAGGAAGGAAGGGGAGAGAGGGACAAAGAGGGAGGAA GAAAAAGCCCGGGGAAAAAGAGGGGGGGGGGGCGGAAAGGGGACCGCCC GGAAAAAAAACCCACAAGAGAGCCAAAAAACCAAGGGAGAGAAAGGAGGG GGAAGGGGAAGGGGCCAAGGAAAAAAGGGAGGGGAAAAATGGGAGAAAA GAAGAGAAAAGAAGGGGGAGGAGAAATAAAAGGGGGGAAAAGGGAACCAA GAAGGAAAAAACCACAACCGGAAGGAAAAGGGGGAAGGGGGCAGGCCAAC C GA $\operatorname{l}$ AGAAAAAAGAGGGGGGGGGCCAAGGCACCGGGAGGGAAAGACCCCG GACGGAGGGGAAACCGAAACCGGAGGGGGGAAGAGGAGGGGGGAAAAAA AAAAAAGGAAAACAAAAAGGGACCGGGGGGTTGGAAGAGACGCCCAAGCA GAGAGGAAACGAAAGGAGAAGGAAAGGAGGAAGAAAAGGGGGGAGGAAAA AGAAAAGGAAAAAGGAGAAGAAGGAAGAAGAAGGAAAGCCGGGGCAAACA GATAAAAAAAAGAAAGAGGCGGGGGGAACCGACAGGAAGAAGGATTTAAA GGGGAGAACAGAGGCCAGGGAAGGGGAGAAGGGGAAAGAGCCAAGACACC GGGGCCAAAAGAAAAAAAGGAAGGAAGACAGGCAAGGAAAGAGACCCAAG GAGAACAGGGAAGGCCCCAAGGGAGGGGGAGGGGGAGAGGAAAAAAAAAC G G G GAA G G G GAGGAAGCCACGGGAAGCCGGTTGAGAGAGGAAAGGGAAC CGGGGGGAACCGGAAAAAAGGGGAGGAAGGAGAAGGCACAGGGAACCGAA AAACCCCGGGACCTAAGGGAAGGAAAAAAAAAAGGGATTAAAAGGGGGGG GAAAGGGAGACGGGAGGAAAAGGAAAGAAGGCCGGGGGGAAAGGAGGGG GAAGGGGGAAGGAAGAGAACAGACGAGAAGGGAGAAAATTAACCAGAAAA CCGGAAGGGGCCAAAGGAAACCAAAGAAAGGAAACAGAGAGATTGGGGGG AA G GACGGAAGGAAAGGGGAACGGGAAAAAGGAGCCGGGAAGGGGGGGC CCAAAGGGAGAAGGGAAGGGGAACGGGCCAGAAAGGAGAGGGGGGAAGG GACAGAGGGAAACCAAGGGGAAAGAAAAGGAAGGAACCGGAAGAGGAAGA CAGAGGGGAAGAAAACAACCGGCAAAGGAAAGGGAAGGGAGAGGAAGGGG GGACGGGAGGGGAAGGCCAGGGGGCCAAGGGGGGCCAAGGGGAGAAAGG GAGAGAAGGAAGAAGAGAAAAGGGAGGACAAACAGAGGAGGAGGGAGAAA A GAA G GAAGGGGAAAGGAAAAGGGGGGAAGGAGAGCCAGGAAAGGGGAG G GCCGGGGGGAGAGACGGCCGGGAGGAAACGATTAAGAACAAAGGAGGG AAAAGACAGGGGGAGGGGGCCAAAGAAAAGGGGAAGGAAGGAAAAAAAGA AACAGAGACGGGAGGAGGAGAAAGGCCGGAAGAGAAAGGAGGAGGGGGC GAGAAAAAGGGGGGCCAAGGAAAGAGGGAGAGGGAGGGGGAGCCGGAAG GGAGGAGAGAAAAGACCGACAAGGGGGGGGGCCAGAAGGAGGAAAAGAT GGAGAACCAAGGAGAGAAAACCGGAGAGCCCCAAACGACAAAAGGGAACA AGAGAGGGGGAAACTTCAAAACACGGGGGACGAACAGGCCGGGAGAGGAG AGGACAGAAAAAGGAACCAAGGAAGAAGGAAAAGAAGAACCCAAGAGGGG GCAGCCAAAGAAAAAAAGAAGAGAAGGAAACCAGCCAAGACCGGGGGGAG AACCAAAACCGGGGGAAGGAAGGAAGGGGGGGAACCAACAGGAGAAGAAG GAAAGAAGAAAGCAAAAGGGCCGGCACCAAAGAGGGGGGGAAAGGAAGGG AGAACCGACCGGAAAAGGAAGGGGAAGGGGCCAGTTGAGAAAGGAGGGAA GAGGCAGAGGAAGGGGAGAGAACCAAGGAAGGGAAAAGAAAAGGAACCAG GACCAAGGAAAGGGGGGGAAAGGAGGAGGAAAAGAACAAAAAAGCCGGAA AA $\operatorname{G}$ GAAAAAAGAGGACCCGGGGGGAGAGGAAAAGAGAAAGGAACAAGAAG GAAGGAAGCCAGGGGGAAGACCAGAACCGGGGCCACGGAGGAGAGAGACG A G A A G G A G G G G G A A G G G G A G A G G G G G G G A G G G G G G G G A A G G G G G G G G A A AGGCCGACAAGAAAAAAGGGGAGAAAAAAGGAAGGAAGGAGAAGGGGACG GAAAACACAAGAAGAAAGGAAAAAAGAGGAGAGCAAAAAGGCCAGTTTTC CGGGAACAGAGGAGGAGGGGGAATTGGGGGGGGAGGGAAGGGGAGGAGG

AA $\operatorname{A}$ GGGCCGGGAGAGGAAAAAAGGGGGGGAGGAAAGAGAAGGGGGGAGC GGGAAAAGGCCGAAGAAAGGGAAAAGAAGAAGAGAAAAAGGGGAAAAAGG GGGGGAGAAAAAAGGGGAAGGAACCAAAAGGAGGGGAGGAGAAGGCCAA G G G GAGCAAGAGAAAGGGGGGAAGGAAAGAAGAAGGAAGGCAAAGAAAAA AAAGAAGGGGGGGACCACAGAGGAAAGGGAAGACCCGGGGCAGGGAGAAA GGGGCCCAGAAGAAAGCAAAGAGAAAAAGGAAGGAAAAGGGGACGGAAGG G G G G G G G GAACCGGAAGGGGAACCAGGAGGGGGGGGCCCCAGAAAAGAA GAAAAGAGGAACCAAGGCCCCGGAAACAAGAAAAGCAGGGAGAGAGGAAA GGGAAGGGGAAGGAACAGGAAGGCCGGAAAAGGGGGAAGGGAAGAAGGG CAAGCCGGAGAGGGGACCCCGAGAGGAGAGGAGGAAGACCGGCCGGCCG GATGAAAGAAAACGGGAAAGACAGGAAGGGGCCATAGAGGGAGGAGGGGA GGGAAAGCCGAGGACGGAAGAGATTAAAAAAGGAAGGAAAGAGGAAAAAA AAAGGAAGAGAGAAGAAACCCCCAAGACCAAAAGAAGAAAAGGAAAAAAA AGGAACCGGAGAAAAGGGGAAAAAAGAAAAAGAGGAGACCCAAGGCGAGG GGAAAGAGGAGAAAGGGAACCGGAACACAGGGGAGACAAAGAAAGCAGAA CAAGAGGGGGGAAGGGGAAGAGGGAGACAGGAAGGAAGAGAAAGGAAAA AGGAACAAAAAGAAGGAAAAAAAAGGAAAAAAAACCGGAACCGGGGGAAA AGAAAACCAAAAGGAGACGGACAAGGGGAAAAAAAAGGGAGAAAGAGAGG G GAA G GAACCACGGGGGGGATTAAGGGGCCAAAAGAAACCAGGGGAAAGG G G G GAGGGAGAACCGGGGCCCAAAGAGAAGGAGGGGAAGAAAAGGAGGG GCAGGGGGGAAGGGGGGGGCCGGAAAGACGGAAAAGGTTGGCCACCAAA AACCAAAAAAAGGGAAGAAAAAGGGGAAGGAAGGGGAACCGGGGAGGGAG A GCCAAAGGAAAGCGAGAGGGGGGGGCCGGGGGGCCCCGGGGAAGGGGG GAAAAAAAAAAAAAAGGGGGAAAGGAGAGAGGAAGGAGGAGGGAAAAGGG AA GAGAAAACCAAAAAGAGGGAGCAAAGAGGAAAGGGAAGGGGGAGGAAG GGAAGAAGGAAAAAGGAAAGGGAGGGGAAAGGGACAGGGAAAAGGAAAAA GAGGAAAAAACGGGGGAAAGGAGAACCAAAAGGGGGGATGGGGAACCAAA AAAAAAGGGCGCAAAGGAAGGCAAGAGAAGGGAAGAAGGAGACGAGGGGA ACATTAGAAGGAAGAAGGACAGGCAAAAAGAGGAAAGGGAGAACCAAAAA AAAGGCCAACGCCGAGGGGAAGAAACCGGGGGGGGGGAAAAGGAAAAAAA AGGGGAGGACCGGAAAGAGAGGGAGGAAGAAAGAAACAGAAAGAAGGAAG GAGAAAGGAAATTAAAAGGAGGAAGAAAGGAGAGGAAAAAAAAAGGGGAG ATTACCCAGAGAGGACCCAGGGAAGAAAAAGGGAACACAAACCAAGGGAA AAAGAAAGGAGAAAGAACAGAGGCCAGGAAAGGAAGGGAGGAGGAAGAGG GAGGAAAGGAAGGGGGGAGGACCCAACGACAGGAAAGGGAAGGAAGGAA GGGAAGAAGAGGAGGGGGAGCCGAGAGGACAGGAGGGGGGGGGGCAGAA ACCGAAGGGGAAGACAAGAGAAGCCGGAAAAAAAGGAGAACAGTAAAGGA AAAAAAACAAGAGGAAGGAAAACAGGAGAAACAAACCAAACATAGAGAAA GAAGGAACCAAGGAAGGGAGGAGAAAGGACAGGGACCAAGGGGCCAAAAA AAAGGGGCCAAAAGGAAAAAAAAAAGGAAGGAAAAAAGGGGGGCCGGAGA A G G G GAACCAAGGGAGGAGAAAAGAAAAAGAGGAAAAGGGACAAAAAAAG G GAACGGAAGAGAAAAAACGGGAAAAAGGGAGGGGAGGGAAACAGACAAA AAGGGGGCAGGAGAAAGGAAAGAAAGGGAAGAGAGAAAAGGAGGACCAGG AA G G GAAAGAAAGCAAAGGAGGAAAGAGGAGGGAGAAGGGGAGTAGACCG GCCAGGACGGGATAGGGAAAAGAGGAGGGAGGAAGAAAGGAGGGGGGAG ACAGAGGGAGAGGGGGAGGGAGCACCGGAAAAGGGAGGGGAAAAAAGGC AAAGAGAAAAAGAGACCCAAAAAGAAAGAGGAGGGAGAGGGGGAAGGGCA GCGGGGGAAGGGAAAAATAAAGGGGGGGGGAACAGAGAAGGCAGAACAA GAAAGGAAACGACAGGAAAGAGATAAAAGAAAAAAGAAGAAAAAGACAAA AA $\operatorname{GAGGAGAAAGGACAGGAAAAAAAAGAGGGAGGGGGGAAGGGGAAAAG~}$ G G G G G G G G GAACCGGAAACAGAGGAGGAGAGAACGCCCCAAGGAGGAGC CATAGGGAAAGAACAAGGGAGAAGGAGGATACGGGGAACCAATAAGGGGG G G A G G G AAAAAAGGGGGGAAGGAGGGAGGACCCCGGAGGGGGAAGGAAA CAGAGAGGGGGAAAAGGCACCGGAAGAGAAGAGGGCCGAAGAGAAAAGAG GACCCAGAGAAGGAAAAGGGGGAGAGGAAAAGGAAAAGGGAGAAGGAGG GACCAAAAGGAAAAGGAGAGAGAAAGAGGAAAAAGGAAAAGGGGGGAGCC G G A A A A G G G G G G G G GAGGGGGGGAGGCCAAAGAGCACAAAAACAAGAGG GAAGGGAGGGAGGCCAAAGAGAGGGAACCCCGAGGGGAAGGGGAACCGG GGAAAAGGAAGAGGAGGAAAAAAGAAAAAAAACCGGAGGGCCACAAACGC CCAAGGAAAAGGAAGGAAAAAAGAAAGGAAAGAGGGCCGAGAGGCAAGGG AACCACAGGGAAACAGAGGGGGGAAACCAAACAGGGAAGAAAGGGGAAAA

AAAAAAGAAGTTCAGAAGGGAGGAAGACGAAGGGCCGGAGAGCCAGAGGG GAAGAAAAGGAGGGGGAAGAGGGGGGAAGGACAGCCAAGGAGAGAAGGA AAAAGGGGGAGGAGGAGAGAAAAGGAAAAAGAAGGGAGGGGAAAAGAAAG GAAAAAGGGGGGAAGAGAAAAGCAGGAGAAGAGGGGGAAAACCGGGGGG AAGGAAAGAGACAAGAAGGGGAGAAAGGAGGACCAGCAGGAAACCGGGAA GGAAGGAGAGCCGAGCGAAGGGAAAGGGAAAAGAGGGACCGAAGGGAGG GACAAGGGAACAACCAAGAAACAACGAAAAGGGGGCCAAGGCAGGGAGGC CAAGGAGAAAAGAAAGGAAGGGAAAGGGGGAAAGAAGAAAGAAAGGGAAC CAAGGAGAAAGGGAGGAAGGAGGAGGGAGGGGAGAAAAAAGGACCGGAA AGAGGGGGAAGGCCGGGGCAAAAAAAAGAAAAAAGGAAGAACGGGAGAGG AGCCGAAGAGGGAAGGAGGGAAGAAAAGAGGGCATTAGACCCGGCCGAAA G G G G G A A A G G A G G G G GAGGGAGGACCGGGGAGGAGGAAGGAAAAGGGGA ACAAGAGAAAAAAGGGGGGAAAAGGGAGGAAGGAGAGCCCAAAGGGGAAA CGAAAGGGAGGCCAAAGGAGGAAAAAGGGGGAGGGAAGAAGAGAAGAGG CAACAAAGGGAGAGGAAAGGAGACAAAAGAGAGGTTGGGGGACCAAGGGG GAAGCAGAAGAAGGAAGGAACCAGGAAAAGGGCCAAGGAGGAGAGAAGAA C CAA $\operatorname{l}$ GAGGGGGGGTTAAATGGGGGGGGAAGGGAAGGGGGGGGGGAGGA
 GAAAAGGGAAAAGAGGAAGGGGGAGGGGGGAAAAAAGCAAGGAAAACCCC ACGGGAGGGGGAAAGAAACCAGGGAAACGAGGAGAGAGAAGGAGCCCACC CCAA $\operatorname{CAGGGGGGCCCCACGAGGGGCCAAAACCAAGGAGGACCGGGGGGG}$ G G G G G ACCCGGGACCGGGGGAAGACACGAAATAGGAACCAGAGAAGAAAA GAGAGAAAAACGGGGGACAAGAGAAGGGGAACCGGCCTTGGAAGGAAGGG G GAGGGGAAAGGGACGGGGGGAGAAAAAGAAAAAGGGGAAGGAAAAACA G G G GAA G GAAAAAGGGCCCCAAACAAAAAAAAAGAGGAACGGAGGGGGGG AGAGACCAAGGGGGGGAGAAGAAGAAGAGAAAGAGAGAAAAGAAGGACAA G G G GAA G G G GAAGGCCCCAAAACCAAGGCCGGCCGGAACCAAGGAAGGCC GGAAAAAACCAGAGGAGGCCAAAAGGGGCCGAACACCAGAAAGAGAAAAC AGGAAACCAAGGCCAAAAAAAATTAGGGAGGGAGGAGGGAAGGAAGGAAA CCAAGAGAGAACACCCGAGGGGGGGGGGCCAAAACCAAGGAAAAGGGGGG AAAAGGGGATGGGGGGAAAAAAGGAAAAAAAACCGGAAGAAAAGGGGGAG GGAAAGGACAACGAGGAAAAACGAGAGAGGGGACCCCCAGAAGAGAGGGG CCAAGAGAAACCAAAAGAGGAGGAGGGGGGAAACGGGGGGGGGGGGCCA AA $A$ A GAGGAGGGGCCGAGGAGAGAAGAAGAGAGGAGGGGGGGGCCGGCA A G G G G G A G G G A A G G G G A A A G G G G G GAAA G GAA G GCCCCGGAAGGAGAAG GAGGGCAGGCGAAGACCGGAAGGGAAAGGAAACAAGGGAAGGAAGGAGG GAGACAAGGGAAGGCCGGAAGGAAAAAACCGGCAGAAGCCATAAGAAACC GGGGTAAAAACCGGGGGGAGGAGAAACAAAAGAAAAACAAAACCGGGGAA AACCGAAAAGGAGGAAAGGGAAGGGGAAAAAGGGGAGAGGGGGGGGAAA AAAGGTTAGGGAGAAGGCCGGGGAAAAGGAAGGAAGCGAGAAGAACCGAG GAAAGCCACAACCAGAGAAGAAAGGAAGAAAGGATCCGACCCCGAAGCGA GCCCCAGGAGGAACCAGCAAAGGAAGGAAAGGGAGGAGGAGGGCCAGAGA G G G G G G G G GAGAGGAGGAACCAAAAGGAAGGAAGGAGAAAAACGAAAAGC G G G G G GA GACCGAGGCCTTGGAAAACCGGAAAAGGAAAAGGAAAAGGAAG GAAAAGGCCGGGGGGAAAAAAGGAAGGAAAAAGACGGAGAGGGAGGAGAA CACGAAGAACCGGCAGGAAAGGAGGGGCCAAAACAAAGGGGGAGGAAACG G GAAGGGAAGGCCGGAAAAAAGAGGCCAAGGGGCCCAGGGGGGAAAGCCA GGGGGGAAGGGCCAAAAAAGGAAGAGAAAGGAAAAAGAAGGGGAAGAGG G G G G G G G G G G G G G A G G A A G G G G A A G G G GAACCGGAGAGAAAAGGGAGGA AAAAAAAGGAGGGGAAGGAAGAGGGCCAAAAACGACAAGAAAAGGAAAAA AGGGGGGAAGGAAGGAGCCAAGGAGCCGAACCCAAACAGACGGACGAAAG AGGAAGGAAGGAAGGAAGGAAAAAAAAGGAGAGAGACAATTGGGACCAGG G G G GACCGGGAAGGGGAGGCAGGCCCCCCCAGGGGCCCCCCGGACAAAAA GCCGGAAGGGGGGAAAAAAGGGGAAGGGGGAAGAAGGAGAAAAGGAGAA AACCAAAAGGGGGGGGAAGGGGAAAAGGGGAAAAAAGGGGGGGGAAGGA AAAAAAAAAGGGGAGAAGGCCGGAAGGCCCACCAAGGGGTAAAGAAGAGA AGGAAGGGGAAGGGAAGACAGACCAGGGGAAGGGGGGAAAAGGGGAAAA AAAGAACCAGGAGAGGGATAGGAGGAGCGGAAGGAGGAGGAAGGAAAAAA GAAGGAAAAAGAAGGAAAAGAGGGTTCCGGAAAAAAGAAGCCAAAAAAAC GAAAGGAAGAGAAAGGCCGGAACCGGCCAAAAAAAAGAAGGGGAAAGGAA CCAAAACCGGAAGGAAGGTTAGAGAAAAAAGGAACCGGAGGGGGAACAGA

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 CCGGCAGGGGGAAGGGAGCAGGAGAACAGGATAAGGCAAGGAAAAAGGAG GAGGGAAAGGGGAAAACCAGAAGGAAGGAGAAGGACAGGGGGGGGGCCA GAGGGGGAGGGGGAGGGAAAGGGAAAAAAAACCAAAAAAGGGGGGTAAA GGGGAAAGAGCCAGGAGAGGGAGAGAAAGGAGGGAAGAGGACAAGGGGG G G G GAGAGAAGAACCAAGGGAACAAGGCCACGGAAGGAGAGCAGGAAAAA GAGAGGGGGGGAGAGAAGGAAGGGACCGGAGGAGGAAGGTAGAGGGGAG GACCGGGGAAGAGAGGAGGGAAGGAAAAAAAAGGGGGGGGGGAAAGACA AAAGAAAGGAAGGCCGGCCAAAAAGGAAGAAAGCAAAGAAGAGAGAGAGA GAAGGAGGGGGGAGAAAAGAGAGCCGGGGAAAAGACAACAAAAAAGGACA CGGAAAGTTAACCAGCAGGGGGGAAAAGGCCAAAGCCGGAAAAGGGGACA AA G GAAGGGGGAAGGAAGAGGAGAGAAAAGGCCAAAAGGAAAGGAGGGG AGAACCAGAGAAAGGAGGAGTAGAGAGGGGGGAAGGGGCCAAGAAAAAGA G GACAAAAATCCAGGACCCCCCGGAGGGAAGGAAGGGGAAAAGGAAGGCC CCGGGGAAGGAAAGAAGGGGGAAAGACAGAAAAAAAAAAATAGGCCACAG AAAGAGGGAAGAGGAAAAGAAGGGAGCAGGGGAAAAGGGGAACCAGGGG AAAAACCGGAAAAAAAAACAAGGCCGGGAAACCAGGAGAAAAGGGGGGGG G GAGGAAAGGGGAGACAGGGAAAGAGGAACCCCGGGCAGATGAGGGAGA GAACAGAAAAGCAAAAGGCAAAAGCCGGGGTAGGAAGGGGAAAAAAAGAG AGGGGGAAAAGGAACCAAACGGACGAGGGAAGAAGGGGAAGGTTAGCCAA G G GA $\operatorname{G}$ GCCTTCCGGCCAAGGGGGGGGGAAGGAGGGGGGAAGGAAAAGGC CAAAGAAGAACAGAGGGAGCAGAAAGGAGGAAGAAAGGGAAAAGGCCGAG GAGGGGGAAAAAACCGAAACAAGCCAAAGAAGACCAACAGGAGAAAACCC CAAGGAGAGGAGGAGAGGGGGACGGAAGGGGAAAAGGAAGGGGGAAACC GAGGAAAACAAAAGAGAAAAGGAGAACCAGGGAGCCAAGGAAGAGAAGCC CGCCAGGGAGCCGGAAAGGAACGGAAGGAAGACCACAAAGGCAACAAAAA AA $\operatorname{A} A G G A A A A G G G G A A C C G G G G G G A A A A A G A G A A C A G G G G A A G G G G A C C C$ AAGGAACAAAAAAAAAAAAACCGGGGGGAAGGGGAAAAGGCCGAGGGGTA ACAGCCAAAAAAGGGGGAGGAAGGGGAAAAGGGGGGCGGAAACAAATTGC GAGAACGAGGAAGGACAAAAGAGGGAGGAGGGGGGGCCGGGGAAGGAAC CAAAAAGACGAGACAGGAAAACAAAGAAAGGGGGAGGAATTGGGGAACCA ATTGGAAAAGGAAGGGGAAGAGGAGGAGGAAGGGGAGAGGAAGAAAGGA AACCGGGGAAAAGGAAGAGGAAGGGAACAGACAAGAGAGGCAAGGGGGAA G G AAAAGGAGCCAAGGGGCCAAAAAAAAGGAGGGGGAGCCAACAGACACC GGGAGGAAAAGGGAAGGAAGAGGGAAGGGGAGGGAAGAAACCAAAGAAG GAAGACCACGAGAGAGAAAGGGGGGAACCAGAAAAAAGGAAGGAACCACG AGAGAGAAGAAGGGGAAGAAACCAAAGCGGAAAAGCCAAGGGGAGGGCCA GGCGCACGAACGGACGGCCGGAAAACCCCAAGGAACCAAAAGGAACCGGG GAACAGAGAAGGGGGAAGGAAAAGAAAGACCGGAAAAAAAAAAAAAAAAG G G G G G CCGGGGACCCCCGAAGAGGATAGGGGAAAGAAGAGGAACCGGTTA CGGGGCCGGGAGGGGAAGGAGAAGAAAGGAGAAGGAAGAAAGGAAGGAG

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 AA G G A A G A G A A G GAAGGAAACGGGGGGGGGGGGAAAGCCAAGGCAGAGG AA G G ACGGGAAGGAAGGAGGAGAGGAAAAAAAAGGGGGGAAGGGAAAAAA CCCAGAAAAAGAAGAGAGAAGGGGAGGGAAGAACCCACAAAAAAGAAAGG CCAACCGAGAAAAGAAGGAGGGCCGAAGAGCCGGGGGGGGAGAAGAAGAG AAAGACGGAAGGATAGAAAAAACAGAAAGGAGGAGAGAGAAAGAGGAGAG CAAGGGAAGGGGAAACGGAAAACAGGTAAGAAAGGAGAAGAGCCGGAAGG ACAGCCAGAAAAGAAAAAAAAAGGACAAGGAGGAGGCCGGAAAAGGCCAA GAGGGGGGGGGAGGGGGAAAGGGGAAGGGAGGGGAGAGAGGGGAAGGCA A G G G GCCGGGGGGGGGGAGGGAAAGACAGAAGGGGCCGGGGGGGGACCC

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G GACCAACCAGCCAACCAAAAGGCCGGACAAGGGGAGGGGGGGACCCGAC AGGGGGGCCAAGACCGGGGGAAGGGGGAAGGAGATAGAGAGCCAAGGAA G G G G G G G GCCGGAAGGGGAAAAAAAAAAGGAAGGCCGGCCGGAAAAAAG G G G G G A A A G G ATTGGAAAAGGAAGGAGGGCCAGGGGAGGGCAGAGAGGG AGGGAGCCCCGAAGGAAGGAAGACAGCCAGGGACGGAACAGGGAAAAAGG G G G G AC GAAAAAAAGGGGACAGAGGGAGAGGGGGAGAAGGGAAGGAGCG G G GCAAAGGAGACAAAAAAGGCAAAAGAAAAAAGGCCGGAGGGAAGAAGA GAAGGAAAGGGAGAAGGAAGGACAAGGCCCCGGGGAAACGGGGCAGGCC GAACGAGAAAGGCGAAAGAAGGAAGGGAGGGGGACAGGGGGACCGGAGA CAGAAGGGGAAGGACGGGGAAAACCAAAGACACAAAAAAGGAAAAGGCCA GGGGGAAAACCGGGAAGGGGAGAGGACGGAAAAAAGGGAGGGGCCGGAA GAGGGACAGGAAGAGGAAGGAACCAAGGGGGGAAAAGGAAGGAAGGAACC GGGGAAAAGGGGGGGGGGAAGGAACCGGGGCCGAGGAAGGGGAAAAGGG G G G A A G G G G G G G G G G G GAA G G G GCCAACCGGGGGGAAAAGGAAGGGGGG G G G G G G A A A A G GAA G G G G G G G G A ACCGGGGGGGGGAGAAACCAAGAGAA GCCGGGGAAGGGAGGAGGAGAGGGGGGAAGGGAGGGGGGAGGAGGGGAA
 AAAACAGGGAAGGAAGAGGAAAGAAAAAAAGAAAAGGTTAAGGAAAGAAA AA $\operatorname{A} A \operatorname{A} A C C C G G A G A G A A A G G G G G G G A A G G A G G G G G A A G G A A G G G G G G A A$ AGGAACAAGGGGAAGGAAAAAAGGCCAAAAAGAGGGAAGACCAAAAGAGG CCAGAAAAGGAAAAGGAAAAAAAAAGAGAGGGATGGGGGGAAGGAATTAA CCGGGGAAACAAAAGGGAAGAAGAAACAGGAGGGAAAGAGGAGGCCCCAG GGCAAACAAAAAGAGAAGACGGAAAACCCAGGAAGACCAGCCTTGAGGCC AAAGCCAAGGGGAAAAGGGGAGGGGAGGGGACGGAAAGGGAAAAGAGGA AGGACCCAGAACCGGGAGGAAAGAGAGGGAAAACCAGGGGAGGAGGGAAA G G G G G G A A GAA G G AAAAGGAACCAAAAGGGGAAGGAAAAGGAAGGGGAAA AGGGGAAAAGGGGGGAAAAGAGGGAGGAGAGTTAAGGAAAAGGAAGGAA GGAAGGAAGGGGAAAAAGGGAACAAGAAAACGACAGAACAAAGGAACCAC AGGAGAAACAAAAGCAAAGGAAAAAGAAGGGGAAAAGAGGGGGGAGAAGG GACCGGAGGGAAAAAGGGGGAGAAGGGGGAGAGGGACAGGCAGGAAAAT ATTAGAGCCACCAAAAGCCGGGGCAGGCCAAGGGACCAAAAGAGGGGGGA CGGAACCAACCAGAAAGGAGAAAAAAACACAAAGGCCACGAACGGGGGAA AAAAGACAAGAGGAGGGGATAAAGGCGAAGGGGGAGAAGGGAAAACAAGG GACAGAGAAAAAAAGGGAAGGAAAACCCAGAGGAAGGAGGGAAGGAGAGG AAACCCCGAGGGGAAAACCGGCCCAGGAAGGAAAAAAAAAAAAGGAAGGG G G G AA G GAAGGGGAAAACCCCAAGGGGAAGGAAAAAAAAAAGGAACCGGA A G GAA $\operatorname{l}$ G G G G G G G G G G GAAAAGGAAAAGGGGGGAAGGGGAAAACCCCAA AAAAGGCCGGAAAAAAAATTGGGGAAAAGGGGAAGGAAAAGGGGAAGGCC G GCCGGGGAAAAAAAACCAAAAAAGGAAAAGGAAGGAAGGGGGGGGAATT G GAACCAAAAAAAAGGAAAAAAGGTTGGCCGGAAAAAAAAAAGGAATTCC AA G GAAGGAAGGAAGGAAGGAAGGCCCCAACCGGGGGGAAAAGGGGCCAA AAAAGGGGAAAAAACCGGACAGAAGAAAAAGGAAAAAATTAAAAAGCAAG CCAAAAGAGGCCGAGGAAAGGGGAGCACAGTTAAAGAAAAAGCCGGGGGG CGAGAAGGGGACAACAAAGGAAAAGAAGAGAAGGAAGAAAAAAAGGAAAA AAGGCCGGAAGGCAGACCAGAAAGAAAGGGGGGGCCAAAGTAAAGGACAA GGGAGGGAGAAAACGGAAAAAAAAAGAGAGGGAAGGCCAAGGCCCCAAGG GAAGACCCAAAGAGAAAAAAAAGAGGAAGGAAAGGGAAAGGAAAGAGGGA AA G GAAAAAGATAGGGGAAAGGAGAAGGGGGAGAAGGAGGAGACGGCCG GAGCAGGCAGGGAAAAAAAAAGGAAGGGAAAACGGCCAAAACCCCCCGGC CACGGCCGAGGAAGGAAGACCAGGAGGAAAAAGAGGGAAAGAGAGAAGGA AGGCCGGAAAAGGGGAAAACCAAAAAAGGAAAAGGAAGGGGGGGGGGAAG G G G G G A A A A G G G G G GCCAA G G G G G GAAGGGGAAAAGGAAGGGGAAGGAA AA $\operatorname{l}$ G G G G G G G G G G G A A G G G G A A G G G G G G A A A A A A A G G G G G G G G CCGGGGG GAA G G G GCCAAGGGGAAAAAACCTTAAGGGGAACCGGGGGGGGGGAAAAA AGGAAGGAAAAGGGGGGCCAAGGGGGGGGAAAAGGGGTTAAGGAAAAGG AA G G G GAA $\operatorname{A}$ GCCGGAAGGGGAAGGAAGGAAAAGGGGGGGGGGAACCGGG GAAAAAAGGAAAAGGAAAAGGGGAAAAAAGGAAGGGGAAAAGGGGCCGGA
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A G G G G G G G G G A G G G G G G A A C A A A A A A CAAGGGAAGGCAGAGGGGGGGGGG GGGAGGGGAACCAAGGCAAAAAACAAGGGGAACGAGAAGAAGGAGGGGAA AAAGGGAAGGGGGGGGGGGGAAGAAAGGAAGAAACCCAAAAGGGTTGGA CAAGGAAAACCCCAAGGAAGGCCAGAAAAAAAGACCCGGAGAACCAGCCA CAGAGCAAGGGAAGGGGGGGGGGGGGGGGAGGGATGAAGAGCAGGCCGG A G AA G GAGCAAAAAAGGGAAGGAAGAGGGGGGAAGGAAAGGAGGCAGGG GAAAAGGAGAGGGGGAAAAGAGGGGGAGGCAAAAGAGGACCGGCCGGAA AAAACCCCGGGGGGAAGCAAAGGGAAAAGGGGGGAGAGGGGGGAAAAAAA GAGGAGAAAAGGGGGGGGAAGGAAAAGGCCAAAAGGGGAAGAGAAGGGG GCACCGGAAAGAGGAGGAAAACCCCGGAATTGGGGAAAAGAGGGGAGAAG AGGAAGGGAAGAGACAGGAAGGGAAGGGGAAAGAAAAGGGGGGGGAAGG GAAAAAGGGGGAGAGGAAGGGAAGGCAAAGGAAAGGAGGACCGGGGCAA CAGAGGAGGACAACAACAAGGGGGAAAGAACAAAAGGAAGGAAAGGGAAG GCCAGACGGCCGAAGAGAGAGCCGGGGAAAAGACAAAGGGGGGGGAGGG AA $\operatorname{A}$ GAAGGGGGGAACAAGAGGGGGGGGGGAGAAAGGGGAAGGGGAAAAG GAAAGAACCGGGGGGAGAACCAAAAGGGGGGAAAAAAAAAAGGCCAAGGG G G G G G G GAAAGGACCGGGACCAGGGTTAAAACCGGGGGGGGAAGGCCAA GAGGACAGGGAACCCAGAAGGAGGAAAAAGAAAAGGAGGGGAAAAAAAGA AA G G GAGGAAAGCACAGGAAAGCCAAAGAGGAGGGGCCGACCGAGGGACA GAAAAAGAGAAAAGAACCGGGGAGAAGAGGGGGAAAGGGCGGGGGAGGG G GACCAAGGGACCGAGAAGAATTGGGCGGGGGGAAAAGAGGACGGGGAA G GACAAAAAAGAAGGGGGAAGGGAAGAACCGGGGACTAGGGAAGAAAAAA CCCCGAGGGGGGGGGGGGGAGGGGAAGGCCAAGGGGAAGGAAAAAAAAC AAACCAAGGGAAAGGAAAAAGGGAGGGAAAGGGAAAAAAGGGGGGCCAAG GAAGGAAACGGGGAGAACCGGGGCCAGAAAGGGGAAAAACGGGGGCCGG AGAAGGCCAAACAAGGAGCGGGGGGGAAGAAAAAGAAGGGAAGGAAAAGG GGAAAACCGGAAAAAAAAGGGGGGAAAAAAAAAAAAGGGGGGCCGGAAAA GGGGAAAAGGGGAACCAAGGGGGGAAAAGGAAAAGAGAGGAAAGGGAAA GGGGAAAAAAGACCCAAGGGGCCGAGAGAGGAGGGAAAAAAACGAGGGGA AAAAAGGGGGGAGAGCCAACCGGAAGGCCGGGGAAGGGGACCCAGAGAGA AACGGAGGAAGGGAAGGCCAAAAAAGGGGCCAGGAGGAACCGGGGGGCCA A G G G GAA $\operatorname{A}$ GGGGAGGAACAGGGAAGAGGAGGGAGGGAGAACGAAGAGAG GAAGGAAAAAGAGAGGGGAACCAAGGGGGGAAAAGGAAGGAAGGAAAAAA AAAAGGAAAAAAGGAAAAAAGGGGGGGGAAAAGGGGGGGGGGAAGGAAC CGGAAAAAAGGGGGGACGGAGAAGAAGGGAGGAGGGAGAGAGGAAAAAA GGAAGAGGAGGGCCGGAAAAAAGGAAAAGAGGAGGGAGCAGGAAGAGAAA G G A A G GAA G G G G GAAAAGAAGGGGGGAAAGAAGGGGGGCCAAGGAAAGA AGGGGAAAAAAAGAGGGAGGGAAGAGAGAAAAACCAAGAGGCCAAGGGGA AAAGGAAGAGAAAAGAGCAGGAAAGCCAAAAGGGGGGGGAGAGAAAAAAA GAGCCGGAGAAGGGGAAAGAGAAGGGGAAGGGGAAGGAAGGAACAAAAAA GAAAAGGGGAACAAAGGACAGAAAGGAGAAAAGAGGGGAAGAAGGAAAGA AGGCAGGGGGAAGGAGAGGGAGGAAAGGAAAAGGAGGAGGAGGAAAAGG CCGGAAGGAAAAAAGGCCAAGGGGGGCCAAGAGGAAAAAAACAGAAGGAA AGGGAGGAAACCAAAGAACAGGCAAAGAAAAAGGAAAAAAGGAAAAGAAA GGGGGGAGAAGGAAAAGGGGAACCGGCCAAGAAAGAGGGAGGCAGGAAA GAGAAAAAAGGGAGGAGGGGGAAGAAGAAGAGAGAAACCGAGGAGAGACG GAACCGGGGCCAACCGGGGGGGGAAAGGGGGAAAGAAAAAGAAGGAAAAG GGGAAAGGGGGGGAAAGAGAAGAGGAAAAGAGAATGAGGAAGGAAAAGG AA G G G G GAAACCGAAGCCGAGGAAGGGACCGGAGCCAAGAGGGGAAAGG GAAGGAAAAGGGGAAAACCAACCAAGGCCGGACGAGGACAGAAAAAAGGG G G G G G G GTTGGAACCGGAGGACCGGAACCAGAACCAAGGGGAAGGAAAAA AGGAAGGAACCGGGGAGCCGAAGCAGGAGACGGAGGAAGGACCAAGGGG GAGGAACCGAAAAACCAAAAGGCCGGGAGGGGAAGGAAGGGAAAAAAAGG
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AGGAAGGAAGGAGAAGAGGAAGAGGGGGAACCCGACGAAAAGGCCGGGG G G G GAA G G G G G GAA G GCCGGGGGGAAGGGGAAAAAAAAGGAAGGAAAAG GAAGGGGGGGGGGAAGGAACCAACCGGAAAAAAGGGGAAGGGGGGAAGG AA $\operatorname{l}$ GAAGGGGAAGGAAAAGGAAGGGGAGAGAGGAAGCAGGTTGGGGCCG G G G A A G A A A G G G G GAGGATAAAGAAAGAAGGGGAGCCAAGGGGAAAAAAA G G A G G G A A A G ACAAAAGGAGGGGAGAAAGGAAAGGAGAAAAGAAGGGCCG AGGCCGGAAGGAAAAAAGGGGCCGGGGAGACCAGGGAGGAAGGAAGGAA AACAAAGAAAAAACAAGGGGGGGGAGAAGGGGGGGGGAGGCCAACCGGG GAAAGGGGACCAAAGGGACCGGGCAAAGGGAAAAACCGGGGAAGGGGAAG GCCGGGGCCAACCGGGAACAAGGGAGGACAAGCAAAAGAAGAAGAGCACA CGAAGAAAAAAAAGGAGGGGAAGAACCAAAAAAACGGAAGGGGGAAGCCA A G G G G G GAAA $\ln$ GAGGGGAGAGAAGGGAAGGGAAAAGGGAGGAGAAGGGG AGAAAAGGGGCAGGAAAAGGGGAAAGGGGGCCGGGGGAAAGAACAAGGC AA $\operatorname{ACAGAAGGGGGCCGGGGAGGAGGGGGAAACCAAACAGAAAAAGGGCCA~}$ GAGGAAGTACCAGAGAGGGGAGGGGAAAGAAGGAAAAGGGAAGAAAAGGA ACCACGGGGGAGGGGAGAAAGGGGGGAGGGGGGCACCGGAAACAGAGAC G GCCAGACAAAACCGGGGGGAAAAGGCCAAGGGGAGAAAAAAAGGAAAAA AGAGAAAACCGGAAGGCCGGAAAAAAGGCAAAAACAAAGGAGGGAAGGAA G GAAGGAGAAAGGAGGGGAAGGAAGGGAGGGGCCAAGACCAGAGAGAAG AAACCAAGGGGGGGGAAGGAGGAAACGGGACAGGGAAGGGGAGAAGGGG CCAGAGAGAAGGAACAAAGAAAGGGGGGGGGGCAGAAGACAGAAAAAAGC
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$22019000-9$ AA GGGGCCGGGGAAAAAAGGGGGGAAAAGGGGAAAAGGAAGG CCCCAAGGGGGGAAGGAAGGGGGGCCAAAAGGAACCAAAAGGGGAAAAGG AACCGGGGAAGGCCAAAACCGGGGAAAACCAAGGAAAAAAAAAAGGAAGG GGCCGGGGAAGGAAGGAAAAAAAAAAGGAAGGCCGGGGCCGGGGAAAAAA AAGGAAAAAACCAAAAGGAAAAGGGGAAGGGGGGAAGGAAAAAAGGCCGG AA G G GGAAGGGGGGGGGGGGGGAAGGAAAAGGAATTGGAAGGAAAAAAA AGGAACCGGAAAAGGGGAACCGGAAGGCAGGCAAAGAGAGAGGAAGGGGA AGGGGAAGGAAGGAAAGCCAAGGGGAGAAAAAAGGGACCAAAAAAAAGAG GGGGGAGACGAGCGGGAAAGGAAGGAACCAGAAACCCGGAGAAGGAGAAA GCAAAAGTTGGAAAAAGGGGAAGAACCGAGGAAAAAACAATCCGGGGCCG GGGCAGAAACCAAAAGGAAAACCAAAAAAAAGGGGAAAACCGGAAGGGGA AGGAAGGAAAGGGAAGAGGAGACGGGGGGAAAACCAAAAGGGGAAGAACA GACGGAAGGGAGACAAGGAAAAAGGGGGGGGAGAAGAAAAAAACCGAGAG GAGGAAGCCAGAAGGAAAAAAAGGGAGGAAAGGGAAAGGGGGGAACCAAG GAAAAAAGGGGCAGAAAAGAGGGCACCCCGGAGGGGGGGGGGGGGAAAA AGAAGAAAAAGAAACAGGAAGGGGCCAAGGAAAAGGCCGGTTGGGGAAAG AGGAGACCGAGAAACAAAGAAGGACATTAACCAAAAGGGGGGCCAAGAAG GAGAACCCGAAGAAGGAACCGGGGAAGGGGCCAGACAAGGCCGGAACAAA GGAAAAGGAACCGGAGAACAGAGAAAGGAAGGAAAAGGAGCGGAGAGGGG AAGGAAGAGGAGGAAAGCAAGGGAAAAAGGGGCCCAAAGGAACCAAAAAA CCGGAACGAAGCAAAAAAGGGGGGGGGGAACCGGGGAAGGAAAGAAAAGA AAGAGGTAAGTTCAAAAGGGGGCAAAACGGGAAAAAAAAAAAGGGAAAAA GGAAGACCGGGAAAGGAAACAGAAAACCAAGGGAAAAAAAAGAGGAACGG GAAAAACCGGCCGGAAAAAGGGGGGGGAAGAGAGAGGAGGGGGAACGGC ACCCAAGAGGAGAAGGGAGCAAACCGCCACCAAAAAGGAAAAAGGAACCA AGAACAAAGAGGGAAGGAAGGAAGGCCAAGGAGGAAGGAAAGGAAAGGGA GGGAAGGGGGGAAAGCCAAAAAAGGAAGGGGGGGAAAGGACGAAGAGAA

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G G G G GCCGAGGCCTTCCAAGGAAGGAAAAAAGGACAGAGAAAAGGGAAGA AAAGGAAAGAGAAGGGGCAAGAGCAGGAACCAGAAAACCGAGAAGGAGGG AAGGGGGACAAAGAAGGGACCAGAGAAGGGGGGAAGAAGAAGGGACAAAG GGGGGAGAAAAAAGAGGGGCAACGAAGGAGGGGAAAGACCAACGAGGGG A G G G G G A GCAGGGGGGAAAGAAGGGGGGGGAAGGCCAAGACCAACCAGG AGGAAGAGGAAGACCGGAAAAGGCAAAGGAAGAAGCCGGGGGAAGAGTAA GAAAAGGAACCGAGGAAAACGAGAAGGAGAAGGAAGGGGAAAGCCAAAGA GAGAAAACCAGAAAAAAGGAAAAAACCGGGGAAGGTTAAACAAAAGGGAA CGAAAGGAGAGGGAAAAAGTAAAGAAGAAAGGGAGGACAAGAAGGAAGAG ACCAGCCCAGGGAAGAAGGAAGGAGAGAAAGGGAGGGGGGGAAAGGAGG AA G GCCGGGAGAAGGGGGAAAAGGAAGGAAGAGGGGGGGGAGAAGGAAG GGGGGGGAAGGGGAAGGAGAGAGAACAGAAGGGGGGGGGGGAAAAAAGG GAAGGGAGGGGGATGGAAATGGAGGGAAGGAAAAAAGGAAGGACAAAAG GGGCCAAAAAACCACAGAAAAAAGGAAAATTTAACAGAAGAGGAGAAGGA GAAGAGGGGAACGGGTACCAGAGACGGAACCGGGAAAGGAGGGAAGAAAG AGGAAACGAAAAACCAAAAGAACGAAGGGGGGGGGGACCGGCAAAAAGGG GAAAAAAAAAAGGGGGGGGAGCCCGGGAGCGGAGAGGGACCAAGGGGAG G G G GAACAGAGGGAAAGGGAAAGGGGAAAAAAAAAAGGAACCGAAGAGCA AAGGTTACAGCCGACCGAAAAGGAAAAGGAAAGGGGGAAACAAAAAGGGG G G G G A A G G G G G G G GAAAAGGAATAAAGGAAGGGGAACCAATTAACCGGCC GAGGAAAAAAAGAAGGAATAGGAAAAGGAAGAGGAAAGCCAAAGGAGGAA G G G CCAA GAAGACCAGGGGGCCCCGGGGGGGAACAGAAGGAATAAGAGG GAAAAGGGAAGAGGAGGAGGGAAAGGGAAGAGGTAAAGGGAAGGGCAAG CCAAAGAGACGGATAGAAGGCCAGGGGGCCGGACCAGAAGCACACCCCTA AGTTTTGAAAAAGGCAGACAGGGAAGGGAGCACAGAGAAAGGGGGGGGAG AGGAAGAAGGAAGAAACCAAAAGGAAGGAAGGCCGGGAAAGGAAGAAACA GGCAGACCAAGGGGGGAAGGAAGGGGAGGGAAGGGGCCAAGGTTGGGAG AAAGACCAGAGAAAGAAGGGAGACAGACACAAGAGGGGGCAGAGGAAAAC CAAACGGTTAGAAAGCAGGAAAAAAGGAACCAAAAGGGGGGAAAAAAGGA GAAGGGGAAGGGAGGGGCCGGGGGAGGGAGACCACACAAAATTGGAAGG AAAAGGAAAAGGAAAGAGGACCGGGGGGGGAAAACAAGAGAAAGAGCAAA GGAAGGAAAGAAAACCCCGGGGGGGGAAGGAACCAAAAAGAGACAAAAGG CACCAAAAACAGGGCCGGCCCAAACAGGAGCCAGAGGGGAAGACGAAGCC G GA G G GAGGGAGGAGGGAGGCCGAAGGGAAGGAGCCAGAAAACCAGTAG AACGGCCGGGAGAGGAAGAAAGGGGGGGGGGACAGGGAAAAAAAAGAAAA A G G A G CAAA $A$ AA $\operatorname{la}$ ACAGAGGAGGGAAGGGGGAAGGCCAGGGGGAAAAAA G G AC CAAA $A$ AGGCCGAGGGCAGGACGAAGGGGAGAAAGGAGGAGAGAGC CGGGGAGAAAGAAAAGAACAAAAAGGGCCGGGGAAGGAACAATGAAAAAC C G G GAGAAAAAAAGGCAAAGAAAAAAAGAAAACAAAAAAAAAAAAGGAAA AGGAACCCCAAGGAACAAGCCAAGGGAAAACAGAAAGCCGGAAAAAAGGC CAAGAAGACAGCAGAAAAGACAGCCAAAAGGCCGGAAAGGGGAGAGGGGA A G G G GAA GGCAAAGGAGGAAAAAAAAAAACCAAGGAAGGCCGGGGACAGA GCGGGGGAAGGACAGGGAAAGGAGCGAACCAACAAAAAAGAGAAGGGAGC CGGAAAACAGGAAGGGGGATTGAAAAACCCCGGCCAGGAGAGAACAAAAG GAAAAAGGAAAAAAAGAGAGGGGTTAAAAAAGGGGAAGGGGAAAAGGGGA AGGCCAAGGGAGGGGGGGGGACCGGAACCAGACGGAAGGAAGGCCGGAA GGAACCGGAAAAGGAGAGGGGGAAAAAGCCGGAGAAGGAAAAAAAAAAAA GGGATTCAAAAAAAGAAGGGAGAAAAACATAAAACCGGAAAAAAGAAAGA AGAGACCCGGTTAGAAAAAAAAGGGGGCAGAGGAGAGGAGCGCCAGAAAG G G G G G G G GAAGGAACCAAGATTAAGAAGAAGAGGAAGGGAAAGGGGAAG GAATTGGAAGAAAGGAAGACCGGAGGAGAGGAGGGGGAACCGGGGGAGC GAAGACGAGGCCGACCGAAGGGCAGGGGAACACAGAGGGGGAGGGGGGA GGGAAAAAGGGAAAAGGAAGGAAAAAAGGAAGAAAAGGGCCCAAGGGAAA AA GCCGAGGCCAAAAGGCCGGGAAATTGGAGCGAAGGCAAAAAACAACAC CAAGGGGAACGAGAACCAATTAAAAACAGAAAAAAGGAGAAAAGAGAAAA G G G G G G G G GAA $\operatorname{l}$ GGGAAGAGGGAAAGGAAGGAAAAGAAGGGAGGAGGAA AA G G GAA GCCAAGGGGAGGACACCGGGGCCAGAAAGAGGAGGGGGGAAA AAAGGAAAAGGAAGGCAAGGAAGACGGGGGGTTAAGGAAGGAGGGGGAA GGAAAGAAAAGGACAAGGGGGGGGAAAAGAAGGAGGAGGCGGCAAGAGG GAGGGCCAAAGAGGGAAAAGGGGGGAGAACGAAAAAGGGCAAAAGGGGAA AAAACAGAAAAGGGGAAGGAAGGGGAAAGGGCCAGGGCAGAAGAGGGAAA

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 G G GAA $\operatorname{A} A \mathrm{G}$ GAGAAGGGGGGAAAGAGGAGAAGGGAAGGAGGGAGCCGGCC G GAAGACCAAGGGAGGAAAAAACAAAGGCCGGAAGGGGGACCAACCAGGG AA GAGACCAACCAAGGGGAGCAAAGGAAGGGGCATTGGGGGAGGCAACGG GAAGAGTAGAGGGACCAAAAAAGGCCGGAGGGAAGAAAGAAAAAGGAACC AACCAAAAAAAAGGAAAAAAGAGGGAAAAGGGAATTCGGGAGAAGGAGAA G GAA $A$ AAAAGAGGGGAGGGGGGGGAAGGAGAAAACCAGAAGAAAAAGGG ACCGGAAGGAAAAAAAACCAAGAAAGGGGGGAAACAAAAGGGGGAAAAAA GCAAAAAAAATGGCCAGGGCCAAAGAAGGGAAGAAATAAGGCAGAAGAAC AAGGAAAGGAAAAGGAACCGAAAGGAAGGCCACGAGAGAAGAAAGGGAGG AAAAGGAAAAAAAAAGGCAAGCCAAGACAAAAGGGCAAAAAAGGGGGGAA AA $\operatorname{AACGGAGAGGGAAGAGAGAGAGACCGGAAAGAGGGAAAGAGAGGAAGA~}$ AAAAAGGAGAAGAAAAAGGAGGGAGGAAAAGCCATGGGGGGAAACGAAAA GAAAGAAAAAAGGAGCCAGGAAGGGAAAAAGGGAAGAGGAGGGGAAAAGA ACGCCAAGGACCCCAGGAAAAGGAAGGCCAAGGCAGGCCGGGATAGGAGA A G GCCGGGGAGGGAAAGCAAGGGAGGACCGACCGGCCGGCGGGGGCAGG G G G A A A G A G G G A G GAAGGGGAAGGGGAAAGAAGGGGGGAACCAAGGAAA AGGAAAGCCAAGAAAGGGAGGAAAAGAAGAGAGGAGGGGAAAAGGAACCG G G G G G G G CCGGAAGGGGAAGGAACCGGGGGGAAGGAAAGCCGGCAAGCA
 GAAAGAGCCAGGGAAAACCGGAGGAAAAGAAGAGGAAAAAGAGGAAACCA GAGGGAACAAAAACCGGAGGGCAAGGGGGCCGGAACCAAGGAAAAAAAAA ACCGGAAGGAGACCCGGCCACCCAAAAGGAGAGAGAAAGAACCAAGAGAG GAAA G G G G G CCGGCCAGGGGGCCGGGAGGAGGGGGGGGGGGAAGACCAT AGAAGGCCAAGGGGGGGGAAGGCCAGGGGACGCACCAAGGGAGGGGGGC CGGAAGGGGGGAAGAAGAGAGAAAAGGGGAGAAAAAAGAAGCACCGGAAA AAGAAAGGAGAAAGGAGGGAAGAACAGAGTAGAGAGGAAAAAAGGGGAAA AAAGGCCAAGGAGAAGGGGGGAGAGAGGAGACCAGAAGGAGGGGAAGCC CCGGAGAAAGCAAAGGGGGGGAAGGAAGAGGGGGAGAAAAGAAGGAGAC AGGCCACGGACCCGGGGAGGGGGCAGGGGAAAAGGGGCCAGGGAAAGCC CCAGAAAAAAACGACAAGGGGAGGCAGGGGAGCAGGAGGGAAACAGAAGG G GAAAGAGAGAGGGAACCAGAAGAGAAAGGGGCAAAAGGAGAGGCACAGG AAAAGGGGGGAAAAGGGGAAGGGGGAAACACAAGGAGGAGAAGGAAGGA AA G G GAA G GAGCCAAGAAGAAGGAAAAAAGAGGAAGGAAAAGGGGGGGAG GAAGGAAAACCGGACAGGGGGAAGGAAAAGGGGGGGAAAGGGCGAAGAG AGGGAAGGAAAAGGAGGGAACAAAGGGAAAGGGGGAAAACAAAGGGCAGA AAAAAAAAAAAAGGAACCAACCAAGGCCGGCCGGTTGGGGAGGGGGAAAA AGAAGGGAGGGAGGAGAGAGGGAAAAAAAAAAAAAAGGAAGGGGAAGGAA AGGGGAGAAAGGAAGGGGGGACCCCCGAGGAAGGAAGAGAAGAAGGAAG GGGAAGAGAAAAAAGAGGGAAAAAGAACCGGGGAAGGGGAGACAGGGGG G GAGGGAAGAGGGGAACCAGCATAAACCAAGGGGGGGGACGGAAAAGGAT AAAGGAAGGAGAGAAAAAAGAAACAGAGGGGGAGAAAACCGAAGGGAGAA CCGGAAGAAAGGAGGAGAAGAAGAACAAAAAACCGAAAAAAAAAAAAAAA AGGAGGGACCAAAAGGGGGGAAAACCAACAAAACGAGAAGAAAAGGGGGG

AA $\operatorname{A}$ GAAGGGGGAAAGGCAAGAGAGAGGGGGGGGGGGAAGGAAGGGGGAG GGGGGAAGGAGGAAAACAAGGGGAACAGGGAAAAACAAAAAAAAAAAAAG AGGGAGAAAAGGAGGAAGGGGAGAAGAAGAAGAGGGGAGGACCCAAAGAA AAACCGGAAGGGAGGAGACGAAAGGGGCCAAGGGGCAGGAAGGAAGAAAA G GAAAAAGGAAGGAAAGGGAAAAGGAAGGGAAAAAAAGAAGCCAAGGAAG GAAAAAAAACCAACCGGAAAGAGAGAAAAAAGGCAGGAAGAAGGGAAAAA AGGAAAAGGGGAAAGTAGAAGAGAGAACCCCAAGGAAAAAGGGCAGGCCA GAAGAAAAAAAGGCCAGAGGAAAAGAGGAAAGAAAAAGGAAGGAGGAAAC C G GAA $\ln$ GGGGGAAAGAGGGGGGGAGGGGGAACCAAGGGGGGAACAAAAA A G G GAACCGGGGGGAAGAGGGGGGAAAAGGGAAAGGAGAGCCAGAACGG AAACAGGGGAAGGAAAAGAGAGGAAGGAACCGGCCCAGGAGGGGGATAGA GGAAAAAGGAAGGGGGGCCAAGGAAGGAAAACCAAGGCCGGAGAGCAGAA AAAGGAACCCAGAAGAAAAAAGGAAAGACGAAAAGAAAGGAAAGGGGAAG GGAGGAAGGAAAAAACCAGAGGGGCACAGCAAGTTAAACAAACAAGGAGA GGGGGCCCAAAGAGGAAGGGAGGCCTAAGAGGGGGGGAGGGGGAAAAGG AAAAGGGAGGAAGGAGAAAGAGAGCCGAGGGGCCAAGACCAGAAAGAGAA AA $\operatorname{l} G \mathrm{G}$ GAA $A$ AGGCCCCGGAAGGCCAAGACCAAGGGGGGGGGGGGGGAAA ACCGGCAAAGGAGGGGAAAAAGAAAGAGGAAAGAGGGCACCAAGAGAAGA CATAGCACCCCAAAAGGTTAAAAGGAAAAAAGGAAAAAAGGGGAAGGAAA AGGGGCAGGGGAAGGAACAAAAGGGGAAACCGGCCAAAAGAGGCCAAGGG G G G CACAAGAAGAGGGGGGGAAGTTGAGGAGACAGCAGGCCGCACGACAA GAGAAGAAGAACGCAAAAGGGTTCCCCAAAAAACCCCAAAGGAGGAAGGC CGGGGGGAGGGACAGCAGGGACCGGAAAAAGGACCAGTAAAGGGGAAGG GAAAGGAAGGAAAGCCGGGGCAGGAAAAGGAAAGAAGGAAAGAGGGAAGG AA $\operatorname{G} G \mathrm{G}$ GAAGGAAGGCCGGGAAAGGAAAACCGGAAAAGGACAGGGTTGGCC AGAGCCGGAAGGACAACCAAAAAAAAAGGGAAAAAGAGGGAAGAAAGAGG GGAATTAAGGAGAGGAAGAAGGGGGGAAGGAAGGAAAGAAGAGGGAAAAA GGGGGAAAGGGGCCGGGGGACCGGAAGGGGAAAAGGGGAGAAAAGAGAA AAAAACCAAGGAGAGAAAGGAAAGGAAAAGGAATTGGAAGGAAACCCGGC CCAAAGGGGGGGGGGGGAAGGAAAAGGGGAGGGAAGAGGAGGGGGAAAA AAGGAGAGGGGAGAAAAGAGGAGGGGAAGGAGGGAAAAGAGAAAAAACAA G GCCGGGGAGGAGGCAGAGGGAAGAACCGAAGGGAACCAAACAAAAAAGA AGAAATAGTTAACAGAAAGGAAAAGGAAGGCGGAGGAATTAAAAGAGAGG G G G G G G G GCCGGGGGGAAAAGGAAGGGGGGGGAAAAAACCAAGGGGGAG ACCCAAGAGAGAGAACAGAAGGGGGCCGACCAAAACAAGACCAAGAAACG GAGAAAAAGAACCGGCAAACCAAGGCCGAAGGAAAAGAGAAAAGGGGGGG GAAGGAAGGAAAAGGGGGGAACCGGGGGGAAAACCAACCCCGGAAAACCG GAA G G G GCCGGGGGGAAGGCCGGGGAAAAGGAAGGAAAAGGAAGGAAGG G G CCAA G G G G G G G GCCCCCCAAAAAAAAAA GGGGCCGGGGGGCCAAGGG GCCGGGGGGAACCAACCCCCCCCGGAAGGAAAAGGAAAAAACCGGGGGGA AAAAAAAGGCCAAGGGGGGGGTTAAAAGGAAGGAAGGAAGGAAAAGGAAA AAACCAAAAGGAAAAGGGGGGAAGGGGGGGGAAAAAAAAGGAAAAAAGGA ACCGGGGAAAAGGGGAAAATTGGGGCCGGGGAAAAAACCCCAAAACCCCA AAAAAAACCAAAAGGGAAGGGGAGGCAGGAACAGGGGAACAAAAGGAAGG GGAAGAGGAGGAACCGAAATTGGGGAGAAGAAGGAGAGGAGGCGAAGGC GGGGAAAAAAGAGGAAAGGAAAGGAAGGCCAAAAAAAGGAGAAGCCAGAA AAGGAAACCCAGGGGGAAAACCAGGGGGGGAAAAAAAAAAACGAGGGGGG CCGGGGGAGAAGAAGGAAAAAAAGAAAGAAGGAAAGGGGGAGAGAAAAAA AA $\operatorname{A} A C C C C G G G G G G G G G G A A G G G A G G A A A A G A G G A A G G A A G G G G A A A A A$ AACAAAAAGGGAAGGGGGAGGGGAAGGAAAAACAGAGGACCTTGGGACAC A G GAGGCGAGGAGAAAGGGAAGGGGGGGACCGGGGGGAAATAAAGGGGG G G G G G GCGGAGAAAAGAGGGAGGAACAGGGGGGGCAGAGGGGGGGAGGA A G G A G G G G GAGGGAACACCGAGGGGAAAGGAGGGGGGAAGAAAGGAACC AAGGCCTTCGAGAGAAAAAAGGGGAAAGGGAAGGAAGGAAAAAAAGACAA GAGAAGAAAACGGAGGGGGGGAGGAGAAGGGGAAGGGGGGAAAAGGGGA GAAAGCAGGCAGGAGGCGGGGAAGGGGGGGGGAAGCCAGGGGACCGGAA AAAAGGAAAAGGAAGGGGAAAATTAAGGGGGGCCAAGGGGGGGGAAAAG GGGAGGGAACCAAAAAGAAAAGGAGCCAAGGAAAAAACCAACCGGGAAGA AGGCATTAGCAATGGCCAACCAGAGGGAAAAGGAAGGAAAAAGCAAAAAG A G G GAAGGGAAGGAAGGGAGGGGGGGGCCGGAACCGGCCAAGGAAGGAA AAAAAAAGAGGGAAGGGAAAGGAGAGAAGGGAAAAGGGAAGACCGGAAAA

TTAGAGAAGAGGAGGGAGAAGGAGGGAAGGGGGGAAGGGGCCAAAAGGG GAAGGAGAAGAAACCCGGGGGAAAAAAGGGGGGGGGGGCGGGAGGGGAA CCCCCCGAAGGAAGAACCCCCAAGAGAGCCAAGAAACCCAGAGAGAGAAA G G G G G G A G TAAGAGAAAGAGCCAAGGAAAAAAAGGAGGGGAAAAATGAAA GAAAAAAAAAAAAAGGAAAGAGAAGGAGAAATAAAAAGGGGGAAAAGGGA AACCGGAAGGAAAAAACCCCAAACGGAAAAGGAAGGGAAAGGAAGGAAAG CCAGCCGAGGGAAAAAGGGGAGAGGGGGCCAAAGAAACGGAAGGGGAAGA ACCAGGACGGAGGGGAAACCGAAACCGGGGGGGGGAGGAGGAGGGGGGA AAAAAAAAAAAGGAAAACCAAGAGGGAACGGAGGGTTGGAAGAGAGGCCA A G G AAAAGGGGAAACGAGAGGGGAAGGAAAGGAAGAAGAAAAAGGGGGA GGACAAAAAAAAGGAAAAAGGAGAAGGAGAAAGAAGAAGGAAAGCCAGGG CCAACAGATAGAAAAAGGGAAGAGCCGGGGGGAACCGGAAGAGAGAGGGA TTTAAAGGAGAGGACAGAGGCCGGGGGAGGGGAGAAGGGGAGGGAGCAA GGACACCGGGGACTAAAGAAAAAAAGGAAGGAAAAAAGGAAGGAAAAGAA ACCAAGGAAGACCAGGGAAGGCCACAGGGAAAAAGGAAGAGGGGAGGAAA AAAGACCAAAGAAAGGGGGAAAGCCACAGGGAGCCGGTTAAGAGAAGGGG G G G A ACCGGGAGGAGCCAGAGCAAAAGGGAGGAAGAAAAAAGCAAGGGGG AGCAAACAAACCCGGAACCAAGGGGAAAGAAAAAGAAAGGGGATTAAAAG GAGAGAGAAAGGGAGACGGGGGGAAAAGGAGAGGAGGACGGGGGGAAGG AA $A$ AGAGAGGGGGGAAGGGAGGAACCGGACGAGAGGGGGGAAAATTAAC CGGAAAACCAGGAGGGGCAGGGGAAAGCCAAGGAAGGAAGAAAGAAAGAA AAAAGAGAAAGACGGAAAAGGAGAGAACCGGGGAAAAGGAGCCGGGAAGG G G G G G CCCAAA G G GAGAAGGGAAAGGGGAGGGGCCGGCAAGGGAAAGAG GGGAAGGACAAAGGAACACCAAGGGGAAGGAAAAGGAAGGAACCGGAAAA G GAAAAAAAAGGGGAAAAAAACAACCAGCAGAGGGAAGGGAAGGGAGAGG AGGGGGGGCCGGAAAGGAAAGGACAAGGGAACAGGGGGGGCCAAGGGGA GAAAGGGAGAAAAGGAAGGAGAGAGAAGGGAGGACAACCAGAAGAGGAAG GAGAAAAAAGGGGGGGAGAAAGGAGAAGGGGGGAAGGAAGGCCAGGAAA GGAGGGGGCCGGAGAGGGAGAAGGCCGGGAGGGGACAAATGAGAACTAG GGAGGGAGGGGCCGGAGAAAGGGGGCCAAGGAAGGAGGGAAGGAAAAAA AAAAAGCCCCGGGGACAGGGAGAAGGGGAAGGCCAGAAGGGGAACGGGG G G G G GCCGAGAACAAGGGGGGCCGAGCAAAGAGGGAGGGAGAGGGGGGG ACAGAAGGGGGGAGAGAAAGGAACGAAAGGGGAGAGGGCCAAAAGGAGAA AA G G ATGGAGGACCAAGGAGAGGGGACCGGGGAGACCCAAACAACAAAGG GGAAAAGGAGAGGGGGAAACAAAAAACCACAAAAGAGGAAAAAGCCGGAA GAAGGGAGGACAAAGAAAGGAAACGGAAAGGAGGGAAAGGGAAACCCCAA GAAGGGGCAGACAAGGACAAGAGGGAAAAAAAAAAAACAGCCAAGACCGG G G G G G GCAAACCGAACGGGGAAGGAAAGAAAGGGCGGGAAACAACAGAAG AAAAGGGAAAAAGGAAGGAAGAGGGGCCGGCACCAAGGAGAGAGGGAAGG AA G GAGGGGACCGACCGGAAGAGGAAAAAAAAGGAACCGGTTAAAAGGGG GGGGAAAAGGAAAAGGAAGGGGGGGGAACCAAGGAAGGAAAAGGAAAAG G G G G G G G A ACCAAAAAAGGAAAAAAAAGGGGGGGGAAAAGGGGAAAAAAG GCCAAGGCCGGAAAAGGAAGGCCCCGGGGGGGGGGAAAAGGGGAAGGAA CCAAAAGGAAGGAAGGCCGGGGGGAAGGCCGGAAAAGGGGCCCCAAGGAA AAAAGGGGGGGGAAGGGGGGAAGGAAGGGGAAAAGGGGGGGGAAAAGGG GGGAAAAGGGGCCAAAAGGAAGGAAGGAAGGAAGGAAAAAAGGAAGGAAA AGGGGAAGGAAAAAACCGGAAAAAAGGAAAAAAGGGGGGGGAAGGAAGGC CGGAATTCCGGGGCCGGGGAAAAGGAAGGAATTAAGGGGAAGGGGAAGG G G G G A A G G G G G G G GCCGGAAAAAAAACCGGAAAAGGAAGGAAGGGGGGA AAAAAAAGGGGAAAAGGCCAAGGAAGGAAGGAAAAGGAAAAAACCGGAAG GAAAAGGAAGGGGGGAAAAAAAAGGCCGGGGAAGGGGAAGGGGAAGGGG
 A G GAA G GAAAAGGAAGGGGGGAACCCCGGGGAAAAGGAAGGCCCCGGGG AA G GAAAAGGAAGGCCAAAAGGAAGGAAGGAAAAGGAAAAGGGGCCCCAA G G CCA $\operatorname{la} A \operatorname{A} \operatorname{GGGGGGGGGGAACCGGCCAAAAGGCCGGAAGGAAGGGGAAC}$ CGGAAAAAAGGAAAAAAGGAACCAAGGCCCCGGAACCAAAAAAGGAAGGA AAAAAGGAAGGGGAAGGGGAAGGAACCGGAAGGCCGGAAAAGGGGGGGG G G AAAAGGGGAAAACCGGAAGGGGAACCCCAAAAGGGGAAAAGGAAAACC GGCCGGCCGGAAAAAAAAAACCGGAAAAGGAAGGAAGGGGCCTTGGGGGG G GAAGGGGGGGGAAGGCCAAGGCCGGAAAAAATTAAAAAAGGAAGGAAAA AAGGAAAAAAAAGGAAAAAAAAGGAACCCCCCAAAACCAAAAAAGGAAAAG

GAAAAAAAAGGAACCGGGGAAAAGGGGAAAAAAGGAAAAAAGGAACCCCA A G G G G G G G G A AAA $\operatorname{A}$ GGGGGAAGGGGAACCGGAAAACCGGGGGGCCAAGG AA G GAAAAAAAAAAGGGGGGAAGGGGAAAAGGAAAAAAGGAAGGAAAAGA AAGGAAAAAAGGAAAAAAAAAAGGAAGGAAGAAAGGAGAAAGGGAAAGCC GAAGAAAAGGAAGACAAGGGGGGGCCAACCGGAAAAGGGGGGCCAGGAGA AA $\operatorname{HAAA}$ A GAAAAGGGAACACGGGGGGGAATAAAACCCCAGAGAAAACCGG A G GAAA $\operatorname{lng} \operatorname{GGGGGGAGGGAGACAAGGCAAAAAAAAAAGGAGGGGGAGAG}$ A G G A A G G G G CA G G G G G G A A G GAGAGAGACGGAAGGACGAAAAAGATTGA CACCAAAAAACCAAAGAAGGAAAAGGTTAAAAGGAAGGGGGGGGGGCCAA G G G G G G G G G GAAAAGGAACCCCAAAAAAAAAAAAGGGGGGAACCAAGGAA GGGGAAAACCGGAAAAAAAAAAGGAAAACCAAGGGGGGAAGGAAGGGGGG AA GAGGAAGGGGAAAACCAAAAGGGGGGGGCCAAGGGGAAAAGGAAGGG GAAGGAAGGAAGGAAGGAAAAGGAAAAGGAAGGGGAAGGGGCCGGGGAA AA G GAAAAGGGGAAAAAAAAGGGGAAAAGGGGAACCAAAAGGGGGGTTGG GGAACCAAAAAAAAGGGGCGCAGAAGAAGGCAAGGGAAAGGAGGGAGGGG CCAAGGGGAAAATTAGGAGGAAAAAGGACAGGCAAAAAAAGGAAGGAGAG AACCAAAAAAGAGGCCAAGGCCGAAGAGAAAACACCAGAGGGGGGGAAAA G GAAGAAAAAGGGGAGGACCGGAAGGAGAGGGAGGAAGAAAGAAACAGAA AGAAGGAAGGGGAAGGAAAATTAAAAAGAGGAAAGAGGAAAAAGAACAGA AAAGGGAAGGATAACCGGAGAGAACCCAGGGAGGAAAAGGGGGACACAAA CCAAGGGACAAAGAAAGGAGAAAGAACAGAGGCCGGAATAAGGAGGGAGG A GAA $\operatorname{A} G \mathrm{G}$ GAGAGGAAAGGAGAGGGGGAAAACCCCCCGGCAGGGAAGGGA A G GAA $\operatorname{l}$ GAAGGAAGGGAGAGGAGGGGGAGCCGAAAGGCCAGGAGGGGGG
 GGAAAAGGAAAAAAAACAGGAGGAAGGAAACCAGAAGAAAAAAACCCACC TTGGGGAAA GAAGGAACCAAGGAAGGGGAGGGAAGGAAAAGGAACCCAGG GGCCGATAGAAAGGGGCCAAAAGGAAAAAAAAGAAGGAAGAAAAAGGGAG AGCCGGGGGAAGGGCACCGAGGAAGGGGAAAAAAAAAAAAGGAAGAGGGA CAAGAAAAGGGAACGGGAGAGAAAACCCGGGAGGAAAGAAGAAAGGGGAA ACAGACGAAAGGAGGGAAGGGGAAAGGAGAGAAAGGAAGGAAAGAAAAAG AGGACCAGGAAGAGGAAGAAAGCAAAGGAGAAGAGAAGGGAGAGCAGGGG AGTAAACAGGCCAGGACGGGTTAGGGAAAAGAGGAAGGAGGGGGGGGGG GAAAAAAGGCCAAGGAGAGGGGGAGAGAGGGAAACAGGACAGGAAAGAGG AAACAGGCCAAAAAAGAGAAAAACCAAGAAAGAAAAAGGGGGGGGAGGGG GAGGGGCGGGGGGGGCAAGAAAACCTTAAGGAAGGAAAAACAGAGGAGGC AAAACAAGAGAGGAACCGAAAAGAAGGAGTTAAAAGGAAAAAAGGAAGGA AAAAAGGAAGGAGGGAAAAAAAAGGGGCCCCGGGGAAGGAAAAAGGGAGC GCAGAGGGGGGAGGAGAACGAAACCAGAGGAAGGGAGGACGACACAAGGA G G G CCCATAGGGGAAAAACGAGGAAGAAGGGGGATACAGGGAACCAATAG
 AA $\operatorname{A}$ GAAGGGGGGGGGGAGCCAAAACCAGGAGGAAAGGGAGAAGAAGGGA AAAGAGGACCCGGAGAAAGAAAAGAGGAAAAGGGAAAAGGACAAGAAGAG GAAAGGAACGGCCCCAGGGGGGGAGAGGAGGGGAAGGAAAGAAAAAGGG GAGGCCGGAAAAAGGGGGGGGAGGGGGGAAGGACAAGGAGAAAAAAAAA AGGAAAGAAGGGAGGAAAGCCGAGGAGGGGAAAACCCAAGGAGAAGGGGA CCCAGGGAAAAGGGGAAAAAGGAGAAAGGGGAAAGGACCGGAGGGACACA AACGCCCAAGGAAAAGGAAGGAAGAAAAAGGGGAAGGGGGGCCAAGAGGC AAGAGAACCCCAGGGAACCGGAAGGGGGAAAACGAACAAGGAAGAAAAGA G GAAGAGGAAGAAAGATCAGAGGAGAGGAAGCCGAGGGGCCGGAAGGCCA G G G G G G A A G A A A A G G G G G G G G A A G G G G G G G G A A A G ACGGCCAA G G G G G G AA G GAAAAAGGGGGAAGAGGGGAGAAAAGAGAAAAGAAGGGAAGGGAAAA GAAAGGAAAAAGGGGGAAAGAAAAAACCAGGAGAGGAAGGGGAAGACCGG AGGGAAGGAAAGAGACAAGAAAGGGGAAAGGGAGGGCCGGAAGGAAACCG A G AA G GAAAGGGAGGCGGCCAAGGAGGAGGAGAAAAAAGGGACCAAAGAA G G G GAAAAGGAACCAACCCAAAGGCAACGGAAAGGGAGCCCCGGCAAGGA G G C CAA G GAGAGGAGAAGGGGAGGGGAAGGGGAAAAAAGGAAGGAAGGG GAGACAAAGAGAAAGAGAGAAGGAAAGGGGGAGAGAAAAAAAAAGGAACA GAAGGGGAGGGCAGGACAGGGCAAAGAAAGGAAGAAAGGAAGGACGGGG AA G GAACCGGGGAAGGAAGGGGGGAAAAAAGGAAGGCCTTGGCCCCGGCC G GAAGGGGAAAAGGGGGGGGAAGGGGAACCGGGGAAAAGGAAGGAAAAG GGGAACCGGGGGGAAAAGGCCGGGGAAGGAAAAAAGGGGGGCCCCAAAG

GGGAACGAAAGGAAGGCCAAGGGAGAGGGAAGGGGAAGGGGGAAGGGGA AAAAGAACCAAAGGGGGGGAAGAGGGGCCCCAAAAAAAAATAGAGGACCA A G G G GAA G GAAAAAGGGGGAAAGAACCAGAAAAGGGGGCAGGGGGAAAAA A G GAACCAAGGGGAAAAGGTTGGTTAAGGAGGGAAGGAAGGGGAGAGGG AAAGGGAAAAGAGGAAGGAACCGGGGAACCGGGGGAGGAGAAAGAGAAAA GGAAGAGAAGGGGAGAAAGGAAGGGGGGAGGGGGGACAGACCGAGGTTA AACAAACGGAAGGGGGGAAAAAACCGGGGAAACAAGGAGGGGGGAAGAGA CAACCCCAAAAGGGGAGCCCCACAAGGCCCAAAGGGGGGGGGGAACCGGA AAAAAAAAGACCCGGAACAGAAGGAGGCCCCGAGAAAAGGACCAGAGAAA A GAA G G G G GAAAACCGGGGGAAAGGGGAAGGAGGACCGGCCTAGGAAGG AA $\operatorname{A}$ GGGGAGGGGGAAGGGCCGGGGGGGGAAAAGGAAAAGGAGGAAGAAG AAACAAGGGAAGGAAAAAGGGCCACAACCAAAAAAAAGGGGGAACGGAAG GGGGGAGGGCCCAAGGGGGGGAGAAGAAGAAGAGAAAGAGAGAAAAGAA AGCCAAGGGAAAGGGGGAGGCCCCAAAGCCAGGACAGGCCGGAACAAAGG GAAGCAGGAGAAAACAAGAGGGAGCCGAAAGGGGCCGAACCCCAGAAAAA AAAACCGGGAAAACGAAGACAGAGCAAGTTAGGGAGGGAGGAGGGAAGGA AAGGAACCAAAAGAGAACACCCAAAGGGGGGGGGCCAAGACCAAGGGAAA G G G G G GAAAAGGGGATGGGGAGAAAAAAGAAAACAAGAACAGCAAAAAGG G G G G G G A GAA G GAAAACCGAGGCAAACCAAAAGAGGGGACCCCCAGAAGA GAGAGAACAAGAGGAACCAGAAGAAGAAGGAGAGGAAAACAGAGAGGGGG GGACTAAGAGAGGAGGGGCCGAGGAAGGAAAAGGAAGGAAGGAGGGGGC C G GAAA $\operatorname{l}$ GGGGAGGGAAGGGGAAAGGGGGGGAAAGAAGGCCCCGGAAGG AAAAGGAAGGAAGGGGAAGGCCAGAAAGGAGAGGGAACAAGAGAGGGAG GAAGGAAGGCAGGGGAAGGCCGAAAAGAAAATACCGGCAGAAGCCATAGA AA GCCGGGGTAAAAACAGGGAGGAGGAGAAACAAAGGAAAACCAAAACCG GGGAAAACCGGAAAAGAGGAAGGGGAAAGGGAAAAGGGGAAAAGGGGGG G GAAAAAAAGTTGGGGAAGAAGCGGGAGGAGAGGAAGGAAGGAAAAGGAA CCAAGGAAGGGCACAACCAGAGAAGAAAGGCAAAAAGGTTCCGACCCCGA GGGGGGCCACAGGAAGGACCAGCAAAGGAAGGAAAGGAGGAAGGAGGGC CAGAGAGGGGGGGGGAGAGGAGGAACCAAAAGGGAAGAAGGAGGAAACC AAAAGGCGGGGAGGGACCGGGGCCTTGGGAAACCGGAAAGGGAGAAGGA AAAGGAAAGAAAAGGCCGGGGGGAAAAAAGGAAGGAAAAAGACGGAGGGA GAGGAGAACACGAAGAACCGGCAAGAAGGAAGGGACAAAAAAAAAGGGGG AAGGAACGGAAGGGGAAGGACGGAAAAAAGAGGCCAAGAGGCCCAAGGGA GAAGGCAGGGGGGGAAGGGCCAGAAAAGGAAGAGAAAAGAAAAAGAAGGG
 G G G AA GCAGAGAGAAGGGGGGAAGGAGGGGGGCCAAAACCGACAAGAAAA G G A A G A GA G G G G G GAA G GAAGGAGACGAGGGGACGAACCCAACCAGACG GACGAGAAAGGAGGGAGGGAAGGAAGGACAAAAACGGGGGGGGACGAAT AGGACCAGGGAGAAACGGGAAGGGGAGGAAAGCCACACCAAGAGACACCC G G AC GAAAGGGCGGGAAGGGGGGAAACAGGGGGAAGAGAAGGGAGGGGA AAAGGAAAAGACCGGAAGGAAAGGAAAGGGGGGAAGGGGCCGGGGAAAAA AAAGAAAAAAAGGAAAAAGAAGGGGGGCAGGAAGGCCAACCGGGGGGAAA AAAGGGGGGCGGAGGGGAAGGAAAGAAGGCCAAGGAGAGAGGGAGCAAA GGGGAAAAAAGGCCCCAGAAAAGGAAAAGGGGAACCGGAAGGAAAAGGAA GGAAAAGAAAAGAAAAAAAAAGAAAAAGGGAGTTCGGGAACAAAAAGGAC AAAAGACCAAGAAAAAAAGAGAGGCCAGGGCCGGAAAAGACAAAGAAGCG AAGAGGAAACAGGACCGGGAAGGACGATAGAGGAGGCAGGGGAAAGAAGG A G G GAA $\operatorname{A} A \mathrm{G}$ GAAGGAAAGGAGGGGGGGGAGCCTAGAATGAAAAAAGCCAG GGAGAACCGGGACCAAGAGGTTAAAAAGGAAAAAAATTGGAAGACCAGGG G G AAAAGGGGCAAAGAGGGAAAAAAGAAGGGGGAGGGGGGAAGACAGGA ACCAAAAAGGAAAGGGGGGAAGGATGGCGGGAAGGAGGAAGGGAACCGG CCGGGAAGAAGGAAAAGGAGGGACAGGGGAAGGGAAGGCCAAAGCCGAAA AA $\operatorname{l}$ GAGAGGGAAAGGGGGCGCAGGAAGGGAGGAAGAGGGGGAGAGGAGA G G G GAAA G GAAGGAAAAGGAAGGGGGGGGAGAACCGGAAGGGGAAAGAA G G G G G G GAGGCCAAAAGGAAAAGGAAGGGGGGAAAACAGGAAAAGGAAA GCCGGGGGGAGACGGAAAAAGAGGGACGGAAAAGGGGAGAAAACAGATTA AGAAAGAAGAGAGAAAAGGCCGAAAAAGGAAAACCGAGAAAAAGGCCAAA AGGAACCAAAGAGAAAAGGAGAGGAGGAAGGGGAAAACCAAAAAAGGAAA GAAGGGGGGAAAAAAAGGGGGAGACAAAAGGAGAGAGGGGGAAAAGGAA AGGGAACAGGGCAAGGAGGGCCGGAAAACCGGGAAAAGAAGGAAGGGAG

G G G G G G GCCGAGAGCGGAAAACCGAGAGACAACGGGAAAAAAAGGCCAAT TGGGGAGGAAGCCGGAAGGGAACAAGGGGAAGGGGCCAACCAAGGAGGA AAAAGGGAGGAACGGGGGAAGAACGGAAAGGAGAGGAACCAAACAGAAAA GAGAGGGGAAGAAAAGGGAAAAGGAAAACCGGAACCAAGGAAGGGGACGA AAGGAAAAAAAGAAGGAAGGAAGAAGGGGAGGGGGGGGAAGAAGGAAGA A G A A G A G TA $\operatorname{l}$ GGGAAGGAAGGGGGAAAAAGGGAGGCAAGGGGGAGGGGA GGAAAAGGGAGGGAAGGGGGAAAAGGAAAAAAAAAGGAGGGGAAGGGAG GAA $\operatorname{A}$ GAGGGGGGAGAGGGGGCAAGGGGGGGGGGAGGGGACAGAAGGGGA G G G G G G A A G G CCGGCAGGGGGAAGGGAGCAGGGGAAAAAGTTAAGGCCA G GAAAAAGGGGGGGGAAAAGGGGAAAACCAGAAGGAAGGAGAAGGACGG A GAGGGGGCCAGAGGGGGAGGGGGAGGGGAAAGGAAAAAAAACCAAAGA
 GGCCAGGAAGGAGAGGGAGGAGAACCGAGGGAACAAGGCCACGGAAGGA GAACCGGAAAAAGGGGGGGAGGGGGGGAAGGGAAGGAACGGGGGGGGGA G GTAAAGGGAAGGACCGGGGAAAAGGAGAGGGAAAGAAAAAAAAAGGGGG GGAGAAGGCCAAAAAAAAGGAAGACCGGCCAAAAGGAAAGGAGGCAGAGA AGAAAGAAAGGGGAGGAGGGGGAAGAAAGGAGGGCCAGGGAAAAAAAACC AA GAAAGGACCCGGAAGGTTAAACGGAAAGGGGGAAGAAGCCAAAGCCGG AAAAGGGGCCAAAGGAAGGGAGAAGAGAGAAGAGAAAAAAGGCCAAGAGG AGGGAAAGGGAGAACCGGGGAAAGAAGGGGAAAAGAGGGGGGAAGGCGA CAAAAAAAAAAGGACAAACTTGGGGAACCCCAAGGAGAGCAGGAAGGAGA A GAGGGGAGCCCCAGGGAAGGAAGGAAGAAGGAGAAAAAAAACAAAAGAA AAA $\operatorname{l}$ GCACCGGCAGGGGGGAGGAGGCAAAGAAGGAGGAAGGAGAATAGG AAAACAGGGGAAAAAACCCGCCAGAAGGACAAGGCCGGGAAACCGGGAAA AA G G AA G GAGGGGAGGAAGGAGGGAACAGGAAAAAAGGGGCCCCGGCCA GATGAGGAAGAAAACGGAAAAGCAAGAGGCCGGAGGCAGAAAAAGGAAGG GAAGAGGGGGGGGGGAGAAAAGGGGACAACCGGACAAGGAAAGGGGGGG AA G GAAGGCCAAGGGGGGCCTTCCGGACAAAGAGAGGGGAAGAAGGGGG GAGGGCAGAGGGCCAGGAAAAACGGGGGGAGCAGAGAAGGGGAGGCAGG AAAAAAAGCCAAGAAGGGGGAAAAAACCAAAAAAAGCCAAAGAAGACCGA CAGGAGAAAACCACAAGGAGAGGAGGAGAGAGAGCCGGAAGGGGAAAAGG AAAGGGAAAAACGAAGGAAACCAAGGAAAAAAGGAAAACCGGGGGGCCAA GGGAGAAAGGACGGCCGGGGGGCCAGAAAGAAACGAAAGGAAGACCACAA AGGCAACAAAAAGAGACGAAAAAAGGAACCGGAAAAGAGAGGAGAACAGG G GAGGAGAACGCAAAAGACAAAAAGGGAAAGAACAGGGGGAAGGGGAAAA G GCCGAAGGGTAACGGAAAAGGCAGGGGGAAGAAAGGAAGAAGGGGGGC GGAAACAAATTGCGGAAAAGGGGAAGGCCAAAAAAAGGAAGAGGGAGGGC CGGGGAAGAAGACGAAAGGCCGGGGCCAGAGAACAAAGAAAAGGGAAGGA ATTGGGGAACCAATTAGGAACGAAAGGGGAAGAGGGGGAGGCAGGGGAG GGAAGGAAGGAAAACCGGGGAAGAGGGAGAAGAAGGGAACAGACAAGAGG GGCCAGGGGGGAAGGAGAGGAGACGAGGGGCCAAAAAAAAAGAGGGGGA GCCAACAGACACCAGAACGAAGAAGAAGGAAAGAGAGAAGGAGAGAGGAA ACACCAAGGCAGGAAGAACACGAGAGAGAGAGGGGAAGAACAGGAAAAAG GAAAAGGCCCCAAGGGAGAAGAAGGAGGAGAAAACAAAGGGGAGAAGACA AGGGGGGGGCCAGGCGCACAAACAGACGGCCGGAAAAAAACAAGGAAACG GGGGGAAAAGGGGCACAGGGGAGGGAGAGAGAAAAAAAAGGCCAAGAAAC CGAAAAAAAAAAAGGGGACGGGGACCCCCAAGGGGAAAAGGGGGGGGGGA AAGAGAAGGAAACGGAGCCCGAAAGGAAGGGAGAAGGAAGGAGAAAGAAG AAAGGGAAGAGAGGGAACAGGAGGGAGGGCAAAAGGGAAAAGAAAAAGGG GGGAAAGAAAAAAAAGGAACCGAGGAAGGAGGGCCGAGACCAGGAGAGGA AAAAAGAAAGACAAAAAAGCAACCCGAGGGAAAGGAAAAAAGGAAGGGAG GGAAAGAGGAAAAAACCGCGGAAAGCCAGGAGGGAGGGGAAGAAAGAAAA A G GAGGAGGAAAGGGAGAAAAAAAAGGAGGAGGGGCAACCCGGGGGAAC G GAA G G G G G G GAAAAGGGAGAGGGCCTTGGAAGGAAAGAAAAGACAGACC AGGGAAGAGAAAAAAGGGGAGGGAAAAAGGAAAAAGCCAAAGAACAGGAA CCAAGGAGAAGAGGAGGGAAAACCGGCCGGGGAGAAAAAAAACCCCGGGG G GA $\operatorname{GAAA} \operatorname{Ag} \operatorname{GAAA} \operatorname{Ag} \operatorname{AGACGCCACGGGGCCGGAAAAGACCAACCAGGAGG}$ GAAGAGAAAACCGGGGGGCCGAAAAAAGAGGAAGAAGAGGAGGGAGCAGA GGGGGGAGACAAGGCCGAAAAAGGAAAAAGAAAAGGAAAGAAAAAAAAGG GGGGCCGGAGAGGAGGGATAAAAAAAGGAACCGGGGAAAGGGAAGAAAG GAAAGAGCCAAAAGGCCGGGGGAGAAGGGAAGAGGAAAACCAAAGAGAAA

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GGCCAGGGGGAAAGAAAGCCAAGGGGAAGGCCGGAAGGAAGGGGGAGAC ACAGGCAGAGGAAGAAGACGGACGGGGAAGGAGAGAGAGGGAAGGGAAA GGGGAACAACGGAGAAGAAGGGACCAGGAACCGCGAAGAAGGGAAGGGG GCACCGGAAAGGGAGAAGGGGAGCAAGGGGAAAGGACGGGGGGGGCCAG AGGAAGGGGGGGACGGGAAAGGGGCCAAGGAGGAAGAAAAAAAAGAAGG G G G GAA G G GAA G GAGGGGGGGAAGAGACAAAAGGAGGCCCCCCGGGGAA AAAGGGGGAAAAAAGGGGGGGGGGAACCAAAAAAAAGGAAAGGGCAGGAA AGGGAGAGGAGGAAGGGGGAAGCCAAGAAAAATAGGAGAAAAAAGGGGG G G G AAAAAGGGGAGAAAAAGGGGAGAAGAGGGGAAAAGGAGGGAAAAGA CCAAGGAACCAAAGGGGGAGAGGCAGAGAAGGGGGGGGGGGGAAGAGGG GAAGACCGGAGAAAAGGGGGGAAAAGGGGAAGAGGGAAAAGGAGGAAGC AGGGGAGGAAGGGGAAGGAAAGAAAGAGCCCCCGAGAGAGAGCCGACCAG GAAGGAGAATGGAAGGGGGGAAAAGGGAAACCGGAGACAAGAGGAAAAGC AAAAAGGGGAGGCAGAGAAGCCAGAGGGCCGGAAAAGGGGAAAAAAGGGG CCAA G G G G G G G GCCGGGGGGGGGGGGAAAACCAAGGAAGGAAAAGGAAA AGGAAAAAACCAAAAGGGGCCGGGGAAAAAAAACCAAGGGAGAGGACGGC CAAAGAACAACGGGGAGGAGGGAAAGGAGAAGGACAAAACCAAGGGGGGG AAAAACAAGGAAAAAAAGGCCCCCCAACCAAAGAAGGGAAAAAGGGGGGC CCCCCGAAGAAAGGAAGAAGCGGAAAACCGAGGGGAGCCAAGGAAAGCCG GAAACGGGGGGAAGGGGGGAGGGCCGGGAAGAAACAAAGACGGGGGGCC G G G GAACAAGGGGGAGAGGGGAAGAAAAAGCCAGAAGGACGGAGCCGGA AACGAGGAAAACACCAGGGAGGACCGAAAAGGAGGAGAGGAAGAAGGAAG GCCGAGGAGAGAGGGAAGAAGCCGAGGGAGGAAGAGAAGGGGAGGGGAA CCAAGGGGCCAAGGAAGGAAGGAAAAAAAGAAAAAAAAAAACGGCCGGAG GAAAAAAAAAAGGGAAGGAATAAAAAAAGGGGAAGGAGGAAAGGAAAGGG ACAAAAAGGGGGGGGGAAACCAGAGGCAGGAAGGAAAGACAAGGGAGACA GAGAAAGAGAAGGAGAAGCCGGAAGGAAAAAAAGAGGGGAAGGGCCGGAG AGAAGAGAAAGAGGGGAAAAAAAAAAGGGGAAAGAGAAAAGGCCGGAAAG AAAA $A$ GGGGGGGGGAGGAGGAGGGGAGGAGCAAGAGGGAAGGGGCCACC C GAGGGAGGGGGAACGGGGAGAGGGGAGAAGCAAAAAAGAGGAAAAGAA GGAAGGGGAAAAGGGAAGAGAACAGAAGGGAACCAAGACAAAGAAAGGGG AAGGAAAAAAGGAACAAGGGGGAGGAAAAGGAGGGAAGGGGACCAGGAAA AA G G G GAA GGAAGGGAAAAGAGGGAAAGGAAAAAACGAGAGGGGGGCCG G G G AA G G G GAAAAGGGGGACAAGAACCAGGGAAAGGGCAGGAGAAGAGG AAGAGACCAAAAAAGAAGAGAGAGGGCAAGGAGAAGAGAAAAAGAAGGAG GGAGAGACCAGGGAGGAGGGGGACAGAGAAAAGGAAGAGAGGGAAGACG AGGAAGGAGAAAGAAGGGGCCAGGAGGGGAAAAGAAAAGGGAGAACCAAG AGAACAGGACCGGCCGGCCAGGAAGCAGAGAGAAAGGAGGAACAAAGAGA AGACAACGGAGCCAGGAAAAAAGACGGAAAGAGAAGGGGGAACAGGGGGG G G G AACCAGAGGGGACCCCCGGGAGAAACGGAGAAAAGAAAAAGGCCGAA ACAGGAAGGGGGGAAAAAAAAGGAAGGAAGGAAGGGGAAGGAAGGCCAAG GGGGGAACCAAGGAAGGAAGGAAAAGGAAAAAAGGGGAAAAAAAACCAAA AAAAAAAGGGGTTGGGGGAAGAAAAAAGGGGAAAGCAGACCCCCCCCGGA AAAGGCAGAGGAGAGGAAAAAGAAAAAAAAAGGAGAGGGAAGGGGAAAAG GGGGGGAAAGGAGGGAGGGAGGGAAAGGAAAGGGGAGGGAGAGAAAAAA AAAAAAGAGGAAGAGGGGAAGGAAGGCCAGAAAAGGCCGGAAAAGGGGAA CCAACCGGGGAAGGGAGAGAGAGGAAGGAAAATTGGGGAGGGAGGAGGG GAAAGGGAAAAAAGGAAAACCGAAGAGGGAAAGGACCAACCAAAGGGAAA AGGCAGGGGACGGAGAAAAAGAAAAGGGGAAGGACGGAGGAACGGGGAG AGACAGAAGAAAAGAAAACCGGAACCACAGAAACAAGGGAAAGGAAGGTT A GAA G G G GAA $\operatorname{A} A A A G G A A A A G G G A A G A G A A G G A A G G G G G G G G A A C C G G A$ A G GAA $A$ AGAAGAGGGAAGGAAAAGGGGAAGGGGAAAAGGGGAAGGGGGG G G AAAAGGGGAAAAAACCAACCGGGGGGAAGGAACCAATTAAAAAAGGGG AACCAAAAGGGGGGAACCAAAAGGGGAAGGGGGGGGGGGGGGCCAAAAG GCCAAGGAAAAGGAAAAAAGGAACCAAGGAAAAGGCAGGAAGAGAAAAAG GGAGGCAAACCCCACGCCAACGAAAGGGGGGGAAAAAAAAGGGAAGGAGA CGGAAGAGGTAACAGAAGGCCAAGGGGAACCCCGGAGAGCAGAAGAGGGT TAGGGAAAGAAAAGGGGCCCCAGGGAAGGAAAAGAAAGGCCAAGGGGAAG GAGGGGGAACCGGGGAAGGCCAAAAAAAAGGAAGGAAGGGGCCGGGGAA GGAAGGAAGGGGAAAAGAAGAGAGAAAGGAAGAAGAACAAAAAAGAACGG GGAGAGGGGGTAAGACAGAAAGGAAGAGAGAAAAGGAAGGGGGGAAAAG

GGGGGAAAAGAGGAAACAAGGGGGGAAAAGGGAAGCAGGGAAAAAGAGG GAAAGCGGAAGGAAAAAGGGAAAAGGAAAAAAAAGGGGAAAGAACAACGG GGGGGGGGGGGAAAAGAAGGGGAAAAGGGGAAGAAGAGAGGGGGCCAGA AA $\operatorname{A} G \mathrm{G}$ GAGGGGAAGGAAGGAGAAGGAGGGAGAACCGAGAGAGAAGAGAA G GAGGAGAGGAGGGAAAATAGATTGGAGAGACAAGGAGAGGGAACCACAG AGGGAAGAGAGGAAGGAAGGAAAGAGGAAGACGGAAGGAGAGGAAAGGG GCCCCGGGGCCCCAACCAAACAAGGGAGGAAAAAAAAAAAGCCAGCAAAA AAAGGGAAAAGAAAAAACCCCGGAAAAAAAAAAAAAAAAAAAAGGGGGGG GTTGGGGAAAGGAAAAAAGGGGGAGAAAAAAGAAACCAAGGGGAAAAAGG GAAAGGAGGGGCCAAGGGGAAAAGGAAAACCAAAGGGAACCAAAAAAAAG GAAAAGGGGAAAGAGAAGGAGGGGGAACAAAAAAGGGAAACCCGGAACCA AGGAAAAGGAAGGGGAAGGGGAAGGCCAACCGGAAAAAACCGGAAGGAAG GGGAACCAAGGAAAAGGAAGGAAAAGGGGCCGGTTGGGGAAGGGGGGAA AA G G G G G GTTGGAAAAAAAAAGCAAAGAGCGGAAGGGGAGGAGGAAGGG GGGGGTTAAAGGAAAAGGGAACGGGGGGGGGAAAAAAGGAGAGCCGGAG GAAAGAGGATAGAGAGCCAGGCAGCAAGGGAGAAGGCCGGCCAAAAAAAA G G A G A A A A G G G G G G G A G G G G G A G A GAA G G G G ACAAAA G G GA G G G G GAA GGACAGAGGAAGAGGAAGGAAGGGAAGGGAGAGGAAGAGGGCCGGAGAA AACAAAGGGAAAGAGACCAGGAAAGGGGAAAAGGCAGAGAAACCAAGGGG GGGGAACCGGAGCAGGGGAAAAGAAGGAAAGGAAAAGGGGAGAGAAGAAA AAAGAAAAAATTAGGGGGGGGGAGGAAAGAAGGAGGTTCCGGAAAAGGGA ACAGAACCGGAAAAAAGAAGGGAACCGGAAGGAAGGAAGGAAGGAAAAGG AA G GAAGGAAAAAAGGAAAAAAGGAAGGAAAAAAAAAAAAGGAAGGGGAA AAAAAAGGAACCAAAAAAGGGGGGGGGGCCGGAAGGGGAAGGTTGGGGG GAAGGGGCCGGGGCCGGGGGGGGAAAAGGGGGGAAGGCCAAGGAAAACC G G G G G G A A A A G G G GAAGGAAAAGGGGAAAAGGGGGGAATTGGAACCAAA ACCAAAAAAGGAGAGAAGGAACCGGGGGGAAAAAAAAGGAAAAGGAAGGC CGGAAGGGGAACCGGCCAAGGCCGGCCCCGGGGGGGGGGGGAAAACCGG GGGGAAGGGGAAGGCCGGGGGGAAAAAGAGAAAACCAAGCTACCGAAAGA GAGGCCAAGGGAGGGGGAGGGACCAACCAGAGAAGGCCACCAGAGGGAAA CCAGGGGAGGAGGGCCAGACAAAAGGCCGGAAGGACAAAAGAAGAAGGGG GGAGGACCAACCAAAGAAAAAAAAAAAAAAAACCAAGGGAGAAGGGCCAC A G G GCCCAAAGGAAGGGGGGAACAAACCGGAAGGGGGGGGGGAAGGGAA ACCAA G G G G G G G GAGAAGGAAGAGAAAAAAAAGAGGGAAGAAACCGAAGG AGAAAAACAGGTACAGGAACCGGAAGGAAGGGACGCAGAGGGAGAAAAAA AAAAAAAGGGACAATCAAGGAAAGAAAAAAGGAGGAAGAAAAAGGGGAAA AGGGGAAAAGGGGAAGGAAAACCAGGCAAACACGAAGGGAAAAGGGGAAA TGGGGAAAAAAGGGGCCCAAGGGGGAGCAACGAGAGAGAGACCAAAACAA G G GAAAAAGGACACGAAGGGGGGGGGGAACCAAGGAAACGAAACCACAAA G GAAAAGGGGACAGAAGGGGAAGAAAAAAAAGGCCGCAAAAAAACGAGGG G G G G G G ACCGGGGGGCAGGAGAAGAAGGAGAAGAAAACCGAACAAAGGG GGAAGGCCAAAGGGAAGCGGAAGAGAAAGGAAGGAGAACCGGAATACCGG ACGAAGAGAGGAGGACAGGGAAAAGGAACCAGGAAGGGAAAAGGAGAAAG GAAAGAGGAAGGCCCCAAGGGGAAAAGGGGGGAACCAAAAAATAAGAAAA GGCCAGACAAGAAGGGAAAAGACAGAAGAAGGGGCCCCAGAAGGAGGGAG AGAAAAGAGGGGAAGGCCAGGGAGAAGGGGGGGAGGAGGAGACCAAAGA GGAGAGAAAACGGCAGGGGGGCCAGAGGAGAAAGAAGAGAGGGGAAAAA GGAGCCGGGGAAAAAAGGAAAACCAAGGGGGGAAAGGAAGGGGAGGAAG G G G G G GAA GAAAGAAAGCCCCGAGAAAGGAAGGCCCCGGGGACAGAAAAG AGAGGGAAACCAACCGACGCAGAAGAAAAGGGAAGAAAACCGGCCGACCA G GAAAGAAAGGAAGACAGAACAGGGATGGGGAAGGCCGGGGGAGGCAAAA AAACAGGGGGGGAGGCCGAGAGGAGAGCACCGGACGGGGAAGGAAAGGA AAAGGAAGAAGAGGACAGAGAGACGAGGAAGGCCAAGGAGCCGGGGAAAG AGGAAAGAAAAAGGGGCCAAGGGGGACCAGAGGAAAGGAGAGGGGGAACC G G G GAA G GAAACACAAAACAGAGGGGACGGGGAACCGGAGAAAGGCGGG G G G A A G A GAGGGGGGAGGGGGAAGGAAGAAGAGAGGGACACAAGGAAGG AACCAAAAAAAACAGGCCGGTTGACCAGAAGAACACGACCGGAAGGAACC GGAGCGAGAAGAGGAGACAGAGGAGAAGGAAAAGGGACAGGAAGAGAGAA CAAGGGGAGGGAGGACAGAAGGAAAAGGGGAAGACCGAAGAGCAGAGGAA AAGAAGAAAAGACAGGGAGGAGGGGGAGAAAAGGGGAAAAGGGGAAAAAA GGAGGAGAGGAAGGGGGAGAGGAAGACAGGAAGGAAGGCCCCAAAAGAG

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G G G G G A G A AA GACCAACCAAGGAAGGGGAAGGAAAAAAGAAGAAAAGAAG AA G G GAGGGAAGGGAACCGGGGCGAAGGAAAAAGAGGAGACCGGGGAAC CGGGGAAAACCGGAAAAGGAAGGGGGGGAGAAGAAAAAAAAGGCCAAAGG AGGAAGGAACCGGGGAAGGGAGGAAGGAAGGAAAGAGGAGGGGGGAAAA G GAGGAAGGAAGGAGGGGAGGGAAAACAAGAAGGAAAGAAAGAAGACCGG G G G GAAA GAGGAACAAGGAGAAAGAAAGAAGAGAGGCCGGAAGAAACGGG AA G G AA G GAAGGCCAAACACGAAAGGGGGGGAAAAAGGGAGGAGAAAAGG AA $\operatorname{l}$ GGGGGAAGGGGGGAAGAAGAAGGCCGGAGGAGGGGAAGGGGAAAGG GAAAAGGAGAGGGGGGGGGTTAAGGCCCCGGCCAAAAAGCCGAGAAGGAG
 AA $\operatorname{A}$ GGGCCGGCCGGGGAGGGAAGGGGAAGGAACAGGGAAGGACAAAGGG GGAGAAGAGGAGGGGCCAAAAAGAGAGCCGGAGAAAGCCGGACCCGGAGA GGGAGAGAGAGAAAAAAGGAAGGAAGGGGCGGAAGGGCGAAAGAACCGG AAAAGGAAAGGATTAAAAGAGGGGGGGGAGAGAGGAGGGAGGAACCAAG GGGAAAGGGAAGGAGCAGAATCCAAAGGGGAACGACCTAAGGGAAAGGGA CGAGACCAAAAACCCGGAGCAGGAAAGGGAAAAGGCCAGAGAAAGGAGGG GAACCAGAAAAGGGGGGGGAAAGGGAGAGGGAAAAGAAAAGCCAAGGCAA AGGGGAAAGAAGGGGGGTACGCCAAGGGGAGGGGGACCCCCCCAAAGAGC AGGAAAGACGAAAAAAGGGATAGAGGAGGGGAAAACCAGCCAAAAACAGC AC GAGGGGGGGGGAAAGGAGGGGAGAGGGAGCCCCGGAACAAAAGGGGG AACCCAGGAGGGGAAGCCGGGAAGAGCCGGAGAAGAACGACCGACCAGGG GAGCGAGGCCAGGGAAAAGGGGGGAAGAGGGAAAGGGGAAGGGGAAACA AAAAAAAGGGGAACCAAAAGGAAAAAGGAGAGGTTACAGGGACCCAGAAG GGGAAAAGGGGGGACGAGAAAAAAAAAAGGGGAGGGAGGGAAAAAGGGG AGGGGGAAAAAAAAAAAAGGGGGAAGGAAAAAGGACGGGGGGGGAAGGG G G G A G G G A A G G AAAAGAGGAAAAAGAAAAAAGGAGAAAAAGGAAGGGACC CAAGGGGACCAAAAAGAACAGGGGGGAAAAAGGGGGGCAAAAGCAGGAAG GGAGGAGGGGAGACCGGGGAACAGGGGCCAAAAGGAAAGAAAGAAACAAA GGGAAACGGAAGGGGAGGGAGAAGAGGGAAACGCCAAAGGGAACAGAAGA GAAGAGGGGGGAGAAGAACGGAACAAAAAGGTTGAGAGAAGGGGGCCCCA GCAAAAAAGAAAAGAAAAAAGGGGGGGAAGGAAAAAAAAGAAAAGAAAAG ACCAAAAGGCCAAGAAAGAGGCCCAAAGGGGAGAGCGAGGAAACCGGAAG GAAAAAAGACCAAAGGAAAAGGAAGGGCCGGGAGGGAGAGGAGGAGGAG GAACGAGGCCGAGGGGAGAAAAAGCAAAGGAGAAAAGGCCGGAAGGACAA GAAGAAGAGAAAAGGACCGGGAAGAAGGAAAGCCAAGGCCACAGAAAAGG GAGAAGAACAAAGAACGGGGCCAGAAAAAGGAGGGAAGAGAAGGGGAGCA ACGAAGGGAAGGAAAGAGAAGGACAAGGAAAACCGGAGCCAAGGCCGGCC AAA $A$ A GAGGGAAAAAAGGAAGAAAGGGGGGCAGACCGGGGAAGGAGAGAA AGAGAGAAGGGGAACCAAGGGGGGAAGGGGAGAGGAAGGGAGCAAAAAG GAAGAAAGGGGAAGACAGGAAGAAAAGGGGGAGGAAAGGGGAAGGAAAG AGGGAAAAGGGGGGAAGAGATAAGACGGAAAAAAAAAGAAGAAGGGGAGA AGGGCCGGGGGAGGACGGGGAAAAGGCCAAAAGGAAGGAAGGAAAAGGG GAAGGAAAAGAGAAGAAAAGGGGAAGGAACCGGAGCAGAGGAAAAAGGGG GAAAGGAGGGGGGAACAGAGGGGAGCCAAAAACAGAAGGAAGGAAGAAGA GACGAAAAGAGGAGAGGAGAACCAAGGGGGAGGGGGGAGAGCAGAAGCC AAAGGGGGGGAAGGAAGGGAAAGGGGGGAAGAAAGGGGACAGCCGAAGA GGAAGAAGGAAAACCAACCGAGGGGCCAAAAAGAAAGGGGGTTGGGGCCA AAAACGGAGAAAAGGGGAAAGAAAGAGGAGACCGGGGAAGGGGGAACGAG G GAGGCAGAGGAAAAGGGGAAAGAGAGAGGAAAATGGAAAAGGAAGATTG G G G G G G G A A A G A A A GCCGGGGAGGGAGGGGGGGGGGACAGAAGGGCCGG TTCCAAGGAGCCAAGGACAGGGGAGGGGAAAGAGAAAAGAGAGAGAAGGA AAAGAAGGCCAAGGAAAAGGGGGGATAAAAAAAAAGAAGGGGAGGGAAAA A GAGGGGAAAGAAACCGGGGCCGGGGAAGACCGGAGAAAAAAGGAGGAG GAAACGGACGGCACAGAAAGGGAGAGAGGGAGGAGGAGGGGGGAAAAGG G G G GAA G G G G G G G GAACGGGAAGGAAAATTCAAGGGGGGACCGGAAAAA
 AA $\operatorname{l}$ GACCGGCCGGGAGGGGAGGGAGAGAAAAAGGGGGAGGAGGAAGGGA GACCACAGGAGGGGGGGGAAAAGGAACCAAATAGGGAGGGCCGGAAGGCC AGGGAAGGGGGGGGAGGGCAGAAAGAAGAGAGAGAAAGAAAGGGAAGGA GGCAGAGAAAAGACCGGAAAAGGAAGGAAAAAAGAGAAGAAGGGAGGGGA AACACAAGGAGAGGACAGGGGGGGACAGGGGGGAGGGAAAGCCAGGAGA

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G GAAGGGGACCGAAGGGGAGGGAGGAAAGGGGAAAAAAAAAGGGGAACC CCCGAGGGAAAAAGGGAGAAGGCAAGGGGAGGCGAAAGCCGGGGCACCCA CCGGGGGAGGGGAAGGAACCGGGGCAAGAAACGAAGATAAGGGGAAAAGA AA $\operatorname{A}$ GCCGGGGGGAAGGGGAAGGAACCAGAGCCGGAGAGGAGGAAAAGGA ACCGGGGAAAAGAAAGAAAAAAACAGGAGGGGGGGAACAGAAGAAACAGA AAAAGGGACGGAGCCGAAAGGGGCCAAAACCGGAAGGGGCCCCGGAACCA AAAGGAAGGGGAAGGATCCGGGGGAAACAAAGAGGTAGGAGAAGAGAGCA AA $\operatorname{GAGGACAGGCCGGGGAGAAGAGGGGAACCAACCAGAGGAGGGGGGAA}$ GGGACCACGGAGAAGGAAGGAAAAAAAAAGGAAGCAAGGAGGAGGCCAAG GAAGGGAGAGCCGGGGGGAAAGCCAAAAGGAAAACCAAAACCGGGGGGAA AACCAAAAAACCCCGGAACCAAGGAAGGGGCCAAAAAAGGAAAAGGGGGG CCGGAACAGGAAAAGGCCGGCCGGAAGGGGAGAAGGAAAAAAGGAAAAAA G G G GAAAAGGAAGGGGGGAAAAAAAAAAAAAAGGAAAAAAAAAAAAAAAA CCGGGGGGGGAAAAAAAAGGAAGGAAGGGGGGGGAAGGCCGGAAAAAAG GAGAGACACAGGAAAGGGGAACCAGAAAGCCAAGGGAACAGGGAAAGGGA AGAGGGGAGAGAAAAGGAAGACCAAGGGACCGGGAGGCCCCGGGAACGAA GCAAAAGACAGCCGAGGAAGGGGACAAGAGAGGGAAGACAAGGAGAGAAA AAAAGAGGGGGAAGGCCGGCAAAAAGGAAAAGGAAGGAAAAAGAAAGAGA CAAGGGGACGAGGCACAGGAAAACCACATACCCCCAAAAAAAAGGAAGGG GAA G G G GAAAAGGGGCAAGAAAAGGAGGGCCAAGGGGAGAAGGACGAGG AAAACCAAGGAAAGGGCCGACAAAGAGGAAAAAAGGAAAATTAAAGGGGG AAGAGAGGAAAAGGAACAAGAAAAAAGGAGACAAAAGGCACCGGGGAAAA G G AAAAAGGGAGAAGAGAAAAAAAAAAAGGAGGGCCGGGGGGAAGGGGAC AGAGAAAGACAGAACCAACCAAAAAGAGAAAGGGGGAAAAAAAGGAGGCC G G G G G G A C CA $\operatorname{l}$ GGAGGGAGGGGAAGGGCGGGAAGGGGGGGAAAAAGGGA AAAGAACGAGAGGCCGGAGGGAGGGGGAAGGAGCAAGTTAGAAAAAGAAA AAGGAGAAGAGAACCAGAGGGGGAAGAGGAAAACCAGAGAAAGGGACAAG GAAAAGACACAGGGGAGGAAGTAAAGAAGAAAAAAAAAACCAAAGGAGAG AAGGAAAAGGAAGGGGAAGAAAAAGAACCAAGGAGAGCAGGAACAGGAAG GAAAACGAAGGGGAGGGAAGGAACCGGCCAAGGAAAAAAAAGAGGGGGGC CCCAAGGAAAAGGGGGGCCAGGGGGAGGGGGGGGGAAAAAAAAGGAACC AAGGGGGAGCAGAGAGGCGGAAAAAAGGAAGGAAAGACAAGGGAGGTTAA AACCCCGGGGGGGGAAGGAACCGAGAAACCAAGGTTAGGAGAGAGGAAAA A G G GA $\ln A \operatorname{A} G \mathrm{G}$ GAGCAAGGGGAAAGAGAGAGGAGGTTCACGGGGGAGAAA AA $\operatorname{l}$ GGCCGGAGAGAAGGAGGAAGGGACGAAAGAGGGGGGGGAAAGAGGG AA $\operatorname{l}$ GGAGAGAAAGAAACAAGAGGGGGGAAGGGGGAGAGGAGGAGATACA G G G A A G GAAGGGAGAAGAAGGGGGGGGAGAAACAGCACCGGCAAAAAGG GAGAAGAAGGCCCAGAGGGAAACCGACCTTAAGACCGGGGGAAAAACAGG GGAGAAGGGGAGAAAAAGGGGGGGACAAAAAAGGGAAACCGGAAAGGGAA AACCAAAAAGAAGAAAAAGGGGGGGGAAGAAAAAGGCCAATTAAAAAAAA CCGAGAAAGGAAGGAGGAGAAAAAACAAAAAAGGCCGAGAAACCAGGAAA CCAAAAAGAGAGGACACACAAAAACAAAAAAAAGGAGAAAGGCAAGGAAA GGACGAGGGGCCAAGGGAAAGGGGGCAAGGGGAAAGGGGGAAGGGGGGC CGGGAAAAAGGGGGGGGGAGGGAGGAGCCAAGAGGGGAAACAAGGGGAA G G G GCCGAGGAAGGGATTAAGGGGGGAAGAAGAAGAAAAGAAAAAAAGAC AGGGGAAAGGCCGGAAGGAAAAAAAAGGGGGGAATTCCGAAGGAAGGATT GAAAGGAACCACAGAAAAAGGAGAAGGGGGCAGGGGAAGGAAAAGAAAGG GGCCAAGGGGCCGAGACAAAAAGGGGGAAGCCGGAAAGCCGGGCGGGAAA GGCAAAAAACAAAGGAAAGAGGGGAACCGACCGGCCCACCCCCCGGAAAG ACGAGGAGAGAGAAAAACCCGAAAGGGGGGCCAAAAAAGGGGGAAGGGGG AACGGGATAGGGGGCACAAGGGGGGGAAGGCCAGAAGAAGAGGAAGCCG GAGAGAAACAGCCGGGAGAAAAGGAGGAAGGAATTAGGAAAGGGAAGGGG GCCAGGGAAAAGCAGAGGGGGGGGGAAACACAAGGAAGGAAGGCCGGCCA GGGCCAAAAAAGGAAGGGGGGAAGGCCAAGGGAAAAGGGACGGAAGGAG G G G G G G G G GAA $\ln A \operatorname{A}$ GGGACCGGAGCAGAAGGGACGGAAAAGGCCAAGGC A GAAAAAGCGGAGGGAAGAGGAGAGAGGAGGAGGGCCGGAAGGACACAG CCCCGGGGAGACGGGGAAGGAAGAACGAGAGGGGGGCAGGCCAGAAAGG AGGGGAAAAAAAAAAACGGGGCCAGAAGGAGGAGGAAAGAGAAAACCAAG GCCCCAAAAAAGGAAAAAGCCAAGGGGGAGACCGGAAAGGGGAGAAGCCG GAAGAAAGGAAAGAGCCGGGAGAGGAAAAAGAGAAGGAAAGAGACGAAGA GAAAAGAAGAGGGGAAGAAACGGAGGAAAAAAAGGAGAGAAGGAAAAGGA

GACGAGGAAGGGGGAGAAGGGAGAAGGAGGGGGAGAAAGAGGGCCGAAA AA A G G G G GA $\ln$ AGGGAGAGGAAGGGGGAAGGAAAAAAAGAGGGCACCAGA A G A G G G G G GAACCAAAAGGGGCCGGGGAAGGAAGGGGAAAAAAGGGGAA G G A A G G G G A A A A G G G G G GCCGGAAAAGGGGGGAAAAGGGGGGAAGGGGA AAAGGAAGGAAAACCAACCGGAACCGGGGAAGGAAAAGGAAAAAAGGAAG GAAAAGGAAGGAAGGGGGGAAGGGGCCCCGGGGGGAAGGGGAAGGAAAA G G G G G G G G G G G GAA G G G GCCAAGGCCAAGGAAAACCGGGGCCGGAAAAA A G G G G G G G G A A C CAA G GAAGGCCAAAAAAGGGGAAAAAAGGCCAAGGGGG GAATTGGGGGGAAGGAAAAAACCAAGGAACCGGAAGGGGAAGGGGGGAA G G G G G GAA G G G GAAAACCCCAAGGAAAACCAAAAGGAAGGCCGGAAGGCC AACCGGAAAAGGAATTAAGGCCAAGGCCAAGGGGAAAAGGAAGGGGAAGG GGCCGGAAGGGGAAAAAAGGAAGGCCAAGGGGCCGGAAGGGAGGAGGGA GAAAACCAGGGAAGGGGAGGAAGGGGGAAGGAAGAGAGAGACAACGAGAA GAGAAGGAAAAGGAAAAAAGGAAGGAGAACAAGAGGGAAAAGAGAAAGGG GAGTTGAAGAGAGGGGGGGAAAGAAGGGGAAGGAAAAAGGGAAAAGGAA AAGGCCAGAGCAAAAAGGACACGGGAAAAACAAAGGAAAAGGAAAAAGAA GGAGGAGAAAAGAGGGAAAAGGGGCCAGGGGACAGAAGCGAGAAGAAGA G GAAAGGGGAAGGCAGGGACATAATAGAGCCACCAGGGGACGGAGAAAGC CGGAGAACCAAGAGAAGAGGGCCGGAACCAACCAGGAGGGAGAGAAAAAC ACAAGGGAACCAACCAAGGAAAGAAAGACAAGAGGGGGGGATAAAGGGGA AGGGGAAGAAGGGGAAACAGGGGCCGGAGCAAAAAGGAGAAGGAGAGCAA AAAAGGGGGAGGGAAAGAGGGGAAACCCCAAGGGGAAAAACAGACCAGGG AGAGAAAGAGAAAAAGGGAGGGGGGGAAGAAAGCGAAGACCCGAAGGAGA A G GAA $\operatorname{l}$ GGGGGGAAGGACCAAGGGGAAGGAGGGGGAGGGAGAAGGACAG A G G G G GAAGGAAGGAACACAGATACAGGCAGAGAGAGACAATAGGGAAAA GGGGGAGGACAAAAGAAAAGCCGGCCAGAGCCAAACCAAAGAAAGAGGAA AGGGAAGGGGAAGGAAGGAATTGGCCAACAAAGGACAAGAAAAGGGATGG ACAGGAAAGAAAAAGGAATTCCGAGAAAGGAAGGAAGGGGCCAAGGCCCC AAACGGGGAGAAAAGGGACAAAAGAAGGAGAAAAAACCAGCCAGAAGAGA AAGGAAAAGATTAAAGAGCAGGCCGAAAAAGGCCAAAGAAAGGGGAGCCC GGTTAAGGAAAAAGACGGAGGGCGGGAAAGGGACGAAAGAGGAAAAAAAG AGAAGGAAAAAAAAGAGAAAGAAGGGCCAGAAGGCAAACCAGCAAGAAAG G G G G G GCCAAAGAAAAGGCCAAGGGAGGAAGAAACCGGAAAAAAAAAGAG AGGGAGGGCGAGAGACCCGAGGGAAGACCCGAAGGGAAAAAAAAAAGGAA G GAAAGAGAAGGGAAAGAGGGAAAGGAAAAAGATAGGGGAAAGGAGAAGG GGAAAAGGAAGGAGCCGGCCGGAGAAGGAAGGGAAAAAAAAGGGAAGGGA AAACGGCCAAAAACCCCCGGCCAAGGCCGAGGAAGGAAGACCGGAAGGAA AA G GAAAGGAAGAAGGAAAGAGAACCAGGAGGGGGACAGGACAAGGAAAG AAAAAACCAGGGGGGGGGAAGAAGGGAAGAAGGGAGGCCAGGAGAGGAA A G G G GAAAAAAGGGGGAGGGAAACGAGAGGGAGGGAAGGGGAAGGGGAG GAAAAAGGAAAAGGCCGGAAGGGGGGAACCGGGGGGCAAAAACCTTAAGG GGGACCAAGGAAAAGGGGGGAAGGAAGAAGAAGGAGAGCAGGGGGAAAA GAAAAGGAGATGGGGACGAAGCAAGGGGGGGCCAAAAGGAAAAGGGGAG AA $\ln$ GGGAAGGAGGGGACCAAAGGGGGAAGGCAAAGAGAGGAAAAGGGGG GGGGGGGGAAGGAGAAGCCAGAAGGGGAAGAAAGGAAGAGGAGGGGGAA G GACAGGGAGGGGAAAAAAGGGCCAAAAGGAGAAAAAAGGGGAATTCCAA GAGGAGGAAGCAGGGGAGGGAAAGGGAGAAAGGAGGAAGGAAGGAGGAA GACAAGGAAGGAAGAGAAAGGACGGAAGAGGAAAAGAAACCGGGGGGAAA GAGAAGAGAAAGGGGAAAAAAAACACCAAAAGGGGGAGGGGAGAGGGGGA AA G G GAA $\operatorname{AAA} A \operatorname{G} \operatorname{GGAGGAGCAGGGGAAAAGGAAGGAAGGAAGAAGAAGG}$ TAAGACAGCCAAGGGGAAAAAAAAGGGGGAAGGAAGGACCGGGACCAGCA AGGGAAGAGGAGGGAAGAAGCCGAGAGGAAGGGAGAGGGAGAAACCTTG AAGGAAAAAACGGGGAGGGGAGAACAAAGGGGGAAAGAACCAAACAAAAC GAAGAAGGGAGGGGGAAGGGGCAAGGAAAAAGGGGAAAAAGGAGACAAA G GAAAGGGAGGAAGGGACGCGCACCCCAAACCAAGAGGAAAAAGAGCCGG AAACAAGGAAAGGGGGGGAGAATTGGGGGAGGAAGGGGAGAGAGACACG G GAGGAACCGGGGGAACAGAGGAAGCCGAGGAACCGGAAAAAGAAACAAA AGGCCGGGGTTAACCGGAAGGAAGGGAAGAGGACAAGGAAGAAGGGGCCA AAAGAATAAGGAGGGAAAAAGAAAAGGAAGGGAGCGAGAGAAAAGAAAGG GAAAAGGGGCCAAAAAAGGGGCCGGAACCAAAAAAGGAAGGAGGAAGGGA AAAAGGAGGGAAACCAGGGGAAGAATACAGAAAGAGGGGGGGGGGAAGG

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G G A A G G G G G G G G G G ACGGAAGAGAAGGAAGAGAGAGAGGGGAAGCGGGA AGAGCAGAGAAAGGAACAAAAACGAGGCCCCGGAGAACCAAGGAGAGGAA G G CA G G GAA G G G G GAAGAAGGAGAGGCAGGGGGAAGAGGAACCAAGGGG CCGGGGGGCCAAAAAAAGAGACGAAGGGAATAAACCAGAACAGGAAGGAA GAAAGGAAGGGAAAAACCAAGGAAGGAAGGGGGAAACCCCCCAAAAAAGG AA $\operatorname{G} G \mathrm{G} G \mathrm{G}$ GAAGGAAAAGGAAGGAAAACCAAAAAAGGAAGGAAGGCCGGAA AAAAGGGGAAAAGGAAAAAAAAGGAAGGCCGGAACCGGGGAAAACCGGGG GGCCAAAAGGCCTTAAAAAAAAGGGGAAAAAAAAAAGGGGAAGGAAAAGG AACCAAAAGGGGAAAACCAAAAGGAAAGGAGGAGAAAAAGAGAAAAAGCC GGAAGAGGAAGAGAGGCAACAGCCGGGGGGATCAGACAAACCAAAAGGAA CCAAGGGGACGATAAGAAAACCAAAAGGCCGGGGAAAAAACCGGAAAAGG GGGGAAAAGGGGAAAGGGAAGGCCGGAAAAAAGAGGAGGGGGGGGGGGA AAAAGGAGGGGAAGAAAGGAGGGGAAGACCAAACCGAACAAAACCGGCCG AAGAAGAAAGGGGAAGAGGGACCACAAGGAAGGAGGACAAAAGGAGAGGA AGGAAAAAAGGGGACAGGGAGGAACAGGGGGAGAGCCCCGGAAAAAAAAG AACAGGGGGGAAAAGAGACGGGGAAAAGGAAACAAGGAAGGGGGAAGGG G G C GAAAAGAGGCCAAGGGGAAAAAGGGAACACCAGAGAAAAGAAAAGCC A GAAAAAAACGGGAAAGGCCGGAAAGACGAACAGGAGGAAAGGGAAAAAC AACAAAAAGGAAAAAGAAGGGGAGAGAAGAAAGAGGGGAAAAAGGAGAGA GGCCAGAAGGCAATAGGGGAGGAGAAGAACACAGGGACAACAAGTTAGGG AAAAAGGGGCAGGGGGAAGAGAGGGGGAAAGGAGGAGGAAGGGGAAACA AAGGAGAGAAAGGAGGGGAAAAAAAAAAGGGAAAAAAGGAAGAAAGGAAC AAAGAAACCAAGGGGAAGAACAAGGGAAAGGGGAGGGGGCCAGAGAAGGG AA $\operatorname{l}$ GAGGGGAACCGGGGAGAGAAAGGGAACAGAAGGAGGAGGGAAACAG AAAGTTAAAGGGAAAAGGGGGGGGAAAGGGAACCAACCGGGAGGGGACCC GGGGGGAAGGAACCGGAGAGAGGAGGGGCCAAGAGAAGGGGGAAAAGAG AGAGGGAGGAAGGGGGGAAGGAGCAAACAAGAAAAGGAGAAGGGGAAGG AAAAAGAGGGGAGAGAAAAAAAGGAAAAAAGGAAAATTAAGGAAGGAAGG GACAGGGACAAGAGAGATGGAATAAGGGAGAGAACCAAAAGGCAGGGGAA AAAAGGGGAAACGGGGGGAGGGAAGAGGAAGGGAAACGAACCAAAAAAAA AACCCCCCGGCAAGAGAAGGGGTTGAAAAAAAGGGGCCGGAGCAGGAGGG AACGAAGGAGGGAGAAACGAAAGAGGAGACAAAGGACGGAAAAAAAGAGG GACCGAGGAAGGAAAGAGAAAAGAGGGGAAGGGGGGCCGGAAAACCGAG GCCGGGGGGAACCAGGGGAGGAAGGGGGGCAAGAAGGGAGAGAGGAGAC AA G GAAACCAGGGGAAAGGAACGGAACCGGCCCCAGAGGGGAGGAGCCAC CAAGGGACAGAGAGAACCAAAAGGAAAAGGAAGGGGGGCAGAGGAGGAGG AGGAGAGATTGGAGCGGAGAAGGACGGACAAGAGCAGAAGGAGGAAAAGG AAAAGGAAGGAACGGGAGGGAAGGAAGAAAAGAAGGAAGGGAGAAACCGA GAGAGGGGGGACAGAAGGAGAAAAAGGGGGGGAAGGGAAAAACCGGGGA AGAGAGAGGGGAGGAAAGGCAAGGAGGCCAAGGGGAACAGAGGAAAGAAA G GAGGGGGGAAAAAAAAAGACGGAAAGGAGGAAGAAGGGGGGGCAGAAA GACCGGGGGAAGAAAGCCGGGGAAAAGGTTAGGGGGGGAAGGCCAAGGA AAAAACCGGGAGACCCCGGAACCGGGGAAAAGGGGAAGGAAGAAGACGGG ACAAGGGGGGAGGGGCCAAGAGAGAGAAAGGAAAACAAAGGGAGGAGAAA AGGGGAGGGTAGAAAGGCCAAAACCTTGGGGAAGAGAAAGGCCGGACAAA AGGCCAAAACCGAGGCCGGGGGGAAACGGAAAGGAAGAAAAAAAACCAAA GCCAAGGAAGGGGCCGGAGGGGGGGAAGGAACCGAACAAGGGGGGAGGA AGACAAGGAAAAGGAAGAAGCACAAAGAGGAGAAAAAAAAGGAAACGGAG GAGGGAGAACGGGAAGAAAGCAGGAAGAGAGAGGAAAAGGGGAAGGGGA AAACAGAAAGGAAAAGAAGAAGACAAGGAGAGGAAGAAAAAAGAGAGAAG GCCAAAACAAAAAAGAGAAGGCCGGCCAACCAAAGGAAAAGGAAGAGAGA AATAGGGCAAACCGGCCGAAACAAAAAAATTAAAAGAACGGAAAGGGGGA AAAGAGACCAAGGAAGGGGAGAGGGGGCCCCGGCCAGAAAAGAAAGAAAA CGAACCACCAAAGAGACACAAAGAAAGAACCGGGGGAGGAGGGCCAAAAG A GAGGAGGGAGAGAGGGCCGGGAAGGGGAGGGGAAAAGGAAACAGCCGG G G G G G G G G A A G GAAAAGGAAAACCGAGAAGAGGGCCAAAGAGCCAGAGAG G GAAGGCAGGGAGAAGAAAACCGGAAGGGGGGCCAAAAGGAAAGGGCACC CCAAAAGAAGAAAGAGAGGGGAAGAGGGACGGAGGGCAGAGGCACCAGCG CCGGGGAAAAAAGGAGACGGGAGGGGAGAAGGGAGGGGGGGGAAGGAAA A G A G G G GCCGGGACCGGGGAAAGAACAACGAACGAGGCAAAAAAAGAGGG G G G G G G G G G G GAAAAAACAACACAAGAAGCCGGCCGGAGAAAGGACAGAA

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 ACGGAAAACCGAGGGGAAAGGGGGGGAAAAAAAAGAAGGAAAGGAGGAGG G G G GCCGAAACCGGAAGGGGCCGGGGGAAAAAGAAACCGGCCAAAAAAAA AA $\operatorname{l}$ A G G A A G G G G G G A G A A A A A G G GAGGGGGAAAAGAGAAGAGACAGAGC CAAGGCCAACCCAAGCCCCAGGAAGGAAGAGGGGGAAGGGAAGAAAGCCG GAGGGGGGGAGGGAAGGAAAGAGAAGAAGAGCCGACCCAAAAGGGAACAC CAGGGAGGGGAAACACCGGAAGGAGGAAGAGAGCGAGGAGGAGCAGAGG AGGAGAAGAAAACCGGGGAACAGAGAGGGGCCGGGGAAAAGGAAGGCCAA AAGAAAAAAAGGGGAGACAAAACCAAAAACCAAGGGCAAAGGGGGGAGAG AGGAGAACCCGGAGAAGGAGAAGAGAGGGGAACCAGGAAACGCAAGAAGG

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ACAAGGAGGAAGGAAAGAGAGGAGAGACAGAGGACAGGAGGCGGGGGGA GAACGGGGGAGAGGGGAGAAAAAGAGAGGGGGGGAGAGGGAAGACAATC CAGGAGAAAAAAGAGAAAAAAAAAAGGGGGGGGGACGAAAGAGAGCCAGG AAAGGAGGAGAAGCCAAAGGAAGGGAAGGGGAAAACCGAAAAAGGAAGGA AACCCAAACAAGGGGAAAAGGAAAGGGGAAGAGGGAGAAGGAAAAGGAAA A G G AAAAAAGGAAGAGGAGGACCCGAAAAGGAAAAGGGGCCAAAAAAGGG GGGCCGGAAGAAAAAGGGAAAAAAGCCGGAGAAAAGGGGACCAAAAAAAA AAAAAAAAAACGAACAAAGGGACAACCAGGGCAGGAAAGGGGAGGGGCCC CAAGGCAAAGGAAGGAAGGAGGGGGAAGGGGGGGGGAAGGAAAGACCAA G G G GAGAGGGCCAGGGGGGGCCAAGGGAAGAAGGAAGGGGGGAAAAGGA GGGCCAAGGAAAAAGGGAGGAGGGGAACACAGGAAAAGGGGAAGGAAAG GGGAAGAGAACAGAAAAAAAAAAATTGGAGCCACAAGGAGAAAAAAAAAA G GAAAAGGAGGAGAGGCGGGACAGAAAAGGGAGACACCGAAGAAGGGGCA AGAACAGGGGGGAGAAAAGGGGAAAAAAAACCGGGACAGAAGGAAGAGGG GAGAGGGGAGGGGGACAAAGACGAAAAAAAGAAGGGCCGGAGACGGGACA GAGAGGGGAAGATTCACCCCGAAACCAAAAAGAGAAAAGAATCCCCGAGG AAGGAAACTTGGGGAGAAGGAAAAGAAAGGAACCGAGGAAAAGGAAAAAA AAAACAGGGGCAAGGGGAGGAGGAAGCCAGGGAAACGAGGAGAAACACAA CAGAAGGAAGAAAGAAGGGGGAAAGGAAAAAAAAAACCCCCCAACCGGAA AA $\operatorname{A}$ GGGCCAAGGGGGGCCGGAAGGGGGGGGGGAAAAGGAAGGGACCAAG ACCAAAGGACCGGAAAAACAACCGGAACCAGGAGAGAAGAAGACCGGAGA GAAACAAAAGATAGAAGGAAGGGAAAAGGGGACGGGACAAAGAGGAGAAC CAGAAGGCCGAAGGGAGTTAGAGGAAGGACCGGGGAGAAAAAGAAGGGGC AGGCGACGAGAAGCAAAAAAAGAGAAAAAGAGAAACACACAAAGGGGAAG GAGAGCAGGAGGAAAAAAAGAAGGGCAAAGAGGACGAAGCCAGAGAACCC AGGGAGAAAAAGGAGAAAAAAAAGGGGAAGAGAGGGGCCGAAAAGAACAA GAGGAGAAGAGGGGAAAAGAGAAAAAAGGAACAGAGAAGCAAAGGCCAAA AGGGGGGCCGGCCAAAACAAGGGCCCCCAAACAGAAGGGGGTAAGGACCG GAGGAAAACGGGAAGGAAGAGAAAAGAAGGAGGAAAGGAAAAAGGAGAGG AGAAGAGGGTTGAGACCGGAAGGGGAGAAGAGGGAGAGAGGAGAAGGAC AAACGGGAGGGGGGCCAAAAAGAGGATTGAGGGAGGAAGACAAAAAAAGA A G G GCAAAGGCCAAGGGGGGAAGGGAGGGGCCAAAGACGGAAAGAGGAT A G G G GAA G G G GAAGAAAAGGGAAAAAATTAAAAAGAGAAGGAGGAGGAAG G G GAA G G CAACGGGGGACCCCAAAAGAAAAAAAGAACGGGGGAGAGGAAA AAAGGAAAGGAAAGGGAAAAAAAAAAGAAAAAGGGGGAAAAAAGGGGGGC A GAA $\operatorname{la}$ GAGGAAAAGAAAGAGGGAAAGAGAAAAGGCCAAAAAAGGGGAAA AATGGGGGAGGAGAAGGAAAAAAGGAAGAGGGGAAGGGGAAACAGAAGA GAGGCCGGGGGGAAAACCACATAGAAGGAGAAAATTAAGGAGAAGGAGCA G G CCGGGGGGGGCCGGAGAAGGCAAACCGGAAGGGGAAACGGGGGGCCG GGGGAAAGAACAAAGCGAAGGCCGAACGGCCGGAGAAAGGAAAAGAGACA AGAAGGGAAAAAGGAAAAAAAGGGGCAAAGGAAAAGGGGAGGGAAGGGAA CGGAAAAGGGGGGCCAGAAGGGAAGAAGGAAGGAACAGGCAAGGAGGGG GAGAGGCCCCGGAAAGAACACCAAAAACGGAAAGGGGGAAGAGGGGCCAA GGAAGAAACGAAAAAACCAAAAAAAAGAAACCCCGGGGACAGAAAAAAGA AAGGAACCCAGGGGGGAGGGGGAAGAAGAAGGAGAAGGGGAAAAAGAGG GGAGGAGCGAAAAGGAAAAAGCCGGAGAGGACCGAGAGAAGGGGGGGGG AAAGAAGAAAAGGGGAAAGGGGAACCAGACGAGGGGGGAAAGAAAGCCAG GAGACAGGAACCAGAAAGAGGACCGGGGCCAAAAGGAAAAAGCCGGAACC G G AA G GA GAAGGCCAAAAAAGACCAGGAGGAGGGGGGGGGGAAAAAGGA AGGAGAACCAAAAGGGGAAGAAGAGAGAAAACAGAGGAAAGGGGGGGGGA AA G G G G G A ACCCCAACCGGAAGGAAGGACGAGATTAAGGGAGAGAAACCG GAGGAGACAGGCAAAAACCAGACAAAAAGGGGGGGGGGAAAAGAGGAGAC CCCAGCCAGAGAAAGGAAGGGAGCCAGGGAGGAACCAAAAGAGGAAACAA AAAGGAACCACAGAGAGGAAAGGGAACGGGAGAAGAGGGCCGGGAAGAAC C G GAGGGAGGAGAGGAGGGGGGGGGGGAAGAAATAAGGAGGAAAAGGAA AGGGCAGGGAAGCCCCGGCCGGCCGGGGGGGGAAAGAGGAAAAAAGAGA CGGGGAAGGAACCGGAAAGAACCCCGAGGAAGGACCCAAAAGAAAGGCAG GAAACAAGGGGGGGGGGGAGGGGAAAACCAGGAGGAGGGGGGGAGGAAG AACACAGGAGGAGGAAGGAGGAAAAGGGAAGGAGAGGAGAGAGGAGAAG AAAGGAGGAGGAAGGAAGAAAGGAAGAAAAAGGCCAGAAGGGAAGAAGAG AA $\operatorname{A} A \mathrm{~A} G \mathrm{G}$ GGAAAAAGGGGGGGGGGAAGGGAGAGAGGAGGAAGAAAGAAG

AGAAAGAGAGAGAGGAAAGAAAACGGAAGGAAGGCCGGGGCACCGGGGCC AGGGAAGGGGCGAGGGGGAAAGAACCGGGAGGAGAGGGCCGGAAAAAAA AGGGGAGAAGAACAGAAGAGAAAGGGGAAAGGGGGAAAAGACCCCACGGC CAAACGAAGAACAAGGAAGATAGAGAGGGGGAAGGAAAAAAGGCAGGAAA ATTAAGGAAGGGGGGGGGGGGAAGGAAAGCCAAAAGGGACAGGGGGGAA GACCGAAGAGGGGAGGACAGGGGGGGAAAGCCGGGGCCAAGAAGAAGGA ACCAAAACCACCCAAAAAACAAAAGAAAGAAAAGAGAAGGGAAAAAGGGA CAAAGAACCAGGGGGAAGGGGGGAGGGGGACAAAACCGGAAGGAACCCCA GAAAGAAAGGACCAAACAAGGGAAAAGAAAGGGAAGGAAGGCCGGCAAAG GGGGAGAAACAGGGGCCGGACGGAAGGAGGGAAAGGGGCAAACGGGGAG CAAAGGAACAGGACAGAAGACAAGGGAGGAAAGAAGGGAAAACAGGGGAG ACAGAAGAGAAAAGGGGGAGGGGAGGAGGAAGCCAAGAGAAGGGAAAAGA GGCCGGAAAGAAAAAGAAGGGAAAAGCAAAAAGGAGAAGGAGAAAACCAG AGAAGACCAAGGCAAGAGCAGAACACAGGGAAGGAGAAGGGAAGAAAAGA GGGAGGAGACAGCCAAAGGGGAGGAAGGAAAAAGGAAGGGGGAAGAGGG GCCGAAAGAGGGAGAGAGGAGGGGGAGGGGGGGGGGGGGAAGGAGGGAG A G G A G G G G A A G GAGGGGGGGAAGGAAAGGAAAGGAAGGAAAGAAAGAGA GGAAAGGAAAAAGGAAGACAGGGCCGGCAGGGGGAGGACGGGGAAAAAA GAGAAAGAGGGGCAGACCCCAGAGAGAGGGGGAAGGGAAACCGGGGGGG GAACCCCGAAGGGGGAGGGAAAGGGAAGGAAAGGGGAGGACGAGAAGAA AA G GAAGGAAAAAGAAGGAAAAAGGAAAGGGAAAGGAAAAGGAACCGGGG AAA G G GCCGGCCAAAAGGGGGGGAGGAAGGGGAAAAAGAACCAAGGGGAA G GACGGGGAGAAAAGAAGAAAAAAACAAGGAGGGAAAGGGGGGGAAAAGA AAAAAGGAACGGAAGGCAGGCCAGGACCAAAGACAGGGGGAAAAAAAAGG GGGGAAAAGGAAAAGGGGGGAACCGGGGAAAAGGAAGGGGCAGGGGAAG GACCAAGGACAGGACGGAGACAAAAAAGGGGAAAAGGAACCGGAAAAGGA AAAAGGGGGGGCCAAAAAGAAAAGAGGGAGAGGAAAGGGGAAGAGAGAG GACAGAAGGGCGAGGCAGAGGAGAGGGGAAAGAGGGCAAGGGAAAAGGG GAGAGAAAAGGGGAGAAGGAAAAAAAAAAAAAGGAGGAAAAGGGAGGGGG GAACGGGGGGATTAGGGAAAGAAGGCCCCGGGGAAGATTAAAAAATTAGC AGGGAAAGCAAGAAAAGAAAAGGAAGGAGCAGGCCGGGGGGAAGGAGAGA CGAAAAACCGACCAGCAGGAAGGAAAAGGAGAAAACAAAGGGGAGAAAAC CCAGGAACCAAAAAGAAGGGGGGCCAACCGGGGAAGGGGAAAAAAAAAAA AGGAAAAAAGGGGAAGGAAGGGGCGCCAACGATAAACAAGGGGAAAAAGA AGGAAGGGACCAGCAGGACGAAAAAAAGGAAAGAGAAGGAAAAAAAGAGG GAGAAAAAGCCCCAAGAGGAAAAGGAAAACCAAAGAGGGGGAATTAAAGA GAAATAGCCAAAAGGGGAAAAGGGGCCAAGGGAAAAGGGCCGAAAGGGGG AGGAGAAGGAAAGGGAGGGAAGAGGAAACGGAAGGAGAACCATACGAGGG GAAAAGAAGGAGGAAGGAGAAACAAAGGGAAGGGGCCGGAAAAAGCAGGA AGGCCAAAAAAGGAAAAAGGGAAAAGGCCTTGAAAAAAAAAAAGGGACCA GAAAGAAGGAAGGAACCAAAAGGAAGGAACCGGGGGGAAAGAAGGCCAAG AAAAGGAAAAACAGGGGAAGGCCAAGGGACAGAGGAGGGAAAGGAAGCCG G G G G G A A A GAGGGGGGGAAAGGAGGAAAGGAAAGGGGAAGAGGGGGGGG AAGGGGAGAAAGAGGGAAAAGGCCAAGGAAGGAAGGAACCAAAAGGAAGG AAAACCCAGAGGGGGGGGGGAAAAAAGGGAGGGGAGAAAGAGAACCGGA GGGAGGGGGAGAGGGGAAGAAGGGGACAAAGGGGGCCGGAGAAGGAGAG ACAGGAAAAAAGAGGGGAAGCCACGGAAGGAAGGCCAAGGAACCAACCGG GGAAAAGGAAAACCAACCAACCAGGGAGAAAACAGACAGGGGAAACAAGA GAAGAGGAAGGGAAGAAAAGACAGAGCCGGGAAAGGGGACAAGGACGGAA G G G G G G A A A GAGGAACGAAAGGGGGGAAAGACGAAGAGGAGGGGAGGGA AGGAACCGGAAAAGGCCGGAACCGGAGGAAGAGAGGGAGAGGGAAGGAA GGGGAAAGTAGAAAGAGGAGGAGGGGGGAAGGGACAAGCCGGAAGAAAA AGGTTAGAAAAAAGGGAAGATCAACAAGAGGACAGAGCAGGGAGAAGCAA GACAAACAAAAGGAAGGAAGGGGAAAAAGCCAGAGAGAAAAGGAAGGAAA AGGAAAAGGAAGGGGAGCAGAAAAGAGGAGGCCAGACGGAGGGGGGGAA G G G G G GAGGATTACAAGGGGGGGGGGAAGGGGGGGGAAAAAAGGGGGGG GGGAAAAAAAGAGGAAGGGAAAAGGGGAACCACAGAAGGAAAACCAAAGA AGGAAAAGAAAGGGGCCGGGGGAGGACCACCAAGGAACAAGAAAGACGGG GGGAACCAAAGAGAGGAGAAAAAGGCCGGGGGGGAGGACGAACAGGGCCA AAGAGAGAAAGAGGAAGGAGAGAAGGGAGAGAACCGGGAAGGAAAAAGGG G GACAAGGGGGCCGGGGGGGAGGGGAGGGAAGGAAGGGGAAGGCCAAAG

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 G G G G G G A A C C G A GAA G G G G G G G A G G G G G CCGGGGGGAAAGGAA GAAAAC A G GAA $\operatorname{A}$ GAAGGGGGGGGGGGAGGACGGAGGGACGGGGAACCGAGGGATT AAAAAAAGGAGAAGAAAGGGAAGGGGAGAGGAAGAGAAAGAGCAGGAAGG GGAAAGAAAAGGAGAAGAGGCCGGTTAAAGAGAAGAAAGGGAAAAAGGGG AAAGAAGAAGGAAGGAAGGAGAAGCCGACAGGGGAAAAGGCCGGCCCAGA AA $\operatorname{A} A A G C C A A G A A G A G A A A A G G G G G G A G A A A A A A G G C C G G G G A A G G G A A G$ AAGGGAGGGGGGCAAGACGGAGGGGGAAGGAGAAGGAAGAACAGAGAAG GAGAGCCAAGACCCCGAAGAGGAGAGGACAGGGGGAAAGAAAAGACAGGA AAGACGAAGTAGAGGAGAGAGAAGGAAAAAGAAGGCAGGGGGGGAAAGAG AGGCCAGCAAAGGCCAAGGAACCACACAACCAGAGAAGGAAAAGGGGAAA AAAGGGGAAAAGGGGAAAAAAGGAAAGAGAAGGGGGGAAGGAAAAGGGG AAAAAGGGAAAAAAAACAAGCCAACCAAAGGAAAAAAAGGGGGGAAGAAA AAAAGGACACGGGAGAAAGGGGCCAAAGCAAGGGACAAAAAGAACAGGAA G GCAGAGGGGAAGAGGACAAGAAGAGGCATAGAAGAAAAAAAGGGGGGGA G G G G G G G G G G G GTTGAGGGGGGGGAACCGAAGAGGAGAAAGGAAAGGAG G G G A G G A GAAAGGGGATAAAAAAAGAAGGGGGAGGGATTCCAACCAAAGA G G G G G A G GAGGTAGGAAAAAAAAGAGGAACAGGGGAACACAGAGGGGGA ACGAAAAAGAGAAAAGAAAGGAAACCAAAAAAAACAAAGGGAGAAACCAA GGGGAAGGGAAACCGACCAGCCAAAGGGCAAAAAAAGAGGGAGGGGGAAG CAACGAAACAAGAGAAAAGGAGCCGGCCAGGGGGAAAAAAGGGAGGAGAG AAGGGAGGCCAAGGAAAAAAAAAAGGAAGGAACCAGAGAACCGAGAGGAA G G G GAACAGAAAGAAAGGGGGGAAAGGAAAGGGGAAGGAAGGAAGGGAC AAAAAGAGGAAGGAACCCCGAGAGGAAAGAGGAAGGGAGAGAAAAGGAAA AGGCCGGGGGAGGAAAAAAAAAAAGAGAAAAGAGAAAGGAGGGGGGGAAG G G G AA G GAGGGACAGAGAACCGGAAAAGGCCACAACCAAAAGGAGGGAGA ACGAACGGAGGGGGGGAAACCGAAAAAAACCGGAAGGGGCCGAGAAGAAG A G GA $\operatorname{l}$ CA $\operatorname{G}$ GATAGGGGGAGGAGGGGGGCCAGAAGAGGAGCCGGGAGGGG AA $\operatorname{A} G \mathrm{G}$ GAAGGAGCCAGGGACGAAGGGAGAGAAAAGGGCACGGGGGGAAA AAAGGAAGGGGAAGGAAGGAAAAAAGGAGAGAGGGAGCCAACAACAGGGA AAGGGAGAACCAACCGGAAAACCGGTTAGAAGAGGAGAAAGAGAAGAACC CAGAAGAGAAGCAAGCCGGGAAAGGGGGGGGGGAGGGGGCCGGGAAGGA AGAACAAGACGAAGGAGAGGCCAAAAGAAAGGGGCCAACACCGGAAGGGG AAAAAACCAAGGAAGGAAGGGGAAAAAAAAAAAAGAGAAGAAAAAAGAGG AGAGCCAGCAGGGGAAAAACAAGGGGGGGGGGAAGAAGAACCAACGGGG GAGAAAAGAGGAGGGCCGGAAAAAGAAGGGGGAGGGGGGGAAAGAGAAG GAGGAAACGAAGGACAGGGAAGGAGGGAAGACGAACAAAACCAAGGGGGG CCGGAAGGAGGGAACAGAAAGGCCGGGAAGGGAGAGGAAACACCAAAAAA CCGGAAAAGGAAGGCCAAAAGGCCAAGGGGGGAAAAAAAAAAGGAAAAAA AACCGGAAGGAACCGGGGGGCCGGGGCCAAAAGGAAGGAAAAAAAAGGAA G G G G G GCCAACCAAAAAAGGAAGGGGAAAAGGGGAAAAAACCGGAAAACC GGAAAAAAAAAAAAAAAAAAAAGGGGGGAAGGAAAAGGAAGGAAGGCCAA GAAGAAGAAAGGAAGGAGAAGGGGAAAGAAAAAAAGAGAGAAAAGGACAC AAAACAGAGGAGGGAGGAGGGGATAAAAAACCGGGGAGAACCAGGGAACC A GA $\ln$ A GAACCGGGGAAAACAAGGAAAAGACAAGGGGGGAAGGAAAGGAAA GACCGGCCAAGGGGAACCGGGGGAAGGAGAAAGGAACCGGTAAGAAGGAA G GAAGGAAGGAAAGCAAGAAGAAGAAAAGGAGAAGAAAGAGGGAGGGAAA G G G GAGAAACGAAAAGTTAAAGAAGGGGGGAGACAGAAAGGAGGGAGAGA ACACGAAAAAGGGGAAAAGGAAAACCCCAGAAGAAAAGGGAGGAGACCGA GGAAGAAAAAGAGGAAGGCCGGCCAAGGGGAGAAAAGGAACACAGAGAAA GGAAAGGGCAAAAAAAGGCCGGAAGGAAGAGGGGGGGGGGAAGGGACCG AGGAAGGCGGGAAAAGGAGAAGGAAAAACGGAAGGCCGGACAAAGGAAAG AA GCCGAAGGAGAGGGAAAGGGGAAGGCCGAAAAAAGAAGAAGGGACAAG GAAAAAAGGCCAACCAGAGAGGACAAAAAAGAGAAAGGGGGAAAAAAAGG GAGAAGGGGGAAAAAGGGGGGAAAGGGGACACCAATTAACCCCATACAGA

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AAAAAAGGAAGAAAAAAAAGGAGGGGGGGATTGGAGAAGGAAAAAAAGAG GGCCAGCCAAGAAAGGAACAAAAAAAATGGAAAGACGGGAGGAAAAGGGG AA G G G GCCAGGAAAAGAAGGCAAAAACCGGAAGGAAGAAGAGGGAGAGGG G G G G G G G G G G A G A A A GAGGAAGGAAAGGGAGAAGGGGGAAGGAAAAGAG CAAACAAGGAAGGAAGGGGAAGGGAGGGGAAGAGGGGTTGAGGCAGGAA G GAA G GAGAGAAAACAGGAGGACCGGAGAAAAAAGGCCCCGGCCGGAAAA GAA G G G G GAGGACCAGAGAAAAGAAAAGGGGGGGAAGGGGGGGGAAGGG GGGGGAACCGGAAGGGGACACAGGGGAAACCGGCCGAAAGGACGGAAGG AA $\operatorname{l}$ GGGGGGAGAAGGAGAGGGGAGAGAAACGGAGGAGGAGGGAGAAAGG GGGAGAAAAGAAGGAAAAAAAAAGAAGGGAGAAAAAAGAGGGGAGAGCCG AGAGGGGAAAAAAAAGGGGAAACGGGAAGCCCAGGAGGAGAAAGAACGGA A G G A G G G G GCCAAAACCGGAAAAAAAAGGGGGGAAGGAAAAGGGGGGAAA AGGAAGGGGAAAAAAGGCCTTGGAAAAGGAAAAGGAAAGGGAAAGGGAGA GGGAACCAAAGGGAAGGACCCGACCAAGGCCGGGGGGCAAGAAGGGGACA GGACAGAGAGAAAGGAGAACCAGGAAGGGGGGGGAGGAAAGAAGGAAGA ACAGGAACAGAAGGAAAAAAAAAAAGAGCAAGGGGGGAGGGGCCAAAAAA AAAAAAGGAAGGAAAGGAGGAGCCGGAGGAGAGAGAAAAAAAGGGAGGAA A GAA G GCCGGGGAAGACCAAGGGGAAACAAGGGGGGACGGGGCCGAAGA
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GAGAAAACCAACAGGGGGACGCAAAGAAGACGGGGAGACGGAAAAGGGAC AA $\log$ GGGGAAAAGAGCGGGGACAAGGCGGGAGAAAAAACCGGAGGGAG GAGAGGGAGGGGGGGAGACCAACAGGAGCCGGGGAAATGAGGACAAGGA AAAGGCCAACCAAGGAACACCAGGGAGGAGGAAAAGGAGAAAGCCGAGAC CAAGGAAAAAAGAGAAAGGGAAAGAGAAGGCACCCGGACCAGGCCAGAAG AGAAGGGAGCCAACCGAAGGAGGAAGGGAGCAGAAGGCAAAAGGGGGCCA AGGAAAACCGGAACCAAAGGGGAGGAGGGAGGGCCGGGAGGGACCAAAGA CGGAGGGCCGGAGGACAGGGGGGGGGGGGAAAGAGGGAGACGGGAGGAC GGAGCCGGAAACGAGGAAAACACCAGGGAGGACCGAAAAGGAGGAGAGGA AGAAGGAAGGCCGAGGAGAGAGGGAAGAAGCCGAGGAAGGGAGAGAAGG GGAAGGAAGACTAGGGGCCAAGGAAGGAAGGAAGAAAAGAAAAGGAAAAA CAGACAGAGGAAAGAGAGGGGGGAAGGGAAAAGAAAAGGGGAAGGAGGA GAGGAAGGGGACAAAAGGGGGGGGGGAAACCAGAGGCCGGAAGGGGGGA AAAGGAAAAAAAAGAGAGAAAAGAAGGAAAAAGAAAGGGGGGAGGGGAGG GAAAAACGGAGAGGAGAAAGAGAAGAGGAGAGGAAGAAGGGGAGGAGAA GAAACAGGAGAGAAAAAGAGAGAGGGGGAAAAGGGGGGGGAAAAAGGGG GGGGGGGCCACCCGAGGGAGGGGGAACGAAGGGGGGAGAAAAACAAGAA AGAGGAAAAGAAGGAAGAGGAAAAGGAAAGAGAGAAAAGGAGAACCAAAA CAAAGAAAGGGGACGAAAAAAAGGAAAAAGGGGGAGGAAAAGGAAGAAAG AGGAACGGAAAAAAGGGGAGGGAAGAAAAGGGAGGGAAAAGACCAAAAAA GAAAGGAGCAAGAGGAAGAGAAAAGGGGAACAGGAACCGGGGAAAGGGCA GGGGAAGAGGAAAAGACCAAAAAAGAAGAGAGAGGGCAAGGAGAAGAGAA AAAGAAGGAGGGAGAGACAAGGAAAGAGGAGGACGGAGGAAAGGGAGAG
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G GCAGGGAGGGGAACCGGGCGGAAGGAAGGGGCCAGTTAAAAAAGGCAG AGGGAAAAGCCAACGGGCCGGGGAAAGGAAGGGGGGGGAAAAGCCAAAAA AA GCCAAGGACAAGGGAGGAAAAAGAAACAGGGGAGGGGGGGGCAAGAAA CCCAGAGCCGAAGGGGGGGCCGGAAAGGAGGGAAAGGACAGGAAGACAAA G G G G G A G ACAGAGAAGAGAGAAAAAGAGGAAGGAACCAGAGGGGGCCCCA AGAAAAAAGGAAAGAGGAGGAAGGGAAAGGGGAAAAGAAAGGAAGAGCCC AAAAAGAAGGGCCAACCAAAACGAAGGAAGGGGGGAAGGGGGGAGAAGAG AGGCAGGAGGGAAAAGAAAGGGGGGAAACAATTGGGACCACAAGGAGGAA GACGGAAAGGAGAGGAACCGGGAAGCCGGGGCAGAAAAAACAAAAAAAAA GGGCCGGGAGGCCCCCCCCAGAAAAGGGGAACCAGGGAAGGGAAAAAAGA AGGAACCGGGGAGGAAAAAAAGAAGAGGACAAAAACCCCAGGAGAAGACA GAAAACCAAAATTAAGACCGGAGAAAAAAGAAGAAGGCCAGGGAATAAAA A G G G G G G A A G G G GAAACGGAACCAAGAAAAAAAAAAGGGAGGGGGGGGA AAAAGGCCGGAAAACCAAGGGGCAAAGAAGAGAAATGGAAAAAAAAGAGG AGAAGGAAAGAGAAAAAAGGGAGGGGAGACGGAGCAGGAAGGAAAAAGAA AAGGGGAACCAAAGGGGGAGGGCCGGGAAAAACCAGAAGGGGGAGAGGT TGGAGAGGGAAAACAGGGAAAAAGGGGAACCAAGGGGGGCCCCCAGGAAA AAAGAAATACCAAAAACAAAAGGGGGGAAGGCCAGAGGGAACCGGAACCC CCCAGGAGAGAACAGAAGAAAGGAAGGGGAAAAAAAGGGAAGGACAACCA GAAGGGAAGAAAAGAAGCAAAGACCGGACGGGAGGGAAAGGGGCCGGGAA AAACAGGAAAGAGAGAAGGCCAAAAGGAAAGGGGGAAGGAAAAAAGGAAG GAACCGGAAAGGAACGAAAAATTAAGGAGAGACGGAAAAAGACGGACAGA GAGAGAAGGGGAGAAACGGGGAGAGAGAGGGAAGAAAAATTAAACGGAAA GAAGGGAGGAAGGGAGGGGAGAAAAAAGGAAAAGGCCAAAAGAAGGGGG G G G G GAGGAGAGCCAACAAACGGGGGACAGGAAAAAAAGGAGAAGGACGG CAGGAAGGGACCGAAGGACACAGGGGCCAGAAAAACGGAGAGAAAAAAGG GGAAGAAGGGAGAGGAACAGCAGAAGAACAGGCGAAGGGGAAAAGGGGG GAAGGGGAAAAAAAAGGGGGGGGGGAAAAAAAGGGGAAAGGAAAGGAGG AGAAGAGAGAGAGGGGGGGAGGAAGAGAGGAGAGGGAGAGACAAAGAAG GAAACCCGAAGCCAGAGAAGGGAAGAAAAGAGGTTAGAAGGAAGGGGCCG GAGGGCCAGAAAAGGAAAAGGAAAGAGGGGAAAAACCCCGGAGGGAGAAA ACCCAAAGGGAGGGAAGGGAGGAAGAGAAGAAGCCAAAAAAAAAACCGAG AAAACAGCCGGAAAGGAGGAAAAAGGACCGGAGGGGGAGAAAAAGAAGGA A G G A G G G G G A G G ACCGAAGACGGGGGGAAGGAACCGGGGAAGGAGAGAC
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 CCAAGGGAGGAGGGAAGAGAGGGGGAGGGAAGACGAGAGGGAGAGGACA GGAAAAGGAAACAAAAGGCCAGGGAGCACAAAGCCGGGGGGGCAAGGGAG GACGGCCAAAAGGAGAAGAAGGGGGGGCCGGGGGGAAAAAAGGGGAGCC AGGGGGCCAGAAGGAAAAGGAAGGGAAGAGGGGAAGCAGGAGAAAAGAA G G A A G G G G G A G G G G G A G G GAGGAAGAAGGAAGGAAGGGACCAAGAAGGG AAAGGGGAAGGAAGAAGGACAAGACAGGGGAGAGCCAAAGAAGACACACC GAAGGGGAGGAAAACCGGGGAAGGAAAAGAGGCAAAAGGACAGGGAGGG ACCAAGGGAAGGGGAAAAGAGCCGAGGAAGGGGAGAAAAACGGGGCGAAA AA $A$ A $\operatorname{AGGGGAAGGCAGGAGGAACGAAAGGAAGAAAAAGGGGAAGGAGGG}$ A GAAAAAAGGGGGAAGGGGGGGAGAAGGGAAGAAGGCCAAGAACAAACGA

AGAAGGCCAAGGGGGGGGGGAAGGCAGGGGGGAAAGAGAGCCAAAAGAG G GAAAACGAAGGGAGGGAGGCGGGGAGGGAAGGAGAGGGGAAAGGGGCC AAAAAAAAAAGGAAGGGGCCAAGGGGCCAAGGAACCAAAAGGAAGGAAAA AAAAGGAAGGAAGGAAGGCCGGGGAAGGGGAAAAGGCCAAAACCCCAAAA G G G G G G A A G GAA G G G G A A A A G GAAAAAAGGGGGGAAAAAACCAAGGAAG GAAGGAAGGCCCCAAAAAAGGGGAAGGAACCCCAAGGGGGGAAAAAAAAA AGGGGAAAAAAGGGGGGGGAAAAAAGGGGAACCGGAAAAAACCGGGGGG GGGGAAGGGGAAGGGGAAAAGGAAGGAAGGGGGGAGCCAGGGAAAAGAG G G G GA $\ln$ A G GAGGGGGGGGGAAAAAGGGAGGGGAGAGAGGAGGGAAGGGA GGAAGGGGCATTAGAGAAAACCCCAGAAAACAACGACAGGGGAAAGGAAA GAAAAAGGAAGGAGAACAGAAAGGAGTTATAGGGGGAGCCGAGGGAGGCC GAAAGAAAAGAAAAGAGGGACCGAGGAAGGGGAAGAAAAACAAGAAACAG AAAAAGAACCAGCCAAAAAGAAGGAAACAGGAAGCAGGAACCAACCGAGG AAAAGGGGGGAAAAGGTTGGAACCAAGGAAAAGAAGCAACGAGGGAAAAA AACCGAGGAAAGGAGGGGGGGAGGGACAGGCCAAAAAAAAGGGGGGAGA AGAAAAAGAAAAACCGAGGCCAAAAAGGAGAGAACGGGAGGGGGGCCAGG GAGGAAAAAGGAGACAAAGAGCAAACACCGGCAGGGAGGAAAAAAAAAAA ACAGAAAGAGGAAGGGGGGACAGAGATTAGAAAAGAGCCGGAAGGGGGGA ATTAACCGGAAGGGGGGGGAAAAAAGGAAGGAACCGGAACCAAGGCCAAA AAAAAGGCCAAGGGGAAGGAACCAAAAGGAAGGGAGAAGGAGGAGAAGGG A G G G G G A A A A A CCGGGAAAGGGGCCGGGGAAGGGGAAAAAAAAAGAAGG GGCCCCGGAAGGAAAGAACCAGAAGAAAAAGGGAGAAAGGAAAAAAAAAA AAAAAAGAGAAAAAGAGGGGGGGGAAAAGGGGTACCGGAAGGAATAAACG AAAACCAAGGAGGAGGGAGGAAAAAAGGAAGGAAAGGGAAGGGACCGGAA AACCGAGGGGGCAAGAGGGGAAAAGGAAGGGGAAGGGAGGGGAAGGGGG GAAGGAAAAAAAAGGAAAGAACCGGGGAGAGAAGAAAGGAAGGAAAAGGG AA G G GAA G GAGGAAAGGGGAAAAGGGGGGAACCAACCAGAGACGGCAGCG ACCGGAGAAGAGGCGGGACGAGGGGAAAAAGGGGGCCCCAACAAGGAAAC CGGGAAAGAAGGGGGGGCCAAGGGAAGGAGGAAAAGGAAAAAGAGACCCG AAAGGGGAGGGGAACAACAGAGAAAGAGAGGGAAAAAAAAAAGCCAGGGG GGGAAGGAACACAGAAGAGGGGACCAGACGAGGAAGGGGGGGGAACCAAC CGGGACCGGGGGGGGGAAGAGCCCAAAGGCCAAGGAAGAAAGGGGGAGG G G AA G GAAGGAGAAAACACCGAAAACAAGGGGAAAAGGAAAGAAGAGGGG G GAA G G G ACCAAGGGGGGCCAAAAGCAAGGCCGGAGGGAAAAGGAAACAA GGCCAAGGAAGGGGGGAAAAGGAAGGAAGGAAGGGGGGGGAGACAGGGG GACAAAAAAAAGGCGGGAAAAGGAAAAATAAAGGGAAGGAAAATTAAAAG AGACCAAAAAAAAGGAAACGGACTAAAAGGGGGAAAAAAAAGGAACCGGA AAACAAAGGAAGAAGACGCACGAAGGGGGAACAAAGGGAATGACCAACCA AAAAAGAAGAGAAGGGGAAAAAGAGAGCAGGGGAAAAGGGGGGGAGGAG ACGGGAAGGGGGAAGGAAAACCAGCAAAGGAGAAGGGGAGACAGGACCAG GAAAAACCGAGGGGGAAAGGTAAAGGGGCCCATAAAAAGAAGGAAAAAAA CCAAAAAAAAGGAACAAAAACACACACCCAAGCCGGGAAGGATTAAGAGG GATAAAGGGGGAGAGGAAGAAGCCCCGGGGAGAAGGAAAAAAGGGGGGC CAAAAGGAAAACAGCGGAGGGCCCCAAGGGACCGGGGGGAAACGGGGGCG AAGGGAGGAAAAGAGGGAGAGAGAAAGAGAAGAAAAACCAACCGGGGCAA AGGGATTGAGACAGGAGAGCCGGGGAGCCCCAGAGAGGGAAGAAAGGAAC AA $A$ AAAGGAGGAAAGGGGGGGACGGAAAAGGAAAGGAAAAGGAAAAGGGA AAAGGCCAGGAAGGGGAGGAGGGAAGAAAAAAAAAAGAAAAAAGGGGAAG AAAAGGAAGGGGAACGAAAAGGAAGGGGGGAGGGGGGGACAGAGAGGAG AACACCGGGGAGCCGGAGGGGGGAAAAAGGGGAAGGCGGGGGCCGGAGC ACCCAACAGAGGAAGGAAGGAGGCCGAAGAAAGGACCGAGGATAAAAAGA A GAGAAAAGCCGGGGGGAAAAAAGACGAACCGGGGACAGGGGGAAAAGAA AAGAACCGGAGAAAAGGGGAAGAAACCAAAAGGGAGGGGAACCAAGGAAC CAGTACCGGGGCCGGAGCCGAAAGGAGACAAAGCCGGAAAGGAAAAAGGC ACCAGAAGGAGAGGGGAAATTACGAGGGAGACAAAGAGATTAGAGAAAAG AGGGAAGAGAAAAAACCAGAGGGAAAAGGGGAACCAAACGGGGAAGGAGG GAAGGAACCCCAAGGAAAAAAGGAAAGGGGGGGAAGGAAAGAAGGAAGCA AGGAAGGAAGGAAGCGGGGAGAAAGACGAAAGGAAAACCAAAACCGGGGG GAAAACCAAGAGAACACAGCAACCAGGGAAGAGGGGAGAGAAGGAGAGGG GGGCCGGAAAAAGAAAAAGCCGGCCGGGAGGGGGGAAAGAAAAGAGGAAG AGAGGAGAAAAAGCAAGAGGGCCAAGGCCGGGAGAAAGGAAAAAAAAGGA

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$22021000-9$ GGGGAACCGGAGGGGGAAGGGGAAAAAAGGAGAAAAGGGAGC CCCCAAGGGGGGCAGGAAGGAAGGCCAAAAGGAACCAAAAGGGGAAAAGG GACCGGAGGAGGCCAGGGCCGGGGAAGGACGAGGAAGGGGAAGGAAGGG GGGCCGGAAAAGGGGGGAACAAAGGGAGGAAGGACAAAACCGGGGAAAAA AAAGGGAGAAACCGACCGGCCAAGGAAAAGGAGAAGAGGGGGGACAGCCG GGAGGAAAAGGGGGGGGGGGGGGGAAAGGGGCCAAAAAAGAAGGAGGAA AAAAGACCAAAAAAGAAGCACCAAGGGGCCGGCCAGAAGAGAGAGAAGGG GAAAAGGAAGAAGGCAGGCCAGGGGGAAGGCCGGGGAAACGGGGAAAAG AAGGAAAAACCGAGCAGGAAAGGGAGGGAACAGCACCCCGGAGAAGGGGA AGGCAAAAGTTAAAGAAAGGGGAAGAAACAAGGAAAAAAAATTCCGGGGC CGGGGAAAAAACAGGGAAAAAAAAAAAAAGAAAAGGGAAAACCGGAAAAA GAAAGAAGGAAAGGGCAAAGGGGACGGAGGGAAAACCGGAAAAAACCGAA CAGCCGGCAGGAAGACAAGAAAAAAGGGGGGGGGGAAGAGGGAAACCGAG AA $\log \operatorname{GGGGACGGGAGGAAAAAAAGGGAGGACAAGAAGAGGAGAGGACC}$ AAAACCGGGGAAAAAAGAGGAGAGAGAACCGCGGAGGGAGAGGAGGGGA GAAAGAAGAAAAAGAAAAAGGAAGGGGCCAAGGGAAGGGCCGGTTGGGGA AAGGGAAAAACGAGAAACAGAGAGGAACATAAGCCAAAAGGAGGGGCGAG AAGGGGACCCCGAGGAAAGGACCAGAGAAGGAGCCAGACAAGGCCGGAAC AAAGGAAAAGGAAACGGGGAAAAAAAAAAGGAAAGAAAAGGGGCGAAAAG GGGAAGGAAGAGGGGAAAACCAAGGAAAAGAGGGGCCAAAAGGAACCAAA AAACCGGAAGGAAGCGAGAAAGGGGGAAGAGAAACAGGGAAGGAAAGAAA AAAAAAAGGTAAAATCAGAAGGGGGAAAACCGGGACAAAAAGAAAGGGAA GGAGGAAGACCGGGGAAAGAGCCAAAAAACCAAAGGGAGGAAAAGAGGAA CGGGAAAAACCGGCCGGAGAAAGGAGGGGGAAGAGAGAGGAAGAGGAACA GCAACCAAGAGGAGAAGGGAGAAAACCCCAACAAAAAGGGAAGGAGGAAC CAAGAACAAAGAGGGAAGGAAGGAAGGCCAAGGAGGAAGGAAAGGAAGGA GGGAGCAAGAGGAAAGGCCGAGAAAAGGAGGGGGGAAAAGGACGAAAAGA AAAGACAGAGAGGGGGATAACGGAGGGCCAAGGAAAAGAAAGGAAAAAGA GTAAAGGCAAGGGGGAATTGGAAAAGGAAAAAAAAGGGGAAAAAAGAAAG GGGAAGGCAGGAAAAGGGGAGAAAAAAGAAAAGCCAAAAAAGGAAAAAAC CGGAGAAAACCGGAGGGGACCAGCCGGCCGAGGCGACGGAGCAAGAAGGC CGGACAAAAGAACCCAGCAGAAAAGGGGAGGGAAAGGAAAGGGGGGACAA GGGGGGGATAAGGGGGGGAGAGGAAGGAAAAGGAAAAACAAAGAATTAAG GAAGGAGAGAGAAGGAAGGAGCAGGGGGAGGGGGGAGGGGGAAGGAAAA AAGGCAAAAAGGAAACAGGGAGAAAAGGGGGAGGAGAGGGGGGACCGGA GAGAAAGGAGAAAGAAACCCCGGAAAGAGAGCCGGGGCCGGAAAAAAGGA AGGGGAAGGGGCCGGCCCAGGGAGGAAACAAGGAGAGAGACGAAGGGGG GGGAAAAAACAGAGGGGGAAGAAGAAAACCAAGGGGCCCCGAGAAAAAAA GAGGTTCAAAGGGGCCGGGGAAACGAAAGAGGCCAGAAAAAGGAGGAGGG GGAAAAGGGGAAAACCGGGGAAGAGACCGGGGAGAGGGGGAAAAAAGGG GAAAAAAGGCCGAACAACCCAAAAAAAAAAAAAGGCCGGGGGGGGGGAAG GAACAGAACAAAAGGAAGGAAAAGGGGAGGGACGAGGAGGGAGAAGGAAA GACGCAGGAGGAAAAGGAACCGGAAGGAAAAGGAGGGAAGACCAGGGAGG GGGAAAACCAAAAAAAAAGAAAAAAGAAAAAGGAAAACCGGGAAGAGAAG ACAGAACGACCGGAGGGCCCCAAGAGGACAAAAGGGAGGAAAAAACCGGC CGAGAGAACCAAAAAGGAACCGAAAGGAAGGAAGGAAAAGGAAGACCAAG GGGAAGGGAGAGGAACCGGGGAACAGAAACCAAGGAACCAAGACCCCGGC CGAGGAGAGAGGAGAAAAAAAAAAGCAAGGGACAGAAAAGGAAGAGGAAG GGGAAGGGGCCAACCCCGGAAAGAGGGAAGGGAGGGAAAGGAAGGGGAA AAGAGAGGAAGGAAAACCGGAAGGAGAAAAGGCCAGAAGGAACCGGAAAA AAAAGGAGGGAAGGGGGGAGCCAGGGCCGGAAGGAAGGGGAAAAAAGAA GGGACGAGGGAGAGACCCAAGAGACGAGGGGGGAAAAAAAAACAGAGGAA AGGGGAAGGGGGGGGAAAAAAGGAAAGGAAGCGTTGGATGAAGGAAAAAA

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 CCACGGAAAGTTAACCAGCCAGGGGGAAAAAGACAAGGCCGGAAGAAGAG ACCAAGGAAGGGAGAAGAGAAAAGAGAGAGGAAGCCAAGAGGAGAGGAGG GGAGGACCAGAGAAAGGAAGAGTAGAGAGGGGGGAAGGGGACAAGAAAAA GAGGACAAAAATCCAGGAACACCCGGGGGGAAGGAAGGGGAAAAGGAAGG CCCCGGGGAAGGGAGGGAGAAGAAAAGAAAGAACAAAAGAAAAAGGCCCC GGAAAAGGGGAAAAAGAAAAGAAAGGGGCAGGAGGAAAGGAGAACCAGGG GAAAAACCCGACAGAAAAACAAGGCCAGGAAACCGGGAAAAAAAGGAGGG GGGAGGAAAGGGAAGAAAGGAAAAAAGGGACCCCGGCCAGTTAAGGGAGG GACCAAAAAAGCGAAAGGCAAAAGCCGGGGAAGGAAGGAGAAGAGAAAAG

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 GAAAAAGGGGAAGGAAAAGGAACCCCACGGAAAGCCGGAGAAAAGGAAAA CA $\operatorname{l}$ G GAGGAAAGAGGGGGGACAGGAAGGCAAGACAGGGAGGGAAAAGGG AAAGACCGGAGCAAAAAAGAAAGACGGGGAGGGAGGGGGGAGAAAGAGAG GAAAACAAAGGAAAACCAGAGAAAGCCAAAAAAGGAACCGGAAAAAGGCA TCCGAGAAAAAGGGGGGCCAAGGAGAGGACGGGAAGGCCCCCCGGAAGGG GGACCGGGGAAGGGAGGACGAAGAAGAACGGAGGGGAAAAAAAGAAGGG GGCCTTAAGAAGGAAAGGAGGGGAAGGGGGAGAAGACAGGGACCCCGCAG AAAGCCGGGAAAAGGGGGAGAAAAGAGGGGAGAAGAAGAACCGAAAAAAA AAGGGGAAGAGGACAAAAAATTGGCCAGCAAAAAAAGAAAAAGGGGGGGA ACAAGAAGAGACAGGGGGGGAAGGCCGGAAGAGAGGGAAGGAACAAAAGG A G G G G GAA G GCACAAGGGAAAAAAAGGGGGAAAAGGGGAGCACCCCGACC AAAAAAAAGGCCGGGGAAAACCGGGAGAAGGGGAAAGGAAACAAGGAGGA CAGGAGAAAAAAGACCAAGAGAAGCAAAAATTACAGAGGGAAAGGAAGAA GGAAAGAACCGAAAGGCCAAGGGGAAAGCAGCCCAAGGCCGAGGAGAAGC AA GAAGGACCGAAGAAAGGAGGAAGGGGGGAAAAAAGAACGAAAAGGGAA GGGAGAAAGAGGAGGGACAAGGAGAGAACAGGGAAGGAGCGAGGGGGGA ACCAAAAGGAGGAGAAGGCGGAGAAGAAGCCCCAAGGCAGAAGGAGGCCC AA $\operatorname{GACGGAGAAGAAGGAGGGCGGAAAGCAACGCGACAAGAGGGGAGAAGA~}$ G GAGGAAAAGAAGGGAGAGAGGGAAAAAAGGGAAGCCACAGAGGGAGAG GGAAGAGGACTAGAGAAAGGCAGGAAAAGGAGAAGAGGGGAGGAAAAAAA G GCCAAAAGGAAGGGGGGCAGGGGGGCCAGGAGGGAGGAGGGGGGGACG AGGGGGACAAAGAGGCCAAAGGGAAGGGGGGAGACAAAACCGGCAGAAAG AAAGAAAGGAAAGGAGACCACGAGGGAGGGAGGAGGAGGAAAAAAGGAGA GGGGAACACACGAGGCCGGAAGGAAAGAAAACCAAAGAAGGCCGGGAAAA ACAGGGGGGGGGGGGAGAACCGGCCGGGGGGAAACGGAAAAGGAGCCGG CCCCGAAGCAGGGGAAGGGGGAGAGAGGGGACCCAAAAGGGGGATACCGA CCGGCCAAGGGGAGAAAAGGCCAAGGGAGGACGAGGGACCCCGGGGACGA G G G G G G G G A A C CAAAA G G G G G GAAGGAAAAAAAAGGGGAGGGAAAAAA G G G G G G G G G G G A A G G G G ACGGTTAAAA G GAAAACAAGGGCCGGGGACGG GGAGAAAACAAGACCAAAGGAAGGCCGGAAGGAAGGGGGAGACACAAGCA GAGGAAGAAGACAGACGGGAAAAGAGGGAGAGGGGAGGAAAGAGAGAGC ACCGGAGAAGGGGGGCCCAAGAACCCCAAAGAAGGAAGGAGAGAACCGGC AA $\operatorname{G}$ GGAGGAAGAGAGCAGGGGGACAGGACGGGGAGGGCCAGGGGAAGGG GGAGCCGGGGAAGGAGCCAGGGGGAAAGGAAAGAAAAAAGGGAGAAGGG GGGAAAAGGGGGGAAAAGACAAAAGGGAGCCCCCCGGGGCCGGGGGGAA GGGGGGAGGGGAGGAGGAAAGGCCAAAAGGAAGGGGCAAGGAAGGGAGA G G A G G G G G G G G G GAACCAAAAGAGATAGGGGCCCCCCAAGGAAAGCAGAG GGGAAAAGGAAGGAAGGAAGAGGAGGGGAGGAGAGCCAAAACCAAGGAAC CAAGGGGAAGGGGGCAGAGGGGGAGAGGGGGGGGAAAGGAGAAGACAGG AGGAAAGGAAGGGGAAGGAGAAGAAGGAGGGGGAAGAACCGGAAAAAAGA G G G G G A G GAAAGGAGGGGCCCCGGAGAGGGAGCCAACCGGAAGGGAGGA TGGGGGGAGGGAAGAGGAAAACCGGGGCCGAGAAGAAGACCAACAAGGGA ACGCCAAAAGGAAGGAGAGACGGGACAAGGACAAGGAGGGGAAAAGAGGG G G G C CAAA GCGGGAGAAAAAACCGGAAGGAAGGGGGGGAGAGGAGAAGG CCAAAAGGAGCCGGGGAAATGAGACCAAGGGAGAGGACAGCCAAGGAACA ACGGGGAAAAGGAAAAGGAGAAAGACGAGACCAAGGAGAGAAGAGACAGG GAAAGAAAGGCCCCCCGACCAAGGCAGGGAAAAAAAGGAACCAACCGGAA G G G GAA G GAACCAAAAGGCCAAAAGGGGCCAAGGAAAACCGGAACCAAGG GGAAGGAAGGGGGGCCGGAAGGGGCCAAGGAAGGGGGGCCGGAAGGCCG G G G G G G G G G G G A A A AAA G GAACCAGAAGGACGGAGCCGAAAAAGGGGAA AACAACAGGGAGAACCGAAAAGGAGGAGAGAAAGAAGGAAGGCCGAAGAG AA $\operatorname{l}$ GGGAAAAGGGCGGGGGAGGAAGAGAGGGGAAGGGAAGCCAAGGAGC CAAAGAGAGCAGGGAGAAAGGAAAAGAAAAACCAGACAGAGGAAAAAGAA GAGGGAAGGGAAAAAAAAAGGGGAAGGGGAAAAGGAAGGGGCCAAAAGG G G G G G G G G A A A A C CAA G GCCGGAAGGGAGGAAAAGGAAAAAAAAGAGAGA

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TTGGAACCAAGGAAAAAAAAAAAAAAGGGGAAAAAACCGGGGAAAAGGGG G G G GAAGGAACCGGCCAAAAAAAAGGGGGGGGAAAAAAAAAAAAAACCAA GGCCAAAAGGAAAAAACCGGGGGGGGGGCCGGGGGGGGAAATGGAGACA AAGAGCAGACCCCGGCAGGGAGGAAAAGAGAGAAACAGACAAAGAAGGGG GAGACAGGGTTAAGGGAGGAACCGGCAAGAGGGAATTGACCAGAAAGGGG GGGCAAAAAGGAAGGAACCAAGGACGAAGAAGAAGAAGAGGGGGAAGGGG A G G GAACAAGGGGTAGGAAGAAGAAGGAGAAGGAAGGGGGAAAGGACAA G GAAAGGGCCGGGGAAGGGGAACAGGAAGGAAAGAGCCCCAGGAGGAAG GAACCAAAAGAGACCCCGAAAAAAGAAAAAAAAAAAAAAGAGAGAGAAAG AGGGGGGGGAAAAGGGGTAACAGGAAGAATTAAGGAAAACCAAGGAGGAG GAAGGAAAACAAGAAGGAAGGAGGAGGGAACAGGACAGCAAAGGGGCAAA AAAAGAAAAGGCAAGGGAAAGGAAGAAAAAGGGCCGGAGAAGGAAGGAGG GAAGACCGGGGGGGGAAAAGAAGAAGGAAAAGGAAGGGGAAGGAGAAAA GGGGAAAAGGGGAGAACCAACCAGAGACGGCACCAACCGGGGAAAAGGCG GGACGAAGAGAAAAAGGGGGCCACGACAAGGAGACCGGGAAAGAAGGGGG AGACAAAGAAGGAAGGCAGAAGAAAAAGAGACACAAAAGGGGAGAGGACC AAAAAAGAGAAAGAGGAAAAAAAAAAGGCCGGAGGGAGGAAGAAAACCGA A G G GAGAAACAGACGAGGAAGGGGGGGGGAGGCCGGAAAAGGAAAGAGA G G G A A G G ACCCCAGGCCCAGGAAGAAAGGGGAAGGGGAAAGAAGAAAAAA ACACCAAAAAAAAGGGGAAAAGACAGGAAGAGGGGGGAAGGGACCAAGGG GGGCCAAAACCAAGGCCGGGGGGAAAAGGAACCAAGGCCAAGGAAAGGGG GAAACAGAAGGAAAGGAGGGGAGAGAGCCGGAGGGACGAGAAAAAGGGG GAAAGAAGAAAAATAAGGGGGGAAAAGGATCAGAAAGGACCAAAGGAAGG AACCAACCTAAAGGAGGGCAAGAAAAAGGAACGGGGGGCCTTGGAAGAAG AAGCACAAGGAAGGAAAAAAGGGGTTAACCAACCAAAAAAGAAGAGAAGG GGGAAAAGGGGGAAGGAGAAAAAGGGAGGAAGGGAAAGGAAGGGGGAAG GAAAACCAACCAAAGAGAAGGGGAGCCAGGAACAGGAGAAAGCAAGGAGA AGAAGAAAAGAGACACCAAAAAAAAAGGAGGAACACCCAGGGGAAAGAAA AAAGGCACACAACAAAGCCGGGGAAGGATAAGAAGAATAAAGGGGAAGAG GGAGGGGCCCCGGCGAAAGGGCCAACAGGGGAGCCAAAAGGAAAAAAGCA GAGAGCCCCAAAGGAACGGAAGGGACCCGAGGCGAGGAAAGAAAAAGGGA GAGGGGGAAGGGGGAAACAAACCAAACAGGGCAAAAGAATTGAGACAAAA GAGCCGGAGAAACCCAGGGAGGGAAGAAAGGAACAGGAAAGGAAGCAGGA AAAAGACAGGAAAGGAAAGAAGAAGAAGAGGGGGAGGGGCCGGAAGGGA GAGGGGAAGGGAAAGGCCAAGGAAGGAAAGGGAAAAAAAAAAAGAGGGCC AAAGGGGAAGGAGGGAAGGGGGAAAAAAAAGGAGAAAACCGGAGGGACAG G G G G G G GAAAAAGGGGAAGGCGAAGGAAGGAGAAACAACCAGGGGAGGG AGGAAGGCCAAGGAAGGGGCCGAAGATAAGGGGAAAAAAAAAGCCGGGGA GAAGGGAGAGGAACCGGGGACGGGGGGAAAAAAAAAGAACCGGGGAAAAA AGGAAAAAAAAAAAAGGAAGGGGAACAAAGGAACCAAAACCGGGGACAGA GCCAAAAGGAGAAAAAACCGGAAGGAACCAAAGAACCAGAAAGAGGGGGA AGAATACGAGGGAAAAAAAAAAAAAAGAGAAAAGACCAAAGAGGAAAAAC CGGGGGGGAAAGGGGGAACGAACGGGGAAGGGGGGGGAAAACCCCGAAG AAAGGAAGAAAAAAAAGGGGGGAAAGGGGGAGGCCCAGGGGGAGAAGGC CGGGGAGAAGGACGACACGAAAACCAAAACCGGGGGGAAAACCAAGAGAA CACAGCAACCAGGGGAGAGGGGGGGGGAAGGGGAAAAAACCGGAACAGGA AGAAGCCGGCCGGGGGGGGGGAAGGAAGAAAGGAAAAAAGGGGAAAAAG AAGGGGGGAAAAAACAAAAAAAAGGAAAAAAAAAGAAAGACAGAGGGGGG AA GAAGAGAGGAAGAAGAGGGGGGAAGGACGGCAAGGAGGGGAAAAAAAA G GAAGGGGAACCAGAAAGCCAAGGGAACAGGGAAAGGGAAGAGGGGAGA GAAAAGGAAAACCAAGGGACCAGGGAGCCACAGAAAAAAAGAAAAAGACG GCCAAGGAAGGGGACGAGAAAGGGAAGCCAAGGGGAGGAAACAGGGGAG GGGAAACAGGCAGAAAGGAAAAGGAAAGAAGAAGGAGGAGACGAGGGGAC GGGGAACAGGAACACCCCTTCCCCCCGAGAGAAAAGCAGAAGGAGGGGAC AAAGGGCCGGAAGAGGGGGACCGAAGAGAGAAGGCCAAGGAAAGCAGAAG CAGGGGCCAAAAAAAAGGAAAAAAGGAAAATTAAAGGGGGAAAAAAAGGG GAAGAACAGGAAAAGGAAAAAAAAGAGGCACCGGGGCAGAGGGAAAAGGG GG GAGAGAGACAGGAAGAGGAGAGCCGGGGAGGGGGGGACAGGGGAGGA CAAAACCAACCAAAGGGGGCCAAGGAGAACAGAGGAAGGCCAGGGGGACA AGGAAGGAAGGGGCAGGGGGGAAAGAGAGGGCAGAAGGGAAGAAACCAA AA $\operatorname{AGCCAGGGGGGGAGGGAGGGGGCAAGATGGAAAAGGAAAAGGGGAAG}$

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 AGGACAAGGGGAGAAGACAGAGGCCAGGGGAAGGGAACCAGGGCCGAAAC CGGATAGCAGGGGGACCAAGGGGCCACAACCAGGGAGGGGGGAGGGGAA AGGGAAGGAAAAGAAATTCCGGGAGGAACAGAGGAAGGAGGGCACAGAGG AAGGAGCAAAGGAGGAAACCCCAAAAGACCAAGGGGAAGGCAAAAAGAAA ACGGAGGGGAAAAAAGAGAGGGGAGGAGAGGAAAAAAACAAGGGAAGGCA GAGGGGGGGGGGGGGAGGGGAACCAAGGCAAAAAACAAGGGGAACGAGA AGAAGGAGGGGAAAAAGGGAAGGGGGGGGGGGGAAGAAAGGAAGAAGAC CAAAAGGGTTGGACAAGGAAAACCCCAAGGAAGGCCGGAAAAAAGGCCCC AGAGCACCAGCCCCGGGGAAGGGAGAGAGGGGGGGAGGGGGGGGAGATA AA $\ln$ AGCAAGAAGGAGAAGGAGAAAGAAGGGGAAGGGAAAGGGGGGGAGG GGGGAAGGCAGGGGAAAAAGAGGGGGAGAAAAAAAGAGGAGGCAAAAGA GGACCGGCCGGAAAACACCCCGGGGGGAAGCAGGGGGAAAAGGGGGGAG GGGGGGGAAAAACAAAGGGGAAAAGGGGGGGGAAGGAAAAGGCCAGAAG GGGAAAAGGAAAGGGCAACGGAAAGAGGAGGAAAGCCCGGAAATTGAGGA AA G GAGGAGAGAAGAGGAAGGGAAGAGACAGGAAGGGAAGGGGAAGGAA AA $\operatorname{l}$ G G G G G G G GAGGAAAGGAGGAGAAGAGGAAGGGAAAGCAAAGGAAAG GGGAACCGGAGCAACAGAGGAGGACAACACCAAAAAGAAGAAAACAAAAG GAAGGGAAGAGAAGGCCAGACAGCCAAGGAGAAAGACGGAGGAAAGACAG A G G G G G G G G A G G G A A G G G G A G G G G G G G A A G G G G G GAGGGGGGAGAACAA AGGAGGAGAACAGGCAAAAACCGGGGGGAGGAACGACAGGGGCCGGAAAC GAGAGGCCGAGGAGAGGGAGAAGGAACCGGGACCAGAGTAAAGGAAGGG GAAGGGAGGAAAAAAGGCCGGGGAACCAAAAGGAAAAGGAAAGCAAAGGA G G G GAGGAACAGAGGGGAAAGGAGGAACAGACAGGACGAAGAGAAAAGGC CAACCAAGGAACCGGAAAAAAAAAAGGAACCGGGGAGGAGAGGAGGAGGA GCCGGGGAAGGGGGACCCCGGGACCGGAAAGAATTAGGCGGGGGGAAGA AAGGAAGGAGAAAGACCAAAAAAAAGGGGGAAGAGAAGAACCAGGGACAA GGGAAAAAAATAAACCGGGGGGAAGGAAGGAAGGGGAAGGCCAAGGGGAA GGGGAAAAAACCGGCCAAAAAAAAGGGGCCGGAAGGGGAAAAGGAAAAAA G GAAGGCCGGGGAAAAAAAAGGGGGGAAAAGGGGCCAAAAAAGGGGAAAA G G G G G G A A G G G G G G G GCCAAAAGGGGAACCGGGGGGAAAAAAAAAAGGA
 G G GCCGGGGAAAAGGGGAAGGGGCCAAAAGGGGGGGGGGGGAAAAAAAA AGGAGGAGAAAGAGAAAAAAGGCCCCGAAGGAACAAAAGAAGGGGGAAAA G GCCAAGGGGAAAAAAGGGGGGGGGGACGAACGGAAAGACAGAAAAAGAA ACCCAGAGGGAAACAGAGGAGGGGGAAGCCGAAGAAGGAGACAGGAAGGA CCAGGGGGCCGAGGGGCAAGAGGAGGCACAAGGAGGAAGAGGAAAGGAG ACCGAGGGGGGGAGGGAGAAAAAAAGGGGAACCAAAGAGAGAAAAGGAAG GAAGGAAAGGAGAAAGAGAGAAAGGACAAAAGGGGGGGGAAAAAGAGGG GGGGAGGGAACCGGAAGAAGGGGGGGACAGGGAAGAAGGGAGGAGGAAA AAAGGAAAAAAGGAAAAGGAAGGCCGGAAAAAGGGAAAAAAGGGGAGGGA AGGAGGAGAAAGGAAGGAAGGGGGAAAAGAAGGAGGAAAAGAAAAAGGGA CAAGGGAGGAAGGGGGAGAAAGGGGAAGGAGGAAAAAGAGAGAACAGGA G GAA $\operatorname{l}$ GGGGGGAGAAGAAGAAAAAAGAGCCGGAAAGAAAAAAAAAGAAAA

GGGGGAAAAAGGGGCCGGAGAAGAGGAGAGGGGAGGGAAAGGAGAAGGA AAAGGAAAAAAGGGAAAAAGGAAAAGGGGCCGGAAAGAAGAAAAGGGGGG AA GAAGGAAGGAAGGCAGGAGGAGGAAAAGAAAAGAAAGGACAAGGAAGG GGAGGGGCAGGAAAAAAAGCCCACCAGCCAAAAGGGGCCAAAAAAGGAAA AAAGGAAGGCCGGAAAAAAAACCAAGGAAAAGGAAGGGGGGAAGGAAGGA AGGAAGGAAAAAAAAGGGGAAGGGGGGAAGGGGAAAACCAAAAGGAAGGA AAACCAAGGAAAGCCACCAAAGAGGGGGGAGCAAAGGAAAAAAAAGACCA AGGAGAACCGGAACCGGAGACGACCGGGGAAAAAAGGGGGGGAGGAAAAA GAAGGCAAAAAGGAAAGGGAGAGAAAGAGAAAAGGAAGGGAAATTGAGGA AGGAAGGGGAGAAGAGAAACCAAAACCAAGGGAGGGACCGGAGCCAAGAA AGGAAGGGGAGGGAAAAGGGGAAAGACGAACAGAGACGGAAAAAGCCAGG AAAGGAAGGGGGGGGTTGGAGCCAGGGGACCGACAACGGAAACAGGGGG AAGGGGAAAAGGAAGGAGACGAGGAGACAAGGAAGGGGAAGGGGAAAAAA CCAAGGGGGGGGAACCAAAAAACCAAGGGGAAAAAAGGAAAAGGCCGGAA G G G G G G G G G G G G G G G G G G A A A A A A A G G G GAA G G G G G G G GAA G G A A A A G G G G G G AA G GCCGGAAAACCGGAAAAAAGGGGGGGGAAGGAAAAAAAGGAAAG GAGAGAGGGAGAAGAGGAAGGAAAAAGGGAGAAAAGGAGAGGGAGAAAA G G G GACGAGGCCGGAAGAAGCCAAGGCCACGGGGGAGGGGGGAGGGGGG G G ACCAGAAGAGAGGGGGAAGGGAGAAGAAACCACAAAACAGGAGAGAGG GGGAGGGAGGAAGGGGGCCCAAAGAAAAGGGAACCAGAAAGAGGGGGAC G G A GAAAAGGGAAAAAAAAGAGGGCCAAAAGACCAGGAGGGGAAGGAAGA AA G G G GAGAGAAGAGAGAAAAAGGAGCCACAGAAGGGGGGGAACGGGACA GGCCAAGGGGAAGAAGAACCAAAGAACCGGAAAGAAACAGAAAGGGGGAG ACAAAGAGAGGGAAAGGGGAAGAGAAAGGAAGAAAAGGGAGGAACAAGGG G GAGGGGGAGAGGGAGGAAGGGAAGGGGCACCGAGGAAGATAGGAAAAG GGGCAAGGAAAAAAAGGGGAGGGGGAGAGAGAAGGGGGGGGAAGGGGGA GGAAAAAAGGAAAAGAAAGACCAAAAGAAGGACCAGAAAAAGACAAAAGA GAAGGGAGGACCAAAAAAGAGACAGGACAAGAAAGGGAAAGAGGAAACAA GCGAACGAGGGAAAGGGGAGAAGAGAGGCAAGAGGGGGGGCAAAAACCG GCACAAAGGGGAGGGGGGAGGAACCGGAGGGAGCAAAAGGAAAGGAAAG AAAAGAAAAGGGGAAAGGGGGGCCGGGGCCGGGAAAGGGGGGGAAGACA GGGAGAGGGAAGAGAAAAAGGAAGAGAAAAGAAGACAAAAAAACCACGAG AAAAGGACAAGAAAGAAAACAAAGGAAAGGGAGAAAAGGAAGGGAAACAG GACAGAGAGTTGGAAAAGGGGGGGGAGGAAGGGGGGGGGGGAACCAGCC GGAGGAAGAACCCCAGGGAGAGAAAAAAGGAACCAAAGGGAAACACAAAA AACCAAAAAAAGGGAAGGGAGGGGAGAGAGGGAAGGAGGGGGGGAAAGA ACCGGGGGGAGAGGGAAGGGGAATTCCGGGGAAGGCCAACCAAGGAAAAA AGGAACCAAAAAAAAAAAAAAGGAAAAGGAAAAGGAAAAAAGGCCAAGGA AAAGGCCAAAAAAGGGGGGAAGGAAAAAAAAGGGGGGAACCAAAAGGCCA AAAAAGGAAAAAAGGAAAAGGAAGGAAAAAAGGAAGGAAAAAATTGGAAG GAAAAGGAAAAGGAAAAAAGGGGAACCAAAAAACCGGGGAAGGGGGGAAA AGGAAGGCCGGGGGGAAGGAAGGGGGGGGGGGGAAAAAAGAAGAGGGAA GGAGAGCCGGAAGGGGAAAAAAGGGGGGAAAAGGAACCGGAAAACCAAAA G G G G G G G GAAAAAAGGGGGGGGGGGGGGAAAAAACCGGAACAGGCCGGG GCСТTGGGGAAGGGGGGAAGGGGCCAAAAGGGGGGGGGGGGAAAAAAAA AAAAAAAAAAGGGGAAGGAAAAAAGGAAAACCGGAAGGAAAAGGAACCGG G GAAGGGGCCGGAAGGGGAAAAGGAAAAAAGGAAAAAAAAGGAAAAAAAA AA $\operatorname{A}$ GGGGGGGGGCCGGGGGGGGCCCCGGAAGGAAAAAACCGGGGAAAAA AAAGGGGAACCGGAAAACCGGAAGGGGGGAAAAGGAAGGCCGGAAAAGGG G G G G G A A G G G G G G G G A A G G G G G G G GAACCGGCCGGCCGGAAAAGGAACC AA G GCCAAAAGGAAGGGGGGGGGGAACCGGAACCGGAAAAGGCCAAAAAA AACCCCAAAAAAGGAAAAAAGGGGCCAAGGAACCGGAAAAGGCCGGCCAA CCGGCCGGGGGGAAGAGAAACAAAAAGGAAGAAAAAGGACAAAGCCCAGG AAA $\operatorname{GAA} \mathrm{A}$ GAGGGAAGAGGGAACAAGAGAAAAGAAAAGGAAGGAAGGGGAG AA $\operatorname{l}$ AGAGAGAGAAGCAGGGAGAAGAAGAAGGGAAGAGGAAAAGGGGGAA GAAAACATTGGAGAAGGGGAAGGGGGGACAAAAGGAGCCCCGGAGGAAAA AGGGACCCCGGGGGGAAAAAAAGGGAAAGGGAAAGAGGGGGCCCCCAGAA AGGAGCAGAAACCAGAACCAAAGGAGGGGAAGGAAAGAGAGAGGAAGGGA AAAGGCAAGGGAAAACAAAGAAAACGAGGAAACAGAGGGAAGGGAAGACG GGGAAAAAAGACCGAAGAAGAGGAAGGGGGGAGAGAACCAGAAACGAAGG AAAAAAGGGGGAAGGAGAAGAGGGGGGGAAAAGCCGGAAGGGGGGGGAA

AAGGGGAGACGGAGCCAAGGTTGGAAGGGGGAGACAGAGGGGGGAACCA A G G CCAAAACAGGGGCCAAAACCCAGAGGAAGGGAAAGGAAAAAGGGGGG A GACAAAGGGGGGGGGGGGAAAGGGAAAAAAGGAAGAGCGGGGGGAGAA AA $\operatorname{G}$ GAAAAGGGGAAGAGGGGGGAGACGGGGCCGGAAAATTAAAAGGGAG G G G G G A G A AAAAAAGAAAAAAAAAAGAGGGGAACCAGGGAAAGAAAGGGG G G G G G A A G GAGGGAACCCCAAGGAAAAGGGAGGGGAAGGGGAGGGAAAA AAAGGAGGAAAAAACCGGTTAGACCAAAGGGAAGGGAAGAACGAAAAAGG GAGAAGCCAAAAAACAAGGGGGAAGACAGGAGGGAAGAGAGGAGGGGGAA G GAAAAAGAAGGAGGGGAGGCCGGAAAACCGGGGAAAAAGAGCAAAGGAA AAGGAAACGAACACACAGGGGGAAAGGAAACCAAGGGAAAGGAAAAGGTT AAAACCATAAGGAAAGAAGAACACGGAGAAAGCAAGTTAAAACACCGGAA GGAAAAGGCCGGAAAAACCCCCAACCAGAGAGAAAAGGGGAAAAAAGGGG GGGAGAGAGGAAGGAGAAGGGACAAAAGAGCAAGCCAGAAGGGAAGGAAA GGGGCAAAGGCAAGAACCCCAAAGAGCCAGAGCCAAGACCGACCGGGGAA GGAGAACCGAGGGGAGCCAGGGAAGGAAAGCAGGAGAAAAAAGGAAGAGG AAAGGGGGGGACAACCGGGGGGCCATGGAAAACACGCCGAAAGGAAAAAA AA GAAGAGCAAAAAGGAAGGAACCAGAAGGGGAAGGAAGGGGGGGGAAAA G GAAAAGGGGAGCCACAAGGCCGGGGGGAAGAGGAGAGGAGAAAAAGGA AGGAGGGAAAAGAGAGACCCCGAACAAAAGAACGAAGGAGGAACCGAGGA GAGGGACGGACCAGAAACAGCGGCCCCAAGGGGAAGCAAGGAGAAAGGAG GAAGAAGAGAGCCGACAGGGGAAAAGACAAGGAAGACGCCAAGGAGAGAC AAGCAACACGGAAAAGACCGGCGAGGACAAGACCAAGAAGGCAGGCACCA AA $\operatorname{l}$ GGGAGGGAGGCAGGGGAAAAGGAAGAGGGGGGCCACGACGAAGAGG
 GAAAAGGAAGAGGGGGGAGAAAGGAACAACAAGAAAAAAGAGAAAAGGGG
 GGCCGGGGAAGGGAGGGGGAGGTTAAAGAAAAAAGGGGAACCAAGGGGA AAAAAGGGAGGGAAAGAAAGAGGGAGGGGAGAAAGAAGAGGGGAAGAAAA GAGCCGAGGACAGAAAGAAAAAAGGGGCCGGGGGGACCAGGGAGGCAGG GAGGAAAACAAAAAGAAACCAAGGGGAGGGGGAAGGGGGGGGGAGGCCA ACCGGGGAAGGAGGACCAAGGAGCCCGGGAAGAGGGAAAAACCGGGGAAG GGGAAAGCCGAGGCAAACCGGGACCAAGGAAGAACCAGCAGAAAAAGAAG A GCACACGAAGAAAAAAAAGGGGGGGAAGAACCGAGAAGCCGGAAGGGGG GA $\operatorname{lC}$ CAA $\operatorname{l}$ GGGAGAAGGGGGGGGGGAAGAGGGAGGGGAAAAGGGGGGAA GAGGGGAGAGAAAGAGAAAGGAAAGGAGGAGGGGGAACGGAGAAGAGAA CAAGGCCAACAGAAGGGGGACAGAGGGGAGGAGGAAACCAACCAAAAAAA GGGCCAGGGGAAGTAACAGAGAAGGAAGGGGAAAGAAGGCAGAGGAAGG GAAAGGAACCACGGAGAAGGGGGGAAAGGGGGGAGGGGAGCCCCGGAAA CGGAGACGGCCAGACGAGACCGGAGGGAAGAAGCCAAGGGGAAGAAAAAA AGAACAGAGGGAAAACCGGAAGGACGGGAAAGAGGCAAAAACAAAGGAGG G GA G GAA G GAA G GAGGAGGGAGGGGAAAGAAGGGGGGGGCCAAAACCAG A GAGGAGAAACCAAGGGGGGGGAAGGGGAAGGGGAACCGGGGAAGGGGA GAGAGAGACGGGGGGCAGGGAAAAAAAAAAGGGGAAAAGGAAGGGGCCGG GAAAGGGGCCAGACGGGGGGGGACGGGAGAAGGGAGGGGAGGGAGGGGG GGGGGGGAGAAAACCAACCGGGGGAGGGGCCAAAAGATTAAGGGGGGAA AGAGAGAGAGAGGAGGGGGGAGAAAAAGGAAAAAGGGGGAAGAAAGAAA GAGGAGGAAGGGAAGGAAGGAGAACAGGAAGGGAACCGGAAGGCCAAAAG GGGCCAGCCAGAGAGCACAAGCCGGAAAAGGAAACAGGGGGAGAAGAAAA ACAGGGAAAAAAACAGAGAAGGAGGAAAGAAAACCGAAAGGGGAAAAAAA AAAGGAAAAGAAAGGAAGGAAAGGGCAAAGGGGGGGAAAAAGACCAAGGG AAACCAGAGGGCCATGGAAATGCAAAAAGAGGACCAAGGAAGGCAAGAGG AGAGGAAAAGGTTAGAAGGGAAAGGGGAAAACAAAAAGGGAAAGGGGAAA A G G G GAACAACGAAGAAAAGGGGAGGGAGGGAAGAGGAAAAACACAGGAG A G G A A A G G GAGGACAAAAGGGAGAGGGACCCGGGGAGAAAAGAGAGGGA AGCCAAAGCCCCAAACAAGGAAGGAAGGCCCCAGAAAAGAGAAAGGAGCA AGAGGGGGAGAACCAAGCCCAAGGAGGAAAAAGGAAGAGGGGGGAAGGG AAAAGAAAAGGCCGGAAAGCAAGAAAAAAGGGGCCGGAAAGCACAGGAGA AGGCCCCGAACAGAAGGAAGGAAAACCCCAGATTTAGAAGAGGAAGAAGG GAGAAGGGGCAAACCGGAAGAACGGAAGAACAAGGAGAAGGAAAAAACCG GAACCCAAAAAAAAACGGGAAGGAGAGAAAAGGGGCAGAAGGGCACCGAA AGAGAGAGGAAAACGAAAAGAGGGGAAGGAGGGAGAAACGGAAAAAGAGG

GGAGACCAAGGGGCCAATAGAGGGGGACAAAAGGGGGAAAGGGAAAAGGA A G G G G G GAAAAGGGGGGAAGGAAGGGGGGAAGGGGGGGGGGAAAAGGGG AAAGAGAGTAGAAAAAAAAGGGGAGGGAAGAACCCCGGGAGGAAAAGGGG G G G GAGAGAAAAGGGGAACAAAAGGGGGCCGGAGGGCAAAAGAAAGAAAG GAAAAAGGGGAGGGAGAGGGGAAAGGAGGAACGAGAGGGGAGCGAAAAG GAACCAACCGAAAGAGGGGAAGGGGGGAAGAAGCCAGAGAAGGAGAGGGA GAGAAGAGAGAAGGAAGGAGAGAACGGGGGGGGAGGGCCAGAAGGAAGG GGAAAAAACCAGGGACGGAGACAGGGCAGAGAAAAAAAGAGGGGGGAAAA AGGGGGGACCGGCCAAAGGAGGGGAACAGAGGAAAAAAGGGGCCAAAAGG G G G G G A G A A A A GAGAAGGAGGGCCAAGAAAA GAAAAGGAAGGAAAGGAGG GAGGGGGGAGAGGAAAAAGGAAAGAGGGAAAGGAGGAAAACCCCAAAAAC GGAAGGCCCCGGAAGAAACCAAGGAAAAAAGGGGGGCCAAAAGGGGAGAA AGCCCAGACAGACCGGAACCAACCGGAGGACAGACCGGGGAAAGCCAGAA AAGGAAAGAAAAGGCCCAGGAGGGGGAAGGAGGGAGCAGGGAGGAAAGA GAAGAGGAAAAAGGGGAGGAAAAAGATAAAAAGAGCCGGGGAGAAAAGGG GAACAGGGGGAAACCGAGAAGGGGAAACAGGGAAACAGGATAGGGGAGGA GAAAGCACAAAGGACGGCCCAAAGGAAAGGGAAGAAGGGGGAAAAAAGAA GGGAAAAGAAGAAGGGGCCGGAAAAGGAAGGGGAAAAAAAAGGAAAGTTA GAGGGAGGGAAGAAGCAAAGGAAAAAAGGGGCAAAGGGAGGGGCAGGGG GGAAAAAAAAAGGGAAGAAGCAAGGGGGGGAAGGAAAAAAAAAACCAAGG G GAAGAAACCGGAAGGGGAAAAAAAAAGGGACAAGGGGGGAGGAAAGAAA A GAAAAGGAAGGAAAGCCGGAAGAGAGAAGCGACAGGGGGAAAGAGGGAA AAGGAAAAAAGGGGAACCGGCCGGCCGGGGAAAAGGGACCAAAGGGGGG GTTAACCAAGGAAAAAACCGAAGGGAGGGAAAAAGAGAAAAAGGGGAAGG AAGGGAAGACCAAAAGGCAGGAAGGGGGGGGAAAAGAGGAACCAGAAAAC CGGGGGGCCCCAGAGGGGGCCGGGGAAGGAAAGGGGAAGGAAAGAACAG CCGGGGACGGGGAGAAGAGGGGCAGAAGGAAGAGGGAAAAAAGAGAAGC CGAAGGGGCGGGGGGACGGCAGGGAGAGGAACCGGAAAAGGAGGGGAAA G G G GA A A G GAGGGGGAAAGGGGAAGGAAGGGGAAAAAAAAGGAAGCGAA GCACACAAGGGGGAAAAGAAGGGGAAAAGGGCCAGGGAAAAGGAAAAGAA GGAACAGCAGAGAAAAAAAAGGGGGCAGAGGGGAAAGCCGAAGAAAAAGC CGCGGAAAACCGGGGAACCGAAAAAGGGCAAAGAAGGAAACGGAGAGAAG AA GAAAAAGGAAAGGAACAGGAAGGAGAGGGGAAAGGCCGAAAGGACCAG ACCAGAAAAGGAAAAAGCCGGAGGGCCCAAGCCGGGAAAAGAGAAGAGGA CAGGGGAACAAGGGGAGAGAGAAGCAAGGGACCACGACCGGAAGAGAAGG GAGGAAGGGAAAGGGAAAACCGAGGGGAGAAAACCAAGGGGGGAGGAAA GGAGAAAGCAAAGGAAAAGACCAAGGAACCGGAAAAAAGGGGGGAGGGAC G G A G G GCCAGGGGGAAAAGGGGAAGGGGGGGGAAGGCCAAGGAGAAAGG AA $\operatorname{GGGAAAAGGGGAGGGAAAAAAACAAGGGAAAGAGGAAAGGGGGAGAAG}$ GGACAGAAGGAGAAAGGGGAGAAAAATAAGGAAGGAAGGAGGGGAGAAAA GAAGGGGCCAAAAGAGGGAAGAGAAAAGAGGAAGGAAGGGAAAAGAAGGA AAGGAGAGAAAGAACCCAAAGAGAGAAAAACCCAAGGCCGAAGTTAAAAA AAAAAACAAGAGGGGAAAAAAAGGAAAGGAAGGGGGAAGGGAAAGAAACA GGGACCCGGAAAAAGAGAGACAGGAAAGAGGAAAAGGGGGGGGGGGGCA GCGAAAAAAGAACGGGGAGAAAGGAGAGAAGGAAGGGGAGAGGAAAAGCA GGAAGGAACACCGGACAGAGGAGAGAAAAAAAAAGGCCGGCCAAAAGGGA GAAGGAGGGGAGACGGAAAAACAGAGAGAAGAGGGGCCAGGGAAGGAGA A G G G GAGGGAGACGGGGAGAAGGAGGGCAAGAGAAAAAAGGAAGGGGGA G GAGAGAAACAAGAGAAAAAGGGGGGCCAACCAGAGGGGGGGAGGGGGC AAAAAGGAAGGCCAAGGGAAGAAGGAAGACAAAAAGGGGAAGACCCCAAG AAAAGAGAACCGACCGGGGAAGGGAGGAAGGAAGGGAAAAAGAACGAACG GGAAAAAAGAGGGAAGGAAAAGGGAAAAGCAAGAGAGAGAGAGAAAGAAT TGAAAGAACAAGGGGAAAGAAGAAGAACCAAGAAAGGAAGGGGAGGGCCG GACGAAACCAAGAAGAAAGGAGGGGGGGGCAAAGAAAAGGGGAAGGGCCA AGGAGAGAAAGAAGGGGGGACGGGGACGAAAAAAGGGGGAAGAAAGAAG GGGGCCGGAGAGAAAAAAGG
$22022000-9$ GAGGGGACGGAGGGGGAAGGAGAAAAAAGGGGCAAAAGAACC CCCCAAGGAGAGCAGGAAGGGAAGCCAAAAGGAACCGAGAAGGGGAGAGG AACCAGAGGAGGCCAGAGCCGGGGAAAGCCAAGGAAAGAGAAAAGGAGAG AGACGGGGAAAGAAGGAAAAAAGAAAGGAAAGCCGGGGCCGGAGGAAAGA AAGGAAAAAAACAAACGGAAAAGGGAAAGGAGGAAAGGAGAGACGGCCGG

AA $\operatorname{A}$ GGGAAGGGGGGGGGGGGGGGAGAAGAGGGGATTGGAAGGAAAGAAA AAGAACCGGGAAAGAGGAACCGGAGGGCAGGCCAGGAAAGAGAAAAGAGA AA $\ln$ AGGAGGAAGGAAAGCCAGGGGGAGAGCAGAGGAAACGAGAAAAAGAA GGAGGGGCCGAGGAGAAAAGGAAGGAACCAGAACCACGGGGAAGGAGAAA GCCAAAATTGAAAAAAGGGGGAAAACCAAGGAAAAAACATTCCGGGGCCG GGGCCAAAGCAAGAAAGGAGACAAAGAGAAAAGGGCAAAACAGAAGGGGA AGGAAAGAAGGGGAAAAAGAGAAGGAGGGAAAACCAGAAGAGGAAGAACA GCCGGAAGGGAGACCAGGAAAAAGGAGGGGGAAGAGAGAGAAACCGAGAG GAGAAAACCAGAAGGAAAAAAGGGGGGGGAAGGGAAAGGGGGGAACCAAA GCAGAGAAGGGCCAAAAGGGGGGAACCCCGGGGGGGGGGGGGGGGAAAA GGAAAAAAAAGAGACAGGAAGGGGCCAAGGGAAGGGCCGGTTGGGGAAAG AGGAGACCGAGAAACAAAGAAGGACATTAACCAAAAGGGGGGCCAAGAAG GAGAACCCGAAGAAGGAACCGGGGAAGGGGCCAGACAAGGCCAGCACCAA GGAAAAAGGAAAGGAAAACCGGAACAGGCAGGGGAAGGGGGGAAGAGGG GAAGGGGAAGGGGAAGACCAAGGAAAAAAGGAGCCCAAAGGAAACGAGAT AACAGAAGGAAGGAAGAGAGGAGGAGGGGAGACGGGGAAGGAAGGAAAA GAACGAGGAAAGATAAGAAGGGGGAAAACCGAGACAAAACGAGAGGAAGG GAAGGAAACCGGAAAAGGGGCCGGAAAACCAAGGAAGGGGAAGGGGAACC AAAAAAAACCGGCCAAGGAAGGAAGGGGAAGGGGGGGGAAGGGGAACCG GAACCCCGGGGAAAAGGAAGGCCAACCGGCCCCAAAAAAAAGGAAGGAAA AAAAACCGGGGGGGGAAAAAAGGAAAACCAAGGAAAAGGGGAAAAAAGGA A G G G GCCGGGGGGAAAACCGGAAAAAAAAGGGGGGAAAAGGCCAAAAGGA A G G G G AAAAAAGGGGAATTAAGGGGGGCCAAGGAAAAAAAAGGAAAAAAA ATTGGAAAAGGGGGGAATTGGCCAAGGAAGGCCAAGGGGAAAAAAGGAAG G G G AA G GAAAAGGTTGGGGAAGGGGAAAAAAGGCCAAGGGGGGAAAAAAC CGGGGAAAAAAAAGGGGAACCGGAAGGCCAAGGGGCCAAAACCAAAAGGC CGGACGAAAGAACCCAGCAGAGAAGAAAAAAAACCAAAAGGGGGGAAAAA G G G G G G G A TAAGGGGGGGGAAGGAAGGGAGAGGAAAAACAAAAGAAAAA AGGAAGAGGGGGAAGGGGAGGGCAAGGGGAGGGGGGGGGGGGAAGGAAA AAAGGAAAAAAGGGAACAGGCGGAAAAGGGGAAAGGGGGAGGGAACCGG G GAAAAAAGAGGCAAAAACCAAGGAAAGAGGGCCGGGGCCGAAAAAAGGG AGGGGGTAAGGGAAAGCCCAAGAAGGAACCAAGGGGAGGGACAAGGGGG GGGAAAAAAACAGAGAGAGAAGAGGAAAACCAAGGGGCCCCGAGAAAAAA AAAGGATCAGAAGAGACAGGGAAACGAAAAAGGCCAGAAAAAGGAGGAGG GGGAAAAGGGGAAAAACGGGGAAGAAACCGGGGGGAGAGCGAAAAAAGG GGAAAAAAGGCCGAACAACCAACAAAAAAAAAAAAGGCGAGAGAGGGGAA G GAAAAAACCAAAAGGAAGGAAAAGGGGAGGGACGAGGAGGGAGAAGGAA GGCCCCGGAAGGAAAAAGAACCGGAAAGAAACGGAGGGAAGGCCAGGGAG GGGGAAAGCCAAAGAAAAAAAAAAAAGGAAAAGGAAAACCGGAAGGGGAA AAAAAACCAACCGGGGGGCCCCAAAAGGCCAAAAGGAAGGAAAAAACCGG CCGAAAAAAAAAAAAAGGAACCAAAAGGGAGGGAGGAAAAGGGAGACCAA G G G G GAGGAAAAGGGAACGGGGAACCAAAACCCAAGGACCGAGACCACAG CCGAGGGGGGAGGAAAAAAAAAAAGGCAAGGGCCGGAAAGGAAAGAGGAA G G G GAAA G G GCCCACCACGGCAAGAGGAAAGGGAGGGAAAAGAAGGCGGA AAGAAAGGAAAGCAGAGCAGCAGGAGAAAAGGCCAGAAGGAACCGGAAAA CAGAGGAGGGAAGGGGGGGGCCAGGGACGGGAGGAAAGGGCAAAAGAAG GGGCCAAGGAAGAGACCCCGGGGACGAGGAGGGAAGACAGAAAAAAAGGA A G G G GAA G G G G G G G GAAGAGAGGGAAGGAGGCGTTGGTTAAAGGAGAGA GAAACCAGGAAAAAGGGGGGAAAAAAAGGGAGAACCGAAGGACAGAAAGG AAAGCCAAGGGGAAAGAGACCAAGAGAGAGCCGGAGAACCAGAAAAGGGA TTAAAAGGAAAAGGGGGGGGGGAAAGAGAGGAGGGAAGGAGGCCAACCAA AAGAGAGGAGCCAGGGAAAAGGGACAGGCAAAGAGGAAAAAAAAAACAGA GAGGGAGAGGAAGGACAAGGAAAAGGGGGGAAGGAAAGGGGAGGCACCA AGGGAAGAGAGCCAAAAGGAAAGAGCAAAGACCAAAAAAAGGAAGACGGG G G AAA G G GAGAGAGAAAAAAAAAAACCGAAAGGGGAGGGGAGGAAGGGAG GGGAAAAAAGGGGGACCGGGGAAGGGGGGCCCCAGGGGGAAGGGGGAAA AGAAGGAAGAGGCCAAAAAAGAGGGAGAGGAACAGGGAAGGAAGGGAGCC G G A G G G AAA GCCGACCAAGGGGGATTGGGGAAGGGGACGAAAAAGAGGG G GAAGGGAGGGGGGGAGAAAAAGAAGGGAAGAAAGGAGGAAAACAGAGG GAGGAGATAGGGAGAAGAAGGAGAAAAGGGAAAAAACCGGGGAAGGAAAA G G G G G GAA G G G GCCGGGGGAGGAAAAGGAACCAACCAAGGGGGGAAGGG
 AA $\operatorname{G}$ GGGAAGGAAGGAGAAGGGAGGAGAGAGAAGGGGGGAAAAGGCCAAA CAGGGAAAAGAAGAGGGACAAGAGAGGGGAGAAGAAGAAGAAGAAAAGAA GAAAGGAGGGGAAGAGGGGGGAAAGGGGAGGAAAAAAAAGGAGGGGGGGG AA $\operatorname{A}$ GAAGGGGCAAGAGGAGGGACCAAGGGGGGGAGAGGGGAAAGGGTTA AAAACGAGGAAAAAGCCGGAAAAGGAAGGAAAAAAAGAGAGAGAAGGAAA AA $\operatorname{la} A \operatorname{AACAGGACAAAAGAGGGAAAGGGAAAAGATGAAAACGGGGAATTG~}$ GAAGGCCGGGGGACGGGCCGGAAAAGGAGAGAAGAAAGGAACCGGAAAAA G G A G A GAGGGGGAAACCAAACGGGAGAGAAGAAAAGGAAAGAAAACCAGA TGGGGGGAAAAAAAAGAGGAGAGAAAAGGGGGAAAGGGAAGAAGAGAGAC CAACCGGACAAGGGAGGAAAAGAAAGGACAGCCAGAAAAAAGGAAGGGGA AAGGGAAAGTTCCAAGGTAAAAACAGGGAAAAGAGAGAAGAAAAAAGGAA GCCCCAAAAGGAAGGAAAACCGGGGGGAACCGGAGGGGGGGAGGGGGAA CAGGGGGGGGGGACAAGGAAGGGGGAAAAAGAAAGGCCGAGGAAAAAGA GAGAAAAAAAGCCAACCAAGGAGGGCCCCGGAGAAAAAACAGAGGAGAAA AGGAAAACCAAGGGGGGAAGGTTCCAAAAGGCCCCAAGGAAGGCCGGGGG GACCCAACCGGAAGGAAAGAAGGAAAAGGAAGGGGCGAGAAAAAGAAAGG AACGGAAGGAAGGGAGAAAAAGGGGAGCAGAGGAAGGGGAAAAAAAAAGG AACAGAGGGGGGGGAGGAAAACCGGCCAAAGCAGGGGAGAGACAGGCATG A G G G GCCGGAAAAGAAGGAAGGACAGAGGGGGGAGAAAGAGGGGAAGAC AACCCAGAACAAAAGGAGGGCCGGGGGGAACCGGAAAAGGGGAGGGGGCA A G G G GAA GACAGAACAAGAAGAAGACAGACGAAAGGAAAACCGGTAGGCA AGGGAAAAAGGAAAAAAGCCGAACGGAGGAAGAGGGACGAAGAAGGGGGA
 GCCGGACAGGGAAGGGGAAAAGGGAGGAGCCGGACAGCCGAGAGAAACCG AAAAAAGGACCACGGAAGGCAGGAAGGGGAAAAAGGGAGCAACGGGGGGA GAGAAAAAAAGAGAGGGAACCAGGGAAAAAGAAAAGAGGGCAAGAAAAAG GAAGGAAAAGGGGGGAGACATGGGGAAAAGGAGGGGGAACCAAGAGGAA CAAAAGGGCCAACCCCCCAAAAGACCGGGGAACCAAGGGGAAAAAAGGGG AGCGAGAGCCGGGGGGGGAACCACGGAAGAGACCAAAAAGGAGAAAAAGG AAACAAAAGAAGAAAAAAAAGAAAGGAGGAAGGGAGGGGGAACCGGAACC GGGGAGGAAGAGGGGAAGAAGGGGCACCGGGGAAGGAAGGAAGCAAAGA GAAACAGAGCAGGGGAGAGGGAAGGAAGGGGGGGGGGGAGGGGCCCAGA GAGAGAAAAAAGGAACGGAGAAACACGGAAAAAAGGGGGGGGGGAAAAAA AAAAGAAGCCGGAGAAAAGGAACAAAAACGACGGAGAGAAGGCGGGGAAG ACCAACCGGGAAAGCCGGGGGGGGGGGGAAAGGGCCGGAAAGAGAAAAG AA G G GAGAGAAGAGGCCGGAAAAAAAAGGCCAAAAGGAAAACCGGGGGGG GCGAGGGAGGGAAGGGGACGGACGGCAACGGGGGGCCAAAGAGGGAAAA AGCAGAGAGGAAGGAGAAAAGACAAGCCGAGGACAGGAGGAAAGAGGAAG A G GAAA $\operatorname{A}$ GGGAGGGGGGGGAGGGGGGCCAAAGGGAACCATAAGAATGGG ATTAAAAGGAAAAAAGGGGGGGGGGGGGGGGAAGGGGAAAAAAAAGGAG G GCCGGAGGGAAAAGGGGAGCGCCCCGGAAGGAAAAGGAAGGAGGGCCG AAACAGGGGAAAAGGGGAAGGCCGGGGAAAAAGAACAGGGCCAGGGAGAA AAAAAGGGGGGGGAAGGAAAAAAAGAGGAGAAGACGGAGAAGAAGAGAAG AGAGAGGAGAGAAAAGAGGAGGGGAGAAGAAAAGAGGGGGAGGACGGCC AGAGACAGGGCCGGAGAAGGAAGGAAGGAAGGAGAGCCGAGGAGAGGGA AGGAAGGAAAAAGGAAAGGCCTTCCCCAAAAGGAAGGGGAACCAAAAGGT TAAGGGGAAAGAGAAGAAAAGGAGAAAAGAAGGCAGAGGAGAACAGGAAA AAAAAGGCAAGGAAGGGCCGGGACCGAGGGAAAAAGACCAAGAACACAAG AAAAAAAGAAGGGAAGGGGAGGGGGGGAGAAAAGGGGGGAGGGACGGGG GGGGAAAACCACGGAAAAGAGGAAAAAAGGGAAAGAGGGGCAAAAAGGGA CAAGGAAAAGAGGAGGGGGAGGAAAGAAGAAAGAAGCGCCAAAGGAAAAG GAAAAAGGAGAAAGGGGGAAGACAGAGAAGGGGAGGAAAAGGGGAAGAAC GGGGAACCGGGGTTAAAGAAGGAAAAGGGGGGAAAGAGGGGAGGGGGGA AAGGGCCAACCAAAGGAACCACAAGAACCCCGAACAGAAAGAGAAAAAGG GGGAAAAGGCAGAAAAAGGGGAAGGGAGGAAAGAAGCGGGGAAGGGGAG G G A GAGGGAAGGCCGGAAGGGAGGAACAGGAAAGGAATAGGGAAAAAGA GGAAGGGGGAAAGACAAAACCAAAAGGGACAAACCAAGGGGGGGGAGGGG GAGGGGGCCAAGGAAGCCAAAAGGAAGGGAAGAAAAGTAAGGAGGGGGA GGAAGGCCAAGGCCCCGGGGGGGGAAAAAGGAAAGAGGCACCGAAAGAAG GGCAAAGGGGGGGGAGAGCAGGGGAAAACAAGCCCCAAAGAAGGGGAGAA

G G G G G G G G G GCCAGAAGGGGGGAGGGAAGGGGAACCTTGGCCCCGGAAC CAAAAGAAAGGGAGAAAAGAAGGAAGAAGGGAAGAGGGGAGAGGAAAGGG GCCGGGGGGGGAAAACCGGGGAGGGGGGAAGGAAGAGAAGGGAAAGAAA AGGGAGGGGGGGAAGGGGAGTTAAAAAAGGGGAAGGAAAACCAAAAAAAA GGAAAGAAAAAAGAGGAACCCCGGAAGGAAAAGGGGAACCGGGGAAATAG AGAACCGGAAGGCCCCGAGAGGACGAAAGGGGGGAACAAAAGGAGACCGG AAAGGAGATAAAAAAAAGGCGAACGGAGCCAACCAAAAGGCCGAGGGGAC AGGGAGGAAAAGCAAAAGAAAGAAGGCCGAAAGAGGAACCCCCCAGCCCC ACGGAAAGAACAAAGGTTGAGGGGCCGGCAGAGGAAAAGAAAAGAGGACA GAAAGAAGGAAGAGATAGAAGAAGCCAAGGAGAAGAGGAAGAGGGAGGAA GAAAAGGAGGAAAACCAGGGAAAAAGGGAAAACCAAAAGAAGGGAGAAAA ACCCAGAAAAGGAAGAAAGAGGAGGAAGAAGAAAAAAAAGGGAAAAAAGG AAAAAAAAGAAAAAAAAAGGAAGAAAGAGGGGGGGGGAAGAAGGACGGGG GGGGAAGGACAGAAGGAAACCCGGAGAAGGAAAAAAAAGGAGCCGAGGAG G GAGTTGGACGGAGAAAGGAAGGAGAAACGAGAAAAGAGAAAAAGGCCCC GGAAGGGGCCGGAAGGACGGGAAAGGGGCAAAAAAAGGACAAGGAAAGAG CAAAAGGAAAGAAAGGCCGGGGAAAAGACCGGGGGGGGAAAAGGGGGAAA AGCCGAAGCCAAGAGAAAGGAACCTAGGGGCCAGAGGGAGAAGGGGGGGA G GAAAAGGGGCCGGGAAGAGGGGAAAGGTAAGGAAAAAAGAGAAAAGGG GAAAAAAAAAAAAAAGGAAGGGGAAAAAAGGAAGGGGGGAAGGAAGGAAG GAGGAGGGAGGAAGGGGCCGGAAGAGAGGGGCCGAAAAGAAGGGGGGGA GAGGAAAAAGAGTTAAGGACGAGAGAGAAAAGACAAGGGACCAAGGAAAA AA G GGGCCGGGGCCTTCCAGGAAGAGAAAAAACGCCAGAGAAAAGGAAAG AAAAGGAAAGAGATGGAGCAAGAACCGGCACCGGAAGACCAAGAAGAAGG GAAAGGAGACATGGGAAGGACCAGAGAAGGGGGGAAGAAGAGAGGGCCAA GGGGGGAAGAAAAAAAGGGACAACGAAGGAGGGGAAAGACCAAAGGGGAG A G G G G G G G A A G G G G G G A A G GAAGGGGGGGGAAGGCCAAGGCCAACCAAG GGGAAGGGGAAGACCGGAAGAAGAAAAGGAAAAAGACAGAGGGAGGGAAA AAAAAGGAACCGAGGAAAACGAGAAGGGGAAGGGAAGGGAAAGCCAAAGA GGGAAAACCGGAGAAAAGGAACAAACCGGGGAAGGTTAAACAAAAGGGAA CGAGAGGAAAAGGAAAAAGAAAAAAGGAAGGGGAGGACAGGAAGGAAGAA ACCGGAACAAAGAGGAAAAGAAGAGAGAAAGGGGGGGGGGGAAAAGAGGA A G GCAA GAAGAAGGGAGAAGAGGAAGGAAGGGGGGGGGGGGAAGGAAGG G G G G G G A A G G G A CAGAAAGGAGAAAAGAAGAGGGGGAGGGGGGAAAAGA A G G G GAGGGAGATGGAATTGGAAGGAAGGAAGGAAAAGAAGCCAAAAAGG GCCAAAAAGCACCAGCAGAATGAAAAAATAAACAGAAAAGGAGGAGGAGG AAAAAAGAACGGGAAACGGGGCCAGTACCGGAACAGGAAGGAAAAAAAAG GAACCAAAAGACCAAGGAAACGAAGGGAAAGAGGACCGGCAAACAGGGGC AAAAAAAAAGGGGAGGGAGCCCGAGGGCGGAGAAGGGCCAAGGGGAGAG G GAACAAAGGGGAAAGGGAAGGGGAAAGAAGGGAGGAACCGAGGGGAAC AAGATCCAGCCGACCGAAAAGAAAAAGAAAAGGGGAAAACAGAACGGGGG GGGAAGGGGGGAGAAAAGGAAAAGAAAAAAGGGAAAAAATTAACCGGGCG AAGAAAAGAAGAAGGAAAAGGAAAAGGAAGAGGAAAGCCAAGGGAGGGGG GCCCAAGGAAACCGGAGAGCACCGGGGGGGAACAGAAAGAAAAGGGGGGA AAAGGAAAGAGGAAGAGGGAGAGAGAGGAGGAAAAAAAAGGAGCCGGACG AGGGGCCAGATAGGGGGACGGGGGACCGAACCAGAAGCACAACCCAAAGT ATTGAAAAAAGAAAAAAAGAAGGAGGGCCCCAAAAAAGGGGGGAGGGGGA AAGGAGGAAAAAAACGAAAGGGAAAAAGGACGGAAGAGGAGAAAAAAGGC AAACCAAGGGGGGAAGGAAGGGGAGGGAAGGGGCCAAGGTTGGGAGAAA GACCAGAGAAAGAAGGGAGACAGACACAAGAGGGAGCAGAAGGAAACCAA ACGGTTAGAAGGAAGGAAAAAAGGAACCAAAAGGGGGGAAAAAAAGAGAA AGGGAAGGAAGGGACCGGGGGGGGAAAACCCCCCGACATTGGAAAGAAGA A GCAGAGGAAAGGGGACCGGGGGGGGAAAAAAAAAGAAGGGGAACAGGAA G GAGGGAAAGCCCAGGGAGAAGAGAGAACCAAAAAAAGCCAAAAAGAACC AAAAACAGGGACAGCCAAGAAAAGAGCCAGGGGGGGGGAAAAGGCCGGAG G G G G G GAGAAGGAAGGCCAAGGGGAACGAGCCAGAAAACCAAAAAACCAG CCGGAAGAGGAAGAAAGGGGGGGGGGCCGGGGAAAAAAAAGAAAAAAGAA AAAAAAGGACAGAGGAGGAAGGGGGGAAGGCCAAGGGGAAAAAAGGAAGG AA $\operatorname{A} A A \operatorname{ACCGGGGGGGGAA} \operatorname{G} \operatorname{GAGGGGGAGAAAGGAGGGGAGGGCCGGGGA}$ GAAGGAAAAGAACAAAAAGGGCCGGGGAAGGAACAATGAAAAACCGGGAA AAAGAGAGGCAAAAAAAAAAAGAAAACCAGACAAAAGAAGGAAAAGGAAC

CCCAAGGAACAAGCCAAGGGACACCGGAAGGCCGGCAAAGAGGCCAAAAG GAAAAAAAAAAAGCCGGCCAAAAGGCCGGAAAGAGAAGAAGAGGAAGAGG AAGCATAAGAGGAAAGACAAAGACCAAGGCAGGCCAGGGACAAGGCGAGA GAAGGAAAAGGAAAAGGGGGGACCACCGAAAAAAAGGGGGGAGCCGGAAA AAAGGAAGGGGGATTGAAAAACCCCGGCCAGGAGAAACCCAGAGGAAAAG GAAAAAAAAGAGAGGAGATAAAAAAAGGAAAGGGGGAGAAGGGAAGGCCA G G G G G G G G G G G A G A A A CAGGAACGGCCGGTAGGGAGGCCGGGAGGGAAC G G G A A A A G G GAGGGAGGAAAGGACAGGGAAAGGAGAAAAAAAAAGGGGAT AAGAAAAAGAGGAGAGAAAAACTTAAGAACGGAAAAAAAAAAGGGGAAAA CCAGATAAAAAAAAAAGGAGCCAGAGGGGGGGGGGGCCGGGAGGGGGGG GGAAAGGAACCAAAATTAAAAAGAAAAGGGAAGAAGAGGAGAAGGAAATA GAAGAAAGGAAAACCGGGGGAGAGGAGGGGGGAACAGAGGAGCGAAGCC GAAGCCAACCGAAGGGCCGGGGAAAAAAAAGGGGAAGGGGAAGGGAGAAC AAAGAAGGGGAAGGAAAAAAAAAAAAGAGGGGAAAAAGAAAAAAGGCCGA GGCCAAAAGGCCGGAAAATTGGAGCGAAGGCAGAGAACAACCACAAGGGG AAGGGGAACCAATTAAAAAAAAAAGGAAAAGGAACCAAAAGGGGGGGGGG AACAGGGGGAAAGGAAGGGGCCGGGAAAAAGGGGGGGAAAGAGGGGGAG GCCAA G G G GA GAACACCGGGGACAGGAAGAGGAGGGGAGGAGACAGGAA AA G GAAAGCAAGGAGGACAGAGAGTTAAGGAAGGAGGGCGAAGGGAAAAA AA G G AAAAGGGGAGGGAAGAAAGGGAGGAACCGGCAAGGGGGAAAAACAA A G G GAGAAGAGGGGGGGGAAGGAAAAAGGGCCAAGGAGAAAAGAACAGAA AA $\operatorname{l}$ GGGAAGGAAGGGGAAAGGGCCGGGGCCGGAAGGGAAAAAAAAGAAA GAGGGGAGGAAAAGGGGGCAGGGAAGGGGAAGGGGAGAAGACCCCAAGG GGAAGGGGCCAAGGTAGAAGAGGATAGGTTCCGGACGGGGGGAAGGACA GAACGAGGAGGGGAAGAAGAGAAAAAGAGACAGGAAGGGAAGAGAGGAAA AAAAGGGAACAAAAATTGGAGAAAAAGGAAGAAGGAGAAAAAGGAAGAGA GCGAACCTTGAAGGGGGAGAGAAGGAAGACCGGAGGGACGGAACCAGGAA AGAAAAAAAGAAGACGAGAAAGAGAAAAAGGAATTACAAAGAACGAAACG GAAAGGAACAGAAGGGGCCAAAGAAAGAGCAGAAAGAAACCTTAAAGGAA GAGGGGGGGGGAGGGAAGGAACCAAAAAGGAGAGACCACAAAAGGGGAAA AAGAGAACAAAAAAAGGGACAAAGAACAAGGAAAAGGGGAAGCGAAGGAG GAGAGAGGAGAAGAGGAAAAAAAGGAGAAGGAACCAAGGAAACGGAGAGA CAGCCAGGGGAGGAGCCGGCCAACCGAGAGAGGACGGGGGGAGAACCAAA GCCAAGGGCAAAAGGAAAAGGACGAAAGGAAGACCAGGGAGAAAAGGAAA G G GCAG GAAAAGGAAGGGGGAGAGGGGAAGGAGAGGAGGAAGGCCAACC G GAAGGGGAGAAACGAAGGGGAGAGGGCAGGGAAAGAGAACAGGAAGAA AAGAGAGAAGAACCCCCGGGACAAAAAGGGGAAGAGGGGAAGGAAGGGGG GAAGGGACCAGAAACAGGGAGAAAAGGGGAAAAGGAAAAGGGGCAGAGAA GAGAGAGCCAAGGAAGGGGGGGAAAGGGGGGAAGGAAGAAGGAAAAAGA GGGGAAAAAAAAAACCCCAAAGGGAAGGGGGGCAAAGGCCAAGGGGGAAG G GCAGAAAAGGGGGAAGGAGAGCAGAAGAAGACCGAAAGAAAAAGGACAG GAAAAGAGCCGGGGAAGAAGAAGGGAGACCGGGGGGGGAAAAGGAGACA A G A G G ACAAGAAGAAGAAAGAGAGGCCAGAGCGGGGGAGAAGGGGACGG GAGGAGGAGGAGAGAGGGGGAAAGAGGGACGGGAAAAAGAAAAGGGGAC CGAAAAGAAAGAAGGCGGACCACAGGAGAGGAAGGCCGAGAACAAAGAGG ACCAACCGGGGGGGGGGACAGGAAGCCAGGAGGAAGACCGGAGGGAGGG AAAAGGTTGGAAGAAAGGAAGGAAAAGGAAAAGGGGCCACGGAAGGGGAA GGGGGGCCGGAAACGAAAGAAGAAAGGGGGGAGAGGAAGGGGAAAGAGG GCCAAAGAGGGAAAAAAAAGAGAGGGAGAAGAGAGGGGAGGGGCAAGGG G GAGGGAGAGAAGGAAGGGGACAGAGGGGGGGAAGGCCGGTTGGAACCA AAAAAAAGGGAAAGGGAGGAAAAAAGGGGGAAAAACAAACAGGAAGGGGA GAACAAAGGAAGGGGGAGGGGGGAAAACCAGCCGCAAAAGAAGAGAAGGA A G G A G G G G A AAAAAAAGGGGGGGCCGGGGAAGGGGGGAAGGCCAAAAGG GAGAGACACAGACAGAAAAGGAAGAAGGAAGGGGAGGGAGGAGGGGGGC AAGCGAGGGCCAACACCAAGGAAGGAAAAGGAAAAGGAAACAAGGCCAAG AAAGAACGAAGAACAGAGAGGAAAAGGGGGGAAAAGGAAAAAAGGCGAAA ACCAGACGAGGCCGGCCGGGAAGAAGGAGAAAAGAGGGAAGGGGACCAAA GAGAAGAAACCAAGGAAAGGGAAAAAGGGCCGAGGAAGAAAAAAGTAGGG GGGACACGGGAGAAGAGGGAAGGGGGGCCGGGAAAAAAAGGAGAAAGGA AA G GAAGGGGGGAAAAGGGGAAAAAAAAGGAAAAAAAAAAGGCAGGAAGA A G G G G GCCGGGGAGCCGGAAGGCAACGAGAGGGAACGAAAAAAGGGGGA

AGGAAGACAAACCCCGGAAGGGGGGAAAAAACCTTAAGGCCAAGGGGGGC CAAGGAAGAAAGGAAGGAAGGGGAAAAAAGGAAGGAAAAGGGGGGAAGGC CGGAACCGGGGGGGGGGGGAAGGGGGGAATTGGAAAAAAAACCAAAGAG TACCGAAAAAACAAAGAAAAAAAAAAAAAGAAGAGAAAGGGAACGAGAAA GGCAAGAAAAGGGGAGGGGAGGAAGGAAAAAAAAGGCGCAAGAGGAGGG G GAAAAGGGTTGGGAGAGAGGAACAAGGGAGGAATAACCAACCGCCCGAA AGGGGGGGGAAGGGACAAAAAAGGAGGAAAAGGCCGAAAACGGAAGGAG GAGGAAGGGGAAAAGGGGGGAGGGAGAAAAGGGAAAAAAACCGGGGCCA GAAAACCGAAAAGAACCGGGGCCAGGGAAAGGACAGAGGGGACGAACGAA GAAAGGAGAAGGAGGAAAGACAGAAGGGGGAGCGGAGGAAAAGCAAAAAG
 AAA $A$ CGGAGGGGAGACGGGGAAGGGGGGAAAAGGAACCGAAGGGGGGGA AAAAGAGACGGGAGAGAAAGAAAAAAGCAAAAGGAAAGAGAAAAGGGAGG GGGAGGAGGGGAGGAGAAAGGCCAAGGAAAGAAGAAGAAAAAGGGGGGG AGAAAGGGAAGAAAAGAGAAGGGGAGGAGGGGGGAAGGAAGAAAAAGGG AAAAAGGAAAAGGGGGGAAAAGGAGGGAAAGAAAAAATTGAAGCCAAAGA G G G G G G GAACCAAGAAGCAGGAAGGCCAGACGAAGAGGGGGGGGAAAAA GGAGCCAAAAAAAGAAGGGGCAGGAAAAGACAACAAGGGGGGAAAAATGG AA $\operatorname{l}$ GAAAGGGAAGGAGAGGAGGGGGGCCCAGAGGGGAAGGGGAGGGGAG GAAAAGGGGAGAAAGAGCCGAAGGACAGGAAAGAGAGAAAGGAAGGAGGA G G GAGAGAAAAGGAAAGAAGAAGAGGAAGAGGGGGAGAGATGAGGAAGG ACAAGACAGGGGGAAAGGGAAAAAAACCAAAAGGAAAAGGAAGGAAGGAA ССТTGAATGGCAAGAAAACCAGGGGAAAAAAGGGGGGGGGAGGAGAAAGG AAAAAAGGGGAAGGGAGGAAGGGGCCAGAAACAGGGTTCAGGGGAAAACC AAAACCAGGGGGAAAAAAGGAAAGGAGACAAGAAAGAAAGAGAAGGCCCC AACCGAAAAGAAGGAAAGGGAAAAAAGGAAGGAAGGAACCGGGGAATTGA CCGAACGGGACCAGGAAAAGGGAGCAGGAGCAAAGGAACCGGGGGGGGAA AAAGGCGGGGGGGGAAAGAAAAGGGGGGGGAAGGAAAATTAGGGAGAAG GAAAGAGAGAGAAGAGGAAAAAGGAAAGGAGGCCCAACCAAGAGGGGAAA GGGAGAAGGAAAAAAAATAGGAACCGGGAGAGCCCGACCAGGGAAAAAAA AAAGGAAAACCGGGGAAAAAAAACCGGCCGGAAAACCGGGGGGAAAAGGA AAAAAGGGGAAAAGGGGAAGGAAGAGGAAGGGGAGGAACAGGGGAGACA GGAAAGACGGAAGGAAGGGGAGGCAGAAGAAAGGTTAAAAGGGGCCAGG GAGCAGGAGAAAAAAAAGGCCGGGAAGGAGGAAGGCGGGAAAACCGCAAG CGGGAAGAGGGGGAAGGGGGGGGCCGAAAGAGAAAGGGGAGAAAGGAAA GAGAAGCAGGGAAGACAGAGAGCAGGAGGGGGGCGCAAAGAGCAGGGGA ACCGGAAAAGGGGGGGGAAAGAGAAGGAAAAAAAAGAGGAGAGGGGGAA G GAACCAAGGAAGGGGCCGGCAAGACGGGGAAAAGAGAACAAGGAGGACA GAGAGGAGTTAGGGAACAGAAACCAAAAAAGGAAGGAGAAAACAGGGGGA CCGGGGAAAAGGAAGAATCCCCGAAGGGGGGGAAGGGGAGGAAAAACACA CCGAACCGAAAACCAACGGAGGAAGGGGAGAAAACCCCAAGAAAGGCAGA TTGGGGAGAGAGGAGAGGAAGGGGGAGACAGAGACCGAAAGAAGGGGGA AGAAAGGGGGGGAGAAGAAAAAACCAAGGAAAACAAAGGGGCCAGGGACA AGGACGAGGAACCAAGGAGGAAGCAAAGATAGAAAAGAAGAGGGAAGAGC CAAAAACCGAGAGGGAAGGGGAAGGGGGGGGAAAATTAGGAGAAGGAAAG GAAGGGGGGAAAAGGGACCAAAAGGGAGAGGACGGAGGGGGAAGGGGAG GAAAAAAGAGACTTAAGAAAAAAGGAGAGGGAAAAAGAGAAGAACCCCGA AACCCAAGAGGAGGAGGGGGAGCAGGGGGGAAGAGAAAAGAAGAGAACG GCAA GCGGAGGGGAGGGAACCAAAAGGGGCCGAGGCCAAAACCGGCCCCA AAAAAAGGAAGGGAACCGGATCCGGCCGAAGAGAGAAGAAGGGGAGAAGA GAAGAAACCGGGGGGGGGAGGAGAAGGGGAGCAGGGAAGAAAAAAAACG GGGAGAAGAAAAGGAAAGGGAAGGAAGGAAGAGGAAAGGGAACAGAGAGA A GAGGGGACCGAAGGAAGGGAGCCGAAAAAGGCAGGGGGGAGCCCAGGA AGAGGAAACAAAAAAGGGATTGAAAGGAAGGGGAAAAGAGGCCAAAAAGA AA G GAAA A A GAAGGGGGAGGGAGGGGGACGAAGGGAGAAGGAGACAGAA ATAGAAAGAAAAAAAAAGAGAAGGAGGGGGCCAAAGCCGAAGGGCCAAGG GACAGGAGGACAGGGAGGCCCCAAGGGGAAAAAAACAAGAAGGAAAGGGG AGGAAGAGGGGAGGGGGGCCGGAAGGAAGGAAGGAAGGGGAAGGGGAAG GAAAACCCCGGAAGGAAAGAAGGAGAGAGAGGGAAAAGAAGGAGGGGGGA AAAAAGGGGGGAAGGAAAAGAAAGGAAAGGAGAAGAAGGAAAAGGACAGA GAAAAAAACGGGAAGAAGGAAAGCAAGAGAGAGAGCCGGGGGGCCGGAAG

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 CCCGGGAGGAAAGGGAAAAAAAAGGCCGGAAGGAAAAAAGGAAAAGGAAA A G G G G A A A A G G A A A A GAGAAAGGGGGGAGAGAAAGGGAAAGGGAGACAG G GCACCGGGAGAGGCCACAACCAAGAAGAGGGAGGACGAAGGAAGGGGG GGAAACCGAAAAAAACCGGAAGGGGCCAAAAGGAAGAGGAGCAGGATAGG G G GA $\operatorname{l}$ GAGGGGGGGCGGGAGAGGAGCCGGGAGGGGAAGGGGAAGGAACC AGGGCCGAAGGGAGAGAAAAGGGCACAGGGAGGAAGAAGGAAGAAGCAAG AA G GAA $\operatorname{AAAAAGAGAGAGGGAGGGAAAACCGGGGCAGGGAGGGGCCAAAC}$ GGGAAGCCGGTTGGAAAAGGGGCAAGGGAAGACCCCGGAAGAAAAGAAAG CCAGAAAAGGGGAGGGGGGGCGAACCGGAAAAAAGGAAAAGGACGAAGGA GAGGCCGAAAAAAAGGAGCCAACACCGGAAGGGGGGGACACCGAGGAAGG AA G G G GAAAAAAAAAAAAGAGGAGAAAAAAAAGGGGGGCCAGCAGGGGAG AAACAAGAGAAGGGGGAAGAGGAACCAAGGAGGGAAGGAAAAGGGGGGCA G GAAAAGGAAGGAGGAGGGGGGAAAAGAGAAGGAGGTAACAAGGGAAAA G GAA G GAGGGAGGCCAAACCAAACCAAGGGGGGCCGAAAAGGGGGAGAAA AAA $\operatorname{A}$ GCCGGGGGGGGGGGGGAAACACCAAGAAGCCGGCAGAAGAAGACCA AAA $\operatorname{l}$ GCACAGGGGGGAGAAAGAAATGGAGAAAAAACCGGGAGGAACCGGG GGGACGAGACCAAAAGGAGGAAAAAAGAGGGAAGCGGAGGCAACAGAAAA G G G GAAGGGAAGAGAGAAAAAAACCGAAGAACCGGAAACAGACAATAAAA GAAAGGGGAGGAAGGAAAAGGAGGAGAAGCAGAGGAGAAAAAAGGGAGG AGAAGGGGAAAGAGAGAAAGAGAGGAGAGGCCCCAAAAAAGAGGAAGGAA AAGGGGATAAAAAAACGGGGGGAAACAGGGAACCAGAGAGAACCGGGGGA AACCAAGAAAGGACGAAGAGAGAAAGAAAGGACAGAACAAAAAAGGAGAA ACAGGGAAGGAAAAAAGGAAACGGAAAGAAGGAAGGAAAAAAAGAAAAAA GGAAAAGGAAAAGGGGAAAAAAGAAGGAGGGGAAAGGGAGAACCGGAAAG TAAAGGGAGGGGGGAAACAGAAAGGAGGGAGAGAACCCAAAAAAGGGGAA AAGGAAAACCCCAGAAGAAAAGAGAAGAAACCAAGGAAGGAATAAAGGAA GGCCGGCCAAGGGGAGAAAAGGAACACAGAGAAAGGAAAGGGCAAAAAAA GGCCGGAAGGAAGAGGGGGGGGAGAAGGAAGCGAGGAAGACGAGAAAAA GGGAAGGAAAAACAGACGGCCGACCAAGGAAGGAAGGCCAAAAGGGGAAG GAA G G G G G G G G C CAAAAGGGGGGAAGGAACCAAGGAAAAAAGGCCGGCC G G A A G GAAAA G GAAGGGGGGAAGGGGAAAAAAGGGGGGGGGGGGAAAAG G G GAAAAAAGGGGAAAACCAATTAACCGGTTAAAAGGGGCCGGGGAAGGA A G G G GAA G G CCAAAAGGAAAAGGGGGGAAGGGGAAGGTTCCGGAAAAGG CCAAAAAACCGGGGGGAAGGGGCCGGGGGGGGCCGGAAGGAAAAGGAAA AAAAAAAAAGGCCGGGGAAAAAAAAGGAAAAGGGGACCCAAGGAAGGAGA AAAGGGAAGCATAAGGGAGCAGAGGAGAAAAGAAGGGGGAAGGGGAGGA AAAGGGAAAAAAGGGGAGACGGGGCCGGAAGGAAGAGGGGCAAGGGGGA A G G G GAA G GAGAGAAGGGGGGAGCAGGCCGGAGGAACAAGGAAGGAAAA AACAAGGGACGGAAGGGGAACCAACCAGGGAAGAGAACAACCAAGGAGAG AAAGGGCAGGGGAATTAGAGAAGGAAACGAGAAGAGTAGAGGGACCGAAA AAGGCCGGGGGGAAGGAAGAAACAGGGAACAACCAAAAAAAAAACCGAAA GAAGAAGGAGGAGGAAGGGGGGAAGGAGAAGGAAGAGAAGGGGGAAGGG GAAAAAAAGAGAAGGCCAAGGAAAAAGGGGGACAGAAGAAAAAAAGGCCA AGAAAGGGGAAGGCCGGCCAAAAAAGGGGGGAAGGGAGAATGGACAGGG CCGAGGAAAGAAAGAATTGAGGCAGAGGAAAAGGAAAAGGGAGAGGGACC AAAAGGAAAACCACGAGAGAGGAAGGGGGGGAGAAGGAAAGAAAGAGGCA G GACGAGACAAAAGGGCAAAGAGGAGAGAAGAGGCCGGGGGGGGAAAAAA AAAAAACCGGAAAGGGAGGGGGGGAGAAGGAAAAGAAGAGGAAAAAGAAG A GAGAGGAGAAGACATAGAGAGGAACGAGGAGAAAGGAGAAAGGGGCCGG GAAGAGAAGAGGAGAAGACGAGAGAAAAGGCAGGCCAAAGAAACAAGGAA AAA GCAAGCCGAGGCAGGCCGGGATAGGAGAAGGCCGGGGGGAGAAAGAA GGAGAGAACCGAACGGCCGGGGGGGGAAGGGGAAAAAAGGAAGGAAGGG GAAGGAGGAGGAAAAAGGGGAACGAGGGGGAAAGAGGACAAAAAAAGAAG GCAAAGAGGGGGGAAAGAGAAAAGGAACCAGGGGGGGCCGGAAGGGGAA G GAACCGGGGGGGAGGAAAGCAAAAAGGAAGGGGGGGGAACCGGAAGGA AGGAAAAGGAAGAGGAAACAGACGGAGGGGGACGGAGCCGGAGGAAACCG GAGAAAAAGAAGGGGGAAAAGAGGAGACCAGGGGGAACAAGGGCCGGGG GGAAGGGGGGCCAGAACCGAAGAAAAAAGAACCCGGAAGGAGACACGGCA

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CAGAAGAGGAAAGGAAAGGAACCAAAAGGGAAAGGAGAAAAGAGGCAGAA GAAGGGGGGAAGAACGAGGGAGGAAAAGGAAAAAGAACCAGGGCCAAAGA AGGGGGGGGCAAGGAAGAGGAAAAAAAAAAAAAAAACAGGACAGGGAGAG G GAGGAACCGGAAGGGGAGAAAAGGGGAAGGGAACGAGAAAAAAAGGAAC CAAGGGGCAAAAAGGCCAAAAGGCCACGGAGGAGAGAGACGGGGGGAAAA G G G G A G G G G AAAAGAAAAGGGAAGGAAAAGGAGAGAAAAAAAGGCGACAA G GAAGCAAGAGGGGAAGAAGGAAGGGGAGAGAAAGGGCCGGGAGACAAA A G G A G A A A G G GAAAAAGAGGGGAGCAAAAAGGCCAGTATTGCAGAAACAG G G GA GAGGAAGGAAATGGAGGGGGAGAGGAAGGGAGAAAAGGGGAGCCG GAAGAAAGGCCAAGGGGAAGGAGAAGGGGGGGGGGGGGGCGAAGAGAGG ACGAAGAAAAGAAGAAGAGGGAGGGGACAGGAAGAAAAAGGGAGAGGGGA GAGGGGAAACGGGGAAAAAAGGAAGGAAGGGGGGAGCCGAGAGGGGAAG GGGAAGGGGGGAAGGAAGGGGAAGAGGAAGGAAGGAAAGGAAAAGAAGG GGGGGACCCCGGAGGAGAGGGAAGACACAGAGAAAGAAAAGGAAGGACAA AAAGGAGGAAAGGAGAGGAAAAGGGGACCCGAGGCCAGAAGGGGGGGGG GAACCGGCCAAAAGGCCAGGAAGGAGGAGCACCGGAAAAGAGGCAGAAAG GGACCAAGGCCCCGGCACCAAAAAAGGAAGGAAAAAAGGGAAGGGGAGGG GAAGGAACAAGAAGGCCGGAAAAGGAGGAAGGGGAAAGGGGCAAGCCGGA GAGGGGAGCACAAAAAGGGAGAAGGAAGAACGGACGGCCGGATAAAAGAC ACCGGAAGAGAAAGGAAAGGGCCATGGGGGGGGGAAGAGAGGGAAAGAC AAAGCCAGGAAAAATTAAAAAAGGAAGGAAAGAGGAAAAAGAAAAGGAGA AAAAGGAACCCCCCAAGACCGAAAAAGGAAGAGGAAAAAAAAGGGACCAG G GAAAAGGGGGACAAAGAAAAAAAAGAGACCCCAGGCGGGGGAAAAGAGG GGAAAGAGGAACAGAAAACAAGGAGGCCAAAGAAGGAAAAACGAGAGGGG GGAAGGGGAAAAGGAAAAAAGGAAGGAAAAGAAAGGAAAAAGGAACAAAA AGAAAGCAAAGAGAAGGAGGACAGGGAAAGACAAAGGAGAAGCAGAAAGG GGGGGGCCAGACAGGAAGGAGAGACAAGAAAAAAGAAAGGAAGAGGAAAC CCGGGGGGGATTGAGGGGCCAGAGAAAACCGGGGAAAAGGGGGGGGGGG GGGCCGGGGAAAAAAAAGAGGAACGGGAAAAGAAGGAGGGGAAGGGGAG AAGGGGGGGGACGGAAAGACGACAAAAAATAACACCAAAACACCAAGGAA GGGAAAGAAAGGAGGGAAGGGGAGGGGGACAAGGAGAGGGGGACAAAGG ACAGCGAGAAGAGGAGAGCGGGGAGCCCAGGAAGGGGAAAACCGGAAAAA AAAGAGGAAAACCAGGGGGGGGAAGGAGGGGAGAAGAGGGAGGAGAAAA CCAAAAGGGGAGAGCAAAGAGGAAAGGGGAGGGGGAGGAAGGAAGGAAG GAAAAGGAAAAGGAAGGGGAAGGGGACAGGGAAAAGGAAAAGGGGAAGAA AACGGGGGAGAAGAGAACCAAAAGGGGGGTTGGGGAACCAAAAAACAGGG GCGCAGAAGAAGGCAAGAGAAGGAAGGAAGGGGCCAAGGGGAAAATTGGA AGGAAGAAGGACAGGCAAAAAGAGGAAAGGGGGCACCGACAAAGAAGACA AGGCCGAAGGGAAAAAACCGGGGGGGGGGAAAAAGGAAAAAAAAGGGAGG ACCGGAAAGAGAGAGGGAAGGAAGGAAACAGAAGGGAGGAAGGGGAAGG AAAATTAAAAAGAGAAAGAAGGAAAAAGAAAAAAAAAGGGGAGATTACCC AGAGAGGACCCAGGAAGGGAAAGGGGGACACAGACCAAGGAACAAAGAAA GGAGGAAGGAAAGAAGCCAGGATAAGGAGGGAGGAGGGAAAGAGGGAAA AGGGGGGAGAGAGGACCCACCGACAGGGAGGGGAAGGAAAGGAAGGGAG GAGAGGGGGGGGGGCCGAGAAGCCGGGAGGAGAAAAGGAAAAAACCGAG GGGAAGGCCAAGAGGAGCCGGAAAAAAAGGAGAAAAATTAAGGAAAAAAA AAAAGGGGGAAAAAAACGGAAAAAACCAACCCCCCAAGGGGAAAGAAAGA ACCCAAGGAGGGAGGGGAAGGAAAAGGAACCAAGGGGCCGGTTGGGAGG G GCCAA GAGGAAGAGAAAAAGGGAAGAAGGGGGGGGGGCCGGGGAAGGG GCAACAAGGAAGGGGAAAAAAAAAAGAGGAAAAGGGAAAGGAAAAAGAAC CGGGAAAAAGGACACGGGAAGAAGGAAAAAAGGGGGAACGGCCGAAAAGA G G G AAA $\operatorname{GAGAAAGGAGAGAGAAGGAAAGGAGGAGAGGAGGACCAGGAAG}$ G G G GAGAGAGCCAAGGGGGAAAAAGGGGGGGGAAAGGGGGAAAACAAGC CAGGACGAGTTGGGGAAAAAAAGGGAGAGAAGGGAAGGAAAAAAAGGCCA GAGAGGGGGGGGGAGAGAGCAACGGAAAAGGGAAGAGGAAACAGGCAAA GAGAAAAAGAGACCAAGAAAGAAAAAGGGGGGGGAGGGGGAGGGGCGGC GGGGGCAAGGAAACATAAAGGAGGGAGGACCAAGGGAGGAAGACCAAGAG AGGAACCAACAAGAAAGAGTTAAAAGGAAAAAAGAGAGAAAGACAGAAAG GAGGGAAAGGACAGGGACACAGAGAAGGAAGAGAGGAAGCGCAGAGGGG GGGGGGAACCGGAACCAGAGGAAGGGAGGACGACCCAGGGGGAAGCAAAA GGAAAAGACCGAGGGAAAGGGAGGTTACAGGGAACCAATTGGGGGGGGG

G G GAAAAAAGGGGGGAAGGGGGGAGGACCCCGGGGGGGGAGGAAGACAG AGAGGGGGAACAAGCACCAGGAGAGAAGAGGGACGAAGAGAAAAAAGGCC CCGGAGAAGGCAAAGGAGGAGAGGAAAAGGAAAAGGGAAAGGAAAGAAAC AGAACGAAAAGGGGAAAGAAGGGGGAAAAAAGAAAAGGGGGGAGCCAGAA AAA A A G G G G GAAGGGGGGAAGGCCAAAGAACCCAAAAAAAGGGGGGAAGG GAGGGAGGACGAAGAGAGGGAACCCCGAGGAGAAGGGGACCCAGAGAAAA G GAAAAGGAAAAAAAAGGAGAAAGAACCGGAGGGCCACAAACGCCCAAGG AAAAGGAAGGAAGAAAAAGGGGAAGGGGGGCCAAGAGGCAAGAGAACCCC AGGGAACCGGAAGGGGGAAAACGAACAAGGAAGAAAAGAGGAAGAGGAAG AAAGATCAGAGGAGAGGAAGCCGAGGGGCCGGAAGGCCAGGGGGGAAGA AAAGGGGGGGGAAGGGGGGGGAAAGACGGCCAAGGGGGGAAGGAAAAAG GGGGAAGAGGGGAGAAAAGAGAAAAGAAGGGAAGGGAAAAGAAAGGAAAA AGGGGGAAAGAAAAAACCAGGAGAGGAAGGGGAAGACCGGAGGGAAGGAA AGAGACAAGAAAGGGGAAAGGGAGGGCCGGAAGGAAACCGAGAAGGAAAG GGAGCCGACCGAAGAGAAAGGGAAAAGGGGGACCGAGGGGAGGGACAAC GGAACAACCAAAAAAAAACAAGAGGAGGGCCACGGCAGGGAGGACGAGGA GAGAAGAAGGGAAGGGAAAGGGGAACAGAGGAAAGAAGGGGAGCCAAGG
 G G G AA G G CCGGGGAAAAAAAAGGAAAAAAGGAAGACCGGGAAAGGAGCCG A G GAGGGAAGGGGGGAAAAAAGGAAGGCCTTGGCCCCGGCCGGAAGGGG AAAAGGGGGGGGAAGGGGAACCGGGGAAAAGGAAGGAAAAGGGGAACAG GAGAGAAAAAGGCGGAGAAGGAAGAAAGGAGAGCCCCAAAGGGGAACGAA A G G GAGGCCAAGGGAGAAGAAAAGGGGAGGGGGAAGGGGAAAAAGAACC AAAGGGGGGGAAGAGGGGCCCCAAAAAAAAATAGAGGACCAAGGGGAAGG AAAAAGGGGGAAAGAACCAGAAGAAGGGGCGGGGGGAAAAAAGGAAAAAA G GAA $\ln$ GGGGGTTGGTTAAGGGGAAGGGGAAGGAAGGGGGGAAGGGGAAA AAAGGAAGGAACCGGGGAACCGGGGAAAGGGGGAGGGGGAAGGAAAAGG GGGGGAGAGAGGAAGGGGGGAGGGGGAAAAGAGCGAGGATAACCCAACA GAAAGGGGAAAGAAACCAGGGAAACAAAGGGAGAGGAAGAGACAACCACG AAAGGGGAGCCCCACAAGGCGCACAGACCAAGGGGGGACAGGGGAGAGGG GCCACGGGACAGAAGGAGGCCCCGAAAAAGGAAACAAAAAAGAGGGGAGG GAAAACCGGGGAAAAGGGGAAGGAGGACCAGCCTAGGAAGGAAAGGGGAG G G G G A A G G G ACGAGGAGAGAAAAGGAAAAGGAGGGAGAAGAAACAAGAGC AA $\operatorname{l}$ GAGAGGGGCCACAACCGACAGAAAAGAGAAACGGAGGGGGGGGGAGA CAA $\operatorname{lng} \operatorname{GGG} \operatorname{GGGGGAAAAGGGAAAGAAAGAAAGAAGGGAAAGCCAAGGAAA}$ AGGGAGAGGCCCCAAGGCCGGAAAAGGCCGGAAAAGAGGGAAGAAGAGGA AGACAGGGGGAAGCCGAAAGGGGCCGAACACCAAAAAAAAAGACCGGGGA AACGAAGACAGAGCAAGTTAGGGAGGGGGAAGGAAAGAAAGGAAACCAAG AAAAAACACCCAAAGAGGGGGGGCCAAGGACAAGGGGAAGGAGAGAAGAA GGGTTGGGGAAAAGAGAGAAAACAAGAACAGCAGAAAGGGGGGGGAGAAG GAAAACCGAGGCCAACCAAAAAAGGGGACCCCCGGAAAAAAGAGAACAAG AGGAACCGGAAGAAGAAGAAGAGAAAACCAGAAAAGGAGGGACTTAAGGG
 G G G GCAAGGGAAGGGGGGGAAAAGAAGGCCCCGGAAGGAGAAGGAGGGA AGGGGAAGGCCGGCAGGGAAAGGAACCCAAAAAAGAAGGAAGGAAGACAG G G G GAAGCCAAAAGGGAGATAACGGAAAAGGAATTAGAAGGCCGGGGTAA AGGCAGGAAAGGGAAAAAAAAAAAAAAAACCGGGGCCAAAAGGAAAAGGA A G G A A G GAAAGGGGAAAGGAAAAGGAGAAAAGGGGAAAGGAGAAAAGTTA G G G G G A A G G G G G G AA G G G A G G AAA GCAGGAAAAGGGGAAAAGGAAGGCC AAAACCAGGGAAAAAAAGCAGAAAGGATCCGACCCCAAAGCGAGCCCCGG GAAGAACCAGCACAGGAAGGGAGGAAGGAAAGAGGGCCAGAGAGGGGGG GGGAGAGGAAGAACCAACAGGGGAGGGAGGGGGCAACGAGAAGGGGGAA G G GACCGGGGCCTTGGGAAAACGGAAAGGGAGAGGGAAAAGGAAGGGAA AGGCCAGAGGGAAAAAAGGAAGGAAAAAGACGGAAGGGGGGGGGGAAAAA AGGAACCGGAAGGAAGGAAGGGGCCAAAAAAAAGGGGAAGGAACCGGAAG GGGAAGGCCGGAAAAAAGGGGCCAAGGGGCCCCGGGGGGAAGGCCGGGG GGAAAAGGCCAAAAAAGGAAGGAAAAGGAAAAGGAAGGGGAAAAGGGGGG G G G G G G G G G G G G A A G G G G A A G G G G A A CCGGGGGGAAAAGGAAGGAAAAA AAAGGGGGGGGGGGGGGGGGGCCAAAACCGGCCAAAAAAGGAAAAAAGG GGGGAAGGAAGGGGCCAAAGGGCCGGACCCAAACGGCCGGCCAAAAAAGG AGGAAGAGCAGGGAAGACGAAAAAGGAGGGAAAAAATTGGGACCAGGGGG

GACCGGGAAGGGGAGGCAGGCCCCCCAAAGGGACCCACAGCCAAAAGGCC GGAAAGGGGGAAAAAAGGGGAAGGGGAAAGAAGGAGAAGAAGGGGAAAC CAAAAGGGGGGGAAAGGGGAGAAGGGGCAAAAAGGGGGGGGAAAGAAAG A GAAAAGGGGAGAAGGCCGGAAAGCCAACCAAGGGGTTAAGGAAAAAAGG AA G G G GAAGGGAGGCCAACCAAGGGGAAGGGGAGCAAAGGGGGAAAAAG GAACCAGAAAAGGAAAAGGAGGGGGAGGAAGAGGAGGAAGGGAAAGAAAG GAAAAGAAAGGGAAAGGAGAGTTGGGGGACAAAGGAGCCAAAAAAACGAA AGGAAGAAAAAGGACAGAAACAGACGAGACAAAAAGGGGAAGAGGAAACG GAAACAGAAGGGACGTTAGGGAAAGCAGGAAACAGAGGGGGAACAGAAGG AGGGAGGAAGGGGGGAGGGCCTAAATTGAAAGAGGACGGAAAGGACCAG GACCAAGAGGTTCAGAGGAAGGAAAAAAGGAAGACCAGAGAAAAAAGGGG AA $\operatorname{A} A A A A A G G A A G G G G C A G G A G G A G G G G G G A A A A A A G G G G C C A A A A G G A A$ AA G G G G G GAAGGTTGGGGAGAAGGGGGAAGAACCACAGACAGGAAGGAA GGAGAGGAGAGCCAGGGAAGGGAAAAGACCAAGCCGAAAAAGGAGAGAAC CGGAAGAGGCAAAAAGGGAGGAAGAAGGGAAAAAAGGGGAGGAAAGGGG GGAAGAAGAAGGGGGGGGGGAGCCGGAGAGGGGAGGCAGGAAAGGAGGA C G G A A G G GAGGGGAGGGGGAGGGAAAAGGAAAAGGCAAGACGGGGAGGG ACGGGACAGGGGAGCCAGGAGGAAAAGGAAAACAAATTGAGAGAAAGGGG G G G G G A G G ACAAAAGAGGAAGGACGAGGCCGAGGACAAATGGGAACAAGG AGAAAAAGAGGGAAGGAACGAGAAGGCCAAGGCAGAAAGGAAGGGGGGAA AA GAAAAGAAGGACAAGAAGGGGGGGAAGGGGAAGGAGGGGGACCAAGG GAAGGAAAGACGGCAGACCAAAAGGGGAAGGAAGGAAGGGGGGGGCCGG AACCAAAAAAAAAAGGAACCCCGGAAGGAAAAGGCCAATTGGGGGGAAGG CCGGAAAAGGCCAAGGAAAAAAAAAAGGGGCCAAGGAAAAAAAAGGGGAA GGAAAAGGAACCGGAAGGGGAAAACCCCGGCCGGAAGGAAAAGGAAAAGG G G G G G G A A A A G GAAGGCCGGGGCCAAGGAAGGGGCCGGAAGGGGAAAAG GAAAAGGGGAAAAGGGGGGGGGGGGGGGGAAGGAAGGAAAAAGAGTAGG GGAAAGGAAGGGGAAAGAGGGGCGCAAGGGGGAGGGAAGGAAAAAGGAG GGAGGGGGGAAAAGGAAAGAAGAGGGAGGGGAAGGAAGGAAGGAGGGGA GGAAGGAGCCAAAGAGGGAGGAAGGGAAAAGAAGGGGAGGGGGGAAGGC CGGCAGGGGGAAAGGGGAAGGGGAAAAGGTTAAGGCAGGGAAAAAGAGG GAGGGAAAGGGGAAAAGCAGAAGGAAGGAGGAAGAAGGAGGGGGGGCCG GAAGGAAGGGGGGAGGGAAAGAGAAAAAACCCCAAGGGAAAGGGGAAAAA G GA GAA G G GCCAGGAAAAAGAAAAAAAGGGGGGGAGAGGCCGGGAAGGA GAGAAAAAAGGAACGGGGAAACAAGGACACGGAAAGGGAGAAGGGGGGG GAAA $A$ A G G G G G A G A G G A G G G A G G G A A C G G G G G G G G G A G G A A G A G G G A G G GACCGGGGAAGAGAGGAGGGAAGGAAAAAAAAGGGGAGGGAGAAAGACAA AAAAGAGGAAGACCGGGCAAAAAGGAAGAAGGCAGAGAAGAAGGAGGGGG GAGGAGGGGGAAGAAAAGAGAGCCGGGGAAAAGGCCAAAAAAAAGGAACC GGAAGGTTAACCAGCAGGGGGGAAAAAGCCAAAACCGGAAAAGGGGACAA A G GAA G G G G GAAGGAAGGGGAGAGAAAAGGCCAAGAGGAGGGAAAGGGA GAACCGGGGAAAGAAGGGGAAAAGAGGGGGGAAGGCGACAAAAAAAAAAG GACAAACTTGCAGGACCCCACGGAAAGCAGGAAGGGGAAAAGGAGAGCCC CAGGGAAGGAAAGAAGGGGGGGAAACAAAACAAAAGAAATAGGAACCAGC AGGGGGGAGAAAGCAAAAAGGAAAGAAGGGGAAAAGGAGAAAAGGAGAAA AAACCGGCCGGAAGGACAAGGCCGGAAAAACGGAAAAAAGGAGGGAAGGG AGGAAGGAGGGAACCGGGAAAGAGGGACCCCGGGCAAAAGGGGAAGAAAA CGGAAAACCGAGAGGCAAAAACCGGGGTTGGAAGGGGAAGAGAAGAGAGG G G GAAAAGGAACCAAACGGACGAGGGAAGGAGGGGAAGGATAGCCGAGG GAGGACTTAAAAAAAAGGAGAGGGAAGGAACGGGGGGGAGCCGGGGCCAA GGAAAAACAGAGGGGGCAGAGAAGAGGAAGAAAGGAAAAAAGACGAGAGG AGAAGGAAGACCAAGAAAGGCCAAGGAAAAACAAAAAAGGAAAAACCCAA AA G G G GAAGGAAAAGGGGCCGGAAGGGGAAGAGGAAAGAGAAAACCGAG GAAGAAAAAGGAAAAAAAAAGAAAAGGGGAGCCGAAAGAGAGAAGACGGC CAGAGGGACAAAAGGGACCAAAAAGGAGACCAAGAAAGGGACAAAAAGAG ACGAAAAGAAGGACCGGAAAAGGAAGGAAGAAAGGGGGGAAAACCGCAAA G GAAAAA GAGGGAAAGAACGGGGGGAAGGGGAAAAAGCCAAGGGGTACCG GACAAGACAAGGGGAAGAAAGGAAGAAGGGGGGGGGAAACAAATTCCAAG AACAAAGGAAGAAAAAAGAGGGAGGGGGGGGGGCCGGGGAAGGAGCCAA AAAGACGAGACAGGAGAAAAAAAAAAGGGGGGAAGGTTGGAAGGACGATT GGAACCAAAAGGGGAAGAGGAGGAGGCAAGAGGGGGGAAGGAAGAAAACC

G G A GAA $A$ AGGGGGAAGAAAGAACCAGACGAAAAAGGAAGGGGGAGAGGG AGAGGAACCAAGGAGCCAAAAAAAAAGAGGGGGAGCCAAAAAACACCAGG AGGAAAAGGGAAGGAAGGGGGAAAGAGGGGGGAAACACCAAGGAAGGAAA AACCCAAAAAAAAAAGGGGAAGACCGGGAAAAAGGAAGGAACCACGAGAG AAAGGAAGGAGAAGAAAACAAGGCGGAAAGGAAAAGGAAAACCCCAACCC CCCGGCCAACCGGGGGGGGAACCCCAAGGAACCAAAAGGAACCGGGGAAA AAAAAGGAAGGGGAAGGCCAAAAAACCAAAAAAAAAAAAAAAAAAGGGGG GCCGGGGCCCCCCAAGGGGAAAAGGGGGGAAAAAAAGAGAAGGATCCGGA GCCCCAAAGGAGGGGAGAAGAAAGGAGAAAAGGAAAAGGAAGGAGAGGGA ACAGGAGGAGGGGCAGAGGGGAAAAAAAAAAGGGGGGGGAGAGAAAAAA GGAACCGAGGAAGGAGGGCCAAAACCGGAAAAGGAAAAAAAAAAGACAAA AAGGCAACCCGAGGGAAAGGAAAAAAGGAAGGGAGGGAAAGAGGGAGAAC CCCCGGACGGCCGGAAGGAAGGGGAAGAAAGAAAAGAGGGAAAGAAGGAG GGAGAAAAGAAGGGAAGGGGCACCCAGGGAAACCAAGGGGGAAGGACAGG G GAGGGGGACTTAGGAGGCAGGGAAAGACAAAACGGAGAAGAGAAAAAGG GGAAGGAAGAAGAAGAAAAGCCGAGGGACAAGGAACGAGGGGCCAAGGAG GGAAAACCGGCCGGGGGGGAAAAAAACCCCGGGGGGAGGAGGAGAAGGG AGACGACACGGAGCCGGAAGAGACCCACCAGAAAAGAAGAGAAGACAAAA AA GCCGAAAAAAGAGGAAGAAAACGGGGGAGAAAAGGAGGGAGCCAAGAA CAAGAAAGGAAAAAGCAAAGGAAAGAAAAAAAAGGGGGGCCGGGGAGAAG GGAAAAAAGAGGGAACCAGGGAAGGGGCAAAAAGGAAGGGGCCAAGAAGC C G G G G GAGAAGAGAAGAGGAAAACCAAGGGGGAACAGAGAGGAAAGGAG GAGAAAAAAAAAAAGGAACAAGAAAAAGGAAGACGAGACCGGAATAGGCC AGAAAGACAAGGGAAAGCGGACGGGAGGGAAGGGGGGGAAGAGGGGAGC CAAGGGGCCAAAACCAAAAAACCAAGGGGGAAGCAAGGAAGCCCCGAGAA GAGAAGGAAGGGGAAGGAACCGGAAAGATGAGGCCGGGAAGCCGAGAAAG GAAAAGGAAGGAGGAAAAACAAGAGCAGGCACCCCAACCGGAACCGGTTT TGGATACAAAAAGTAACCCAAGGCACAAGCCGAAAAAAAAAGGCCAAAAAA GGGGCCAAAAGGAAGGGGGGAAAAAAAAAAGGGGGGAAGGAAAAAACCCC AAGGAAAAGGAAGGAAAACCAAAAGGGGAAGGGGCCAAAAAAAAAAGGGG G GAAGGGGGGAGGAAGGAGAAAAAAAAGAGAAGAGAGGAAAGAGAGGAAA AAGGGGAAAACCCCGGAAGAACGACCACGGAAGGAGAGGGGCAGGGAGCA GGAACCCCAGGGAGCCGGCAAACCGGGAAAAAAAAGGGGGGAGGAAGGAA G GAAAAGGAAGGAAAGAGAGACGGCCGAAACCAGGAAAGGCAGGGGAGAC AA $A$ AGGACAAGGGGGAAAGAGGGAGAGACAAAGGAGCAAAGGCCAAGGGA AGGGGGGAATAGGGCAGGAGAAGAGGGGGGCCAGACAAAAAAAGAACAGA AAAAAAAGCCAGCCGGAAAAGAAAGGGGAAAGGGACAGAAAAAGAAAGAA AA GACCAGTAA GAAGAGGGGGGAGAGGGAGAGGGGAAGAGAAGGGGGAG G GAAAGGAAGAAAGGGGAAGAAAAGAACCAACCGAGGAAAGGAGGGGGAG G GAAGGGAGGACGGGTTGAAGCCGGAAGGAAGGAGAAAAGAAAGGAGGA GCGGGGAGAAAAGACCCCGGACGGAGAAGGAGGGGGGGAACCGGAGAAA G G A A A A G G GA G G G G A G G G G G G G G A G G G G G A G G G G A A CC C A A G G G GCCCC GGGGAAAACCGGCCAAAAGGCCGGAAGGAAGGGGGGAAAAGGAAAAGGG GGGGGAAACGGGGAAGAAGAGAGAAGGGGGGAGAAAAGAGGGAGAGAGA GAGAGGGGGGAAAAAAGAAGGGAGGGCCAAAAGGGGAAGAAACAAGGGG ACCAGGAAGCCAAAGAGAAGAAAAAACGGAAGGAGGGAGACGAAACCGGA AAAAAGAAGAGGGGAGGGAGAGGAGGGTACAAGGAGGGGAAGAGAGGCC TTAGGAAAGGAAGAGGAAGGGGAAAGGGAGAGGGGACCAAGGGGAAGGA CCCGACCGACGCCAGAGAGCCGGAAGGGGACAGGACAGAGAAAAAGGGGC AACAGGAAGGGGGGGAAGGAAGGAAGGGAGGCCAAGGCCAGAAGGAAAAC ACAAGAGAGAAGGGGGGAAGGGGCCAAAAAAGAAAAAGGAAGGAAGGAAA G G G AC G G G G GAGAGAGAAAAAAAAGAAGGAAAGAAGGCCAGGGAAGACCA A G G G GAACCAAGGGGGGACAGGACCAAAGGAGGGAGGAAGGGGAAGAGA GA $\operatorname{G} A \mathrm{~A}$ GGGAGGAGGGGGGAGGGAAGGGGAGAAGAAAAAGGGAGGGAAAG GAGGAGGCAAAGGAACCCCACGGAAGGCCGGGGAAAAGGAAAAAAGAAAG GCAGGGGGAGGAAAACGAAAGCCAGACAGAGAAGGAAAAGGGACAAAACG GAGCAAGGAAGCAGGCCAAAGAGGGGGGGGGGAAAACGAAAGGAAGAAAG AGGGAGACCGGAGAAAACCAACAGAAGAAACGGGAAAGGGCTTGCAAAAA AGGGGGGGGCCAAAAAGAGGACGGGCCAAGGAACCGGAAGGAAAACCAAA AAAAAAAAACCGGAAAAGGAAGGAAAAAAAAGGGGAAGGGGGGCCAAGGG


AAAAAAGGGGAAAAAAAAAAGGGGTTAAGGAAAAGGAAAAAAAAGGGGGG AA G GCCAAAAAATTGGCCGGCAGGAAGGAAAAAAGGGGGGGGAAAAGGGG G GAAAAGGGGGGAAGGCCAAAAAAAAGGAAGGAACCAAAAAAGGGGGGAA G GAAAAGGAAAAGGGGGGGGAAAAAAAAGGGGAACCCCAACCAAAAAAAA G GCCAAGGGGGGCCAAAAAAAAGGAAAAGGAACCGGGGAAAAAAGGGGAA G G G GAACCGGAAAAGGAAAAAATTAAAAAAGGAAGGGGAAGGAAGGGGGG CCAAGGAAAAGGGGGGAAGGAACCCCAAGACAAAGGAGAAGCAAAAGGGA CCAAAAAAAGAAGGAAGGAGGGAAAAAAGAACAAAAAGGGAAGGGAGAGA GAAGAGGGACAAGGGGGGCAAAGGAAAGGAGCAAAGGGGGAGCAAAAAG GGGAAAAAGGCGAAGGAAAGGCCCCAAGACAGAAAGAGGACCAAGCCAGA GAAAAAGGAGGGCGGACGGAACCCCAAAAAGAGGGAAAAGGGGAAAGAAA GAAGGGAGGGGGGAGGAGAGAAGGAAAACCCGGAGGGGGGGGGAAGGGG AATTGGGAAAAGCCGGAAGAGGGGAAAAGGAGAGGGGAAACAGGCAAGAA GGAAGGGGGGCAGGGGGGCCAGAAGGGAGGGGGGGGGGCCAAGGGGAAC CAAGGAGAAAAAAAAGGGGGGAGAAACGAGGACAGAAGAGAGAAGGAGAA GGAAGAAAAACACAAAGGAGAGAGGAGGAGGAAAAAAGGAGAGGGGAACA CACGAGGCCGGAAAGAAAGAAAACCAAAGGAGGCAAGAAAAAAAAGGAGG GGGAGAAGGCACCAGCAGGAGAAAACCGGAAAAAAGGAAAGAACCGAGGA AGCGGGAGGGGAAAAAAAGAAACCCGAAAGGAGGATACCGGACAGCCGGA GAGGGAAGAGGCCAAGGGAAACCGACGGACCCCAGGGCCAAGGAGGGGG G GCCAGAGGGAGGAAGGGAAAAGGGAAGGGGGAAGGCCAAGGAGAGGGG GGGAAGAGAACGGTTAAAGGGAAAAAAGGGGCCGGAGCCAGGGGGCAGG CAAGACAAAGGGAAAGCCAGGAAGAAGGGGAAGAAACAGGCAGAGGCAGA A GACGGACAGGAAAGGGGAGGGGGAGAAGGAAGGAGAGAGAACCGGGGA AGAGGGGACCAGGAACCGCGAAGAAGGGAAGGGAGCACCGGAAAGAGAGG AGGGGAGCAAGAGGAAAAGCCGGAGAGGGCCAGAGAAAGAGAGAGACAGA A GAGGGGCCGGAGGGAAGGGAAAGGGAGAGGGGGGAAAGGGGAAGAGAG AGAGAAGAGAAAAAAGAAGGCCCCCCGGGGACAAAGGGGAAGAGAAGGGG AAGGGGGAACGACAACAAAGAAAGAGCCGGGAGGAAGGGGAAGGAAGGG GAAGGCCAAGGAAAAAAGGGGAAAAAAAGGGAGAGCCAAGGGGAAGAAGA AGGGAGGAAGAAGAAGGGAGGAGAGCCAAGGACGGAAGGAAAAAGGGGG G G A G GCGGAGGGGGAAGGGGAGGGAAGGGGGGAAAAAAGGAGGAAGGGA
 AAAAGAAAAGACCCGGAGGGAGAGACGACCAGAAGGGAGATTGGGGGGAG G GAAGGGGAAGGACAGGGCCGGGGAAAAAACCAACAAGGGAACCCAAAGA A G ACAGGGAGACGGAAAAGGGAAAAGGAGGAGAAAAGGGCGGGGACGAG GCGAGAAAAAAGACCAGAGGGAGGAGAGGGAGAGGGGAAGAACGACAGGA ACCGGGGGAATGAGGACGAAGAAAAGGCCAACCGAGGAAAACCGGGGAAA AGGAAAAGGGGAAAGCCGGGACCAAAGAGAGAAGAGAAAGGGAAAGAGAG GCCCCCCGGACAAAGCAAGAAAAGAAGGGAGCCCCCCAAGGAAGGAAGGA ACCGGAAAACCGAAGGGAGCCAAGGAAAACCGGAAACGGGGGGAAGGGGG GAGGGCCGGGAAGAAACAAAAACGGGGGGCCGGGGAACCGGGGAGAGGG AGAAAGAAAGAGCCAGAAGGACAGGGCCAAAAACGGGGGAAAAAAAAGGG GGAACCGGAAAAAAGGAGGGGAGGAAGGAAGGCCAAAGAGAGAGGAAAAA GGCCAAGGGAGGAAAAGGGGGGGAGGAAGGAATAGGAACCAAGGGGGGA AGGGAGAAAGGAAAAGAAAGGCCGGCCAGAGGAGAGAAAAGAGGGGAGG GATAGGGGGGGGGGGAGGAAGAAAGGAAGGAGACAAAAAGGGAGGGAGG ACCAAGAGGAAGGGAAGGAGGAAAAGGAAAAAAAAGAGAGAAAGGAAGAA GCAAGAAAGAGGAGAGGGGAGAAGGGGCCGGAGAGGAGAAAAAAAGGGG GAGAAGCAAAAGAGAAAGGGAAGAGGCAAGAGGGGAGAGGGGGGGGGGA GGAGAGGGGAAAGGGAAGGGGGGGGGGGGACACACGAAGAAGGGGGAAC AAAGAGAGAAGAAAAGAAAGAAAGGGGAAAGGGAAAGAAAAGCAGAAGGA GGGGAGCAGAGGAGCAACGAAACAAAAAAAGGAGACAAAAGAGAGGGACA G G A G G GAGGAGAAGGAGGGGGGAGAACCAAAACCCCAAAGGGAAGAGGAA G G G GAGAGGGGGGGAAAACCGAGAGAAGAGAAAAAGGGAAAAAAAAAGAG GACAAGGAACGGAGAAAGAGCAGGGGAAGAAGGAGAAACCGAAAAAGAAG AGGGAGGGCAAGAAGAAGGGAAAAAGAAGGGGGGAAGGAACAGGGAGGA GGGGGACAGAGAAAAGGAAGAGAGGGAAGACGAGGAAGGAGAAAGAAGG GGCCAGGAGGGGAAAAGAAAAGGGGGAACCAAAAAACCGGAAACAGACAG ACGGGAAGCAGAGAGAAAGGAGGAACAAAGAGAAGACAACGGAGCCAGAA AAAAGGACGGAAAGGGCAAGGGGACCGGGGGGGGGGAACCAGAGGGGAC

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GGAGGAAGAAAAAAGCACCGGAAAACCAAAGAGGGGGGACCGGGGAGCCG GGGAAAAGGGAAAGGGAGAACAACCGAAAGGGGAGAGACGGGGGGGGGC GGGGGAGGAAAGGAGAAAAACCGGAATAACGGACGAGGAGAGGAGGACG GGGGAGAAGAACCAGGAAGGGAAGAGGAGGGGGGAAAGAGAGAGGACCC AAAGGGGAAAGGGGGGTACCAAGAAATAAGGAGAAAACGGCCCAAAGGGA AAAAAAAAAAGGAAAGGACACCAGGGAGAAAGAGGGAAAAGAAAGGGGGG CAGGAGAGAAAGAGGGAAGGGGGAGAACAAAGAGGGAAAAGAACAGCCGG AGAGCCAGAGAAGGGGGAGGAGGGGGGAGAGAGGGGACAGGGAAAAGAG GAAAAACAAAAGGGGAAGGGGGGGGAAGGAAGGGGGGAAGGAAAAAAGG AAAAAAGGAAGGGGGGAACCGGGGAAGGAAAAGGGGGGAAAACCAACCAA GGCCAAGGAAAAAAAAGGGGGGCCGGCCGGAAGGAAAAAAAAGGAAAAAA AAAAGGGGTTGGGGAAGGCCGGAAAAGGCCAAAAAAAAGGGGAAAAGGCC AAAAGGAAAAAAAAGGAAGGGGCCAAAAGGAAAAGGAAGGAAAAAACCGG GGGGCCAAGGAAGGCCAAGGGGCCAAGGGGGGGGAAAAAAAAAAGGGGC CGGAAGGGGCCGGGGAAAAGGGGAAGGAAAACCGGGGAACCGGCCCCAAG GAAAAGGGGCCGGAAGGAAGGGGCCAACCGGGGGGAAGGGGGGGGGGGG GGAAGGAAAAGGGGGGGGGGAACCGGGACAAGGAACAAGAAAAAAAGGAC AAATGGCCAGAAAAAAACAAACGGGAAGGACCGGGGCGGGAAAAAAAGAC AGAGAAAAAGGAAAGGAGCCGGAAGGGGGGAAAAGGAGGACGGAGGACA GGAGGAAAAGGAGAAAACCAAGGGGAAAAGGAAAAGAAGAAAGAAAAGGG AA G G G GA GAGGAGAAAGGGGGAAGGAAGGGAGAAGAAAAGAGGGAGGGG AAGGGGGAGACAGGAAAGAAGGCCCCGGGGAAAGCCAAAAAAAAGGCCGG GAAAAAGAAAGGCCAAAACCAGAAGAGGAGCCAAGGCAACGGGGAGCAGG AAGGAGGGAAGGCCACGAAAGGGGAGGAAGAAAAAAAGAAAGACGAAAGG CAAAAAAAGGGGAGCAAAACAAACGAGAGGAGGATAGAGGGAAGTAAAAA AGAGGGAACCAAAAGGCAGGGAAAGAGACACAGGGGGGCCGCCCGGAAAA GGAAGGAAAAAAGGAAGGGGAAAGAGAAGGAAAAGAGGAGAAAAAGGAGG GGAAAGAACCAAGCAAGAAAGAACAGGAAAGAAGGGGGACGGAAGGAAAA AAGGGAGGGGGGGGAGCCAGAAAAGGGGACGACCGGAACCAAAAGGGGG GGGGGGGGAAAAACCCCCCGGGGCCAGGGGGAAGGAACCAAGGGACGCA GAGGGGAACCAAAAGGGGAAGGAAAGACAACCACAGGGGGGGGGGGGAG GGGGGAGAAGGACGGAGAGGGGGAAGGGGAAGAAACAGAGAAAGAGAAG AAAAGAGAGGGACCAACCAGCACAGGGGAAAGAGGGAAGGAGCCGAACGG AAAGGAAAAAAAAAAAAAAAGAAAGGAACCAAAAAAGGCGGAGGAAAGAG ACGAAGGGGGAGGGGGGGGGGGGGCAGGAAAAAACACCGGGCGGGAGGA AAAGGCCAATTAAGAGAGGCCAAGGGAGGGGCCAAGGAAAAAAAACAGGA AAGGGAGGGGAAAGGCCGAAACCAGCCAAGGAAGAGGAAGGAAAAAGAAA CGGAGAAAGAGAGAGCAGGAACCCCGGAGCCAAGGGGAGGGCCGGAAGGA AGGAAAAAGACAGAAGGCCGAGGAGAGAGACGGGGGAGGGAGACAAAAAA AAAAGCACCAGGGAGAGCCCCGGGAAATAAGGAGAGAGGGGAAAGGGAAG GAAAAGGGGAAGGAAGGGGCCAAAAGAGGGGGGCCAACCGGCACGAAGGA AGGGGAGAAGGAGAGAGAAGAAAAAAAGGGGGGGGAAAAAAAGAGAAAAC CGAATGAAAACACAAAGGGGAGGCCGGAAAGGAGAGGGAACGGGAAACCA GGGCAGACAAAACCAGGAAGAGGGGCCGGGAGGCCCCCCCCAGAAAAGAG GAACCAGGGAAGGGGAAAAGGAAGGAACCAGGGGGAAAAAAAAGAAGAGG ACAAAGACCCCAGGAGAGGACAGAAAACCGAAATTAAAAACGGAGGAAAG AAAGGAAGGCCGGGGAAAACAAAGGGGGGAAGGGGAACCGGAACCAAAAA GGAAAGAGGAGAGGGGGAGGAAAAAGGCCAGGGCCCCAGAAAGAAGAAAA AGGCATTAGAGCAGAAGAAGGGGGAAGAGAAGGGAAACAGGAAGGGGAGA CAGGGAAGGAAGGAAGAGGGAGGGGAGAAGGGGGGGGAAGGGGCCGGAA AA GACCGGAAGGAGGAAAGGATAGAGGGGGAAAACCGGGGAAAAGGAGAA CCAAGGGGGGCCACCAGGAAGAAAAAAAAACCAAAACCAGGAGGGGGGAA GGAAGGAGGGGAACGGGACCACCCAAGAGGAAACGGGAGAGAGGGGGGG GGGGGGAGGCCAAGGACAAACAGAAGGGAAGGAGGGGAGCAAAGGCCGG CCGGAAAGAAGGGGGGCCGGAAAAAACCGGGAAGAGAGGGAACCGAAAAG AAGGAGGGAGAGGAGAGAAGGAGGGACCGGAAAGGAACGAAAAATTAAGG AGAGACGGAAAAAGACGGACAGAGAGAGAAGGGGAAAACCGGGGAAAAAA GGGGAAAAAAAATTAACCGGAAGGAAGGAAGGACGGGAGGGGAAAAAAGA AGAAGAGGCCAACCAAAGAGGGGGGGAAAGGGGGCCAACAGACCGGGGAC AGAAAGAGCAGGAGAAAAAAAGCCGGGAGGGACCGGAGAACCAAGAGGAC AAAAAGCCGGAAAAAAAAAAGGGAAAGAAGGGGGAGGAAAGGCAGAAGAA

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G G G G G A A A G G A A GAAGGAGGAAGGGGAAACGGAAGGGAAGGAGAGGGGG GAAAAAGGAACGGAGAAAAAAAGGGGGGGAGAGGGGAGAGGGGGAGGGG AAAAGGAGGGAAGGAAGGACGGGAAGGGGGAAGAAAGGGGGAGGAGAGA GAGAAGGAAAAGAGAAAGGGGAAAAACAAGGAGGGAAAAACGGGGGGGGA CAAAGGCAAGGGAAAAGAACCAAGGAGAGGAAGGGACCAAGAGAGGGAGA GAAGGGGAGGAAGGGAGGGAGGAGAAAAAAAAAAGAGGGAGGGAAGGGG AGGAACGGAGGAGAACAAAAGGAAGGAGGGGGAAGGGGAAAAAAAAGGG GAGAAGAAAAGAGCAAGAGGGAGAGGAAAGGGGGAGAAGAAACAGACAAA GGGAGAAGGCCAGGAGCGGCAGAAGAAAGGGCCAAAAGGGGGGGGAAAA AAAACCAGGGCAAGAAGGAGGGGACAGAAGGCGAATACAAGAGGGGAAAA AAAAGGAAGGGATTAAGAGGAGGGGGAACCTTCCAAAAAAGGAAAAAAAA GAAACCGGGGGGCCAGGGAAGGGGAACAAAGGCCGGAGGACCGGAAAGA GGGACGAAGGGAAAGAGGAAAGGGGCAAAAAGGGAGGAAAGAGAGGAGG AACCCCAACCCCGGAAAAGGAGCAAGGACCGGGAAAGGAAAAAGGAGGAG AAGAGAGAGGGGGGGAGGAGAGAAGGCCGGAAGGGGGAGGAAAAGGAAA CCAAAAAAAAAGGAGGGCCCCAAGGGGAACCCCGAACAAAAAGAAAACAA AAAAAGGAAAAAAGGAAGGAGAGACGGCCAAAAGGTTAAAAGGGAGGGGA
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 CAAAAGGAAAACCGAGGGGAAGGGGCCGGGGAAGGAAAAAAGGAGGGAAG
 G GAAGATTCCGGAAGAAAAATTAAAAGGAACCCCGGAAGAGGGGAAGGGG G GAAGGAGGAAGCAAAGGGAGGGGACAAGGAGCCGAGACAAAAAGGGGAA AAACGGAAGGCCAACCGGAACCGGCAAAGACCCAGGAAAAAAGAAAGACC AAGCGGCCCACCACACGGAAGGCCGGGGAAGGGGAAAACCCCAAAAAAAA GGCCAAAAAAAAAAAAGGAACCGGCCGGTTGGGGGGAAAAGGGGGGAGGA GGCCGGAAGAAGAGAAGGAAGGGGAGGGCCGGCCGGAAGAAAAGGAGGG GAGGATTAGAAAAGGAAAGGGGGCCAGAGGAAGCCGGAAGGGGGGGGAA ACACAAGGAAGGAAGGCCGGCCGGGGCCAGAAAAAGGAGAAAGGGAAAAA AAAGAAGGGGGGACAGAGGGAAGGGGGGAGGAAGGAGGAACCGGGGCAA AAAAGCCGGAAAAGGCACAGGAAGGAAAGGGGGGGAAGGGAAGAGGGAA G G G G G G A GCCGGGAAGCCACAGCCCCGGAGGGACGGGGAAGGAAGAACA A G A G A G G G GAA G GCCAGAAAAGGGGGGAAAAAGAGGACCGGGGCCGGAA G GAAGGGGACAGAGAAAACCAAGGCCCCAAAAAAGGAAGAAGCCAGGGGG GAGACCGGAAGGGGGGGGAGCCGGAAAAAAGGGAGGAGCCGGGAGAAGA ACAGGAGGAGGGAGGGGAAGAGGGGGGAAAAGGAAAGGAGGAACCGGGG AAAAAAAAAGGGAGAAGGGACCGGAGCCGAGGAAGGGGAAAAGGGGGGAA A GA A A G G G G G G GAGAAAAACAACCGGGGGGAGGGAGGGAGAGAAAAGGG GAAAGGAAAGAAAAGGGCCACAGAAGAGGGGGGAACCAAGAAAAGCCGGG GAA G G AA G G G G A A A A G G G G G GCCAGAAGGGGGAAGAAGGGGCAGGGGAA A G G G G G G GAA G GAGAAAAGGAGGAGAGGGAAGGAGAACGACCGAAACCG G G GAA G GAA $A$ AGGGGGGAAGAGAGGCAAAGGTTAAGGGGGGGAAAGGGG CCCCGGGGGGAAGGAGAGGGAAGGGGGGAGGGAGAAGGGGAGAAGGAAA AAAGGAAAAGGAGAAACAGACAAGAGGGGGGAGGACCGAAGAAGGCCGGA AAAAGAAAAGGCCAGAACAAGAAAGGGATAGGGGGAAAGGAATAAACGGG GAACCGAGAAGAAGGGAAAAGAAGGAGGGAAAGAGGAAGCCCCGGAGCCG AAACCGGAAGGAACCGGAAAAACCAGGAAGACAAGCATTAAAGCCAAAAA CAGAGAGAAAAGGAGGGAGGAGGGGCCAGCAGGGGAAAAGAGGAAAGACC AAGGACCGGAAAGGAAAAAGGGGAAAACCAGGGGAGGGGAGGAAGAGAG GAAGGGAAAAAAAAAACCGAAAGGGGGAAGCAGAAGAAAAGAGAAAGGAG GACAAAAAGGAAAAAAAAAAGGGGAATTAAGGAGAAGGGAGGAAAGAAAG AGGAGGAAAAAGGGAAAAAGAAAAGGCCAAAACAAAAAGGACACGGGAAA AACCAAGGAAAAGGAAAAGGAAGGGGAAAAAAAGAGGGAGAAGGGGCCGG G G G ACAGAAGCGAGAAGAAGAGGAAAGGGGAAGGCAGGGACATATTGGAA ACAACCAGGGAAGGGGAAGGACGGGGAAAAAAAAAAAGGGGGACGGGAGC GGCCAGGAAGAAGAGAAAAACACAAGGGCAACGACCGAGGAAAGAAAGAC AA $\operatorname{A} A \mathrm{~A} G \mathrm{GGGGAAAAAAGGCGAAGGGGGAAAGGGGGAAACAGGGGACAGG}$ GAAAAAAGGAGAAGGAAAACCAAAAGGAAGGAGGGAAGGAAAAGGGAACC CGAGGAGCAGAAAAAAAAAGGGAGAAAAAAAAAAAAAGGAAGGGGGGAAG GAAAGCGAAAACCGGAAGGAGGAGGGAGGGGGGGAGGGACCAAGGAGAA GGAGAGGGGGGGGGAAGGACAGAGGGGGGAGGAAGGAAAAAAAATACAG GCAGAAAGAAACATTAGGGAAAAGGGGAAGGACAAAAGACCGGCCAGCCA GAGACAACCCAAAAAAAAAGGAAGGGGAAAGGGGAAGAGGGAATTAGCCC AAAAAAGCCGAAAGAGGGGATGGACAGGAAAGAGAAAGGGATTACGAAAA AGGAAGGAAAAGGCCAAGGGCCCAACCGGGGAGCAAAGGGACAAAAGCAG GGGAAAAAACCGGACGGAAGAAAAAAGAAAAAATTAAAGAGCAAGCCAAC AAAGGCCAAGGAAAGGGAAGCCCGGTTAAAGGAAAAGACGGGGAGGGGGG AGGGGACAACAAAGGAAAAGAAGGGAAGAAAAAAAAAAAAAGAGAGGAGA CAGGAGGCAGGCCAGCCAGGGGGAGAGGGAAGAGGTTCAGGCCAAGGAAA AAAGAAAACAGAAAAAACAAGAGAGGGAGGGCGAGAGACCCAAAGAAAGA CCCAAAGAGCAAAAAAAGAGGAAGGAAAAGGAAAGAACAGAGGGAAAAGA AAAAGATAGGGAAAAGGAGAAGGGGGAGAAGGAGGAGCCAGCCGGAGAAG GAAGGGAGAGAAAAGGGAAGGAAAAACGGACAAAACCCCCCGGCCACGGC CGAGGGAAGAAGAACAGGAAGGACAAGGGAGAAGGGGGGAAGGAAGGCC A GAAAGGGGAAAAGACAAAAAAGGAAAAAGAAAGGGGGGGGGAAGGGGG GAAGAGGGGGGCCCAGGAGGGGAGGGGAAGAGGAAAGGGGAGGAAAAGG

G G G G G G G G G G A A G G G G A A A G G G G G A ACAGAAGAGAAGGACCGAAGGGGG GAACCAGGGGGCAGAGACCATGAGGAGAACCAAGGAAGAGGAGAGTAGGA AAAGGCAAGAGGGAAGGAGGAGAGGAAAAGGAAAAGAAGACGAAGCAAGG GGGAGCCAGGAAGAAAAGGAGGGAAGGGGAAGGAGAGAACCGGGGGAGA GAGGCAAAGAGAGAGGGAGAGAAGAGAGGGGAAGGAGAAGCCAGGAGGG
 G GAGGGAAGGAAGGGGAATTCCAAAAAGAGAAAGCACGGGAGGGAAAGAG
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$22023000-9$ GAGGGGCCGGGGAGAGAAGGAGGAAAAAGGGGAAAAGGAAGC CCCCAAGGAGAGAAGGAAGGGAAGCCAAAAGGAACCGAGAAGGGGAGAGG AACCAGAGGAGGCCAGAGCCGGGGAAAGCCAAGGAAAGAGAAAAGGAGAG AGACGGGGAAAGAAGGAAAAAAGAAAGGAAAGCCGGGGCCGGAGGAGAAA AAGGAAAAAAACGAACGGACAAGGGGAAGGGGGGAAAGAGAGACGGACGG GAGGAGAAGGGGGGGGGGGGGGGAGAAGAGGCAATTGGAAGGAAAGAAA AA G GACCGGGAAAGAAGAACCGGAGGGCCGGCAAGGAAAGAGGAAGGGG GAGGGGAAGGAAGGAAAGACAGGGGGAGAGCAGAGGAACCAAAAAAGAGA G G G A G G G GCCGGGCAGAAAAGGAAGGAACCAGAACCCCGGAGAAGGAGAA AGCCAAAATTGAAGAAAGGGGGAAAACCAAGGAAAAAACATTCCGGGGCC GGGGCAAAAACAAGGAAGAAAACAAAAAAAAAAGGGAAAACCGGAAGAAG AAAGAAGGAAAGGGCAAAGGAGACGGAGGGAAAACCAGAAGAGAACAACC GGCCGGCAGGGAGACAAGGAAAAAGGGGGGGGAGGAAAGAAAAACCGAGA G G A G G A A GCCAGGAGGAAAAAAGGGGGGGGCAAGGAGAGGAGAGGACCC AGGAAAAGAAGGACAAAAAAGGGGGAACCCCGGAGGGGGGGGAGGAGAG CAGGAAAAAAAAGAGACAGGAAGGGGCCAAGGGAAGGGCCGGTTGGGGAA AGAGGAGACCAAAAAAAAAAGGAAGGAATTAACCAAAAGGGGGGCCAAAA GGAAAACCCCAAGGAAGGAACCGGGGAAGGGGCCGGAAAAGGCCGGAAAA

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GAACAAGGGGGGGGGACGAGGGAGGGGAAGGAAAAAAGGCCAAGGAAGG G G G G G G G GCCGAAGCCAACCAAGGGGAGCCCCGGAGGGCACACAGAAGG GAAGAAGGAAACCAAGGGGAGGAGGATACGAGAGGACCCCAAGCAGGCCG GAGGGAACCAACCGGGAGGAAGGAAGGCACAGGGAGGGGGGAGAAGAGG AAGGAACCAGGAAGCAAGAAGAGAGGGGGGGGAAAAAGAAGGGGAAAAAA GAAGGAACAGAGGGGGGGGAGGAAAACCGGCCAAAGCAAGGGAGAGCCG GGCATAAAGGGCAAGAAAAGAAGAAGGAAAAAAAAGAGGAGAAGGAAGGA AAGACAAACCAAAACCAGGAGAGGGCCGGGGGGAACCGGGGGGGGGGAG AGAGAAGGAGGAGGACAGAAAAGGAAGAAGAAAGACGAAAGGAAAACCGG AA G GAA G G G G A A A A G GAAAACCGGCAAACCAAGGAAGGGGAAACGAAGGA AA $\operatorname{G}$ GAAGGGGGGAAGGCCAGAGAAGGACGAAGAAGGGGGGAGCAGAGGG AAGACGGACGGACGGAGGAGGGGAAAAGGAAGGGGCCGGCCGGCCAAAA GAGACCGAGACAGGGACCACGGAAGGCAGGCAGGGGAAACAGGGAGCAAC GGGGAGGGGGAGGAAGAGAGAGGGAACCGGGGGAAAGGAAAAAAGGGCA AAAAAAAAGAAAGGAAAGGAGGGGGCCTTGGGGAAGAGGGGAGGGAACCA AAAAGTACAAAGGGGAACACCCCCCAAAAGACCGGGGAAACAAGGGGGAA AAAGGAGAGCCAAAACCGGGGGGGGAACCCCGGAAGGGGCCAAAAGGGGG GAAAAGGAACCAAAAAAAAAAAAAAAAGGAAGGAAGGAAGGAAGGGGAAC CGGAACCGGGGAAGGAAAAGGGGGGAAGGGGCCCCGGGGAAGGAAGGAA CCAAAAGGAACCGGGGAAGGGGGGAAGGAAGGAAGGGGGGGGGGAAGGG GCCCCGGGGGGGGAAAAGGAACCGGGGAACCCCAAGGTTGGAAAAAAGGA AAAAAAAAAAAAAGGGGAAGGAAAAGGAAAAAAAACCCCGGAAAAAAGGC CGGGGAACCCCAAGGGGAAGGCCGGGGGGGGAAGGAAGGGGCCGGAAGG G G G G A A G G A A G G G G G G AAAAGGCCGGAAAAAAAAGGCCAAAAGGCCAAAA G G A G A G A G G G A A A AAAAGAAAGGGACAGAAGGAAACGGGGAGACCAAGGG GGAAGAAGCAGAGAAGGAAGAGAAAAGACAGGCCGAAGACGGAAGGAAGG G G G G A A G G G GAA G G G G G G G G G G G G GAA G G GCGCCGAGGGGGAACTTCAG AATAGGAATCAGAAGGAAAAAGGGAGGGGAGGAGGGGAAGGGGAAAAAAA A G G G GAGACGGGGGGAAGAAGGGAGGGGCCCAGGAAGGAAAGGAAGGGG GAACGAGGAAAGAGAACCAAGGAAGGCCGGGGCAAAGGAAAAGGCCAAGG GGAAAAGGGGAAGGGGAAAAGGAAAAAAAGAGGAGAGGACGGAGACGAAG GGAGGAGAAAGGAGGGAAAAAAGGGGGGGAGAAGAAAAGAGGGGGAAGC CAGCCAGGGACAGAGCCGGAGAAGGAAGGAAAGGAAGAGGGCCGAGGGG AGAGAAGGAAGGAAAAAAGAAAGGCCATACAAGGAAGGGGGGAGAACCAA G G G GATAAGGGGGGGGGGGAAAAAGGGAGAGAAGAAGGCAGAGGAGAAC CGGAAGAAAGAAGCAAGAAGGGGCCGGGGCCGAAGGAGAAAGGAAGAGGC CCCAAGAAAAAAAGAGGGGAAGGAGGGGGGGGGAGAGAAGGGGGGGGGG ACGGGGGGGAAGAGCGCCAGAAAAGGGGAAGAGAAGGAAAAAGGGGAAAA GAAGGGCCGGAAAAGGAAGAGGGGGAGGAAAGAAGAAAAAGGCGCCAAAG AA $\operatorname{GAGGGACAAAAGAGAAAGAGGGGAAACAGGAAGGGGAAGGAAAAGGGG}$ GAAACCGGGGAAACAAAGATAAGGAAAGAAGAGGGGGGCAAGAGGGGGAG GGGGAAAAGGACAACCGAAGGAACCACAAGTACCCCGACCGGAAGGGGAA AAAGGGGGAAAAGGAAGAGAAAGGGGAAAGAAGGAAGGGAGCGGAGGAG GAGAGAGAGGGGGGAGGCCAGGGGAAAGGGGCCGGGGGGAATTAGGGAA AAAAGGGAAGGGGGAAAGCCAAAACCGAAAGGGACAAAACAAGGGAGGAA AGAGAGGGAGGGACAAAGAACCCAGAAGAAAGGGGGAAGAAATAGGGAGG GAGAGGAAGGCCAAGGACCCGGGGAGGGAAAAGGAAAAGAGGCCCCGACA GAAGGGCAAAGGGGGGGGAAAGCAGGGAAAAACAAGCCCAAGGGAAGAGG A GCAAGGGGGAGGGCCAAAAAAAGAGGGAGAAGGAGAACCTTGGCCCCAG AAACAACAGAAAAGGAAATAAGGAAGGAGAGGAAGAAAAAGGAGGGAAAA G G G GCCGGGGAGGGAAAAACGGAAGGAAGGAAAGGAAGAGACAGGAAAG GCAGGGGGGCGGGGGGGAGAGAGTTGAAGAAAAAAGGAAGGGAACCAAA AAAAAAAAAAAAAAAAGGGGAAGCCCGGAAGGAAAAGGGAAGCAGGAGAA ATAGGGGGAAAAGGGGCCAAGGAAGGCCGGAAGAAGGAAACCAAAGGGAA CAGGAAGGGAGATAAAAAAAAGGCGAACGGAGCCGACCGAAAAGCCAAGG AGCCAGGGGGGGAAAGCAAAGGGAGGAAAACCAAAAAAGGAGCACCACAA ACCCCCAGCAGGAAAAGGGGTTAAGGGGCCAGCAGAGGAAGAAACAGGGG AAAAGAAAGAAGGAAGAGAAAGAAAAGGCCAAAGAGAAGGGGAAGAGGAA GGAAGAAAAGAAAAAGAGCCGGGGAAAAAGAGGGAAAAGGAAGAAGAGGG GAGGACACAGCAGGGGAAGAAAAAGGGGAAGGAAAAGGAACAGGGAAAAA AAAGGAGACAAAGAGAAAAAAAGGGAAAGGAAAGAGGGGGGAAGAAGGCC

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AGGAAAAAAGGGAAGAGGAAGGAAAATAGGAAGGAAAGGGCCCAAGGGAA AAGGCCGAGGACAAAAAGCCGGAAAATTGGGGGGAAGGAAAAAAACGACA ACAAGGGGAACGAGGACCAATTAAAACCGGAAAGAAGAGGAAAAGGGGAA AA $\operatorname{A} G \mathrm{G} G \mathrm{G} G \mathrm{G}$ GAAGGGGAAAAGGAAAAGGAAGGAAAAAAGGGGAAGGGGA AAAGGAAAACCAAGGGGAAAACCCCGGGGCCAGAAAGAGGAGGGGAGAAA AAAGGAAAAAGGAGGCAAGGAAGACGGGGGGTTAAGGGAGGGGGGCGAA G GAAAGAAAAGGCCAAGGGGAGGGAAGGAAAGGAGGAGGCGGCAAGAAG G G G G G C CAA $\operatorname{l}$ GGGGGAAGAGGGGGGAAGACGAACAAGGGAAGGAAGGAA AAGAACGGGAAAGGGGAAGGAAGGAACCGGGGCCAAGGAAAAGGGGAAG G G G AAAAAAAGAGGGAAGGAACAAGGGCCGGGGCAAGGGAAGGGGGGAA AACCCCAAGGGGAAGGGGCCAAAGTAAAAGGGAATAAGTTCCGGACGGGG GGAAGGCCGGAAGGGGAAGGAAGGGGAGAAAAAAAAGGCCAGGAAGAGTA GAGGAGGAAAAAAGAGAACAGAAAATGGAGAAGAAGGAAGAAGGAAAAAA GGGAAAAAAAGGAGCCTTGAAAAGGGAAGGAAGGAAAACCGGGGGGACGG AACCAAAAGAAAAAAAAAAAAGACGAGAAAGAGGAAAAGGAATTACCAAGA AGGAACCGGAGAAGGACGGAAGGGGCCGAAGAAAGAGCAGAAAGGAAACT T GAAA $\operatorname{l}$ GAAGGGGGGGGGGAGGGGAAGGGAAAAGGGGAAGGGACCACAA CAGGAGGAAAAGAGAAAAGGAACAGGAAAAGAAACCAAGGGAAAAGGGAA G G G G G G AAA $\operatorname{la} A A A A A G G G G A A A G A A A A A A G A A A G G G G G G A A C C A A G G G A$ ACGGGGAGCCGGACAGGGAAAGAGACAGACGGCCAAGGAAGGACGGGGG GAGCACCAAGGCCCAGGGCAAAAGGAAAAGGCCAAAAGGGAGGCCAGAGA GAACAGAAGGGGGCAGGAAAAGGAAGGGGGAAAGGGGAGGGAGGGAAAG GAGGCCAACCAGAAGGGGGGGAACGAAGAGAAGGGGCCGGAGCAGGGGA ACCGGAAGAAAAAAAGGCAAAACACCCAGGGAAGAGAAAAGGAAAAGGGG AGGCAAGAGAGGAAGGACCGGGGACAAAGGGGGGGAAAAAAAAAGAAGAG G G G A A A A A A G G G G G G G GCCAA G GAAGGGGGGGGGAGGAAAAGAAAAAGG GGGAAAAAAAGGGGAAAAAAAAGAACCCAAGGGGGAGGAAAACAAAAGCC GAGGGGGAGGGGCAGAAAGGGGGGAAGGGGAGAAAAAGGAGACCGGAAG AAAGAAGCCAAGGAAGGGGACGGAAGAAAGGAAAGGAGGACAGGGGGGA GAGAGGAGACAAGAGGACAAGAGGGGGAGAGAGAAGCCAGAAGGGGAGG GAGGGGGCCGGAAAGGGGAGGAGAGAGGGGGAAGGGGGGACAAAAGAAA AAAAGGGAGACCGAAAGGAAAGAAGGCCAAACCCGGAAAAGGAAGGCCGA GAAAAAGGAGGAACAGCCGGGGGGGGGGAAAGAAAACCGGGAGGAAAACC G GAA G G G G G GAAAAGGATGGAAGAAAGGAAAGAAAAGGAAAAGGAGCCAC G GAA G G G GAAGGAGGGCAGGAACCAAAAAAAGGAAAAGAGGAAAAGAAGG GGAAAGAGGGCCAAAAAGGGAAAGAGAAAAAAGGGAAAAGAGAGAAAAAG AACCAGGCGGAGGGGGAGGGGGGGGGAGCCAGAGAGGGGGAAGGCCGGT TGGAACCAAAAGAGAGGGAAAGGGAAGGAAGAAAAGGAAAAAAAAGAAAA G G GAA G GAAAAAAAAGGGGAGGGGAAAAGCGGGGGCCAACCCCGAGAAAG GAGGGAACCAAAGGGGAAAAAAAGGAGAAAACCAGAAAAAAAGGGAAAGA CAAGAAGAAGAAACAAAAAAAGAAAAGGAAGGAGGAAGGGGAGGGAGAAG GGGGGCCGGCGAGGGACAACACCGAAGAAGGAAAAGGGACAGGGACCAAG GCCAAAAAAGGACGGGGAACAGAAAGGAAAAGGGGGGAAAAGGAAAAAAA GGGGAAACCGGCCGAGGCCAGACGGGAGGAAAGGGGGGAAAAAGGAAGG AACCAAAAAGAAGAAACCAAAAGGGGAGGAAAAGAGACAAAAAAAAAAAA GGTAAGAGGGAAACGGAAAAGGGGGGAACCGGGGCCGGAAAAAAGGAGG G GAAGGACCGGAAAGAGGGAAAAGGGGAAGAAAAGGGGAAAAAAAAAAGC AAGGAAAGGGGGGACGGAGGGACAGCAAGAAACGAAAGGAACCAAAAGAA
 G G G G G A A A A G G AA G G A A A GAA G G GAGGGGAAAAAGGGAAGGAAGAGGAG GAAGAAAAAGAGAAGGAGGGAGGGGGGAAGAGGGAATAAGGGAGGGAAA CAAAAGGAACCAAAAGAACAGAGAAGGAAAAAAAAGGAAAAAAAGAGGAC CAAAAAAGGAAGGAAAAGAGGAGAGAAGGAAGGAAAAAAAAGGCCAAGGA GGAGAGAAAGAGGAGATAGGAGAAAAGGAAAGGGGGGAAATAACCAACCC CACGAGAAGAAGGGGAGAGAAAAAAGGGGGAAAAAGGCCCCGGAAACGGG AA G G GAAGGAAAAGGGGAAGGGGGGAAGGAACACAGGGAAAGAAAGCAG GAACGGAAAACCAAAAGGCCCCCCAACCGGGGAAGGGGCCAAGGGGCCAA CCGGGGCCAAAAAAGGAAGGAAGGCCGGAAGGGGAACCAAGGGGGGGGA AAAAAGGAAAAGGGGAAGGGGGGAAGGGGGGGGGGGGGGGGCCAAGGGG AA $\operatorname{A}$ GGGAAGGGGAAGGGGGGCCGGAAAAGGAACCAAAAGGAACCAAGGG GAGGGCAGAAGGGACGAAAGAAAGAGACAAAAACCAAAAAAAAGAGAAAG

G G G G G G G G G G G A A G G G GAGGAGAAAAGCCAAAGGAGGGAGAAGGAGAGG AA G G G GAGAAGGGGAAAAAAAGAGAAAGGAAGGAGGCCGGGGGGGAGAC AAAAGAAGAGAAGGACAAGGGAGGAGAGGGGGGAGGGAGGAGATTAAGG ACAAAGGGGGGGGGAACCAAAAGGAACCGGGGCCGGCCAAGGGGAAGGG GAAGGGAAAGGACAACACCAGAAAGCGCAGGGAAAGACACCGAAGGGAGG AAAATGGAAGGGAAGAGGAAGAGGGAAGGGGGGCCAAAAGGGGCCAAGG
 A G GAA $\operatorname{l}$ GAAGGGGGGAACCGGAAGGAAAAGGAAGGGGGGGGGGGGGGTT AAGGAAAACCAAAAAAGGGGAAGGGGAAGGAAAACCAAAAGGAAAAGGAA AAAAGGAACCTTAATTGGAAGGAAAAAAGGAAAAAAAAGGGGGGGGAGAG AAAAAAGGGGGGGGAGAACCAAGAGGAAGGGGCCAGAACCGGGGTTAAGG GGAAAACCAAAACCAGGGGGAAAAAAGGCAAGGAGACAAGAAAGAAAGAG AAGGCCACAACCGAAAAGTAGGAAAGAGAAAAAAGGAAGGAAAGCACAGG GGAATTAACCGAACGGGACCAGGAGAAAGGGGCAGGAGCAAGGAAGCCAG AGGGGAAAACAACCGGGGGGGGAAAGGAAAAGGGGGGGAAGGAAAAATG G G G G G AAA G GAAGAGGGAGGAAAAGAAAAGGAAAAGGGGCCCCAACCAAA AGGAGAAAGAGGGAAGGGAAAAAAAAAGGAACCGGAAAACCCCAAACAGG GAAAAAAAAAAGGAAAACCGGGGAAAAAAAACCGGCCGGAAAACCGGGGG GAAAAGGAAAAAAGGGGAAAAGGAGGAGGGAAAAGAAAGAGGGGACCAGG GGAAAAAGGAAGGCCGGAAGGAAGGGAAGGCGGAAAAAAGGTTGAAAAGA GCCAGGGAGCAGGGGAAAAAAAAGGCCGGGAAGGAGGAAGGCGGGAAAAC C GCAA GCGGGAAGAGCGAGAAGGAGAGGGCCAAAAGAGAAAGGGGAGAAA G GAAAGAGAAGCAGGGAAGACAGAGGGAAGGAAGGGGCCGGAAGGGGAA GGGGAACAAGAAAAGGGGGGGGAAAGAGAAAGGAGAAAAAGGAGGGAGG G G GAA G GAACCCAGGCAGGGGCCGACAAGCCGGGGAAAAGAAACCAAGGA GAAAAAAGAGGAGTTAGGAAAAAAACAACAAAAACGAAAGGAGGAGACAG GGGGACCGGGGAGAAGGAAGAATCCCCGAAGGGGGAGAAGGAGAGGACA GAAACAACAACCGGAGAACCAAGGGGAGAAGGGGGGAGGACCCCAAGAAA G GCA $\operatorname{CAT}$ T G G G G G G G G G G A A A A G GAAGGAGGAGACAGGAACCAAGAAAG G G G G G G A A A CAGGGGGGGAGAAGAAGAAACCAAGGACAACAAAGGGGCCG GGGCCAAGGACAAGGAACCAAGGGGAAGGCAAAAAAAAAAAAGAAAAGGG AGGAGCCAAAAACCGAGGGAGAAGGGGACGGAGGGAGAAAATTAGGAGAA G G AAAGGGAAGAGAGAAGAGGGACCAAAAGGGAAAGGCCAAGGGGGAAAG GAGAGGGAAAAAGAGACTTAAGGAAAAAGGAGAGGAAAAAAAAAAGGAAC CCCGGGAACCCAGAAAAGGAGGGGGGGCAAGAGGGGAGAGAGAAGGAGA GAACAGCAAGCGGAGGGGGGGGAAACGAAAGGGGCCGGGGCCGAGAACG GCCCCAAGAAAAGGAGGGGTAACGGATCCGGCCGAAGAGAGAAGGAAGGA AGAAGAGAAAAAACCGGGGGGGGGGGGAAAAGGGGAGCAGGGAAGGAGA G GAACGGGGAAAGGAAGGAAGAAGGGAAAACAGGGAAAGGAAGGGGAACC AA $\operatorname{la}$ A $\operatorname{AA} A \operatorname{AGGGGACCGAGGGAGGAGGGCAGGAAAAGGCCGGGGGGAGC}$ CAAGGAAAAAGGACCAAACAAAGAATTAAGAGAAGGGAGAAAAAAAGCCG GGGGGCAGGAAAAAAAAGGGGAGAGGGGGGGGGACGAAGGGAGAAGGAG ACAGAAATAGGAAGAGAAAAAAAAAAAAGGGGGGAGCCAAGGCCAAGGGG CCGAGGAAAAGGGGGGAAGGAAGGACCCAAGGGGAAAAGAACGAAAGGGA AA $\operatorname{AGGGAGGAAGAGGGGAGGGGGGCCGGAAGGAAGGAAGGAAGGGGAAG}$ GGGAAGGAAAACCCCGGAAGGAAAGAAGGAGAGAGAGGGAAAAGAAGGAG GGGGGAAAAAAGGGGGGAAGGAAAAGAAAGGAAAGGAGAAGAAGGAAAAG GACAGAGAAAAAAACGGGAAGAAGGAAAGCAAGAGAGAGAGCCGGGGGGC CGGAAGGGAAAAAGAGGGGAAAAGGGGGAAAAAGGAAGAGAACACACGGA GAGTTGGGAGGAGCAAGAAGGAGAGGGGGGGACGGGGGGAAGGAGAGAG CAGGCCAGAAAAACAAGAAGAAGGGGAAAAGGGAGGAAGGCCGGAAGAAG GGAGGGAAAAAGAAAAAGGGCCACAGGACAGGAAGGAAAAGGACCAGGAG ACAGAAAAAAAGAGAGAAAAGGGGGGGGGGGGCCGGAAGGCCGGGGAAA AA GACAGAAAGAACCAGAATTAAGAGGGGGGCCGGTAAGAAGGGGAGAGG AAAACCCAAGGAAGGAAGGAGGGGGAAAGCCGAGGGGACACGGGAAACCG GAA G G G GCCGGGGCAGAGGAGGAGAGCACGGGGGGGGCCAACCAGCAGA A GAGAAACAGGGGGAGGGGGGGCACACGAAGAGAGAGGAAGGGGGGGAG GACAAGAGGACACGGGGAGGAAGACCCAGGGAGCAGGGAGGGGGGAGCC AA A GGGAGGGGGAAGGACGGAGGGAGAAACGAACGGACAAGGAGGACCG GAGGGAGGAACGGAGAGCCGGGGAAGGAACCAAGGCCGGGGAAGGGGAA AGAGGGCCAAGAGGAACCAGGGGGGGAGAAGGGGGGGAGGGGAAAAAAA

AAAAAAAAAAAAAAAAAAACCGGAAGGGGGGGGAAACAGAAGAACGAAAA AAAACAGAAGAAAGGGGAGAGACAAAAGGGGGGCCAAGAAGAGGGAAAAA AAGAGGGGGGGAGGGAGGGGGATAAAGACAAGAGGGACCAAAAAGAGCA GAAAGGGGAAAGGGGGAAGGCACAAAAAAGGGAAGGGGTAAAGGGGAGG GAAGGAAGGGGAAGGACGGAAAGGGAGAAGGAACCACGGGGGGAGAACC GGCAGGGAAGGGAAGGAGAGAAAGGAGGAAGGAAGGGAAAAGAAAAAAGA GGGGAAGGAAGGAAGAAAGAAAGGATGGAAGAGGAGAAGGGGCCAAGGA AAAAGAGAGAAAACCGAGCGGGGAGGGGGAAGGAGGGACAAGGACAAGAG AAGAGAACAGAGACCGGAGGGGGCAAGAAAAGAAAAAAAAAAGAAGGCCG AAACCAAAGAAGGGGGAAAGAAAGAAGAGAAGGAAAACCGGAGAGGGAGC CCCAAAAACAAGAAGAAAGGCGGAAGGAAAAAGAAACAGAGCAGGAAAGG AGAACGGAGAAAAGGCCCCAAGGGGGGCCAAAAGGCCCCGGGGGGGGGG GGAGGGACGCAAAAAAGGGGAGGCAAAAAAGGGGAAAAAAAAAGGGACAA GGAGAGAAGAAAGAAAAAGAAACAAAGGCGGAGGAAAAGGAACCAGAAAA GGGGGGGGGGCAGAACGAAACCAAAACCAAAAAAGGAAGGGGGGAAAGGG AAGGAAACAAAAGGAAAAAAGGAACAGGGGGGGGGGAAAAGGCCAGCAAA AGGGAAGAAAAGCCAGGGAAAAAAGGAACACAAAAGTAGGGACGGGCACC GGGAGGGGAGGGGAAGAACCAGAGCCAAAGAAGACCACGAACGGGAAAGG AAGGAACCAAAAGAGAAAGAAAAAAAGAGGGGACCCAAAAAAGGAGGGGG AAAAAAGGGGAAGGGGGGAGGGGAGGAAGGGGGACAAAAAAAGGAAGAC CGAAGAAAAGGGGGAATAAAACAGGCAAACCAGAGCCACAAGAACGGAAG GGAAAGGAGAAGGGGGGGGGGCCTAAAAAAACCGGAAAAAAAGGGGAGGA GAAGGGGGGAGGGCCGGAAAAGGAAGGAGAAAAAGAAGGGGAGCGGGAA GAGCAGAGACGGGACCAAAAAAGGGGCCACAGAGAACCGAGGAGAGGAAG GCGGGGGAAGGGAAAACAGGGGGGCCGGGGAGAAAAAGGGCCGAGGGGC CGGAGAGCAGGCAAAAGAGACGAAGAGAAAAAACCGGAACCGGAAGGGAA AAGCGCAGGAAAACAACGAAAAAGGGGAAGAGGAACCCCCCGAAAGAGGG AGAAGAAGGGGAAAAGGAAAGGAGGAAGAACAAAGACGGGAAACCAGGGA CAAAAGGAAAAGGAAAAGAAAGGAAGGCCGGAACCGGGGAAAACCGGGGG GCCGGAAAACCAAAAAAAAAAGGAGAGAGGAAGAAAAGGGAGGGGAAAAA ACCTTGAGGGGACAAAAGGGGGGAAAAAAGGGGAAAAAGGGAAGAAAACA GGAGAGGAAAAGAGGCAACAGAAGGAGAAATAAGACAAGACAGAAGGGGC CCAAGAGAAGAAAGGAAAACCAAAAGGCCAGAGGAAAAACCAGAAAAAGG GAAAAAAGGGGACAGAGGGGGCCGGAAAAAAGAGGAGGGGGGGGAAAAA AAGGAAGGGGAGGAAAGAGGGGAAAGACAAAACCAACCAAAACCGGACGA AGAAGAGGGGGGGGAAGGAACCCCAAGGAAGGAAAACAAAAGGGGAGAGG GGGGAATTAAAAAAAGAGAGAACCGGGGGGGGGGCCACGGAAAAAAAAAA CCGGGGGGAAGGGGAGCCGGGGAACAGGGAACAAGGAAAAGGAAGGGGA AGGAAAAGAGGAAGAAGGGGGAAGGAAGGAACCAGGGAAAAAAAAGGAAG GAAAAAACCGGAAAAAGCCGACAAGCCAACCGGAAAGGGAGAGAGGACCG AAACAGAAATTGGGGCAAAGGAGAAAAGAAAGAGAGGAAAAAGAAAAAAG ACCAGGGGGAATTAGAGAAAGAGACAACCCCGGAGCCGGAAGGTAGGGGA AAAGGGGCCAAAGAGAAGGAAGGAGAAAAAGGGGAGGAAGGGGAAAAAAA GGAAAGAAAGGGGCGGAAAAAAAGAAGGGGAAAAAGGAAGAAAAGAAAAA AAAAACCGAAGAGGAGAACGAGGGGAAGGGGAAGGGGCCAAGGGAGGGA AAAAGGGGAACCAGAGAGAGAAAGGGAACAGAAGGAGGAGAGAACCGGAA AGTTAAAGGGAAAAGGGGGGGGAAAAAGAAACCAACAGAAGGAGAACCGG GGGGAAGGAACCGGGGAAAAGGGGGGCCGGAAAAGGAGAAGAGGAAAAA AA $\operatorname{lax} A \mathrm{~A}$ GGGGGGGGGAAGGGGAAGGAAGGAAAAGGGGCAGGGGGAGGAA AA $\operatorname{GGGGA}$ GAAGAAAAAGGAAAGAACCGAGGAAAATTAAGGGAGGAAGGAA AA G G GAAAAGGGGGTTAGAATTAGGGGGGGAACCAAAAGGCCGAGGGAAA AAGGGGAAACGGGGGGAGGGGAGAGGAAGGAAAACGAACCGAAAAAAAAA CCACCCAAAAGGGGAAGGGGATGAAAAACAGGAGCCGGAGCAGGAGGGAA GGGAAGGGGGAGCAACGGAAAAGGGGCCGGGGAAGGAAAAGAAAAAAAAA CCGAAGAAGGCAGGGGGAAAGGGGGGGAAGGGAAGGAGGAAACCGAGGG GAAAAAGGACCGGGGGAGGGGGGGGGGAAGGCCCGGAGAGAGGGGCCAC GAAACCAAAAGGGAGGAAACGGGACCGGACCCGGGGGGAAAGAGCCCCCA GGAGACGGAGGGAACCCAAAGGAAGAGGGAGGAGAGCAGAGGAGGAGGA GGAGAGATTGGAGGGGAGAAGGACGGACAAGGGCAGAAGAAGGAAAAGG AAAAGGAAGGGGGGGGAAGGAAGGAAGGAGGGAAGGAAGGAAAAAACCAA AA $\operatorname{A} A \mathrm{~A} G \mathrm{G} G \mathrm{G}$ GACAGAAGGGGGAAAGGGGGGGGAAAGGAAAGACCAGGGA

AGGAAAAGGGGGGGAGAAGCAGGGAGGACAAGGGGCACAAAGGGGGGAA G G GAAAGGAGAACAAGAAAAAAAGCAAAAAGGAGGAAGGGGGGGAAAAAA AACCGGGAGAGGCAAGCCAGAGAAGAGGTTAGGGGGGGAAGGCCAGGGA AAAAGACGGAAAACCCCGGAAACGGGGGGAAGGGGAAGGAAGGGGCCGG GACAAGAGGGAAGGAGCCGAAAGAGAGAAAAAGGAAAAAAGGAAGGAGAA AA G G G GAGGGAAAAAAAGCCGGAACCATAAGGCAGAAAGAAGCCGGACAA GAAGCCCAGAACGAAAACAGAGGGGACCGGAAGGAAGGAAGGAAAACCAA AACCAAGGGGAGGGCCGGAAAGGGGGAGAGAAAAGACCAAGGGGGGGGA AGGCCGAGGAAAAGGAGGAGGCACAAAGAAGGGAAAAAAGAGAAAACGGG GAAGGAAAACCGGGAGGGAAACCGGAAAAAAAAGGAAAAAGGGAAGGGGA AAACAAAGAGGAAAAGAAGCAGAAAAAGAGGAGAAGGAAAAGGGGGGGGA ACCAAAAAAAAAAGGGGAAGGCCGGAAAACCAAAGGGGAAGGAAGAGAGA ATTGGGGCCGACCGGCCAAAACCAAAAAATTCACAAAACGAAGAGAAGGA AAAGAGACCAAGGAAGGGGGGAAGGGGCCCCGGCCGGAAAAAACAAAGAC CAACCAAAAAAGGGGCCCCGAAGCAGGGAACAGAAGAAGAGAAAACCGAG AAA $A$ GAGGAGGGGGGAAAAGGAAAGGGGGGGGGGGGGAGAGCCAGACGG G GAGGAGGAAGGAAAAGGACCACAAAGGAGAGGGACAAAGAGCCGGGGAG GGAAAGCAGGAAAAAGAAAACCGGAAAAGGGGCCAAAGGGAAAGGACACC CCAA A A GAGGGAAGAGGGGGGAGGGGGGCCGGAGAGAAAAAGCACCAAG GCCGGGGAAAAAAGGGGCCGGGGGGGGGGCCGGAAGGAAGGGGAAGGCC AAAAAAGGCCGGGACCGGGGAAGGAACAACGAACGAGGCCGAAAAAGAGG GGGGAGGGAGAAGGAAGGCAACAAGAGAAGCCGGCCAGGGCCGGGACAG GAAACGAAGGGGGAAAAGGCCAAAACGAAGGAAGAAAGGAAGGGGAAAAA GAAAAAATAGGAAGGGAGATTCATAAAAAAGCAAAAAGGGGAAGAAAAGG ACCAGGGAGAAAAGGGAGGGAGAAGAGCCATAACCCAGACCAAGGAGGAA GAGAAAGGGAGAGGAAAGGAAGGGAAGGAAGAAGGAGGGACGGGAAAAA AA G G G GAAAGGGGGGAAGAGAGGAAAAAGGCCAGGGAAAAAAGGGGAGA AGACAAGCCCAAAAAAAAACCGCCCGGGGGAGGGGGGAAAAAAGGGGACG AGAAAAAAGAAAGAAAGAGGAAGAAGGCCAGCAGGAGGGGGAGGGAGAGG G G G G GAGGAAGGAAGGGGGGGGGGGGGGGAAGGAAGGGGCCGGGGAAAA AGAAAAAAGGAACAGAAAAAAGAGGAAAGAAGGGGAGGAAAGGACAAGAG AAGGAAGAACGAAAGAAGGAGAAGGGAGAGAAGGAGGGAAAGGAAGAATT AGCAAAGGGGAAAAAAAAAAAAGAGGAGCCGGGAAAGGAACCAAGGGGAA GGCCGGCCAAAGAAGGAGAAAAGGAACCAAAGGGGGGGGGAAGAAAAAGG GAA G GAGGGGGGAGGGGGAAGGGAAAACGGGGGGGGGGAGGGGAAGGAA GGGAAAAAAAAAAGGAAGAAAGGACGGAAAAAGGGGGCAAAGGAGGGAAG AA $\operatorname{A} A \mathrm{~A}$ GGGGGGAAGGGGGAGGCCGGAAAGGAAGAGGGGGGAAGAGAGAG AAAAGGGGAAAGGGCCGGGACCAAGGGGAAAGTTAAAGACAGGGAAAAGG GGGGCCGAAGGAAAAAAAAGGGAAAAGGAGGACACAGAAAGAAAGGAACA GAGGAGAACCCCGGCCGGGGAAGGGGGGGGCCAGAAGGAAGGCCCCAAG ACCACAAAGAGAAGGAAGGAAAGAAAAAAAAAGAAAGCCAGAACCGGGGG GAAGGACAAGGGGGGTAGACCAGAGAAGGGGGGACAAAGGGAAGGGGGG GGCAAAGGGGAGGAGGGAAGACCAAGAAGGGAAGCCGAGGGAGGCCGGG AGGGGCCGGCCGAACGAAGAAAACCGGCCGAACAACCAAAAAAAAGGCCA AAAGAGGAGGGCGGGGGAGAGGGAAAAAAAAAGGGGAGGGGGGGGGGGAG AAAAAGTTGGAGAGGAAAAGAAGGAGAGAAGAGGAACCAAAAAAAAGACC GAAAAAGAAAGAGGACAGCAGAAAGAGAGGGAGGGGGGGACCAGGGGAG GGGCCGGGGGGAGGGAAGGCCGGCCGGGAAGGGAAAAGAGGGGGGGGAA G GAAGAAGGAAAAGGGGGAAAAGATTGAAAGAAGGGAATTAGAAGGCAAA GGGGAACCGGGGGGATACGGCCCAAAAAGAAAGGGGAAGGGAAAAAGGG GAAGAAAAAAAGAAAAGAAGGGGGGCCAGAGAGAAAGAGGGGGGGGAGA GAAAGAAAGGGGAAAACCGGAAGGGGCCGGAAGGGGGGAAAAAAAGTTAA A G A GAGAAGGAAGGCCGAGGACCCGGGGGAGAAAAAGGGGGACCAGCAG GAGCCAAGGAAACGGGGAAGGAAGGACAGGGAAGGGAAAAGGGACCCGGA GCCAAAGAGGAGGGAGGCAAGGACCCCAAGGGAGGAACCGGAGAGAGGG GAGGGGCAAGAAAGAGGAAAAAGGAAGGAACCGGCCGGGGGGGGAAAAG GCAAACACAACACAGAAAAGAAAGGGGGGAAAAAAAGAAGGAAAAAAGGG AAACAAAGAAGGAAAAAAGAGGGAAAAGGGGGGGGGGGGCCGAGGGGAG GGGAGGGGAGAGAGGGGGCCGGGGAGAGCCGGCCAACAGGAAAAGGAAA AGGAAGGGGAGGGACGAAGAGGGACGGGGAGCCAGGAGAGGAAGAGGCC AGGAGACCGGAGCCGGGAGGAAGGGGGGGAAAGAGGGGAACCGAAAAAG

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 G G A G G G G G G G G A A A A CA $\ln$ GAAGGGGAGGAGAGGGAAAAGGAAAAGAGGA GAAGAGGAAAACCGGGGAAAAAAAAGGAGCCAGGGGGGAAGAAGGACGAA AAAGAAAAAAGAGGGCCGGAAAAGAAAACAAGGGACCAAGGGGGGGGGGA GGGGACCCCGGGGAAGGAAAAGGGAAGGGAAACGGGGAAGGAAGGGAGG AAAAGGCAAAAAAAAGAAAAAGCACCAGGAAAAAAAAAGGGGGAGAGAGA G G G G G GAACCAAGAAAAAAAGACCAAAGGGAAGAGAAAAGACACATGAAG GAACGAGGGAAGAAAAGGAAAAAAAGGGGATAGAAAGGGGGGGGCCGGG AAGAGAGGGAAAAGACAAAGAGGAAAAAGAAATCCACAAAGCACCAACCA ACCAGCGGGGGAAAGAAGGGGAAAACCCGGAAGAGAACCACGGAACCGGA A GAA A A A G GAAGGGAGGGGGGAGAGAAGGGGAAGGGGAAAAGGGGGGAA G G G GCCA G G G G G G G G GCCGAGGGAAGAAGAAAGGGGAGGGGGGCTTACG GGAGGGAGGCAGACCCCAGAGAGGAGGGGCCAACCAAGGGGGGGGAAGG AAGGCAAGAGGAGGCCAAAAAAGGGGAACAGGGGGGAAGGTTAACAAAAA AAGGAAAAGGCAGAAAGGCCGGAAGGGGCCAAGGAAAAGGCCCCAAGGAA GGGACCGGACAAAAGGACAAACAGGGAAGGGGCCGGAAAAGGGGGGGACC G G G G G G A A G G G GCAAAGGGGGAGAAAGACCGGAACAAGGGGGGAGAGGA A G G A G G GAA G GCCAGGGAAAAAAGGAAGGGGGGGGAAAGGAAGAAAGGG GGGGGATTAAGGAACCGGAAAGACAGAGACAGGAGGGGAGAGAGGAGAG GACGGGAGAGGACGGCAGGGGGGAACCAAGGAAAAAAGGAGAGGGGGAA G G G G G A G GCCGGCAGGGAGGGGAAAAAAGGAAGGAACACAAAACGGAAAG A G G GCCCAAGGGGGAAAGGGGGAAGAAAGGAGGACGGGAAAGGGGGGGG G G G G G GAGGGAGGGAAGGGGAAGAGGGAAAAGGAAAAAGCGGACAAAGG AA G G GAAAGGAACGAGGGTTCCAAAAGGAGAAAAGGGGGGGGGAGAAGG GAGAAAAGGAACCAAAAAAGGGGAAGGGGCCAAAGAAAGAGAGGAAGGAA GAAAGGGCCAAGAAAGGGAGAGGAAGAAGAGGGAAGAAAAGACGAGAAGC ATTCCAGCCGGCACAAGGGAACAGGGAGGAACCGAAAGGGGGGGGAAGAG AGACCGAGGAAGGAAGGGAGGGGAAAGGAAGAGGGAAGAGAAAAAGGAA GGGGGAAAGACAGGGGAGGGGAAAAAAGACAAGGGGAAAAAAAAAAGAGA AGCCAGAAAAGGCAAAGGGGAGAGAGAGAGCAAGAGCGGAAGAGAGAGGA AA G GAAAAGGGGCCGGCCGGGGGAGGCCAAGCAGGGGGGGGAAGGGAAA G G G A A CAAACAAGAGGAGAGGGGGGGAAGGGGGGGGGACAGAGGAAAGG AGAGGGAAACAGAAGGGGGAGGGAGGGAGGAAGGCCGGGAAAACGGAAG CAGGGAAAAGGGGGAAGGAGGGGGAGGGGACAAACGAAAAAAAAAACGGA GGGAACCAGAAGGAAAGGAGAAGGAAAGGCCGAAAAAGGCCAAAAGGGGG AGGAGAAACAGAAAGGGGGGGGGCCAAAAAAGGAAGGCCAAAAAACAGGG
 AA $\operatorname{l}$ G G G G G G G A G A GAGGAAAAGAAAGGGGGGAGGGAAAGGTTAAAAAGA GAGGGAAAAAAGGAGGGAGGAGGACAACCACAAAAGGAGGGAAACAGAGG G G G AA G G G GAACCAGGGGAAGAAGAGAGAAAAGGGGGCCGGCACAAGAAA AAAGGGGAAGGGGCCGGCCGGAAGGAAAAAAAAAAGGCCGGAAGGGGAAA AGGAAGGAAAAAAAAAACCAAGAGGGAGGGGGGAACCAAAAAAAAGGGGG GGGAAGGTTGGGGGGGGGGGGAAAGGGAAAAGGAAGGGGAGGAGGAAGA AAAGAAAACCGGCAAAGGGGAAAACCGGGAGAGAGAAAGGGGGGCCGGGG

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 G GAA $\ln \operatorname{GGGGGGGGGAACCAAAAAAGGAAGGAAGGAAGGAACCAAGGGGC}$ CAAAAAAGGGGGGGGAAGGCCGGAACCGGAAGGGGGGGGCCGGAAAAAA AAGGGGGGAAAACCAAAAGAGAAAGGGGAAAGGGGGAAAAAACCACACAG CCAAACAAGGAACCAAGGGGTTGGGGAAGGGGAAGGAAAAAAGGCCGGAA AATTAAGGAAGGGGGGGGGGGGAAGGAAAACCAAAAGGGGCCGGGGGGA AAACCAAGGGGGGAAGGAAAAAGGGGGGAGGCCAGGGCCAAGAAGAAAAC ACCAAAACCCCCCAACCGGAAACAGAAAAAAAAAAGGGGGGAAAAAGGGC CGGGGAACCGGAGAGAAGGAAAGAGGGGGACGAAACCGAAAGGAACCACA GAAAGAAAGGACCGAACCAGGAAAAGGAAGGGGGAAGGAGGCCGGCAAAG GAGAAAAAACAGGAGCCGGCCGGAACGGGCGAAGGAGGCAACCAGAGAGA ACAAGAAAAAGACGGGAAAAAGGGGAGGAAAGGGGGGAAAAAAGGGGGGC CGGAAAAAAAAGGAGAAGGAGGAGGAGGAAGCCAAAAAAGGAAGGAAGAG GACGGAAGGGAGAGGGAGGGGAAGGAAGAAAAGAGGGGGGGAGAAAAAG AGGAGAACAAAGAAGGGGCAGACCACAGAACCGGGGTTGGGAAGAAAAGA AA $\ln A \operatorname{GGA}$ GACAACCAAGGGGGAAGAAGGAAGGGGAAGGAGAGGAGAAAG GCCGACAAAAGAAGAGAGGGGGGAGGGGGAGGGGGAGGGAAGGAGGGGG AA $\ln A \operatorname{GGGGGAAAGGGGGGGGAAAGGAGGAAAAGGGAAGGAAGGAGGAGA}$ GGAAAGGAAGAAGGAGGCCGGAACCGGAAGGGGAAAAAAAGGGGAAAAAA AGAAAAAAGAGAAAAACCCAGAAAAAAAGGGAAGGGAAACCAGGGGGGGA ACCCCAAGGGGGGGGAGCCAGAGCAAGGGAAAAGGGGCCAAAAAAAAAAG GAAGGGGGGGGAAGGAAAAGGGAAGGGAAGAGGAAAAGGAACCGGGGAA AGGGCCGGCCAAAAGGAGGGGGGGAGGAGGAACAAGGACAAAGGGGAAG GACGGGGAGAAAAGAGGCAAAAAACAAGGAGGGAAAGGGGGAGAAAAAAA AAAGGGAACGGAAGGCAGGCCAGGGCCAAAGACAGGAGGACAAAAAAGGG GGAAGGGGGAAGAGGGGGAAACCGAGAAGAGGGAAGGGGCCGGGGAAGG CCCAAGGACAGGCCGGAGCCAAGAAAGGGGGAAAGAAACCGGAAAAGAAG CAGGAGGGGGCCAGAAGGAAAAGAGGAAGAGGGAAGAGGAAGAGAGAGG ACAGAAGGAGGGGCCGGGGAAAAGGGGAAGGGGGGCCAAGGAAAAGGGG AAAAAAAAGGGGGGAAGGGAAAAAAAAAGAGGGAGGAACAGGAAAGGGAG CAGGGGGGGAATGGGAAGGGAAAGACCCGGGGAAGATTAAAAAAATAGAA AGAAAAGCAAAAAAGGAAAAGGAAGGAGCCGGCCGGGGAGAAAGAGAGAC AAAAGACCAACCAACAGGAAGGGAAAGGAGAAAAAACAAGGGGGAAAACC AAGGAACCAAAAAGCAGGGGGGCCAACCGGGGAAGGGGAAAAAAAAAAAA G GAAAAAAGGGGAAGGAAAGAGCGCCGACGTTAAACGAAGAGAAAAGGAA G GAAGGGACCAGAAAGCCGGGAAAAAGGAAAGGGAAGGACAGAAGGAAGG AGAAAAAGCGCCAGAAGGAAGAAGAAAACCAAAGAGGGGGAGTTAAAAAA AAATAGCCAAAAGGGAAAAAGGGACCAAGGAAAAAGGGCCGAAAGGGGGA GGAGAAAGGAGGGGAGGGAAGAGGAAACGGAAGGGGAACCTTAAGGGGG GAAGAGAAGGAGGAAGGGGGAACAGAGAGAAAGGGCCGGAAAAAGCAGGA

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 AA $\operatorname{l}$ GGGAAAAAGGGAAACAGAGGGGAGGGGGGGGAAGGAAGGGGAAAGA CGAAAGGGGAAGGAGAAAGCCAGAAGGGAGAAGGAGAAGAAAAGGAAGGA AAAAAAACCGGGGAAGGAAAAAAAGAGGGGGGAACGGAAGGAAGGAAAAT TGGGGAAAGAGAGAAGGAAGGAAGGAACCAAGGGGGGCCGGAAGGGGAA G G G GCCAGAGCCAGGACCCCAAAAGGGGGAGGAGAGGGAGAAAAGGAAAA GGGGAAAAGGAGAAAGAAGGGACATTCCAGGAAAGGCCGGCCAAAAAAAA G G G G G GAA $\operatorname{l}$ GGGAGGGGGGCGGAGAGTAAGCAAAGGAACCAAGAGGGGG ACAGAAGAAGGAAGAGGAGAGGGAAAGGGAAACGAGGAACCAAACAGAGA ACCGGGGGGGGAACCAAAAGGAGAGAGAGAGAGACGGGGGGAAAGAAGG ACGACCAGAGGAGAGAGAGGGGGGGAGGCCGGAGGGCCGGGGAACCGAA GGATTAAAACAAGGAGAGGAAGGAGAAGGGGGGGGAAAGGGACGGAGCA G GCAGGGGGAAGAAGAAAGGAAGGGGCCAGTTAAGGGGAAAAAAGGGGA A GAGGGGAAGGAAGGAAAAAAGAAAAAGAAGCCGAAAGGAGCAAGGGCCG GCCCAAAGAGGAGCCCCGAAGAGAAAAGGAGGGGGGGCCAAGGCCGGGGA AAAGAAGAAGGAAGAGAGGCAAGACGGAGGGGGGAGAAGAAGGAAAAACA AAAAAGGGGAGACGAGACCACGAGGAGAAGAGGCCAGGGGGGAAGGAAAG ACAGGAAAGCCGAAGTAAAGGGGAAGGACGGAAGGAGAAAGCCGGGACCA AAAGAGGGGCCAGCCAAGAAAGGGGCAACCCAAAGAAGGGGAAGGGAGGG GGGGGGACCGGGGAAAAAAAGGGGGAAAAAAGGGGGAAGGGAGAAGGGA AAAGGGGAGAGGGGAAAAAAGACAAGCCAACCAAGGGAAAGGGGGGGGAA AA $\operatorname{G} G \mathrm{G}$ GAAAAGGCCACGGGAAAGAGGAGACAAGGAAAGGGACGGCAGGCC CAGGAAAGAAAAGGAGAAAAGGACAAGAGGGGGGATGGAAAAAATAGAAG GGGGGAAGAAAAGGAGAGATAAGGGGGGGGAAACAAGGAGAAGAAAGGA AA $A$ AA G G G G G GAAGAAAGGGGATAAGAGAAGGAGGGGGAGGAATTCCAAC CAAGGGGGGGGGGGAGGAAGGGGCACAAAGAGGAACAAGAGAACCCAGA GGGGAACCAAAAAAGAAAAAGGAAGGGAAACCAAAAGAAACAAAGGGAGA AACCGAGGGGAAGGAAAACCGAACAGACGAAGGGCAAAAAAAGAAGAAGG GGAAAGCAACGAGGCCAAAGGAGAGGAGCCGGCCAGGGGGGAGACAGGG GAGAGAAAAAGGAGGCCAAGGAAAAAAGAAAGGAAGGAAACAGGGAAACG AGAGGAAGGGGAACAGAGAGAAAGGAGAGGAAGGAAAAAGGGAGGAAGG AAGGAAAAAAGAGAGGCAAGCCCCCCGGGAGGAAAAGGAAAGAGAGGGCA GAAGAGAAAGAAGGAGAAGGAAAAGAGGGAAGGGGAAAGAGAGAAGGGG GAGAGGAGGGGAAAGAGGGCCAGGGCCAAGGAAGGGGCCAAAACCGAAAG G G G G G G G GACGAACGGAAGGGGGGACAACGAAAAAAACCGGAAGGGGCC AAAAGGAAAAGGAGCAGGATAGGGGGGGGAAAAGAGGCGGGAGAGGAGA A G GAA G GAAAAGGGGAAAAGGCCGGGGCCAAGGGGGGGGAAAAGGCCCC GGGGAAGAGGAAAGAAGAAACAGGAAGAGAGAAAAGGGAAAAGGAAGGAA AACCGGGGCAGGGAGGGGCCAAAAGGAAGGGCGGTTAAAAAAGGGGAAG GGGAGAACCACAGGAGAAAAGAAAGCCAAAAAAGGGGGGGGGGGGGGAG CCGGGAAGGAAGAAAAAGCCGAGGGAGAGGCCAAAAGAAAGGGGCCAAAA

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 A G GACAAGGCCGGGGAGGAGGCCGGGGAAGGAACCGAGGAGGACCAAACA ACAGAAAAGAAATAGTTGAAAGAAAAGAAGAAGAAGGCGGAGGCAATAAA A G G GAGGGGGGGGGGCCGGGGGGAAGAAGAAAGGGGGGGAAAAAACCAA G G G G GA GACCCCGGGGGGAGAAAAGAAGGGAGCCGACCAAAACAAGACAA AGAACCGGAGAAAAAGAACCGGCAAACAGAGGGCAAGGGAGAGGGGAAAA G G G G G G G G GAAGGAGACAAAGGGGGGAACCAAGGAGAAAAACGGAAAAG GAAAAGGGGAAGGAAAAGGGGGGGGGGAAGGGGAAGGGGCCAAAAAAGG AA GAAAGGGGACAAGGGGAGGGCCACAACAAAAAAAAAGGGGCAGAAGGG ACAAGGGGCCGGAAGGAACCAACCCCAAGCAGAAGGAAAAGAAGAAGACC AGGGGGCCCCCCAAAAAAGGAAAAGGGGTTAAAAGGAAGGGAGAAGGAAG AGAGAAAAGACCAAAAGGAGAGGGGGGGAGGGAGGGGGAAAAAAAAGGG G GA $\ln$ AGGAACAAGGGGGCCGGAGGGGGAAGGAAACAAGGAAACGGCCAAA GAACCAAAAAAAAAACCGAGGAAGGAAGGGGGGAAGGAACAGAGGAAAAA AAAAAGGGGGGGGGGGAGGAACCAAAGATGGAGGGAAAAGGGAAAAAAGC CAAAGGCGGGGAAAAGAGAGGAAAGAAAAGGAAGGCCAAAAAAAAAAGGG GCCAAAAAAGGAAACCCAGGGGGGAGACCAGGGAGGGTAGAAAAAAAACA AGGGGAGACAGAGGAGAAAAAGGCACAGAAGAAAGAAGGAAAAGGGGAGG GCACAAAAAAACCCCAGGGGGGGGGAAGGGGGGAAAAAAGGAGGGAAGG GGAAGAAAACAAAAAAAGAAGGAGGGGGGGAAGGAAAACCAGGGAACCTT GGAAAAAAGAAGGCGAGGGGGAAGAGAAGGGGCGAACCAAGGGAGGTTAA GGAGGGAAAACCGGAAGGAAAGAGAGGGGGAAAAGGAGGGCAGAGGGGG

G G G G G G A A GAGAAGGAGGGGACACCAAAGGGAAGGGAAGAGAGGAAAAA A GAACCGAGGCCTTCGAGAGAAAAAAGGGGAAAGAGAAGGAAGGGAAAGA GGACGGAAGAGGGAAACGGAGGAAAGGAGGGGAAAGAGGAAGGAGGGAG AGGGGGGCAGGCAAACAGGAGGCGGGGAAAGAAGGGGGAAGCCGGAGAA CCGAAAAAAAGAGACAAGGAAGGGTAGAATTAAGGGGGCCAAAAAAAGAG G GAA GAGGAAGGAACCAAAAGGAAAAGGGGACAAGGAAGAGGCCAACCAA AAGGAAAAAATTAGAAAAAGCCAACCAGAGGGGAGAGGAAGGGAGAAGAA CAAAGAGGAAAAAGAAAAGAGGGGGGAGGGGGCAGGAACAGGCCAAGGAA AACCGGAAGGAAGGGGAAGGAAAAAGAGGGAAGGAAAAGGAGAAAAAAGG
 A G G G G G G A A A GAAAAGGCCCGGGGAAAAAAAGGGGGGAGGGGCAGGAGG AGAACCCCCCAAAGAAGGAACCAAAAAGAGAGCCGAAAGAACAAGAAAAA AAAAGGGGGGGGAAGGGGAAGGGGCCAAGGAAAAAAGGGAAGGGGAGAA TAAAAGAAAGGAAGAGAAAGGAAGGGGAAGGAGAAATAAAAAAGGGGAAA AGGAAACAAAAAAGGAAGAAACCCCAAACAGGAAAGGAAGGGAAAGGAGG GAAAGACAGCCGAGAAAAAAAGGAGAGGGGGAGACGAAGAACCAGAAGGA AAAGAACCAAGACGGGGGGGAAAACGAGACCGGGGGGGGAAAGAGGAGG A GCGTAAAAAGAAAAAGGGAGACAAAGAAGGAACGGGGGGTTGGGAGAAA CCCCCCAACCGGAAGGAACCGAGAAGAAAAGGAAGGGAAAAAGAAAAGGG GGGAAGCCAAAGGAAAGGAAAAGGGGGGAAAAGAGAGAGGGAAGAAAGAA AGGGAAGACAGATTAAAACAGGGAGGGGCCGGAGGGAACCGAAAGAAAGA G G G A A A A A GAAGGGGGGAAAAAAACCAGGGGGAGAGGGAAGGAGAGGGG GAAGGAAAACCGGGGCCTAAAAAAAGGAAAGAAAGGGGACAGGCAGGAAA AAAAACCCCAGGAAAACGGGGGAGGCCACAGGGAAAGGGGAAGAGGAAAG GAA GAAAAAACGAGGAAAGGGGGAAAACCAAAGGGAGCCGGTTAAGAGGG GGAAGGGAACCGGGAGGAACCAGAGCAAAAGGGAGGAAGAAAAAACCACG GGGAAGCAAACAAACCCGGAACCTAGGGGAAGGAAAAAGAAAGGGAATTA AAA $\operatorname{A}$ GGGGGAGAAGGGGGGCCGGGAGGAAAAGGAGGGAAGGCCGGGGGG AA $\operatorname{A}$ GAAAAGGGGGGGGGGAAGGGGGGAACCGGCCAAGGGGGGGGAAAAT TAACCGGAAAACCGGAAGGGGAAGGGGAAGGCCAAGGAAGGAAAAAAAAA AAATTGGGGGGAAGGCCGGAAAAAAGGAAAACCGGAAAAAAGGGGAAGGA AAAGGGGGGAACCGGAAAAAAGGGGAAGGGGAAGGGGAAAAAAAAGGAAG G G G G G A A G GAACAAAGGAAAACCGAGGAAAAGGGGGGAACCAAGGAAAAG GAAAAAAAAAAAAGGAGAAAACAACAAACGGAAAAGGGAGGAGGAAGAAA AGGGGGGGGAACCAGGAGGGAAAGGCCAGGGAACCGGAAAGAGAAGGGG G GAAAAAAGGGGAAAAGGAAGGGGAAAGAAGGGACGCCCACCAGAAGAAG AAAGAGGAGAAAAGAAGGAAAAAAGGGGGGGGGGAGAAAGGGAGCCAGAA AAA $\operatorname{l}$ G G G G G G GCAGAGGGAGGGCCGGCCAGAAGGGGACAATTAAGAACTA GGAAAGGAAGGGACAGAGAGAGGGGGCCGAAGAAAAGGGGGAGGAAGGA AAAAAAAACACAAAGCCAGGAAGGGAAAAAAGGCCGGAAAAAAAAGGAGG A G G G G GCGAGAACAAGGGGGGCCAAGCAAAGAGAGAGGGAAAGGGAGGG CCGGAAAGAAGGGGAGAAAGGACCGACAGGGGGGGGGGAAAGAAGGAGG GAAAAATAAGGAACCGAAGAGAGAGAACCGGGGGGCCAAAAACAACAAAG GGGAACCGGAGAGGGGGAAAATACAGAACCCAGAGAACGGACAAGCCAGG AGAGGAGAGAAAAAAAAAAGGAAAAAGGAGGGAGGGAGAGGGAGGACCCG GGAAGGGCCAAAAGAAGACGAGAGGGGGAGAGGGAAAACGGAAAAAAACG GGGGGAGAACCAAAACCAAAAAAAGAAAAGGAGGGGGGGAACCGAAAGAG GAAAAGGAAAAGGAAAAGGAAAAGGAACCGGCCCCGAGGAGAGGGGGGAG G GAA G G G G G GACCGAACAAGGAAGGAAGGGGAAGGAAAAGGTTGAAAAAG GAAAGAAAAAGAAGAGGAAAGGGGGGGAAACGAGGAAAGAAGAAGAAAAG GGGGCGGGACCAAAGGAAGGGGGGGAAAGAAGGAGGAAAAGAGCAGACA AACCGGAAAAGGAAAAAGAAAGCCCCGGAGGGAGAAGGAAAAAAAAAGGG AA G G GAAGGAAGGAAGCCAAGGGGAAGAACGGAAAAAGGGGCCCAGAAGG GAAAAACCAGAGGAGGAGGGGAAGAGAGAGAAAAGGGGAAGGGGGAAGG GAAAAAAAAGGCCGAAAGGAAAACAGGGGAGAAAGAAGGAAGGAAAGAAA AGGGGACGGAAAAAACCAGAAAAAAGGAAAAAAGGGGGGGGAAAAAAGGC CAGTATTGCAGAACCAGAGGAGAAGGAGGAATTAGAGGGGGAGGGAAGGG GAGGAAGGGAGGGACGGAAAAGAGACCGAAGGGAGGGGGAAGGAGAGGG GGGAAGCGGGAAAAGGACGAGGAAAGGAAGAAAAGGAAGAAACCGGAAAA GAAAAAAGGGGGAAAAGAGGGGAACCGGGGAAAAAAGGAGAGAAGGGGAA AGCCAAAAAGAGAAAGAAAAAAAGAAAAAGAAAGAAGGAAAGGGGGCAAG

GAAAGAAAAGAAGGGGGGGGCCCCGGAGGAAAGGAAGGCCACAGAGCAGG GGGGAAGGGGCCAAGAAGGAAGAAAAGGGAGACAGAAGGGAAAAGAGGAA GGAAGGGGGGGGGGAACCGGAAGGGGAACCAAGAGGGGGGAGCCACGGA AAAAAGGAAAAGAGGGACCAAGGCCCCGGCAACAAAAAAGGAAGGAAGAG AA G GAAGAGAAGGGGAAGGAACAGGAAGGCCGGGAAAGGGGGAGGAGGA AA $\operatorname{l}$ GGGCAAGACGGAGGGGGGACCCCAAAAAGGGAGGAGGAAGACCGGCC GGCCAGATGAAAAACACCGGAAAAGAAAGGTAGGGGCCATGGAGGGAGGA GGGGGGGGAAAGACGAAGCCAGGAAAAATTAAAAAAGGAAGGAAAGAGGA GAAAGAAAAGGAGAAAAAGGAACCCCCCAAAACCGAAAAAAGAAAAGGAA AACAAAGGGACCAGGGAAAAGGGGGACAAAGAAAAAAAAGAGCCACAAGG GGGGGGGAGAGAAGAGGAGGGGAAACGGAAAACAGGGAGGACGAGGAAG GCAAAACGAAAGGGGGGAAGGGGAAAAGGGAAAAAGGAAGGAAGAGAAAG GAAAAAGGAACAAAAAGAAAGCCAAAAAAGGGAGGACGGCGGAAGACGAG GGAGAAGCAAACAAGAGGGGGACGGACAGGAGGAAAAAAAAAGAAAAAAG AAAGGAAGAGGAAACCCGGGGGGGATTGGGGGGCCAGAGAAAACCGGGG AAAAGGGGGGAGAGGGGGCCGGGGCAAAAAAAGAAGGACGGGAAAAAAAG GAGGAGAAAGAGAGAAGGGGAGGGCCGGAAAACCGGAAAAGATTGACAAC AAAACACCGAGGAAGGGAAAGATAGGAGGGAAGGAGGGGGAGACGAGGA GAGAGGGACAAGGAACAGCAAAAAGAGAAAAGCGGAGAGCCAAGGAAAGG GGAGAACAGAAAAAAAAGAGGAAAACCAGGGGGGGGAAGAAGGGGGGAAG AGGGAGGAGAAAACCAAAAAGAGGGGGCAAAGAGGAAAAGGAAGGGGAAG GAAGGAAAGAAGGAAAAGGGAAAGGGAGGGGAAGGAGACGGAGAAAAAGA AGAGGGGAAGAAAACGGGGGAGAGGGGAACCAAGAAGGGGGATGGGGAA CCAAAAAAAAAGGGCGCAGAAGAAGGCAAGAGAAAGAAGGGAAGGGCCAA GGAGCAAATTGGAAGGAAGAAGGACAGGCAAAAAGAGGAAAGGGAGAACC AAAAAAAAGGCCAACGCCGAGGGGAAGAAAACGGGGAGAGGGGAAAAGAA AAAAAAAGAGAGGACCGGAAAGAGAGAGGGAAGGGAGGAACCGGAAGGGA GGAAGGAGAAAGAAAATTGAAAAGAGAAAGAAGGAAAAGGAAAAAAAAAG GGAAGATTACCCGGAAGGAACCCAGGAAGGAACAAGGGGACAAAAAACAA AGGACAAAGAGAGGGGAAGGAAAAAAGGCCAGGAAAGGAAGGGAGGAGGA AGAGGGAGGAGAGGAGGGAGAGAGAACCCAACGAAAGGGAAGGGAAAGG AGGAAGGGAAGGAGAGGGGGGGGAGACGAAAGGCCAGGAGGAGAGAGGG AAGAAAACAAGGGGGAAGCCAAAAAAAGCCGGAAAAAAAGGAGACCAGTA AAAGAAAAAAAACAGGAGAAGGGAAAACAGGAAAGACAAACCAAAAATAAA GAAGGAAGGAACCAAGGAAGGAAGGAGAAAGGACAGGGACCAAGGGGCCG ATAGAAAGGGGCCAAAAGGGAAAGAAAAAGGAAGGAAAAAAGGGGGGCCG GAGGAAGGGCAACAAAGAAGGAGAAGGGGGAGAAAGGAAGAAGAAAAAGA AAAAGGAACAGGAGAGAGAACCCAGAAGGAAGGGAGAAAGGGGAAAAAGA CGAAAAGGGGGCAGGAAAAGGAAGAAAGAGGGGAGGGAGAAGAAGAGGA CCAAGAAGAAGAAGAGAGCACCGGGGGGAAGAGGAGGGGGAAGGGGGGT AAACCGGCCGGAAGGGGAAGGAGAAAAAAAGAGAGAAGAAGAAAAGAGAA AGAGGCCAGGGAGAAGGGGGGAGAGGGAAACAGGAAAGGGAAGAGGAAA AAGGAAGAGAGAGAAAGAGAACCAAAAAAAAAAAAGAGGGAGGGAGAGGG GGCCGGCGAGGGCAGGGAAAAATAGAGGAGGGAGAACCGGGGGAGGCAG AACAAGAGAGGAAACGGCAGGAAGGAGATAAAAAAAAAAAGGGAAGACAA ACAAAAAAAGGAAAAAGAAAAGGGACAAAGAAAAGGGGGAGGGAAGGGGA AAAGGGGAGGGGAAACCGAAGAAGGGGAAGGGGGGAACGCCAAGGGGGG GGCCAAAAGGAAAAAAACAAGGGAGGAAAAGGATCCGGGGGACCCAAAAG AA G G G GAGGGAAAAAGGGGGGGAAAAAGGGAGAAAAAAAAGGAGGGGGA AGGAAGGGGGGGGGGAGCCAAAAACGGGAGAAAAGGGGGAAGAAAGGGA AAAAGACCACGGGGAAAACAGAGAGGGAGAGGAAAAGGGACAAGAAAAGG AAAGAAACAGAAGGAGGAGGGGGGGGAAAAAGAAGGGAGGAAAAGGGGA AA GCCAGAACAAGGGGGGGGAGGGGGGAAGGACAAGGGGAAAAGAGACA A G G G G GAAAGGGAGAAGGCCGGGGGGAGAAAACCAAGAGGGGGAGGGGA CCCAGAGCAGAAGAAGAAGGGGGGGAAGGGGAAAGAAAAAAGGAGCCACA ACCCCCCAAGGAAAAGGAAGGAAGGAAGAAGGGGAAGAGGGCCGAGAGGC AGGAGGACCCCGGGGAACCAGGGGGAGAAGAAAGGCCGGGGAAGAAAAGA GGAGGGGGGAGGAAGATCCAAGGAAGGAAGGACAAAGGGCCGGAGGGCC AGGGGGGAAGAAAAGGGGGGGGAAGAGGGGGGAAGGACGGCCAAGGGGG GAAGGAAGAGGAGAAGGAAGGGGAGGAGAAAAAGAAGAAAGGAAGGGGA GGAAGAAAGGGAGGAGGGAAAGGGGGGGGGAGGAAAAGAGGGGGGAGAG

CAGGGAGGAAGGGGGAGAAGAGGGGAAAAGAGGGGGGAACCAACCAAAAA ACCGGAAGGAAGGGGGGCCGACCGAAGGGAAAGGGAAAAGAAGAACCAAA GGGGGAGCCGACGGAACAACCCAAAGAAAACGAGAGGAGGGCCACGGCAG GGAGGACGAAGAGGGGAGAGGGGGAAGAAAAGGGGAACCGGGGAAAAAA AGGGAGACGAGGGGCAGGAGAGAAGGAAAGAGGGGGAAAAAACAGAGGG AACAGGAAGAGAAGGAAGGCCGGAAAAGAGAAAAGAAGAAAGGAAGAACG GAAGGAAAACCGAAGAGAGAGGGAGGGGAGAAAGGAGGGCATTGGACCCG GACGAAAAGGGGAAAGGGGAGGGAGGAAGGAACGGGGAAGAAGAAGGAA AAAGGGAACAGGAGGGAAAAGGGCAGGGAAAGAAAAAAAGGGAGCCCAAA AAAGGAACGAAAGGAAGGACAAGGGAGAAGGGGGAGAAAGGGGGAAGGG GAAGAAACACCAAAAGGGGGGAAGAGGGGCCCCAAAAAAAAATAGAGGAC CAAGGAGAAGGAAAAAAGAGGAAGGCACCGGAAAAAGGGGCGGGGGGGA GAGAAGAACCAAGGGGAGAAGGTTAGTTGAGGAGGGAAGGAAGGGGAAG GGGGGGGGGAAAAAAGGAAAAGGCCGGGGGGCCAAAAAAGGGGGGAAGG GGAAGGAAAAAAAAGGAAAAAAGGAAGGGGAAGGGGGGAAAAAACCAAGG ATAAACCACCGGGAGGGGAAAAGAAACCAAGGAAACGAGGAGAGAGAAGG AACCAACCCCAAGAAGGGGGCCCCCCGAGGCGCCAAGAGCGAGGAGGACC GGAGGAGAAGAGAACCGGAACAGAGGGAAGCCCCGAGAAAAGGAACGGGG AAAAGGAGAAGGAAAAACAGAGAACAAGGGAAGGAGGACCGGCCTTGGAA GAAAAGGGAAAGGGGAAGGGACGGGGGGAAAAAAGGAAAAGGGGAAAGG AAAAACAGGGGAAAGGAGAGGGGCCCCAACCGACAAAAAAGAGGAAAGGG GGGAAGGGGGGCCCAAGAGGGAGAGGAGGAAAAGGAAAAGAGAGAAGGG AAAGCCGAAGGAAAAGGAGGAAACCCAAGGACGGAAAAGGCCAAGAAAAA GGAAAAAAGAGGCAGAAAGGGGAAGGCCAAAAGGGGACGACCCCCAAAAA AAAAGACCGGGGAAACGAAGACAGAGCAAGTTAGGGAGGGGGAAGGAAAA AAGGGAAACCGAGAAAAACCCCCCGAAGGGGGGGGGCCAAGAACAAGGGA AA $\operatorname{l}$ GGGGGAAGAGGGGTTGGGGAAGAGGGGGGAAAAAAAACCGGAAGAG AAGGGGGAGAGAAAGGACAACGGGGCCAAACAAAAGAGGGGACCCCCGGA AAAAAAAAAAAAAAAGAAACCGGGAGAGGAGGAGGGGGGAACCGGGGGGG GGGGGACTAAAGGGGGGGGGGCCGAGGGGAAGAGGAAGGAGGGGGGGGG AGCCGGCAGGGGAGGGGGCAAGGGAAGGGGGGGAGAGGGAGGCCCCAGG AGGGGAAGGGGGGCCGGCGAAGACCGGAAGGGAAAGGAAACCAGAGAAG GAAGGAGGGAAACAGGGGGAAGACAAAAAGAAGATACCGGCAGAAGCCAA AGAAAGCCGGAGTAAAAACAGGGGAGAGGAGAAACAAAAGAAAACCAAGA CCAGAGGAGACCGAAAAGAAGGGAGGGGAAGGGGAAAAAGGGAAGAGGG GGGGGGAGAAAGGTTGGGGAAAAGGCGGGAGGAGAGGAAGGCAGGGAGA AGAAACAAGGAAGGCCAAAACCAAGGAAGGAAGGCAGAAAGGTTCCGGCC CCGAGGGGGGCCCCAGAAAGGACCAGCACAGGAAGGGAGGGAGGAAGGAA GGCCGGGGGGGGAGGGGGAAGGGAGGAACCAACAGGGAGGGAAGAGAAC AACGAGAGGCGAGGAGGGACCGAGGCCTTGGAAAAACGGAAAGAGAGAGG GAAAAGGAAGGAAAAGGCCGGGGAGAAAAAAGGAAGGAAAAGGCCGGAAG GGGGGGGGGAAAAAAGGAACCGGAAGGAAGGAAGGGACAAACACAGAAGG GGAAGAAACGGAAAGAGGAGGACGGAAAGGAGAAGCCGAGGGGCCCCAGG GAGAAGGCAAGGGGGGAAGAGCCAGAAGAGGAAGAGAAAGGAAAAGGAAA GAGGAAAAGAGGGAGAGGGGGGGGGAAGGGGAAGGGGAACCGGAGGGAA AAAGAAAGCAAAAAAAAGAGGGAAGGAAAAGGGGAACAAACCGGCCGGAA AGAGAAGAGAGGGGGGGAGGGAGGAGACGAGGGGAAGGCCCCAAACGGA CAGACAAGGGAGGAGGGAGGGCCGGAAGGCCGAGACCGGAGAGAGACAAT TGGGGCCAAGGAAAAAAGGGGAAGGAAGGCCAGCCAACCCAAGGGACCCA CAACCAAAAGGCCAGAAAGGGGGAAAAAAGGGGGAAGAGAAAAGAAGGGA AGAAGAGGAAACCGGAAGGAAGGGAAAGGGGGGAAGGGGCCGAGAAGAG AGAGGAAGGAAGGGAAAAGGGAGGGGAGAAGCAGGGCCCAACGAAGGGA AAAAAGGGGGGGGAAGGGGAAGGGAAGACGGCCAAGGGGAAAGGGAACA AA $\operatorname{GGGGAAAAAAGGCCCCAGAAAAAGAATAGGGGGAGCGGAAAGAGGAAG}$ CAGGGAGAGAGAAGAAAAGAAAAGAAAAAGGGAGTTCGGGAACAAAAAGG ACAAAAGACCAAGGAAAAAAGGAAAGACAAGACCGGACAAAAAAAAGGAA CCAAGAGGCACCAGGGACGGGAAGGACGTTAGAGAAAGCAGGAACCAAGG GGGGAACCAAGGGAGGAAGGGAAGGGGGGGAGCCAAAAATGAGAGAGGC CGGAAAGAACCGGAACCAAGAGGTTCAGAGGAAGGAAAAAAGGAAGGCCG GAAAAAAAAGGGGAAGAAAAAGGAAGGGGCCGGGGAAGGGGGGAAAAAAG GGGCCAAAAAGGAAAGGGGGGAAAGTTGGCCGGAAGGGGAAGGGAACAC

G GCCGGAAGGAAGGAAGAGGAGGGCCAGAGGAGGGAGAAGCCAAGGCCA A GAAAGGAGGGAAACAGGAAAGGAAAAAAGGGGGGAAGAGGGGGGGGAG G G G G G GAAAAGGAAGGAAAAGGAAAGGGGGGGAGAGCCGGAAGGAGAAA GCCGGAAGGAACCCCAAAAGGAAAAGGAAGGGGGGGGAAAAGGAAAAGGA AGGACAGGGGGGGCCGGGAAAGGAAGGACGGAAAAGAGGAGAAAACAGAT TAAAAAAGAGGGGGGAAGAAGCCGGAAAAAGAAGGCCGAAAAAAAAGACA AATGGGAACGAAAGGAAGGGGAGAGAAGGGACCAGAAGGACAAGACAGGA A G G G G G G A G GAAAAAAAAA $A$ GGGGGGACAAAAAAGGGGGGAAGGAGAAGG G G G G G G ACCCGGGCAAGGAGGGCCGGCAGGACGAAAGGGGAAGGAAGGA A G G G G G G G G CCGAAACCGAGAAAAAAAGAGACAACGGGAGGAAAAGGCCA ATTGGGGGGGAGGACGGGAAGGACCAAGGAAAAAGAGACGACGCAAGGGA AAAAAAGGAGGAAGGAGAAGGAACCGGAAGGGAGAAGCACCGACCAGAAG AAAAAGGGAAAGAGAGGGGAAAAGGAAAGCCGGGACCAAGGAAGGGGCCG AAAGGGAAAAAGGAAAAGAGGAAAAGGGGGAAGAGGGGGGGGAAGAAGG AAAAGGGGAAGGGGAAGGGAGGGGGAAAAAGGAAGGCAAGGGGGGGAGG GAGGAGAAGAAGGAAAGAGGGCAAAGGAAAGAAAAAAAAGGGGAAGGGGG GCA G G G G G G G G A A G GAGGGGGGAAGAGGGAGGAGGGGGACCGAAGGGAA GGGGGGAAAGACGGAAGGGGAAGGGGAACCGGAGAACCGGAAGACGAAA G GAAAAAGAAGAAGGGAAAGGGGAAAACCGGAAGGAAGGAGAAGGCCAAG G G G G G G G C CA G G G G GAGAGGGGGAGGGAAAGGGAAAAAAACCCAAAGGA G G G G G G A A A A G G GAAAAGAGCCAGGAAAGAAAGAGGAAGGGGGGAAAAG GAAAGGAAGGAGAAAAAGAGGGACCAAGGGAACCAGGACCCAGGAGGAGG GAAGGAGAGAGAAAGGGGGGGAAAAAAGGGAGGGACCGGAAAAGGGAGG TAAAAGGAAAAACCGGGGGAAAGAAGGGGGGAGGAAAAAAAAGGGGGGG GGGAAAAAAAAAAGAGAGGAAGGCCGGGCCAAAGGAAGGGAAAAAAAGAA G G GAAA $\operatorname{GA} A \operatorname{GAG} \operatorname{GAGGAAGGGGGGGAAAAGAGGGCCAGGGAAAAGGCCAA}$ AAAAGAAGACCCGGAAGGTTAACCAGCCAGGGGGAAAAAAAAAAGGACGG AA $\ln A \operatorname{A}$ AGAACAGGAAGGAGAGAAAAGGAAAAGGGGGGGGAGCCCAGAAG GGGGAAAGGGAGGACCGGAGAAAGGGAGAGTAGAGGGGGGGGGAAGCGA AAAGAAAAAGGAACCAAACATGCAGGAACACCCGGGGGGAAGGAAGGAGA AGGGGAGGGCCCCAGGGGAGGAAAGAAGAAAAAAAAAAAAAACAAAAAAA AAAGGCCCCGGAAAGGGGGAGGAGGAAAAGAAGGAAGAAGGAAGATAGGA AAACCGGGGAAAAAACCCCCCAAAAAGAAGAGGCCAGGGAACCGGGGGAA A G G A G G G G G G GAA G GAA G G G G G GAAAA G GAAAAAAGGGGCCCCGGCCA TTAAGGAAGAAAACAGAAAAGCGAGAGGCCGGAGCCAGAGTAAAGGAAGG A A G G G G G G G G G G G G A G A A A A G G G GACAACCGGACAAGGGAAGGGGGGGA AGGAAGGCCGAGGGAGGACTTACAGAAAAAGAGAGGGAAGGAACGGGGG G GAGCCGGGGCCAAGGAAAACCGGGGGGAGCAGGGGAAGGGAGGAAGGA AAAAAAAACAAGAAGGGGGAAAAAACCAAAAAAAGCCAAAGAAGACCGAA AGGAAAAAACCACAAGGGGGGAAGGAAAAAGAGCCGGAAGGGGAAGAGGA AAAAGAAAAACGGAGGAGAAAAAGGAGAACAAGAGAACAGGGGGGCCGGA AGGAAAAGGACCGCCGGAGGGACAAAAGGAACCAAAAGGAAGACCAAGAA AGGGACAAAAAGGAACGAAAAAAGGAACCGGAGAAGAAAGGAGAAAAAGG GGGAAAACCGCAAAGGACAAAAAGAGAAAGAACGGGGGGAAGGGGAAAAA GCCAAGGGGTACCGGAAAAGGCAGGGGGAAGAAAGGAAGAAGGGGGGGG GAAACAAATTCCAAGAACAAGGAAGGAAAAAAGGGGGGGGGGGGGGGGCC GGGGAAGGAACCAAAAAAAAAAAAAAGGAAAAAAAAAAAAGGGGGGAGGA TTGGAGGACCAATTGGAAACGAAAGGGGAAGAGGAAGAGGAAGGGGGGAG GAAGAAAGGAAACCGGGGAAGAGGGAGAGGAAAGAACCGGCCAAAAAAGG AAAGGGAAGGGGAAAAAGAACCAAGGGGCCAAAAAAAAGGAGGGGGAGCC AAAAAACACCAGAACGCAAAAGAAGGAAAGGGAGAAGGAGAGAGGAAACA CCGAGGCAGGGAAAACCCAAAAAAAAAAGGGGAAGACCAGGGAAAAGGAA AGAACCACAAGAGAAAGGCAGGAGGAGGAAACAAAGCGGAGAGGACAAGG A GAGCGCCAGGCGCACGAACAGCCGGGGGGGGAAACCCAAGGAACCAAAA GGAACCGGGGAAAAAAAAGGAAAGGGAGGACAAAGAGACCAGAAAAAAAA AAAAAAAAGAGGAGACGGGGCCCCCCGAAGGGAAAAGGGGGGAGGAAAAG AGAAGGATCCGGAGCCCCAAAGGAGGGGAGAAGAAAGGAGAAAAGGAAAA GGAAGGAGAGGGAACAGGAGGAGGGGCAGAGGGGAAAAAAAAAAGGGGG GGGAGAGAAAAAAGGAACCGAGGAAGGAGGGCCAAAACCGGAAAAGGAAA AAAAAAAGACAAAAAGGCAACCCGAGGGAAAGGAAAAAAGGAAGGGAGGG AAAGAGGGAGAACCCCCGGACGGCCGGAAGGAAGGGGAAGAAAGAAAAGA

GGGGAAGAAGGAGGGAGAAAAAAAGGGAAGGGGCACCCAGGAAAACCAAG GGGGAGGGACAAGGGAGGGGGACTTAGAAGGCCGGAAAAAAAAAAACGGA GAAGAGAAAAAAGGGAAAGGAGAGGAAGGAAGGCCAAGGGGCAAGGAACA AGGGGACAAGGAGGGAAAACCGGCCGGGGAGAAAAAAAACCCCGGGGAGA GGAGGAGAAGGGAGACGACACGGAGCCAGCAGAGACCCACCGGAAAAGAG GAGAAAACAGAGAAGCCGAAAAAGGAGGAAGAAGAGGAGGGAGAAAAGGA GGGGGCCAAAAACGAGAAAGGAAAAAGCAAAGGAAAGAAAAAAAAGGGGG GCCGGGGAGGAGGGATAGAGGAGGGAACCGGGGAAGGGGCAAAAAGGAA GGAGCCGAGAAACCAGAGGAAAGGAATAGAGGAAAACCAAAGAGAAACAG AGAGGAAAAGAAGGGAAAAAAACACAAGAACAAGAAAAGGGGGGCCGGGA CCGGAATTAGCCGGGAAAAAAAGGGGAAGCGGACAGGAGGGGGGGGGGG GAAGAGGAGGGCCAAGGAGCCAAAACCAAAAAACCCAAGAGGAAGAAAGG AAGCCCCGAGAAGAGGAGGAAGGGGAAGGAACCGGAAGGTTAAGGCCGGG GAGCCGAGGAAGGAAAAGGAAGGGGGAGAGACAAGAGCAGGAACCCCAAC CGGAACCGGTTTTGGATACAGAAAATACCCAAAGGAAAAAGCCGGAAAGA AAAGGCCAAAAAAAGAGCCAAAAGGAAGGAGAGAGAAAGAAAAGGGGGGG AAGAAAGAAACCGAGGGCAAAGGAAGAAGACACCAAGGAAGAAGGGGGCA AAAAGAAACGGGGGGAAGGGGAGAAGGGGGAGACAAAAAAGAGAAGGGA GGAAGGGGGGAAAAAAAGAGGACACCACGGGAGAACGGACACGGAAGGAA AGGGCCAGGGGGAAGGAACCCCGGGGGGCCGGAAAACCAGGAAAAGAAGG GGGGGAGGAAGGAAGGCAGAGGAAGAACGGGGAGACGGCCAAAACCAGG GGAAGCAGGGGAGAAAAGAGGACAAGGGGAAGAAAGGGAGAGAAAAAGGA AAAAAGGCCAAGGAAGGGGGGAATTGGGGAAGGGGAAGAGGAGGGCCGG CCAAAAGAGGGAAAAAAAAAATAGCCAGACAGAAGAGGAAAGAGAAAGGG CCGGAAAAGGGAAGCAAAAACCAGTAGGAAGAGGGGGGGGGGAAGGGGG GGAAGAGGAGGAGAAGGGAGAGGAAGAGGAGGGGAAAAAGGGAGGAACC AAGGGAGGGAAGAGAAGGGAAGAGGGAACGAGATGAGGAAGGAAGGAAA GGGAGAAAACAGGGGGACCGGGGAGGAAAGACCCCGGACGGGGGAGAAG AGGGAGGACCGGAGAAAGGGAAAGGGGGGGAAAGAAAGGGAGAGAGAGG GAACCCGGAAGGGCCCCGGGGAAAACCGGCCAAAAAGCCGGGAGGGAGGA GCGGAGAAGGAGAGGGGAGAGAAAAGGAGGAGAAGAAAGCAGGGGGGGG AAAAAAGGAAGAGAGAGAGAGGGGGGGAGAAAGGAGAGAGGGACGAGAG GGGAAGAAACAAGGGGAACAAGAGGCCCAAGAGAAGAAAAAAAGGTAAGA GGGAGACGGAACCGGGACAAAGAAGAAGGGGGGGGGAGGAAGGTACAAG GGGGGGGAGAGGGGCCTTAGGGGAGGAAGGGGAAAGGGAAGGGGGGAGG GGACCAAGGGGCAAGAACCAACCGACGCCAGAGAGCAAGGAGGAGAAAAG GCCAAGGAAAAGGGGCCACAAAAGGGGAGGGAAGGAAAGAAGGGGGAACA GGAACAGAAGGGAAACACAGGAGGGCAAGAGGGGAGGAACCAAAAAAAAC AAAAGAAAGGAGGAAAGGGACGGAGGAAAGAGGAAAAAAGGAAGGAAGGG AGGCCGGAAAAGAACGAAGGGGGACAAGGAGGGACAGGACCGAAAGGGGA A G G GA GGGGAAGAAAAAAAAGGGGGAAGGGGAAGGGGGAGGGGAGAAAA AACAAGGAGAAAAAGGGGGAGGAAGAAGAAACACAAAAGGGGACAGAGCA CAAGAAAAAAGAAAGGAAGGGGAAGGAACACGAAAGCAAGACAGAGGGAG GAGGGGGACCGAACAGAGAAAGAAAGAAGGCCGGGGAGGGGGGGCGGAA AACAAAAGGAAGACAGAAGGAAACCAGAGAAGGCCAAAAGAGGAACCGGA AAAAAGCAAGCAAGAAAAAGGGGGGCCAAGAAGAGGGCGGGAAGACGCCC CGGAAGGAGAACCGAAGAAAGAAAGACGAAGAAGGAAGGAAAGGAAAGAA AGGAAGGGGCCTAAGGAAGAAAAGGGGGGGAAGAGAAAGGAGAAAGGGA CCACGCAAGAAAACGGAAAAGGGGGGGGAAAAAAGGGGGGTAGAGGAAAC AAAAAAAAAAGGGGGAGAGGACAAAACATTGGCCGGAAAAAAAGGGAAAA GGGGGGAAACGAGAAGAAAAAGAGGGAGAAGGCAAGGAGAGAGGGAAAG AAAAAAAGGGGAGGGAAGGAAAAAGGGAAAAGAGGGGAGAAAAAGGGGGA ACCCCAACCAAAAAAGAGGCCGGGGAGAACCGGAAGGGGGGGAGAAGGAC CAGGGGGAAAAGGGGAAGGAGAACCAAGGGAAGCAAAAATTCCGGGGGGA AAAAAGGAAGGAAAGAGCCGAGGGAAAGGGGGGAAGGCCGCCCAAAAAAA AGGAGAAGCAAGAAGGACCGAAGAAGGAAGGAAGGAGGGAAAAGAGAACA AAAAAGGGAAGGAGAAAGAGGAGGGACGAGGGGGGAACAGGAAAGAACCA AGGGGGGAACAAAAAGGAGGAAAAGGCGAAGAAAAGGACCCAAGACAGAA AGAGGACCAAGACGGAGAAGAAGGAAGGCGGACGGAACCCCAAAAGGAGA GAAGAGGGGAAGGAAAGAAGGGAGGGGGGGGAAAAAAGGGAGGCCACAG GGGGAGAGAGGAGAGGACTTGGAAGAGGCAGGAAAAGGAGAAAAGGAGG

G G G GAAACCGGAAGGGGGGAAAGAGGGAAGGAAGGAAGGGAGGGAAGGG A GAGGGACGGGGAGAACACAGAGGCAAAAAGAAGGGGGAGAACCGAAGAC AGAAGAGAGAGGGAGAAGAAAAAAAAAAACAAAGGGGAAAGGAGGGAGGA GAGAGGGGAGGGGAACACACGAAGCCAGAAAGAAAGAAAACCAAAGAAGG CAGGAAAAAACAGGAGGGAGGGGGGGAACCAGCAGGAGGAAAACGGAAAA G G G GCCGGCCCCAAGGAAGCGGGAAGGGAAAAAAGGAGACCCGAAAGGGG AAAACCAACCGGCCAGAGGGGGGAAAGGCCGAAGAAGGACGACGGAACCC GGGGACGAGGAGGGAGAGCCAGGGAGAGAAGGAGAAAAAGAAGGAGAGG GAAAAAAGGAAGGGGGGGGAAGGGGACAGATAAAGGGAAAAAAGGAGCCG GGGCCGGGGAAAAAAAAAGCCCAAGGGGAAGACGGGAAAAAGGGGAAGGC CCCAAAAAAGGCCAAGGCCGGCCAAAAAAGGGGAGGGGGAGAAGGAAGGA GAGAGCACCAGGGAAGGGGGGCCAAAAAACCGCGAAGAAAGGAGGAGGGC ACCAGAAGGAGGGGAGGAGGGAAGGAGAACAGGCCGGGGAGGGCCAGGG GAGGGGGGAACCGGGGAAGGAGACAGAGAGGAAGAAGAGAGAGAAAAGA GAAAGGGAAGGGGGGGGGGAAGAGAAAAAAGGAGGCCCCCCGGGGACGA G G G G G A A GAGGAAGGGGGGGGGGAACGACAACGAGGGAGGAAAAGGAAG G G G G G G GAA G G G G G G A G GAAGCCAAAAGGGATAAGGGCCCCCCAAGGAA A GCCGAAGAGAAAAGGAAGGAAGGAAAAGGAGGGAAGGAGAGCCAAAACC
 A G A A A $\operatorname{G} G \mathrm{G}$ GGAAAGGGGGGAAAAGGGGAAGAGGGAAAAGGAGGAAGCGG A GAAGGAAGGGGGAGGAAGGGGGGGGCCCCGGAGGGAGAGACGACCAGA AA GAAAATTGGGAGGGGGGAAGAGGAAAACCGGAGACGGGGAAAAAACCA AAAAAGGAAGGCCGAAAGGCCAGAAGGCCGGAAAAGGGGAAAGAAAGAGA A GA $\operatorname{l}$ A GCGGGGACGAGGGGGGAGAAAAAACCAGGGGGAGGAGAGGGAGG G GAGGAGAACGGCAGGAGCCAGGGGAATAAGAACGAAGAAAAGGCCAACC GAA G GACACCAGGGAGGAGGGAAAGGGGAAGGCCGAGACCAAAGGGGGG AAAAACAAGGAAAAAGGAGGCACCCGAAACAAGAAAGAAAAGAGGGGAGC CACCCGAAGGAGGAAGGGAGCGGAAGGAAGAAGGGAACCAAGGGAAGACA GAAAAGGGGAAGGGGAGGGGGGGCCAGGAAGAACCAAAGACGGGGAGAC AGAGAACAGGAGGGGGGGAGAAGGAGAGAGCCAGGAGGACAGGGCCAAA AAAGGAGGAAACAACGGGGAGAACCGACAAGAAGGAGGGGAGGAAGGAAG GCCGAAAAGAGGGAAAAAAGGGCGAGGGAGGAAGAGAAGGGGAGGGAAG CCAAGGAGCCAAAGAGAGCAGGGAGAAAGGCACAGAAAAACCAGACAAAG
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 G G GAAAAACCGGAAGGGGAAAAGGGAGGAAAAGAGGGGGAAAGAAACCAA GAAAAAAAGGAGATAGGGAAGGAAAAAAAGGGAAAGCAGAGCCCAACAGG AGAGGAAAAAGGAGAGGACAGAGACAGAGACAAGGGGGGGAAGGGGAGG AA $\operatorname{GAAA}$ AAACCGGAGGGAGGAAGAGGAAGGAGAAGAGGGGGAGGGAAAA AAAAAAAAGAAGAAAAAGGGAAAGGAGGCCAGAAAAGGCCGGGGGAAGGG AAAAAAACGGAGGAAAAAAAGAGAGGAAGGAAGGAAAGGGAGGGAGGAGG G GAGGGAAAAAAAAGGAAAACCGAAGAGGGAAGGGAACAAACGAGGGGAG AGAGAAGGGGCCGGGGAAAAAGGAAAAGGGGAAGACGAAGGAACCGAGAG AGACAGCAGGGAGGGACAACAGGAACACAGGAACAAAGAAAGAGAAAGAT AGAAGGAGAGAAGAGGAAAAGGAAGGAGAGGGCAGGGGAAGAAGCCGGA A G GAA $A$ AAA $\operatorname{A} G \mathrm{G}$ GGGAAGGAAAAGGGGAAGGGGAAAAGGGGGGGGGGAA

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 G G G GAGGGGGTTAAAGCCACAGAAGAGAGGACGAGAAGGGGGAAAAGGA AAAGAGGGAGGAAGGGGGGGGAAAGAGAAAAAGGGGGGGAGAAAGAGAC GGCCGGAAAGAACCAAGGCCAGAACCGGAAGGGACAAAAGAGAAGAAGAG AAGGAGCCGAAAAGGGGGAAAGGGCAAGACAGCCGCCGGGGGGGGGGGA G G G A A A A G G G GAAGGGAAGAGCGGAAGAGGGAAGGGGAAGGAAAAGGAA AA G GTTCAAAAAAAGGGGAGGGGGGGGAAGAAGGAAACGAGGAGGAGGA AAAGGAGCAAATTAAGGGGGGAACCAAACAAAGGGAAAGAGACGGGACCA AA $\operatorname{GAAACGGAGAAGGGAAGGGAAAGGGCCAAGGAGGGGAGAGAAAACGGA}$ CGAGGGGGGGGAAAGGGGGGGAGGAAAAAAAAGACCAGGAAAAGGCGGA AAAAGGGGGGTACGCCAAAGGGAGGGGGACCCCCACGAAGGGAAGAGAGG CCAACCAAAGAGTTGGGGGAGGAGAAAACCAACCGGAACCGGAAGGAGGA GGGGGGAAAGAAAAAAGGGGGGAGCCCCGGGAAAAGAGGGGGAACCAAA GGGGGAAAGCCGAAAAGAGCCGGAAGAAACCGACCAACCAGGGGAGCGAG GCCAGAAGGGGAGGGGGAAGAAAGGAAGGGGCAAGGGAAACAAGGCCGG GGAAGGAAAACAGGGAGAGGAAAAGGTTCCAGGGCCCCGGAAAGGGCAAA GGGGAGCCGAGAGAAAGAAAGGCGGAGGAAGGGGAAGGGGAGAGGGGGA AAAAAAAAACAAGGGAAAAAAAAAACGACGGAAAGGGGGGGAGAAGGAGG G G G G G G G AAAAAAAAGGGGAAGAAGGGAAAAGGGAAAGGCCAAAAGGGG ACAAGAGAGAACAAAGGGAAAAAAGGAGAGAAAAAAAAGGAAGGGAGGGG GGGAAAACGAGGGGAAGGAGACGGAAGGGGGGCAGGCAACGGGGAGCAA CGGAAAGAGAGAGAGAAGAGGAAGACGCCAAGGGGAGCAGAAGAGAAGAG G G G G G G G G GAACCGGAACAGAGAGGATGAAAAAGGAGGGACACGGAAAAA AAGAAAAGAGGAAAGAAAGAAAAGGAAAAAAAAAACAAGAAAAGACCAAA AGGCCGAAAGAAAGGCCCAACGGGGGGGGCCAGGAAAACAGGGAGAACCA A GACCGAGGAAAAGGAAGGAACCGGGGGGAAGAGGGGAAGGAGAAACGA GGACGAGGAAAGAAGAAGCAAGGGGGAGGAAGAAGAAAGGCCGAGAAGGA AAAAAAAGGACCGGAAGGAAGGAAGGCAAAAGCCACAGAACAGGGAAAGG GACAAAAACCGGGGCCAAAAAAGGAAGGAAGGGGAAGGGGGGAACCAAGG GGGGAAAAGGGGGGAACCGGGGAAGGCCGGGGCCGGAAAAAACCAAAAG GGGGGGGCAGAGGAGAAGAGAAGGACAGAAAGGGGAAGGGGAAAAAGGG G G G A G G G G A A A CGGAAAGAGAAGGGGGGGGAAAGGGGGAAGAAAGGAAG AAAGGGGGAGAAAAGAGGAAAAGGGGGAGAAAAGGGGAAGGGAAGGGGG G G G GA G G G G GAAAAAAAAAGGCCGGGGAAGAAAGGGAAAAGGGAAGGGGG GCCGGGGGGAACCGGGGGGAAGGCCAAAAGGAAGGAAGGAAGGGGAAGG AAAAAAAAAAGGGGGGGGGGAAGGAACCGGGGCAGAGGAATTGGAAAGAA G G G G G G G G G GCCAAGAGGGGAGCCAAAACCGGAAGGAAGGAAGAAGAGA CGAAAAAGGGGGGGGGGAACCGGAAAAAAAAAAGGGGAGCAGAGGCCGAG GAGGGGGCAGAGAGGGAAAGGGGGGGAGAAAAGGGACAGCCAAAGAGGA G GAA $\operatorname{l}$ GGAAACCGACGGAAGGGGCGAAAAGGAGGGGGGTTGGGGCCAAA AACGGGGAAAAGGGGGAGGAGAGAGGAGACCGGGGGAAAGGAACCAAAG AA G GCCAAGGAAAAAGGGAAAGAGAGAGGAGAATAGAAGAGAAAGGAAAA G G G G G G GAAGGAAGCCGGAGGGAGGGAGGAGGGGGACCGAGGGGCCGGT TACAAAAGGCCGGGGCCAAGGAAGGGGGAGGAGAAAAAAGAGAGAAGGAA AA $\operatorname{A} A A A G G C G A A G G G C C G G G G G G A T G G A A C A A A A G G A A G G G G G G G G A A A$

AAAGGGAAAAGAGACCGGGGACGGGGAAGACCAAAGAAAAAAGGAAAACG AAACGGACGGCACAGAAGGGAAGAGAGAAAAGGGAAGGAAAAAAAAGAAG GGGGAGGGAGGGAAGGGGAAGGAAAAATCAGGGGGGAAACCCGGGAGAC AGAGAGGGGAGAGGGGGGGACAAGAAACCAAGGAAGGAAGGAAGGCCAA G G AAAA G G CAA G GAGGAGGGGGGGGGCAGAAGGGAAGGGGAGGAGGAAA ACCCCGGGAAAGGAAAGCACAAGCAACGATTGGAGGGAAAAAAAAGGCCG GGGACGAGAGAGAGGGGCAAAAAGAGGGGAAGGAAGGAGGGGGAAGGGG CCAGAGAAAAAACCAGCAAAAGGGGGGAGAAAAAAAAAGGGGAAGGGGCA CCCCGAAAAGGGGACAGGAGGGGAAAAGGGGGGGGGAAAGCCAGGAGAG GCAGGAGGGGGAAAATTAAGGAGAGGGTTAGCCGAGAGAGAGACAAAGGG GGAAAGAAAGAGACCAAAAAGAAAAGGGGGGAAGGGAGGCAAAGGGAGGG GAAACAAGGGAAAAAGGAGGGGGGGAGGAGGAGGAGAGGGGGAAAAGAG GAGGAGAGCAGGGAAACGGAGGAAAGACGAGAGAGAGAGGACGGGGGAG GAAAAAAGAGGCCAAGGGAGCACGAAGCCGGAGGGGCAAGGAAAGACAGG GCACCGAAAAAAAAGGGGGAAAAGGAGGAAGAAAAAAGGGGCCAGAGAGA CAGAAAGAAGGAGGGAGGAAGAGGGGAGGCCGAAAAACAGAGGAAAGAGG G G GAGAGGGAGGGGAAGAAGGAAAGAAGAAAACGAAAAAAGAGAGGGAAG GAAGGAAAGCCAAGAAAGGAAAGGGCCGAAGGAAAAACAAAAAGGGGAAG GAAAACCGGGGAAGGAAAAGAGGAAAAAGGGAAAGAAGGGACCGAGAGAA G G G GAAA G GAACCGAGGAAAGGGAGAAAAACGGGGCCAAAAAGAAAGGGG AGGAAAGAAAAACGGAAGGGGGGAAAAGGGGGGGGAGGGGGAAAGAAGG G G G GAA GAAGAAGGGGAGGAGGAAAACCAAGACCAACCAAGGAAAGCCAA G G A G A GAGGGGGGGCAGGAGGGAAAGAGAGCCGGGAAAGGGAAACCGAA G G G G G G G G G C CA $\operatorname{l}$ GGGGAGGAGGGGGGAAAAAAGGGGACGAGAAAAAAG GGGAAGAGACAGAGAGCGAGGAAACCGGGGGGAAAAGGGGGAGGGGAGG A G GAA G GAACCGGGGCAGGGGGGAAGGCCGAGAACCCAAGAAAGGGGGG AGAAAGAAGAGAGGAAAAAGAGGAAACCCCCCACACGGAAAGGAAGAGGG ACAAAAAAAAGGGGCAGAAACCCCCAGGAGAGACGGAAAAGGGGAGAACA AA $\operatorname{A}$ GAGGGAGAGAGAGGAGGCCCCGGAAAGGAACGGGGGGAGGGGGGAA GAGGGGGAGAAGGAAGAGAAGGGAAAGCCAGGGGGAAAAAGGGGGGAGG AA $\operatorname{A} G \mathrm{G}$ GGAGGGGAAGGGGAAGGAAAAGAAGGGAAGGGAAAAGGAGGAAC CAAGGGGGAGAACACGGGAGACACCAACAAGAGGAAGAAAAGAGGAAAGA AA $\operatorname{l}$ GGGACAGAAAGGGGATTTAACGGGGGCCGGGGGAGGCCAAAAGAACG GACAGAAGGAACCAAGGAAGGGGCAGAAAGACAAGAAACAGAAAAAAAAC CGGACAAAAGGAAAAGGCCAGGAAGCAGGGACCGACCGAAGAAAAAGAGG GAAAAGGTTGGAACCAAGGAAAAAAAGAAAAAAGGGAGGGAAACCGAGGG AGGAAGGGGGGGAAGGACAGACCAAAAAAAAAGAGAGGGGGGAGAGAGAA AGACAGAAGACAAAAGGAAAAAAACGGAAGGGGAGACGGGGAGAAAATTG GGGCCAAGGAGAAAAAACCGGAAGGAAAGCAAAGAAAAAAGCAAAAAAAG A G G G G G GAGACAGGGATTAGAAAAGAGCCGGAAGGGGGGAAATGAACGG GAGGAGAGAGCAAAAAGGAAGGAACCGAAGCCAAAGACGAAGAAGAGGCC AA G GAGAAAGGAACAAAGGGAAGGAAGAAGAAGGAGAAGGAAGGGGAAAA AAACAGGAAAGGGGCCGGGGAAGGAGAACAAAGAAGCAGGGGCCCCGGGA GGAAGGAACCAGAAAAGAACGCGAAAAAGGAAAAAAAAAAGAAAAAGAGA AAAAGAAGAGGGGGAAAAAGGGTACCGGAAGGAATAAAGGAAAAACAAGG GGAAGGGAAGAAAACAAGGAAGAAAGAGAAGGAAACAGAAAAGCAAGGGG GCAAAAGGAGGAAAGGAAGGGGAAGGGAAGGGAAGGAGGCAAGGAAAAAA GAGGAAAGAACCAGAGGGGGAAAAGAAGGAGGAAAAGGAAAGGGAAGGAG GAAAGGGGAAAAGGGGGGAAACAACCGGAGACGGAACCAACCGGAGAAAA G GCGGGACGAAGGGAAAAGGGGAGCCCCAACAGGGAAAACGGGAAAAAAG G G G G G GCCAAGGGAAGGAGGAAAAGGAAAAAGGGACACAAGAGGGGAGG GGAACAACAGAAAGAGAAAGGAAGACAAAAAAGCCAGAGAGAGAAGGGAC AAAGAAGAGGGGACCAGACGAGGAAGGGGGGAGGAGCACGCAGAAGCAG GGAGAGGAAGAGACCACAGGCCAAGGGAAAAAGGGGGAAGGGAAGGAAAA AGCAAAAACCAAAAACTAAGAGAAAAAACAAGAAAAGGGGGGAAAGAACC CAGGGGGGCCAAAACCAAGGCCGGGGGGGACAAGGACCAAGGACGAAGAA GGGGAGGAACGGAAGGGAGGAAGGGGAGGGAGCCGGGGGGCCAAAAAGA GGGGGAAAAAAAGAAAATTAAAGGGAAGGCAAATTAAAAAAAACCAAAAA AAAGAAACCAACCTAAAAGAGGGAAAGAAAAGGAACCGGGGGGCATTGGA AAAAGCCGCACGAAAAAAATACAAAAGGATTAAACAACCAAAACAGAGGGG AAAGGGGACAGGAAAGCAGGAGAAAAGGGGAGGAGGAACCGGGAAGGGA

GGAGAAAAGCCGGCAAAGGGGCAGGGGAGACGGAACCAGAAAAAACCAAG GAGAAAAGGTAAAGAGACACATAAAAAGAGGAAGAAAAACCAAAGAAAAG GAACAAAGACACCCAACCCGGCCGGGAGGAATTAAAAGGGAAAAAGGAGG AAAGGAAGAAGCCCCGGCGAGAAGGACGACAGGGGGGACAGAAGGAAAAA AGCGGAGAGCCCCAAGGGACCGGAGGGAAACGGAGGGAAGGAGAAAAAAG GAGAGAGAGAGAAAGAGGAGAAAAACCAAACAGGGCAAAGGGATTGAAAC AGAAGGGCCGGGGAGCCCCGGGGAGGGAAAAAAGGAACAGGAAGGAAAGC AAGGAGAAGACGGAAAAGGAAAGGAGAGGGAGAGGGGAAGGGGCCGGGA AGGAGAAAAGGAAGAAGAGGCCCAGGAAAAAAGGGGGAGAGAAGAAGGAG GACCGAGGGGAAAGGGGGAAGGAGAAGACAAAAAAAGGAAAACCGGAGGG ACGGGGGGAGAAGACAAGGGAAGGCGGGGGACAGGGAAACAACCAGAGG AGGGAGGGAAGAAGAGGAAAGAACCGAAGAAGAGGGGAAGAAAAAGGACG G G GAGAAGAGAGACCCCCCGGGGCCGGGGGGAAGGGGGGGGGGCCGGGG AACCAAAAAAAAGGAACCGGAAGGAAGGCCCCAAAAAACCGGTTAAGGAG ACAGAGACGGAAGGGGACGAAGCCGGAAGGGGCCCCGGAACCAAAAGGAA GGGGAAGGATACGAGGGAAAAAAAAAAAAAAGAGAAAAGACCGAAGAGGA AAGACCGGAGGGGGAAGGGGGAACGACCAGAGAAGGGGGGGAGAAACCA C GAGGAAGGAAGGAAGGAGAGAAAAAGCAGGGAAGGGGCAAGGAAAGAAA AGGCCGAAGGGAAAGCCAAAAGGAAAACCGAGACCGGAGGGAAAACCAAA AAACCCCGGAACCAAGGAAGGGGCCAAAAAAGGAAAAGGGGGGCCGGAAC AGGAAAAGGCCGGCCGGGAGGGGAGAAGGAAGAGAAGAAAAGAGGGGAA AAGGAAAGAGAGCAAAAACAGAGAGAGGAAAAAAAAGAAAAAAACAGAGG GGGGAAAAAGAGAGGAGGAAGAGGGGGGAAGGCCAGCAAGGAGGAGAGA CACAGGAAAGGGGAACCAAAAGGCCAAGGGGCCGGGGAAAAGGAAGAGGG GAGAGCAAAGGAAGGCCAAGGAACCGGGAAGCCCCGGGAACAAGGCCAAG GCCAACCGAGGAAGGGGACAAGAAAGGGGAACCAAGGGGGGAAAAAAAGA GGGGGAAGACAAGCAGAAAGGAAAAGGCAGGAAAAGGGGAGAGACAAGGG GACAAGGAAAAGGAACACCACATCCCCCCAAAAAAAAGGAAGGAGAAGGG GAAAAGGAGAAGGAAAAGGAGGAGCGGAGAGAAAAGGACAAGGAAGGAAA AGGCCGGAGCCAAAAAAAAAGAAGAGAGGGAAATTGAAGAGGGAAGAAAG GGGGAAGGACAGGAAAAGAAGAGACAAAAAGAACCAGAGCAGAAGAACAA GAGGGAAGAGGAAAAAAGAAAGGAGAGCCGGGGAGGAGGGGCCAAAAAAG GCCGGAACCAACCAAAGGGAGAAAGGAGGGAAAAAGGAAGGCCAGGGGGA C CAGGAAGGGGGGGGAAGGGCAGAAAGAGGGGAAAAAAGGGAAAAGGAC GAGGGGCCAGGGGGGGAGGGAGGGAGCAAGTTGGAAGAGGGAAAGGGGA AAGAGAAACGGAGGGGAAAGGGGGAAACCAGAGAAGGGGAAAGGGGAAA GACAAAGGAGGGGAAGTTAAGGAGAAAAGACAAAACAGGGGAGAGAAGGA AAAGGAAGGGAAGGAAGAGGAAACGAGGGGAAAAAGAACAGGGAGGCCAA CGAAAGAGAGGGAAGGAGCCAAACAAGGAAGAGAAAAAGGGGAAAAAAAA G G G G G A A A G G G G G GAGGGGGGGGGGGAGGGAAAAAAAAGGAACCAAGGG G G A G CA GA GAGGCGGAAAAAAGGGAGGGAGGCCGAGGAAAAATGAAACCA AAGAGGGAGAAGGAACCGGGGCCCCCCAAAAAGAAGAAAGGAAAAAAGGA GAAGGAACCAAGGGGGGAAAAGGGGGGGGATAACCGGGGAGAACCGGGG ACGGAGAGAAGGAGGAGGGGACGAAAGAGGCGAGGGAAGGGGGGGGGGG G G G G GAAAAGGAAAGGGAGAGGAAGGGGGAGAGGGGGAATTCCGGGGAA GGAAGGAAGAAGAAGGAGGGGGAGGACCAGAACCGGCAAAAAGGAAAAAG AAGGACCAGAGGGAACCCAAAATTCCGGCCGGGGAAAAAACAAGGGGGAA G G G G G GAAAAGGGGGGGGCCAAAAAAGGAAAAACGAAAAGGGCAAACAAA AAGGAAGAAAAAGGGGGGGGAAGAAAACAGCCAAATGAAAGACAGCAAGA GGCGGGAAGGAAAACAAACCGACCGAAGCCGGAAGAACGGAAAAACAAAA AGGGAAAAAAAACAAAAAAAAAAAAGGGAAAAAAGGCAAGGAAAGGAAGA GGAAAACCGGAAAAGGGGCCAAGGGGAAGGAGGGAAGGAGGGCCGGAAG AAAAGGGAAAAAAAGAAGGGGCCCAAAGGGGAAACAAAGGGAAGGGGCCG AGGAAGGAATACCGGAAGGCAGAGGAGGAAAAAAGAAAAGGACAGGGAAG AAACCGGCAAAGGGGAAGAGGAGAGGATTCCGAAGAAGGAATTGAGAGGA ACCCCGGAAGAAGGAAAAGAGAGCAGGGGAAGGAAAAGAGAAGAGACAAG G G GCCAAGACAGGAAGGGGAAGGCCAAAAAGACAGCCGGAACAGGCCAAA AACCCAGAAAAGAGAGGGGCCGACCAGCCCACCACACGGCAGGACGGGGG GGGAAAAAAAACCAAAAGGGGGGCCGAAACAAGAGAAGGGGGGAAGGAGA TAAGGGGCCAAGGAGGGAGGAGGCCGGAAGAAGAGAAGGAAAGGGAGGG CCAGCCGGAAGGGAAGAAAGGGGGAATTAGGAAAGGAAGGGGGGCCGGG

GAAAAGGAAGGGGGGGGGGAACCCCAAGGAAGGAAGGCCGGCCGGGGCC GGAAAAAAGGAAAAGGAAAAAAAAAAAAGGGGGGAAGGGGGGAAGGGGG GAGAAGGAAGGGAGCGGGGCAAAAGAACCGGAAAAGGAACCGGAAAAGGG GCCGGGGAGGAAAGGAAAGAGGAGGGGGGAAGGAAGGCCCCAGACCCAG AGAGCCGGGGCAGGCAAAACGAGAAAGGGGAAGGACGGAAGGGAGGGGG AAAAGAGAACCGGAGACGGAAGGGGAAGGCCGGGGAAAACCAAGGCCCCA ACAAAGGAAAAGGCCGGGGAGAAAAACGGGAAGGGGGGAAACCGGAAAAA AAAGGAGGGCCGGGAAAAGAACAAGGGGAGGAAGGGGCCGAAGAAAAAAG AA $\operatorname{la}$ AGGGGGGAACCGGGGGAAAAAAAAGGGAGAAAGGACCGGGGCCGA AGGAGGGGGGGGAGGGAAAAGGGGGGAGAGAAAAAGGGCCGAACAGGGG GAGAGAGAGGGGGGAAGGGGGAAGGGAAAGAAAAAGGCCCCAAAAGGGG GAGAAACCTAAAGGGGCCAGGGGAGGAAGGGGAAAAAGGGGGACGGAAG GGGGAAGGAAGGGCCGGAGAAGGGGGGAAGAGGAGGAAAGGGGAAGAGG GAAGGAGAACAACCGAAACCGGGGCAGGAAAAGGAAAAAAGAAAGGAAAA GGATGAAGAGAGGAAAAGGGCCCCGGAGAGAAAGAGAGAGCAAGGGGGA GGGGGAGAGGGGGCAAAGGACAAGGGAGACCAGGACCAGAAAAAAGGGG AGAGGACCAAAGAAGGACAAAAAAGGGAAAAGCAAGCAAAGGAGGGAGTT AGGGGGAAAGGAAAAAACAGGGAACCGGGAAGGAAGGGGAGGAAGGGGG GAAGGGGAAAGCCCCAGGGCAAACCAAAAGAAAAGCCGGAAGAACAAGCA GGACAGGCATTAAAGCCAAGGCCAGGGGGAAAAAGAGAGGGGAAGGGACG GAAAGGGAAAAAAGGAAAGACAAGGGGCCGGAAGGGAGGGGAGAGGAAAC CGGGGGAGGGGAGGAAGGGGGAAGGGAGAGAAAGGAACCAAAAGGGGAA GGAAAAGGAAGAGAGAAAGGAGAACAGGGGGGAAAAGAGGAAGGGGAGT TGAAGAGAGGGGAGGAAGGAAGGAGGAGGAAAAGGGGAACAGGAAAAGG CCAGAGCAAAGAAGCCCCGGAAGAAACAAAAGCAAAGGAAAAAAAAGGAG GAGAGAAGAGGGAGAAGGGACCAGAGGGAAGAGGGGGGGGGAAGAGAAA AGGGGAAGGAAGGAACCTTATGGGGCCCCAAGGGGAAGGGGAAAGCCGGA GAACCAAGAGAGGAGGGAAGGGAGCGAACGGGAAGAAAAGAAAAAAAAAA GGGCAACGAAAGGAGGAAAAAGGCCCAGAGGAGAGGGTTAAGGCGGGAAG GAAGAAGGGGAAACCGGAGACAGGGAAAACAGGGGGAAGGGGGAACAGA GGAAGGAGGGAAGGAGAGGGGGCCCCAAAGGGAAAACCGGCCCCGGAAGA AAAAAAAAAAAAGGAAAGAGGGAAGGAAGGCCAAAACCCGCAAGAAGGGG AA G GAAAAGGGGGGCCGAAGGGGAGGAGAGGGAGGGAGAAGGACGGGGG GGGGAGGAAGGGGAAAAAATACCAGAAAAGAGAGACATTGGGGAAAAGGG GAAGGAAAAAAAACAGGCCGGCCGGAGCCGACCAACAAAAAAAGGAAGGG GAAAGGGGAAGAGGGAATTAGCCAAAAAAGGAAGAAAAAAGGGATAGCCG GAAAAAAAAAAGGAATTAAAAAAAAGGAAGGGAAGGGCCAAGGGCCCAAC CGGGGAGCAAAGGAACAAAGGCAAGGGAAAAAACCGGACGGAAAAAAAAA AAAAAAATTAAGGAAAAAACCAACCGAAGACAAAGAAGGGGGACCACGGT TAAAAGAAAGGAAGGGGAAGGGGGAGGGGCCGACAAAAGAAGAGGGGGG AAGGGAAAAAAAAAGAGAAAAGGGCCAGGAGGAAGGCCAACAAAAGAGGG GGGGACAAGGTAAAGGCCAAGGAAAGAAGAAACCGGAAAAAACAAGAGAG GGAGGGCGAGGGCCCCAAGGGAAGACCCAAGGGGAAAAAAAAAAAAAAGG AAAGGGGAGGAAAAGGGGGGAAGGGAGAAGATAGGGGAAAAGGGAAGGG GAAAAAGAAGGAGACAGCCGGGGAAGGAAGGGAGAGAAAAGGGAAGGGAA AACGGCCAAAACCCCCCGGCCACGGCCGAGGAAGGGAGACCAGGAGGAAA AAGAGGGAAAGAGGGAAGGAGGACCGGAAAGGGGAAAAACCGAAAAAGGG AAAAGCAGGGGGGGGGGAAGGGGGGAAGAGGGGAGCCAAGGGGAGGAAG GGGAAAAGAAGGGGAAGGGAAAGGGGGGGGAGGGGAAGGGAAGGGGAGA ACAGGAAGGAAAGAACCAGGGGGGGAGCCGGGGGGAAGAAACCATGAGGA GGACCAAGGGAGGAGAGAGAAGGAAGGAAAAGGGGAGCAGGAGGAGGGG AAAAAGAGATGAGGAAGAAGAAAGGGAGGGACGGAAGGGAAAGGAGGGG A G G G GAA G G G G G GAAACGGGGGGGGGAGGCAGAGAGAGAGGGGAAAAAA GGAAGGGAAGAAGAGGCCGGGAGGAAAGAAGAGGAAGAGGGGAGGGAAG GCCGGGGGGGGAAAAAAGGGGCCGAAAGGAGAAAAGAGGGGAAATCCAAA AGGAAAAGGAACCGGAAGGAAAGAGGGCAAGGGGGGAGGAAAGGGGAAG ACGAGGAAAAAAGAGAGGAGACAGGAAAGGGACAAAAACCGGGGAGAAGG GGCAGAAAAAAGGGCAAGAGGAAACCAAAGGAGGGAGGGGGGAAGGGGA AAAGGAAGAGGAGAAGGGGCAAGGAAGAAGGAAGGAAGGAAGAAGAAGGA AGGCCAGCCAAAGAGGAAAGGAAAGAGGAAGGAAGAAACAGGAGGGGAAG GGGAAGGAAGGAAAAAAGGACAAAAGGGAAGGAGAAGAAGGAACCTTGGG

GAAGAGACCGGGGGGAAAAGAACCCAGAAAGAAGGAAGCGGCCAAAAGGA AGAAGAGGGGGGGAAAGGGCAAGGAAAAAGGGGAAAAAGGAGAAAGGAA G G G G G G G G GAA G GAACCCGCCCACAAGAACGAGACGGAGAAAAGCCGGAG CCAAAGAAAGAGAGAGGGGAATAGAGGAGGGAAGGGGGGGGGACCCGGA AGGGACCGGAGGACCGGAGAAAGCCGAGGGAACAGAAAAAGAAACGAGAA ACCAGGGTTGACCAAGAGGAAGGGAAGAGGACAGGAAAGAAGGCGACGGA AAATTCAGGGGGGGAAAAGAAGAGGAAGGAACCAAAAGAGAAGAAGGGGA AAAGGAGCCAAGACCGAGGCCAAGGGGGGAAGGGGGGGGGGGAAGAGGA GAAGGAGGGAGACCAAGGAAAGGAAAAAGACAAAAGAGGGAGGGAAGGGA GAAGGGGGAAAGAGACAACCGGAGCAAGAGAAAAAAGGAGAGGGGGGGAA GGCCGGAAGGGGAAAAAGAAGGAAAAACAGAGGGGGGGGGGGACGGCCA GAGAGGGAAAAGGGGAAGGGGGAACAAAAGGAAGAAGCAAAAGAACCAGA GAAAAGAAAAAGACAGAAAAAAAGGGGCCGGCAGAAGGAAACAGAGGAAC C G G G GACGGGGAGGGAAGGGGACGAGGGGGAGGAGAGAAGGGGGGAAGA AACCACGGAAAAAAAGGAGGAAAGCAGAGGGGAAGGGGGAGAAGACAGGA AAAAGGAGAAAGAAAAGGGGAGGGGAGAGAAAGGAAAGAGCCGGGGGACC GAGGGGGGAAGGCCAGGAAGCCAGACAAGGAAAGCCAAAAAAAAAAGAAC GGCCCCGGAAGAGGAGGGCAAAGAAGAAAAGGAAAAAAGGAAACACGGAG GAAAAAAGAAGGGGAAAAGGACAAGGGGAAAAAAGGGGAAAAAAAGGGAA AA $\operatorname{A} A \operatorname{A} A G G A T A G A A G G A A G A G G A G G G G G G G G G A A G G A A A G C A G G G G G G A$ G G G GAA G GAGAGAGAGGGGAGAAGGAAAAAAAAACGGACGGCCGAGAAAA G GCCCAGCAGAAAAGGGGAAAAGAGGAAAAAGGCCAAGGAACACCAGAGG G G G GAA G G GCCGGGGCCGGCCGGGGAAAGGGAGGAAGAAAGAAAGGAGA ACGGGGAGGAAAAGGACCGGAAAGAGAGAAGGGGAGAAAAAAAAAGGGGA AAATAGAAAAGGAAGAAAGGAAGGAGAAGAGAGAAGAGAAAAAGGAAGGA GAAGAGGGAGAGGAGGGAAGGAGGAAAGCAAGGAAAAGAAAAAAGGGGG AGGCCAAAGAAAACCGGAAAAAAAAAGAGAGAGGGAAAACAGACCGGACA ACCGGACGGAAGGGAAAGGAAGGAAGGAAGGAAACAACCCCGGGGAAGAA CGGGGGAGGAAAGGGGAAGAAAGAAAAAAGGAAGGCAGGGGCAAATAAGA AGGAGCACCGACAAAGGAAAGAGAACCGGAAAAGGACAAGGGGAGGGAAG GGGCCAACCCCAGGGGGAAGGGAAGACAAGGGGGAGGAAAGAAGGAGGG AA $\operatorname{A} G \mathrm{G} G \mathrm{G}$ GAAAGAGGGGAACGGAAAGGAGGGGAGGGCCAGGGCCAGGGA AAAAGCAAGGGGGAAGAGGGGGGAACCGGAAGAAAAAAGGAAAAAAAAGA GAAAAAGGGCCGAAGAAAAGGGGAAGGGGAAGAGGGAGAAAGAAAGAGGA AA GACCCAGAGAGGGGAAACCAGAAAGAAGGGGAGAACCGGACGGAGTAA GAGAGACGAAAGAACCCGAGGGGGGAAGAGGGAAAAGGGGAAGGGGGAA A G G A G G G GAAGGGGGGAAGGAAAAGAAAAAAGAGGAGGGGGAGAGGGAG ACCGGGAAACCGGGGAAGGAAAAGGGGGGGGGGAACAGGGAAGAACCGG AGGAAGGGACAAAAGGCCAAACAGAAGAGGAAGGCCGAAGAGAGAGGAGG G GAGGGGAAGGAGGACAGAGGAGAGGCCGGAAGGAGGAGGAAGGGAGGG ACCAGCCGGAAAAAAAAGGGGGACCGGAAAGAGTTGGACGGAGGGGGAAA AAGAACCAAAAAAGGAGGGGGAAGAGGGGAAGGCCGGCAACGGGGAAAAG GCCAGACAAAAGACCAAGGGGAAGGGGAAGAGGGAGGGAGGACCCGGGA G GAAAAGAGGAAAAGGGGGGAAAAAGCCAAGAGAAAGGGGAAAAGGCCAA GGGGAAAAAAAAGGAAAAGGGGCCGGAAGGAACCAAGGCCGGGGAAAGCC AGGGAAAAGGGGAGCCGAAAAAAAAGAAAAAAGGGGGAAAAAAAGGGAGG ATGGAACCCCAAGGAAGGGACAAAAAAGGGGGGGGAGGGGAAAAGAGAAA AGCCGGAAGGAGAAGGGACAAGAAGAAAAGACAAGGAAAGAGGAGGAAAG GGGACCCCCCCCGGGACAAAAAGGAAAAAACGGGGGATAGCCGACCGGCC AAAAAGGGGGAAGGGGGGAAAAGGAAAAGGGAAGAGAAGGGGGGAAAAC AA $\operatorname{G} G \mathrm{G}$ GGGGAAAAGAAAGGGGAGGGGGTTAAACGAAAAAGGCCAAAGAAG GGGAAAAGGGGGGACGGCCAAAGACAGAGGGGGGGGGGGAAAAAAGGAA AACATAAGAAGAGGAGGAGGAAAAGGGAAAGGAAGGCCGGCCGAAGAAGA GGGGGAAAAGACGAAGGGGGGAAAAAAAGGCCGGGGAAAGAGGACCAGA GAAAAAAACAGATAGAAGGGGAAGCCAGGGGCCCCAACCGGGGGGCGAGA AGAAGAAAGAGAACCAAGAAAGATTCCGGGAGGAACAGAAGAGAGAGGGA ACAAAAGACAGGGAAAAAAGGAAAAAACCAAAAGAACAGGGGGAAAACAA AAAAAAAACGGAGGGGAAAAAGGGGGGGGGAGAGGAGGACAGAAACAGGA GGGAAAAAAGAGAGAGAAGGAAAGGGGGACAAAAGAAAAGAACCAGGGGA ACGGGGAGGGGAAGGGGAAGAAGAGAAAGGGGGGGGGGGAAAAGAGGAA GAAGAACCAAAAGGTTGGAAAAGGAAAACCCCAGGAAAGGCCAGAAAAAA

G G CCCCAGGGCCCCGGCCACGGGGAAGGGAGAAAGGGGGGGAGGGGGGG G G G T TAAA $A$ AGCAGGAAGGAAAAGGGGCAAGAAGGAAGGGGGAAAAGGG G GAAGGAAAGGAGGAAGGAGAAAAGGGGAAGGAGAAAAAAAAAGAAGGAA GAAGGGAACCGGCCGGAAAAAACCCCGGGGGGAAGCGGAGAGAACAAGGG G G G G G G G G G G G A A A A A A A GAGGAGAAAAGGGGGGGGAAGGGAAAGGCCG GAAGGGGAAGAGAAGAGGGAAACGGAAAGAGGAAGAGGGCCGGAAAATTA AGGAAAGAAGGAAAGAAGAAGGAAGAAAAAAAAAAAAGGGGAAGGGGAAA GAAGAGGGGAGAGGAGGGAAGGAGGAGAAAAGGAAGGGGAACCAAGGAA AAAGGGAACCGGAGCAACAGGGAAGGAAAGAAACAAGAAGAAGAGGCCGA GAAGAAGGAAGGGGAAAGCCAGCCGGACAAAAGGAGAAAAGGAAGGAAGG CCGGGGGGGGGGAGGGAAGGGGGGGGAGAGCAAGGGGGGGGGGGGAGAA CGGGGAAGGGGAAAAGGAAAGGGCCGGGGGGGGGGAAGGCCGGGGCCGG AACCAAAAAGACGAGGAGGGGGAGGGAAGACCAGGACCGGGGAAAAAGAC GGGGAAGGGAGGACAAGGGGCCGGAAAAAACAGAAGAAGAAGAAAGAAAA GGAGGGAAGAAACCAAAAGGAAAGGAGGAAAAAAAAGGACGGGGGGGGAG GGCCGACCAACGGAAAAAAAGAGGGAGAAGGACCGGGGAGAAGAGGAGGA A GAGCCAGGGGAGGAGAACCAAGGGAACGGAAAGAAATGGGCGGGGGGA AGAAAGGCCGGGGAAGGCCCACACAGAAGAAAAAAGAAAAAAACCGGGGA CAAGGGGGGAAAATACACCAAGGGGAGAGGGGGAAGGGGAAGGCCGAAG A GAAGGGAAAAAAAAAGACCAAGGAAAAAGAACAAAAGGGGGAAAGGGGA ACAA G GAGGGCCAGGGAAGGGAACAGGGGGGGACAAAACCGGGGAGGGG GAAAACGGGGGAAGGAGAACCCCAAAAAAAGAAGGGGAAAACCAACCGAG
 AA $\operatorname{A} G \mathrm{G}$ GAACCAGAGAAGGGGGGAAGGAAAAAAAAAGGGGGGGGGGGGGGG AGAGAAGAAAGGGGAGGGGAAAAAAGGCCAAAAAGAAACGGGGGGGGAAA GGAGAAAACGAAGGGAAAAAAGGGGGGAGGGCCAACCAAGGGGCCGGAAA AGGGGCCCCGGGGGGAAACGGAAGAGGGGGAAGACGAAAAAGGGGCCAA G GAGGGACAGAGAGACGAGGGGAAAGAGAAAGCCCAGGAAGGGGGGAGA AAAAAAACCAAGGGGGGAAGGGGAAAAGGAAGGGGAACCAAAAAAAAAAA AGGAAGGAAGGAAGGGGGGAAAAGGGGAAGGCCAAAAGGGGGGGGAACA A GAA $A$ GGGGAGGGGAACCGGAAGGGGGGGGGGAAAGAGAAAAGGGGAGG AGGAAGAGAGGCAAAGGGGAAGGGGGGGGCCGGAAAAAGGGGAAAAAGG G G A GAGAAAGAGGAAAAAAGAAGGAAGGGGGGAAAGGAGGAGAAAAGGAA GAAGGGACGAGGGAGGAAGGGGAAGAAAAGAGGAGGAGGGAAGAGAAAA AACAGGAAGCCGAGGGGAAAAGGGAGAGGCAAGGGAAGGCAGGCAAAAAG A G G G A G G G G G G G GAAGAAAAGCCGGAGAAAAAGGGAGGGAAGGGGAAGG

 CAGGGAGGGGAAGGAACAAAAAAAGAGGACCACAAGACAAGAAGGGCCAA GAGGAAAAAAACAGAAAAAAAGAGAAGAAACCAAGGGACAAACAGGGGAG GAAGGAAGAAAAAAGGGAAAGGGGGGGGGAGGGGGGGAAGGAACAACCA AAAGGAAGGAAAACCAGGAAAAGCCACCAAAGAAGGGGGGGCCAAGGGAG AAAAAGAACAAGGAGAACCGGAACCGGGGAAGGCCGAAGAAGAAAGGGGG GGAAGAAAAAGAAGGAAAAGAAGCAAAGGGGAGAAAAAAAAGAGGAAAAG AGGTTGAGGGGGGGAAAAGAGAAGAAAGACCAAAGACGAGGGAGGGACCG GAGCCAAGAAAGGAAGGGGAGGGAAAAGGGGAAAGACGAACAGAGACGGA AAAAGCCAGGAAAGGAAGGGGGGGGTTGGAGCCAGGGGACCGACAACGGA AACAGGGGGAAGGGGAAAAGGAAGGAGACGAGGAGACGAAGCAGGAGAA G G G GAAAGAACCGAGGAGGAGGAACCGAAAAACCAAGGGGAAAAGAGGAA AAAGCCAGAAGGGAGAGGGGGAGGGGGGAAGAAAAGGGGAGGAGGGAGG A G GAAGAGGGGGGGAAGCCAAGACACCGGGGAAGAAAAAGAAGAAAGAAA AAAA $A$ AAAA $A \operatorname{GGGAGGGGGGGAA} \operatorname{GAGGGAAGGGCCGGGAAGGAGAGAGG}$ G G G G G GCCGGAAGGCCGAAGCCGGAGGGGGCCAAGGCCACAGGGGGAGG G G G G G A G A A A G G A A CAGCCGGGAGGGGGAAAGGGGAAGAAACCCCCCGAC C G G G G G G G GAGGGGGGGGGGAGGGGGAACAAAAGACAGGGGCAACGGGA A G A G G G G G ACGAGGAAAAGGGAAAAAAAAGAGAGCCAAAAAAAAGGGAGG GGGAGGAAGAAAAGGGGGGGAAAAAAAAAAAAGGAGCACCGGAAGGAGAA AACCGGGAAAAGACAAGGAGGAGGGGCACCAAAGAGCCAGGAAAGAACAG AA G G G G G GAGAAAAAGAAAGGGGAAGAGGAAGAGAAAGGAAGAAAAGGAA GGCACAGGGGGGAGGGGAAGAGAGAGGAAGGGAGGGGGAAACAAGGAAA ATAGGGGTAAGGGCAGGGAAAAAGAGGAGGGGGGGAGAAGGAAGGGGAG

GAAAAGGGGGAGGGGAGAGGCACAGAAAGGCCACAAAAGGAAACGGAAAA AGCCGGGGAAAAAGAAGGAACCAAAAAAAAAACAGGACGGGGAAGGGAAA GGGGGACCAAGCGAACAAAGAAAAGGGGAGAAGAAAAGAAGGAGGGGGG GCATAGAACAACACAAAGAGGAGGGAAAAGGAACCGGGGAGAGCAGAGGG AGGGGAAAGAAAAGAGAGGGAAAAAGAAGGGCCGGAGCCGGGAGGGGAG AAGAGGCCGGAGAAAAAGAAGGGGAAAAGGAAGGAAGAAGGAGACAAACA AAACACGAAAAAAGGACAGGAAGGAAAACAAAGGAAGGGGGGAACCGGGG AAAAAAAAGGAAAAAAGGTTGGCCAAGGGGAAAAGGAAGGGGAAGGGGGG AACCGGCCGGGGAAGGAAAAAAGGGGGGAAAAAAAAGGAACCAAGGGGAA CCCCAAGGAAAAAGAAAAGGGGGAAGAAAGGGAGGGGGGGAGAGGGGGG GGGGAAGAACCGGGGAGAGAGGGGAAGGGAATTAAAGAGAAGACAAACCA AGGAAAAAAGGAACCGGAAAAAAGGAACAGAAGAGGGAAAAAAAAAAAAG GCCAAAGACGAGGACCAAAAAGGGAGGAGGGAAAAAAAAGGGGGGAACCA AAAGGCCAAAAAAGGAAAAGAGGGAGAAGGGAAGAGGAAGGGGGGAAGAG AATAGGGAGAAGAAAGGAAGGAAAAGGAGGGGACCGGGGGGAAAGGGGA AGGGAGAAAAAGCAAGCCAGAGGGAAAGGAAGAGGGGGGGGGGGGGCCG AAGGGAGGAAGAGAGCCAGAGAGGGCAGAGAGGAGGGAAAAAAAGCCAGG AGGCAAGCCGGAGGGGGAAAAAAGGAGGGGGGGGGGGGACCGACCGGGA CAAGCCGGGGAAAAGGAGCAAGGGGGAAGGGAACAAGAGGCGAGAGGAA GAAAACCAAAGGAAGAAGAAGAAGAAAAAAATAGGGAGAACCGAAAGAAA AGGACGCAGAGCAAGGGACAGGAAGGGAAAGGGAAAAAAGGACAGAAACG GGGGACAGAAAAGAGAGAGAGACGGGGGGAGCCACGGGGGGAAAAGGAA GGGGAAAAGGCCAAAAAAAAAGCAAACCGGAAAGGGAAAAAGAGGGAAAC AGCCGGAGGGGGAGAAGGAAGGGGAAGAAGGGAAGGCCGGCCGGCCGGA AAAGGAAACCAAGACAAAAGGAAGGGGGGAGGGAACCGGAACCAGGAGGA GCCCAAAACAGCACCCAAGAAAGGAAAAGGGGGAAAAGGAAAAAAGACAG GCCGGCCCCCCGGCAGGGGGGAAAAGAAAAAAAAAAAAAAAAAAGAGCCA AAGCCAAGGAAAAGAAGAGGGAAAAGGAACCGAAAGAAAAGAAAAGGAAG GAAGGGGGGAAGAAAGAGAAAGGAAGGAAAAGGAGGAAGGGCAGGGGAA AAGGGGGAAGAAAACAATGGAAAAGGGGAAGGGGGGCCAAAAGGAACCCC GGAAGGAAAAGGAACCCCGGGGGGAAAAAAGGGGAAAAGGAAGGGGGGG GCCCCCCGGAAGGGGAAAAAACCGGAACCAAGGAAGGGGAAGGAAGGGGA AAAAAGGGGAAAAGGAAAAGGAAAAAAAAGAAAACGAGGAAACGGGGGGA AGGGAAGACGGAGAGAGAGGAACGAAGAAGAGAAAGGGGAAGGGGAAAA GGAACCAAGGAAAAAAGGGGGGAAAAAATTAAGGAAGGGGAAAAAAGGCC GGGGGGGGGGGGGGAAGGCCAAGGCCAAGGTTGGGGGGGGAAAACCAAG GAAAAAAAAGGGGCCAAGGAAGGGGCCGGAAAAAAAAAAGGGGAAAAGGA AAAGGGGGGGAGACAAAGGGGGGGGGGAGGAAGGGAAAAAAAGAAAACC GGAGAGGGGGGAGGAAGAAGGGAAAAGGAGAAGGCCGGAGCCGGAGAAT AAAAAGGAAGGGGGGGGGAAAAAGGGGAAGGGGAAGAGGGGAACCAGAA GGGGGAAAAAGGGGGGAAGGAGAAAGCCCAGAGGAAGAAGAAAGGGAAG GAAGGGGGAAAAAAGAAAGGGGAAACCGGATAGACAAAAGGAAGGGAGAA ACCAAAAGAGGAAAAGGCCAAAAAGCAGGAGGGGAAAAAGGAAGGAAAAG AGGAAAGGGGAGGCAAAGGGGAAAGAGGAAGACGGAAGGCCAGGGAAAAA GGGAAGAAGGAGAGGGGAAAAACACCCGGAGGGAAGGAAAACCAAAGAAG AGGAAAAGGATAAAAGCTTAAGGAAAAAAAACCCCAGAAAAAAAAGGTTAA GAAACCGGCAAAAAAAGGCCAGGACACCAAACAACCAGGGAGCAGAAGAG AAAAGAGGAGAGGAGAAAAGGAGGAGAAAGGACAGAGGAGAAGGCCGGAA GGAAAGGAGGGGAGAAAAGGAAGGGGCCACAAAAAGCCAGGGCCAAGACC GACCAGGGAACGGGAACCGAAGAGGGACGGAGAAAGAAAACCGGGGAAAA AA G GAAGGGGGAGGGGGGGGAAAACCAGGGGGACATGGGGAACACGCCG AAAGGGAGAAAAGAAGGGGCCGGAAGGAAGGAACCGGAAGGGGATGGAAA GGGAGGGGACAGGAAAAGGGGGGCCCCGAGGCAGAGGAGCAAAGGAGGG GAAACCGGGGCCAAGGGGAACCAAAAGGCCCCAAAAAAAAAACCAAGGAA AAAACCAAGGGGAAGGAAGGCCAAAAGGCCCCAAAACCGGAACCGGCCAA GGAAAAGGAAGGAAAAGGGGGGGGAAAAGGGGAAAAGGCCGGAAGGAAC CCCGGAAAAGGAAGGAACCAAAAAAAAAACCGGGGGGAAAAGGAAAAAAA A G GAA G GAAAAGGGGGGGAGGGAGGCAGGAGAAGAGGAAAAGGGGGAAC ACAAGGAAAAGGCCGGAGGAGGAAGGGGGGAAGGCCGGAGGGAAGGAGA GAAAAAAAGGAGGGAAAGGAAGAGGGGGGGGAAGGGACCGACCGGAAAG AAGAGGAAGGAGGGAAGGAAGGAAGGAGAAGGGAAAGGAAAGGGGGGGG

G G AA $\ln$ CAGGTTGGAGCCGGGGAAGAAAGGGGGAGGTTAAAGAAAGAAAGG GAGACAAAGGGAACAAAGGAAGAAAAAGACAGAGGAAAGGGGGGGAGAAG GAGGGAAGAGGGGAGACAAAGAAAGAAAAGGGAAAGGGGCCGGAGAGCCC CCCGGAGCAGGAAAACCAAAAGAAAAAAAACAAGGGGAGGGAGAAAAAGG G G G GAA GACAACCGGGGAAAAGGGGCAGAGGAAAACCGGAAAAAAGGAAG GAAAGAGAAGGGGAAAGAAGAGGCAAAACGGAAACAAGGGAGAACCACCA GAAGAGGGAAAGCACACGAAGAAAAAAGAAGGGAGGAAGAACCGGGAGGC
 AAA $A$ AA $\operatorname{A} G \mathrm{G}$ GAA A GGGAGGGGGGGGGCAAGAAAAGGGGAAAGGGGGACA AGGAAAAAAAAAAAGCAAGCAAAGGGGAGACGGAGGGGGAGAAAAGACCA AACAAAAAAAGAAAAAGAGGGAGTACCGGGGGGGGAAGGAGGAAGAAGGC CGGGGAAGGGAAAGGAACCACAGAGAAGGAGGGCAAGAGAGGGGGGGAG CCCCGGCAACAGAGACGGCCGGCCAAAACCGGGGGGAAAAGGCCGGGGAA GGAAGAAAGGGAACAGAGGGAAAACCAGGAGGCCGGAAGAGAGGCAAAGA CAGAGGGGAGGAGGCAGGAAGGGGAAAGGAGGGGAAGGGAAGGAGGGGC CAAGACCAGAGAGAAGAAACCAAGGGGGGGGAAGGGGAAGACGGGACGGA G GAA $\operatorname{l}$ GGAGGGGGAGCCGGGGAGCAGGAACAGAAAAAGGCGAGAGGGAA AAA A ACAGGGAAAGGCACAGCCGGAGGGGGCCAAAAAAAGAGAGGGGAGG AAA A A G G G G G G G A GAGGAGAAAGGACGAAGAAAAGGACAAGAAAAAGAGG A G A G A A G G G G G G G G G G G G AAAAAAA A G GAAAAA G GAAACAGGGGGAGGG AAGGAGGAGGAAGAAAGGAAGGAGGAAGACCAAAAAAGGGGCCGGAAGGG GCCGGGGGGAAGGAAGGGGAAAAAAGGCCAAAAGGGGAAAAAAGGGGGG AAAAAAAACCGGGGGGGGGACCAAGAGGGAGAAGAAAAAACCGGAAGGGG AAAAAAAAAAGGAAAAGAGGGGGAAGGAAAGGAAAAAGGGGGAAAAAAGA ACAGAGGAAAACAGGGGGCCAAAGAATTCCGAAAAAAGGAGGAAGGACAG CAGGAAAAAAGGGGAAAGTTAGAAGGAAAAGGGGAGGAAACAAGGGGGGA GGGGAGAAGGGGAAAACCAAGGAGAAGGGGAGAGAGAGAAAAGGGAAAAC ACAGAAAAGGGGAGGGGGGAAAAAAGAGAGAGGGCCCCGGAAGGGGAAAA GGAGGAGGCCAAGGAACCCACCAAGGCAGGGAAGCCCCAGAAGAAAAAGA CGGGAAGGAGGGGAGGAACCAGCCCCGAGGAGAAGAGAGGGAGAGGGGG GGGGGGAGAGGGGTTGGACGAGAGGCAAGAACAAAGGAGCCGGAAGGAA AAGGAGTAGGCCCCGACCGGGAGGAGAGGAAACCCCGGATTTAGAAGAGG AGGAGGCCGGAAGGGGAAAACCGGAAAACCGGAAGGCCAAGGAGAAGGAA AAAAACGGAACCAAGAAAAAAACGGGAAAGAAAAAAAGAGGGCCAAAGGG AACCGAAAGAGAGAGGAAAAGGCAAAAAAGAGAAGGGGGGAGAAACGGAA AAAAAAAGAAAACCAAAGAGCCCAAAAAGGGGGGCCAAAGAGGAAGGGAG AA $\operatorname{A} A \mathrm{~A}$ GAAGGAGGGAGAAGAGAGGGAGGAAAGGAGGAAGGGGGGGGAGA GACGGGGAAAAAAAAAAAAAAAAACAGAGGGGGGAAGAAACACGGGGGGA AAAAGAGGGGGAGGGAAAAGAGGAAAAGAGGGGGACCGGAGAGCCAAAGA AGGAAGGAAAAAAGGGGGGGGGGAGAGAAAAGGAGAAACAAAAGGGAGG CGAAAAGGGACCAACCAAAAGAGGAGAAGGGGAGGAAAAGCCAGAGGAGG G G A G G G G G G G GAAAAAGAAGGAAGAAAAAACCAGGGGGAGGGGGCCAGA AGGGGAAAAGGTTAACCAGGGACGAAGACGGGGCAAAGAAAAAAGAAGGG GGGAAAAGGGGGGGGCCGGCCGGAAGGGGGGAACAGAGGCCAAAAAGAG CCAAAAAGGGGGAAGAAAAGAGAAGGAGAGACGAAAAAAAGAAAGGAAAG AAGGAAGGAAGGAGGGAGAGGAAAGAAGGAAGGGGGAAAAAAGGAAGACC CCAAAACCGGAAGGCCCCAGAAAAAACCAAGGGAGAGAGGGGAGACAAAA GGGGAGGAGGCCCAGGCAGGACGGAACAAGCCGGAGGAAAGAACGGGGA AGGCCAGAAGAGGAAGGAAAAGGAAAAAGAGGGAGAAGGAGGGGGAAAAA AAAGAGGGGAGAAGGAACAGGGGAAAAGAGAAGTTGAAAGGGGCCGGGG G G G GAA G GAAAGCCGGGGAAAACCGGAAAAGGAAAACCGGAAGGCCAAAA AAGGAAGGGGACAGAACAAAAACCGGCCCCCAAAGAGGGGGAAAAGGGAA AA GAAAGAAAGGAAGAAAGGAAGGAGACAGGAAAGGAAGGGGAAAAGAAG G GAAAGATGGAGGGAGAGAAAAAGAAAAAGAAAAAAGGAGCAAAGGAAGG G GCCGGGGGAAAAAAAGAGGAGAAAAGGCAGGGGGGGGAAGGAAAACAG ACAACAAGGAAAAAAAAGCGGAAGGGGAAAAGGGAGGGGCCAAGGAGAGA GAAGAAACAGGAAGAGGAAGAAAAGCCGGGAGAGAGGAACCACAGGGGGA AGGGGGGAAGGAGAACCAAGGGAAGCCGGCCGGCCGGAAGGAAGGGACC GAAGGGGGGGTTAACGAAAGCAGAGAACGGAAGGAGGGAAAAAAAAAAAA
 CAAGAAGAGCGGGGGGACCCAGAGAGGGACAGGGGAAGGAAAGGAAAGG

AAAGAACGGACGGGACCGGGGGGCAAAGGGGCAAAGGAAGGAGGGGAAT G GAAAAA GCCGAAGGGGGAGGGGGCCGGCAGGAAAAAGAACCAAAAGAGG AGAGGAAAGGGGAGAGAAGCAGAAGAAGGGGGGGAAGGAAGAAAGAAAG GAAGCAAAGAAAAAAGGAGGGGAAAAAGGGGAAGAGGGGACGGAAATAAA AAAAAGAAGGAACAGCAGAGACAAAAAAGAGGGAAAAGGAAAAGGACGAG GAAGAGGACGGGGGAAACCGGAGACAAAAGGGAGCCCAAAGCAGGACACG G G G A G G GAA $\operatorname{l}$ GCCAAGGGAGGGGCCCAGGGAGGAGGGGGGGGAGGCCGA G GAGACAAGACCGGGAAAGGAAAAAGCCGGAGAGGCAAGGCCGGGAAAAG AGAAGAGGCCGGAAAACCAAAGGGGGGGAGGAGCCCAAGACCCCAAACGG GAAAAAGGGGGGAAAGGGAAAGGGGAAACAGAGGAAAGGAAGCCAAAAAA GGGGAAAAGGGGAAGGAAAAGGAAAAGAACGAAAAACCGGAAGAAAAGGA AA G G G GCCGGAAAAGGGGGGAGGGGGGGGATTGGAAGGGGAGGGCAAAG GGGGAGGAAAGAGAACCAAGGGGGGGGAAAACCCCGGGGAAGGGGAAAG GGGGAGCAGGGGAAGAAGGAGAAAAGAGGGAAAGTTAAGGCCAGAAGGG GAGAAGAAAGGCCGGGGCCGAGAGAGGAAAAGGGGGAAAAGAAGAGGGG GAGAAGAAGGAAGGGAGAAAGAAACCACAAAGAGAGGAAAACCCGAAGCC GGGGTTAAAAAAAAAAACAGGAAGAACAAACCGGAAAAGGAAGGGGAAGG GGCAGGGGACGGGGCCCAGAAAAAGGAGAGACAGGAGGAAGGAAAAAGG GAGGGGGAGCAGCGAAAAAAGCAGGGGGAGAAAAGAGAGAAGGAAGGAG AGAGAAAAGGCAAGAAGGAACACCGGACAGAGGAAAGAGAAAAAAAGGCA G GCCCAAAGGGAGAAGGAGGGGGGCCAGCAGAACGGGGGGGAAACGGGC C G G G G G A A G G G A A G G A G G G G G A G A CA $\operatorname{l}$ GGGGGAAGGGGGAAGGGGAAAA AA G G AAA G G G G AA GGGAGAACCAAAAAAAAAAAGAGGGCCAACGGGGGGG GGGGGGGGAGAAAAGAGGAAGGCCAAGGGAAGAAGGAAGACAAAAAGGG GAAGACCCCAAGAAAAGAGAACCGACCGGAGGAGGGGGAGAGGAAGGGAA AAAGACCAAAAGGAAGGGGGGGGAGGGGGAAAAGGAAGAAGCAAGAGGG GGAGGGCAGGAATTGAAAAACCGGAAGGAAGGAAGGAGGACCAAGAAGGA A G G G G GAGAGACAGACGAGGAAGGAAAGGAGGAAGAGGGGGGCAGAGAC A G G G G GAA G G GCCAAGGAGGGAAGGAGAAGGGGACGGGGACGGAAAAAG AAGGAGAACCGAAGGGGACAGGGGGGAAGAAAAG
$22024000-9$ GAGGGGCCAGGGAGAGAAGGGGGGAAGAAGAGAAAAGGAAGC C СССAAGGGGGGCAGGGAAGGGGGCCGAAAGGAACCAAAAGGGGAAGAG G G ACCGGGGGAAGACAGAGCCGGGGGAAGCCAAGGAAAGAGAAAAGGAGA GAGACGGGGAAAGAAGGAAAAAAGAAAGGAAAGCCGGGGCCGGAGGAGAA AAAGGAAAAAAACGAACGGACAAGGGAAAGGAGGAGAAGAGAGACGGCCA GAAGGGGGAGGGGAGGGGGGGGGAAGAAGAGGCAATTGGAAGGAAAGGA GAGGAACCAGGAAAAAAGAACCGGGGGGAAGGAAGGAAAAAAAAAAAAAG GAAGAGGAGGGAGGCAAGCCAGAGGGGGAAAAAAAGAACCAAAAGAGGAA AGAAGGGGCCAACCAGGAAAGGAAGGAACCGGCAACCCAGGGAAGGGGTA G GAAGAGGTTAAGGAAGGGGAAGGAACCAAGGAAAAAACATTCCAGGGCC AAGGCAAAGGAAGGAAAGGAGAAAAAGAGAAAGGGGAAGAACGGAAAAAG AAAGAAAAGGAGGGCAAAAGAGACGGGGAGGAAAACGGAAAAAACCGAAA AAAAGGCAGGGAGAAAGGAAAAAAGGGGGGGGAGGGAAAAGGAACCAAAA GGGGGAGGACAGAAGGAAAAAAAGGGAGGACAGGGAAAGGGGGGAACCA AGGAAAAAAGGGGCCAAGAGGGGGGCAACGCCGGGAGAGGGGAGGGGAG AAAGAAGAAAAAGAAAAAGGAAGGGGCCAAGGGAAGGGCCGGTTGGGGAA AAAGGAGAACGGGGAACAAAAAGGAACATAAGCCAAAAGGGGGGCCAAGA AGGAGAACACGAAGAAGGGACCGGGGAAGGGGCCAGACAAAGCCGGAACC AAGGGAAAAGAAACAGAAAACCGGGACAAGAAGGGAAAGGAGCGGAGAGG GGAAGGAAGAAGAAGAAAGCAAGGGAAAGAGGGGCCAAGAGGCAACGAGA TAACAAGACGGAGCAAGAGAGGGGAAGGGGGGAAGGGGAAGGAAGGAAA AGGCCGGGGAAGGTTAAAAGGGGGGAAAACCAAAAAAAACCAAGGGGAAG GAAAAGGAACCGGAAAAGGGGCCGGAAAACCAAGGAAGGGGAAGGGGAAC CAAAAAAAACCGGCCAAGGAAGGAAGGGGAAGGGGGGGGAAGGGGAACCG GAACCCCGGGGAAAAGGAAGGCCAACCGCCACAAAAAAGAAGGGAGGAAC CAAAAACGGGGGGGGAAAAAAGGAAAACCGGGGGGGGAGGAAAGGAAGG G G G GAGCAAGGGAAAAAGCCGAAAAAGGAAAGGGGGAAAAGGCCAAGGGG AA GAAACAGAAAGGGGAATACCGGGGGGCCAAAAGGAAGGAAGGGGAAGG GGAAGGAGCAGGAGAGCCATGGCAAAAGGAGACAAAAGGGAAAAAAGAGA GGAGAAAGAAAAGGTAGGGGGGGAAAAAAAGAAAACAAAAAGGGAAGAGA CCAGAGAAAACCGGAGGGGACCAGACGGCCGAGGCGACGGAGCAAGAAGG

CCAGCCGAAAGAAACCGGAAGGAAGGAGGAAGGACAGGAAAAAGGGGGCC AGGGAGGGAAAAGGAGGGGAGAGGAAGGGAGAGGAAGAACAAAGAATAAA GGAAGGAGAGAGAAGGAGGGAGCAGGGGAAGGGGGGAGGGGGGAGGAAA AAAGGAAAAAAGGAACCGGGGAGAAGGGGGGGAGGGGGGAGGGGACCGG GGGGAAGGGGGACAGAAACCACGGAAGGAGGGCCGGGGCCAAAAAAGGG GGGGGGGTAGGGGCAAGCCAAAAAAGGAACCCAGGAGGGAGCCAAGGGG GGAGAAAAAACCAGAGAGAAAAGAAGGAAACCAAAAGGAACCGGGGAAAA AA GAAGAACAGGAAGGCCGGGGGAACGAAAGGGGCCGGGAGAGGAAGGG GGGGGAAAAGGGGAACAACGGAGAAGAGACCAAGGAGAGAGGGAGGGGG GGAAAAAAGAGGACGAACGACCCACAAAAAGAAAAAGGCCGAGAGAGGGG AAGGGACAGAAAAAGAAGGGAAGGGGAAGGGGAGACAAGGAGAGAGGAA GAAAGACGCAGGAGGAAAAAGAACCAGGAGGAAACGGGGGGAAGAACGGA GAGGGGGCAAGCCAAAGAAGAAGAAAAAAAAAAAAGGGAGAACGGAAGGG GAAAAAAAAAAGACCAGAGGGCCACAAGGAGCCAAGGGGAAGGGGGAGAA CGGCCAAGAAAACAACAGAGGGACCAAAAGGGAGGGGGGAAAAGGGAGAC CAAGGGGGAGGGAGAAGGGACGGGGAACAAAAACCCAAGGACAGGAACCA CAGCCGGGGGGGGGGAAAAAAAAAAAAAGCAGGGGACAGAAGGGAAAAAA GGAGGGGAAAAGGCCCACCACGGCCAGAGGAAAGGAAAGAAAAAGGAAGC GGGAAGGGAGGAAAACCGGGGAACAGGGGAAAAGGCCAGAAGGAACCGGA AAACCGGAGGGAGGAAGGGAGGGCCAGGGAAAGGAGGAAAGAGCAAAAGA AA $\operatorname{la}$ AACGAGGGAGGGGGCCAGGGGACGAAGAGAGAAGACCGAAAAAAAG GAAGGAGAGGGGGGGGGAAGAGAGGGAAAGGAGGGTTGGATGAAGGAGA GAGAAACCAGGAAGAGGAGAAGAAAAAAAGGGAGAACCGAAGGACAGAAG GGGAGGCAAGGAGGAAAAGGCCAAAAAGAGAGCCGGGGAGCAGGAAAAGG GATTAAAAGGAAAAGGAGAGGGGGAGAGAGAAGAAGGGGGGAGGCCAACC GAGAGAGAAGAGCCAGCGAAAAGGGACAGGCATAGGGGGAAAAGACAGCA GGGGGGGGGAAGAAGGACAAGGAAGAGGGGGGAAGGAAGGGGGAAGCAC CGAGGGAGGGGGGACAAAAGGAAAGAGCAAAGACCAAAAGAAGGAGGACG GGGAAAGGGGAGAGAGAAAAAAAAAAACCGGAAAGGGAGGGGAAGCAGGG AA GGAAAAAAAGGGGGGCCGGGGAAAGGGGGCCCCAGGGGGAAGAAGGA GAGGGAGGTAGGGGCCGAAAAAGAGGGGAAGGAACAAGGAGGAAGGAGA GCCAGAGGGAAGGCCGACCCAGGGGAATTGGGGAAGGGGCCAAAAGAGAA GAGGAAGAGAAGGGGGGGGAAAAAGAAGGAAGGAAGGAAGGAAAACAGA GGGAAGAGATAGGGAGAAGGGGAAAAAAGGGGAAAAAACCGGGGAAGGAA AA G G G G G GAA $\operatorname{lag}$ GCCGGGGGAGGAAAAGGAACCAACCAAGGGGGGAAG GGGGGAGAAAAGGGGAAGGGGGGGGAAAAAAGGGGCCGGGGCCAGGGGA AAAAGGGGAAGGGAAGAAAAGGGGGGGGGGAGAGAGCGGAAAAAGACCA AACAGGGAAAAAAAAAAGGACAAGAGAGAGGAGAAGGAGAAGAAGAAAAG AAAAAGGAAGGGGAAGAGGGGGGAAAAGGGGGGAAAAAAAAGAGGGGGG GGAAGGAAGGGGCCGGGGGGAGGAACAAAGGAGGGAGAAGGGAAAGGGT TGAAGACGAGGAAAAGGACCGTAGAAGAAGGAAAAAAAGAGAGGGAAAGA GAGAGGAGAAAGGACAAAAAAAGGGAAGGAAAAAGATGACACCGGGGAAT TGGAAGGCCGGGGGACGGGCCAGCAGAGGAAAAAAGGAAGGGACCGGAAA AAGAAGAAAAAAGAAGGCCAAACGGGAAAAAGGGAGAAGCAGGAAGAACG GATGGGGAGGAAAGAAAGAGGAGGGGAGAAGAAAAGAGGAAGGAAAAGG GGCCAACCGGACAAGGGAGGGACAGGAAGGCCAGACAAAAGAAAGGAAAG AGAAAAGGAAAATTCCAAGGAAAAAAAAGGAAAAAAAAGGAAAAAAAAAAG GAACCACAAGGAGACAGGATAAAAGAGAGAAACGGGGGGGGGGAGGGGG AAAAGGGGGGGGGGACGAGGGAAGAGAAGGAAAAAAGGCCAAGGAAGAG GGGGGGACAAAGGCCAACCAAGGGGAGCCCCGGGGGAAAAAAAAAGGGGA AAAGGAAAACCCAGGAGAGGAGGATACAAGAGGCCCCAAGGAAGGCCGGG GGGAAACGAACGGGGGGAAGGAAGGCACAGGGAGGGGGGAGAAAAAGAA GGAACCAGGAAGCAAGGAGAGAGAGGGGGGAAAAGGAAGGGGAAAAAAGA AGAACCAGAGGGGGGGAAGGCAGACCGGCCAAGGCAAGGGGGAGACAGG GTTGAGGGGCAGGAAAAGGAGGAGGAAAAGAGAGAGGAGGAAGAGGGAA GGCCAAACAAGAAACCGGAAGGGGCCGGGGGGAACCGGGAGGGGGGAGA GGGAAGGGGGAGGAAGGAAAAGGAAGAAGACGGCCGAAAAGAAAACCGGA AGGAAGGGGAAAAGGGAAAACAGAAGAACAAGGAAGGGGAACCAAGGAAA GGGAAGGGGGGAAGGCCAGAGAAGGACGAGGAAGGGGGGAACCGAGGGA GGCCAGACGGCCAGGGAAGGGGAAAAGGAAAGGGCCGGCCAGCCGAAAGA GACCGAGACAGGAACCACGGAAGGCCGGCAGGGGAACCAGGGAGCAACGG

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 CAGGAGGAAGAAGGAAACCGGAAAAGGAACAGGAAGAAACCGGGGGAAGG GAAAAAAAAGGAACCGAGGAAAACCAATAGGGGGAAGGAAGAGAAGGCCA AAAAAAGAAAAACGGAGGAAAGACACATACCGGGGAAGGTTAACCACAAA GAAACAAGAGGAGGGGGGAGAAATACAGAAGAAGGGGAGGAAAGGAAGGA AGAGACCAGCACAGGGAAGAAAGAAGGAGGGAAAAGGGGGGGGGGAAGG AAAGGAAGCAAAAAAAAGGGAGAAGAGGAAAGGAAAGGGGAGGGGGAAGG AA $\operatorname{G} G \mathrm{G} G \mathrm{G} G \mathrm{G}$ GAAGGGGAAGGAAAAAAAACAGAAAAGGGAGGGGGAAAAAA G GAA $\operatorname{l}$ GGGGGGGGGATGGAATTGGAGGGAAGGAAGAAAGAGAAGACAAA AGGGGCCAAAAAGCACCAACAGAATGAAAAAATTACCAGAAAAGGAGAAG GAAAAAAAGGGAACCGGAAACGGGGCCAGTACCGGAACAGGAGGGAAAAA AGAGGAAACGAAAAACCAAGAAAAAGGAAGGAGGGAGAACCGGAAAAAAG GGGAAAAAAAAAAGGGGGGGGAACCGGGGGGGGAAAAGGAACCAAGGGG GGGGGGAAAAGGGGAAAAGGAAAAGGGGGAAGAAAGAAGGAACCGAAGA GCAAAGGTTACAGCCGACCAAAAAGGAAAAGAAAAGGGGGAAAAAAAACG G G G G G G GAAAGAGGGGGAAAAGGAAAAGAGGCAAGGGAACAAATTAACCA GCCGGGGAAAAAAAGAAGGAATAGGAAAAGGAAGAGGAAAGCCAAGGAAG GAGAGCCCAAGAAAACCAGGGGGCAACGGGGAGAACCGGGAGGAATAGGG GGGAAAAGGGAAGAGGAGGGGGGAGAGGGAGAAGGTAAAGGAAGGGGAA AACCAAAGAGACGGTTGGAGGGACGGGGGACCGAACCAGAAGCACACCCC TAAGTATTGGGAAAAGAAAAAAAGAAGGAGGGCCCCAAAAGAAGAGGGGG GGAGGAAGAAGGAAGAAACCAAAAGGAAGGAAGGCCGGGAAAGGAAGAAA CAGGCAGACCAAGGGGGGAAGGGAGGGGGGAGAAGGGGCCAAAGATGGA AAACAGACCAGAGAGGGAAAGGAGACAAAAAAAAGGGGGAGAAAAAGGAT ACCAACCAGTTAGAAAGCAGGAAAAAAGGAACCAAAAGGGGGGAAAAAAA GAAAAGGAGAAAGGGAGGACCGGAGAAAGGGGACCAAAAGAAATTGGAAA GAAGAAGCAGAGGAAAGAGAACCAGAGGGAGAGAGCCAGAGAGAGAGCAA AGGAAGGAGAAGAAGGCCAAGGAGAGGAGGGAACCAAAAGGAAACAAGAG GCACCGAAACCGGGGACAGCCCAAACAAGAGCCAGAGGGAAAGCCGAAGC CGGGGGGAGGGAGGAGGGAGGCCGAAAGGGAGGAGACAGAAAACCGGTT G GAAGGCCGGGAGAAGTAGGAAAGGGGGAGAGACAGGGAAAAAAAAAAAA AAAGAGCAAAGAAGAAAGAGGAGGGGAGGGGGAAAGACAGAGCGCAAAAA A GCCAAAAAAGGCCAAGGCCAGGGCCAGAGAGGGAAAAGGAGAGAGAAGC A GA GAGAAAGAAAAGACCAAAAGGGGCCGGAGAAGGAAAAATGAAAAACC G GAAGAAAAAAAGGCAAAGAAAAAAAGAAAACAAAAAAAAAAAAGGAAAA GGAACCCCAAGGAACAAGCCAAGGGAAAACAGAAAGCCGGAAAAAAGGCC AAGAAGACAGCAGAAAAGACAGCCAAAAGGCCGGAAAGGGGAGAGGGGAA G G G GAA G GCAAAGGAGGAAAAAAAAAAACCAAGGAAGGCCGGGGACAGAG C G G G G G A A G G A CAGGGAAAGGAGCGAACCAACAAAAAAGAGAAGGGAGCC G GAAAACAGGAAGGGGGATTGAAAAACCCCGGCCAGGAGAGAACAAAAGG AAAAAGGAAAAAAAGAGAGGGGTTAAAAAAGGGGAAGGGGAAAAGGGGAA GGCCAAGGGAGGGGGGGGGACCGGAACCAGACGGAAGGAAGGCCGGAAG GAACCGGAAAAGGAGAGGGGGAAAAAGCCGGAGAAGGAAAAAAAAAAAAG GGATTCAAAAAAAGGGGGGAAAAAAAATTGAAACCGGAAGAAAGAAAGAA GGGCCCCGGTTGGAAAAAAAAGGGGGCAGGGAAAAGGAACGCCAGGAAAG GGGGGGAAAGGAAACAAGATTAAGAGGAAGAGGGAAGGAGAGGAGAAGG AAATAGAAGGAAGGAAGACCGGAGGGAAGGGGGGGGGAACAGAGAACCAA AGCCGAGGCCGACCAAAGGGAAGGAGAACCCCGGCGGGGAGGGGGGAGG AAAACAGGGAAGAAGAAGGAAAAAAGGAAGAAAAGGGCCCAAGGGAAAAG GCCGAGGCCAAAAGGCCGGAAAATTGGAGCGAAGGCAAAAAAAAACCCCA AGGGGAACGGGAACCAATTAAAAACAGAAAGAAGAGGAACAGAGAGAAGG G G G G G A GCCGGGGGAAAGGAAGAGGCAGGAAAAAAGGGGAGGAGAAAGA G GAAAGCCAAGGGGAGAACACCGGGGCCAGAAAGAGGAGGGGAGGAGACA G GAAAAGGAAAGCCAAAAAGCCAGAGAGTTAAGGAAGGGGGGCGAAGGGA AGAAAAGGACAAGGGGAGGGAAGAGAAGAAGGAGGCGGCAAGAGGGAGA GCCAAAAGGGGAAAAGGGGGGGGAAGGAAAAGGGGCCAAGGGGAAAAAAC CAAAAAAGGGGAAGGAAGGGGAAAAGGCCGGGGCCGGAAGGGGAAAAAAG GAAGGGGGGAAGGAAAAGGGGGGAAGGAAGGGGAAGGGGAGAAGACCCC AAAGAGAAGGGGCCAAAGTAAAGGAAGAAAGGTTCCGGACGGAGGGAAGG AA $\operatorname{A}$ GAAGGGGGGGGGGAAAAGGGGGAAAAGAGAAGGAAGGAGTAAAGAG GGAGAGAAGGGACAAGAAATTGGAGGAAAGGAAGGAAGGGGAAAAAGAAG

G G G G GCCAGCCTTGAGGGGGGAGAAAAGGAAGACCGGAGGGCCGGAACC AGGAGAGAAAAAAAGAGGCCGAGAACGAGAAAAAGGAATTCCCAGGAACC AAACGGAGAGGACCAAAAGGGGCCAAGGGAGGGGCAGAGAGAAACCTTAA AGGAAGAGGGGGGGGGAGGGAAGGAACCAAAAGGAAGAAACCCCAACAGG AGAAAAAGAGAACCAACACAAGGACAAAGAACCAGGGAAAGGGGAAGCAA G GAA G G G GAGAGGAGAGGGGGAAAAAGAAGAGGAGGAACCAAGGAAACG GAGGGCCAGACAGGGAAGGGGACAGACGACCAAGAAAGGACGGGGGGAG AACCAAGGCCCAGGCCAAAAGGAAAAGGCCAAAAGGAAGACCAGGGAGAA AA $\operatorname{G} \operatorname{GAAA} \mathrm{A}$ GGAAGGGAAAGGCAAGGGGAGAAGAGAGGGAGGGGAGGGAG GCCGACCGGAGGGGGGGGACCGAGGGGGAGGGGCCAGAACAAGAGGACA AGGAAAAAAGGGGGCCAACCCCCCGGGAAAAAAAAGGGAAAAAGAGGAGG CAAGAAAAGGGGGGCCGGGAACAAAGAGGGGAAGAGAAAAGGAAAAGGGG AAAAAAGGGGGGGGCCAAGGAAGGGGGGGAGAGGAGAGAAAGAAGAGGG AAAAAAAGGGGAAAAAAAAGACCCCAAGGGGAAGGAGAGCAAAAGCCGAG GGGAAGGGGCAAAAAGGGGGGAAGGAGAGAAAAGGGAAACCGAAAAAAAG AGGCCAGGAAAAGGGCCGGAGAAAAAGAAGGGAAACCAGGGAGGAGGAAG GAGCCGAAAGGCCGAGAAGGGGAAAGAGAGGCCAGGGCGAAGGGGGGGG AGCCAGGGAAAAAAGGGGGGAGGGGGGGGGAGGGCCAAAAGGAAAAAAA GAAGACCGAAAAGAAAGGAAGCGGAACCCGGAAAAGGAAAGACGGGGACA AGGAGGACCAGCCAGGGGAGAAGACGGGAAGCCGGGGGGAAAACCGGAA
 G G G G G A A G G G G GCAGGAACCAACAAAGGAAAGGGGGGAAAGGAAGGAGA AA $\operatorname{GAGGGCAAAAAAGGGAAAGAGAAGAGAGGGAGAGGAGGGGGAAAGAAC}$ A G G GCGGGGGGAAAAGGAGGGGGAACCAGAGAGGGGGAAGGCCAGATGG GACCAAAAAAGAGGGAAAGGGAAGAAGGAAGAAGGAAAAAAAAACAGGAG GGGGAGAAAAGAAGGAGGGGAAAGAGGGAGAGCCAGCCCCAAAAAAGGAG AAGGCAAAGGGGAAAAAAAAAGAGAGGACCAGGAAAGGGGAAGAGGCCAA AAGGAAAAAAAAAAAAAAAACAGGAAGGAAAGAGGGGGGGGGGGAAGGAG GGCAAGCCAGGGCCAAAACCGAAGAAGGAAAAGGGAAAAGAACCAAGGCC AAGAAAAACCAAAAAAAAAAGAGGAAGAGGGGAGAAGAGGGAAAGAAGGG GAAACCAAAAAAGGCCGGCCAGGAAGAAGGAGGAAAAAGGAAGGGGGGAC GAGGAGAAGAAACCAAAAGGGGAGGAAAAAGGACGAGAAAGAGAGAAGAA G G G G G GCCCCGGGAAAGGGGGGAACGAGAGACAGGAAAAAGGAGGGAAG G G ACAGGAAGGAAGGGAAAAGGGCCGAAGGGGGGAGAGAGAAAAGCAAG GAAAGGGGGGAAGGAAGGAAAGCAGGAAACAAAAGGGACCAAGAAAGGAG AGCAGGGGGAAAAACCAAAGAAGGGGGGAAAAAACCTTAAGGCCAAGGGG G GAAAAGGAAGGAAAAAAGGGGGGGGAAAAGGGGAAGGAAGGGGGGAAG GAAAAAAGGAAGGGGGGGGGGGGGGAAAAGGAAAAGGGGGGGGAACCAA AAGGAACCAAAAAACCGGGGAAGGAAAAAAAAGGAAAAAAGGAAAACCAA AAAAGGAAGGAAAAAAGGGGAAAAGGAAGGAAAAAAGGAAGGCCGGGGAA AAAAGGAAGGAAAAAAAAAAAAAAAAAAGGGGGGGGTTGGCCAACCGGCC AAAAAAGGGGGGGGAAAAAAAAGGGGAAGGAAGGCCCCAAAACCAAAAGG GGAAGGAAAAAAGGAAAAAAAAGGAAGGAAAAGGAAAAAAAACCGGGGCC GGAAAACCAAAAGGCCCCCCAACCGGGGAAAAAAAAGGGGGGCCAAAAAA GGAAGGAAAAGGAAGGAAGGCCGGAAGGGGGAGCAGGGGGGAGGCAAAA
 G GAA G G G GAAGGGGGGCCGGAAAAGGAACCAAAAGGAACCAAGGGGGGG GCCGGGGGGCCAAAAAAAAGGAACCAAAACCAAAAAAAAGGGGAAGGGGG
 G GAAAAGGGGAAAAAAGGAAAAGGGGAAAAGGCCGGGGGGAAAAAAAAAA AAAAAAGGAAAAGGGGAAGGGGGGGGGGAAGGGGGGGGTTAAGGAAAAA A G G G G G G G GAACCAAAAGGAACCGGGGCCGGCCAAGGGGAAGGGGAAGG GGAAGGCCAACCCCAAAAGGCCCCGGGGAAAACCCCAAGGGGGGAAAATT G G AA G GAA G G G G AA G GAA G GAAGGGGGGCCAAAAGGGGCCAAGGGGAAA A G G G G G GAAAA $A \operatorname{GGGAAGGAAGGGGAAAAAACCGGGGGGGGGGAAGGAA}$ G GAA $\operatorname{l}$ GGGGGAACCGGAAGGAAAAGGAAGGGGGGGGGGGGGGTTAAGGA AAACCAAAAAAGGGGAAGGGGAAGGAAAACCAAAAGGAAAAGGAAAAAAG GAACCTTAATTGGAAGGAAAAAAGGAAAAAAAAGGGGGGGGAAGGAAAAA AGGGGGGGGGGAACCAAGGGGAAGGGGCCAAAACCGGGGTTAAGGGGAA AACCAAAACCGGGGGGAAAAAAGGAAAAGGGGCCAAAAAAAAAAAAAAGG CCCCAACCAAAAGGAAGGAAAAGGAAAAAAGGAAGGAAGGAACCGGGGAA

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CAAGGAGAAGGCGGGAGAAGGAAAAAAGGAAAAGGGGAAGGGGGGCCAAA ACCGGGAGGGACCGGAGAAAAAAGGGGCCGGCCTAAAAAAAAAGGAAGGA GAGAGGGGAAAAGGGGGGGGGAAAAGAGAGGGGACAGGGCCAAGGCCAG CAAAAGCCACAAAAGGGGAAAGGGGGAAGGGAAGAAGGCCGGAAGGGGG GAGAGGAGGTTAGGGAAGAGGGGCAAAACAAAAAGAGAACCAAGGGGGGG GGAAAAACCGGGAAGAGGGAGAAAAGGAAGAGGAGAAGAGGAGAAGAAGA AAACCGGGGAAAAAAAAGGGGGCAGAGGAAAGGAAGGCCAAAAGAGAAAA AAA $\operatorname{l}$ GGGCCGAAAAAGAGAACAAGGGACAGAGGGGGGGGAGAAGGAACCC C G G G GAA $\ln$ GAAAAGGGGGGGGGACCGGGGAAGGAAGGGAGGAAAGGGCA AAAAAAGGAAAAAGAACCGGGAAAAGAGGAGGAGAAAAGGGGGGAGAGAA ACGAGGAAAAGAGACCAAGGGGAAAAAATAAGACACATGAAGGAACGAGG AA G GCAGAAGGAAAGAGGGGAAAAGAGAGGGGGGGGCAGGGGAAAGAAG GAAGAGACAAAGGGGAAAAGGAATTCCACAGAGAACAAACCAACCAGCGG GGAAAAGAAGGGGAAAACCCCAAAGGGAACCCCGGAACCGGAAAAAGAAG GAGAGGAGGGGGGGGAAGGAGGGAAGGGGAAAAGGGGGGAAGGGGCCAA G G G G G G G GCCGAGGAAGGAAGAAAGGGGGGAAGGGCTTCCAGGAGGAAA GCAAACCCCGGAAAGGAGGGGCCAACCGAGGGGGGGGGGAGTAAGAAGG AGAAGAAAAAAAGGAGGGAAAAAGAGGGAAAGTTGAAACAGAAAAGAAGA AGAAGGAAGGACAGGGGGAGACGGGGAAAAAGCCCAAAGGGAAGAACCGG CCGAAAGGCCAACCGGGGAAGGGGCCGAAGGAGGGGGGGACCGGGGGGG AGGAGCAAAGGAGAAGAAAGACCGGGGCAGGGGGGGGAACGCAAAAGGG AA G GCCAGGGAAAAGAGGGAAGAGAGAGGGAGAAGGAGGGGGGGAGGAT TAAGGAACCGGAAGGCCGGGGCCGGGAGGGAAGAGAGGAGAGGAAGGGA AA G GCCGGAAAGAAGAGAACCAAGAAACAAAAAGAAGGAGAAGGGGGAAG CCGGAAAGAAGGGGGGAAAAAGCAGGAAAACAAACCAGAGAGGGGGCCAA A G A G A GAAA G G G G GAAAAAAGGGGAAGGAGAAAGGGAGAGAGAGGGAAG GAAGGAAGGGGAAGGGGAAGGGGGGAAAAGGCCAAAAAAGGGAAGAAAA GGCAGGAGGAATCCAAGAGGAAAAAAAGAGGGGGAAAAGGGGGGAAAAGG AGCCAAAAAAGGGGAAGGAAGCAAGGAAAGGGAGAAGGGAGGAGGGGGC AAAAAAAAGGAAAGGAAAAGGGGGGAAGATTAACCAAAAGGCAATACAAC CAACAAAAAAGAACAGGGAGGAAACAATTAGAGAGAAGGGAGAGGCCGGG GGGAAAAGGGAGGAAAAGGAAGGAGAGGAAAGAGAGGAGGAAGGGGAGA AACAGGGGGGAGGAGAGAAGCCAAAGGGAAAAAAAGAAAAAAGGACAGGG GACGCCAGGAGAGGAGAGAGAGCAGGAGGGGAGGGGGGGGAAGGGGAAA AA $\operatorname{A} G \mathrm{GCC}$ GGCCGAGGGAGGACGAGCAGAGAGAGAAAGGGAAGGGGAAAA AAAAGGGGAAGAGGAGGGAAAGGGGGGGGGACGGAGGAAAGGAGAGGGC ACCGGAGGGGGAAGGGAGAAAGGCCGGCCGGGAAACCGGGGCCGGAGAA
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 A G G A A G G G G G G CCGGAAGGGGGGGGGGGGGGAAGGAAAAGGAAAAGGAA AACCGGGGGGGGCCGGGGCCGGGGGGCCAAGGGGAAAAGGAAAACCAAT TGGAAAAAAGGGGGGGGAAGGAAAAAAGGGGAAGGCCAAAAAAGGAACCA AAAGGAACCGGAAAAAAGGGGGGGGAAGGAAGGGGAAAACCCCGGAAAAA AGGGGGGGGAAAAAAAAGGGGGGGGAAAAAAGGAAGGAAAAAAGGAAGG GGGGGGAAAAGGCCAAGGGGGGCCGGAAAACCGGAAGGAAAAGGAAGGA AGGAAGGGGAAGGAACCAAGGAACCAAAAAAAACCGGAAGGAAGGGGAAA ATTGGAAAAGGAACCAAAAAAAACCAAGGGGAAGGGGCCAAGGAAGGGGA AGGAAGGAAGGAAGGAAAAGGAACCGGAAGGAAAAAAAACCAACCAAAAA AAAAAAAAAGGAAGGAAGGAAAAGGAAGGGGGGAACCAAGGAAGGGGAAA

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 A GAGGAGGACACGGGGAGGAGAACGAAGGAAGGGAAGGCCGGAAGGGGA ACGGGCCAAGGCCGGCCCCGGGGAGGGGGGGAAGACCGAAGGAAGGGGG AAGGACAGGAGGAAAAAGAACAAAACAAGCTACCGAAAGAGAAGACAAGG AA $\operatorname{GGGG} \operatorname{GAAAGGGCCAACCAGAGAAAGACCCCCGAGGGAAAACGGGGGAGG}$ AGGGCCGGCCACAAAAACGGAAGGACAAAAAAGGAAGGGGGGGGGGCCAA CCAAAGATAAAGAGAAGAAAAAACCAAGAAGAAGAGACACAGGGCCAAGA AGGAGGGGGGAAAAAACCGGCCGGAGGGAAGGAAAGAAAACCAGGGGGA GGGGGGAAGAAGAAAAAAAGAGGAGGGAAGAAAACAAGGGAGAAAAAAAG GTAAAAGAACCGGGGAGAAAGGAGGCAAAAGAAAAAAAAAAAACAAAAAA AAATTCAAGGAGAGAAAGAAGGAGGGGAAAATAGGAGGAAAGGGGAAAAA GGGAAAACCTACCAGGCAAACACAAGGAGAAAAGGGGCCTTGGGGGACCG AAGAACCCAAGAGAGAGAAACAAGAAAAAAACCAAAAAAAGAGAAGAGGA AAACGAAGGAGGAAAAAGGCCAAGGAACCAAGACCACAAGGAAAAGGGGG ACAGAGGAGAAAGAAGGGAAAGGCACCAAAAAAACGAGGGGAGGGGGACA G G G A GAA G G G GAAAAAGAAAAGGAAAACCGACCAAGGGGGGAGAGCCGGA GAGGGCCAGAGGAGAGAGGAAAAAGAAACGGAATAACGGACGAAGGGGGG AGGAAGGGGAAAAGGAACCAAGGGGGGACAAGGAGAGAGAAGAGAGAGA GGCCCCAAAGGGAAAAGGGGGGAACCAAAAAAAAAAGAGAGACCGGCCAA AA G G GAAAGAGGCAGGAGCAAGGGCACCGGAGAGAAAGAGAGAAAAAAGA G G A G G GCCAA G GAGAAGGGGGGGAGGGGAAAACCAAGGAGAAGAGAAAA CGGCAAGGGAGCCGGAAGAAAAAGAAGAGAGGGAAGAGAGGGGACGGGG AGAAAAAGAAAACCAAGGGGAAAAGGGAGGGGGGGGAAGGGAGAAAAGAA GGAAGGCCACAAGAAAAGGAGGCACCGGAGCCGGAAAAGAGAAAGAAAAA AACCGACGCAGGGGAAGAGGGAGGGGGGCCGGCCGAAAGGAAAAAAAAAG AA $\operatorname{A} A A A A A C C G G G G A T A G A G A A G G C C G G G G A A G G C C A A A A G A A A A G G G G G$ AAGGCCGAGAGGAGAGCACCGGCCGGAGAAGGAAGGAAAAAGAAAGAAAA G GCCAGAGAGACGAGGCAAACCAAGGAGGCAGGGGGAGGGAAAAGAAAGA AGAGACAAAAAAAACCAGAGGAAAGGAGAGGGAAAAGCAGGGAAGGAACC ACGAAACAGAAGGGCCGGAAGGAAGGGGCCGGGGAAAAAGGAAAAAAGAG AGGGAGGGAAGGAAGAAAGGAGAGACCCGGGACAAGGACCAAGGGAAAAA G GCCGGTTGAACGGAAAACCCCAACCGGAAGGAACCGGAGGGAGGAGGGG G G CCGGGGGGGAGGGAAAAGAGACAGAAGGGGAGAAAAGGGGAAGGAAG GCCGGGAGGCAAAGGGGGAGACCGAAGGGCAGAGGGAAAAAGGAAGGGA CAGGAAAGGGAAAAGGGGAAAGGGGAAAGGGGAAAAAAGGGGAAAAGGAA G G A G G G AAA G GAGACAGGAAAGGAAGACGCGGGGAAGGCCAAAAAAGAGG GGAAGAGAAAGAGAGGCCAAAGCCGGGAGGAAGGCCAAAGCACCGGAGAG AA $\operatorname{l}$ GAAGGGGGGGAAGCCACAAGGGGGGGGAAGGGGGGGAGGAAGGCCA AAAAACAAAGAGGAAGGAGAAGGAAGGCCAAAAGGGGAAAAGAGGAAGGA AGACCGGAGAGGAACGAGAGGCAAGGAGAAAAAAAAAGGAGAAACGCCCG

GAAAAGGAAGGAAAAAAGGAAGGGGAAGGGGAAAGGAGAGAAGAGCCGAG GAAGGGGGAAGAAACAAGCGGAAGGAACCGGAAAAAAGGGGGGACGACAG GAAAAAAGGGAAGAGGGAGAGCCAGAAAAGGGGACGACCGGAACCAAAAG GGGAGGGGGGGGAAAACCCCACCGGGGACGGAGAGAAAGAACCAAGGGAC GCAGAGGGGAACCGAAGGGGGAAGGAAGGACGACCACAGAGGGGGGGGG AAGGGGAGAGGAAGCCAGAGGGAGGAACAGGGGAAAAACAGAGAAAGAGA AAGAAAGAGAGAAACCAACCGGCACAGGGGAAAGAGGGAAGGAGCCGAAC GGGAGGAAAAAACAAAAACAAAAAAAGGAAACGAAGAAGGCGGAGGAAAG AGACGAAGGGGGAGGGAGGGGGGGGGCAGGAAGAGACACCGGGCGGAAG GAAAAGGCCGGTTGAAAAAGGAAGAAGGAAGAACCGAGGAGCAAGAGAAG GGAAGAGGGGGGAAAGGCCGGAACCGGCCAAGGCCAAGGAAGGGAAAAAA AACAGGGGAGGAGAGGGCAAGAACCCCGGAGGCAAGGGGGGGGCCGGAA GGAAGGAAAAAACCAAAAGGAAAAGGGGAAGGCCAAAAAAAAAAGGAAAA GGAAAAAACCCCGGGGGGGGCCCCGGAAAAAAGGGGAAGGGGGGGGAAG GAAAAGGAAAAAAAAGGAAAAAACCAAAAAAAAGGGGCCAACCAAAAGGA AGGAAGGGGGGAAGGAAGGAAAAAAAAAAAAGGAAAAAAAAAAAAGGAAG GAACCGGTTAAGGCCAAAAAAGGGGAACCAACCAAAAGGGGAACCGGAAG GCCGGGGAAAACCAAAAAAGGAAAAGGGGCCAAAAGGCCCCCCCCGGAAA AGGGGAACCGGGGAAGGGGAAAAGGAAGGAACCAAGGGGAAAAAAAAGGG GGGAAAAAAGGCCCCGGAAAAGGCCAAAAAACCGGAATTAAAAAAGGGGG GAAGGAAGGAAGGCCGGGGAAAACCAAGGGGGGAAGGGGAACCGGAACCA AAAGGGGAAAAGGAAGGGGGGAAAAAAAAGGCCAAGGCCCCGGAAGGAAG GAAAAGGAATTAAGGCCGGGGAAGGGGGGAAGGAAGGGGAACCGGAAGG GGGGCCAAGGAAGGAAGGAAGGGGAAGGGGAAAAGGGGGGGGAAGGGGC CGGAAAAAACCGGAAGGGGGGAAGGTTGGGGGGGGAAAACCGGGGAAAA GGGGAACCAAGGGGGGCCCCCCGGAAAAAAGAAAAACCAAAACCAGGAGG GGGGAAGGACGGGGGGAACCGGAACCCCCCGGGAGAGAACAGAAGAAAGG AAGGGGAAAAAAAGCGAAGGACAACCAAAAGGGAGGAAGAGAGGCAAAAA CCGGCCGGGAGGAAAAGGAGCCAGAAAACACAGGGAGGAAGGAAGGCCAA AAGGAAGGGGGGAAGGGAGAGAAGAAGGAACCGGAAAAAAACGAAGAGTA AAAGAGAGACGGAAAAAGCCGGACAGAGGGGGAAGGGGGGAAACGGGGG GGGGGAGGGAAGAAAAATTAAACGGAAAGAAGGGAGGACGGAAGGGGGG GAAAAAGGAAAAGGCCAAAAGGGGGGGGGGGGGAAGAGGGACAACAAAG GGGAGCCGGAAGGGGCAGGAGAAGGCCGGAAGGAAAAAAAAAAGGAAAAA AAAAACCGGGGGGCCAAGGGGAAAAGGGGAAAAAAGGGGGGGGAACCGG AAAAGGAAAAGGGGAAGGGGAACCAAGGAAAAGGGGAAGGAAGGGGGGG GAAAAGGGGAAGGAAAACCGGAAGGAAGGGGAAAAAAAAAAGGGGGGAAG GAAAAAAGGAGAGGGAGAGCCCAGGAAGGAAACCCAAGGACGGGGGAGGG AGGAAAAAAGGTTGGAAGGAAGGGGCCGGGGGGCCGGGGAAGGCCAAGG AA GGAAGGAAAAAACCCCGGGGGGGGAAAACCAAAAGGAAGGAAGGAAGG AA G GAGGGAAGGCCGGAAAAAACCAAAAGGAAAAAACCAACCGGAAAAGA GGGGAAAAAAGGAAGGGGCCGGGGGGAAAAGGGGGGAGAGAAACGAAGA CAGAGAACCAGAACCGGAGAAGGGGAGCCAGGGGGGAGGACGGGGGGAG GAAAAAAAGGGGGGAACAAAAAGGAATTGGGAGAAAAAAGAGCCAAAAAA AAAAGGGGAAGGGGAAAAAGGGGGGGAGAAGAAAGGAAAAAAGGGGAAG GCCGAAAAGGAGGCCAAAAAAGGAAGGAAAACCCCAACCGAGGAACCAAA GGGGAAAAACCGGGGGGAAAAAAGAGAGGAGCAAGGAAGAAGACCGGGGA ACCAAGGAACAGGAAAAGACCGAAGCCGAGGAAGGCCGACCCAGGGAGGG AGAGAAAGAGGAAAAAAGGAAAAAACAGAAGAGGAGGAAAAGGGGACCAG GAAAAAAAAAAAAAACAGGGACCAGGAAAGGCCGGAAACGAAGGGAAGGA AGGGGGAGGAAGGGAGGAAGAGGGAAAGAGACCAGAAAAAAAGGGAGACA AAAGAGGGAAAGAGGAAAAGAAAGGAGGACGAAAAAAGGGAGAGGAACGA GAAAAGGGAGAAAAAAGAGGAGGCCCAGGGGGGGGAGGAGGAAGGGGCC GAGAAGGAAACCAACAAGCAAAAGAAGGGGGGGGAGAACAGAAGGGAAAA GAGGAACAAAGGAAAGAGAGGAGAGGGGGAGAAGGAGAGACACCGAGAAC AGACCAAAAAAAGAGGAGGGAGACGAAGAAGGAGGGGGAAAGGGAAGGAG GGAGAAGGGACCCCAAGGAAAAAAGGAAGGGGGGCCAAGGGGGAAAAGAG AGCACCGGGGGGGGAGAAGGCCGGAAGAGAAAAAAAAGGGGACCGGGGC A GGGAGAAAGGGGAAGGGGGGAAAGGAAACCAACACAAGGGGGGGAAAA GGGGAAAAGGGGAAGAAAGGAAGGGGGGAAAGAAGGAAGGAAAACCAACC GGGGGAAGACAGGAGAAGGAAAGGGGAAAAGAAGGGAAAACCAAGGGGAA

AA $\operatorname{l}$ GGGAAAAGGGGAACCAAGGGGGGAGGGGAAGGGAAGGAGGGAAAAG GCCAAGAGGGGAGACAGGGAGAGGAGGAAAAAAACACAAAAGGAGAGAGA GGAGGCAGGGGGGCCGGGGGGGGAAAAGGGGGGAGGGGGGAAAAAGGGG AAAAAGGGGGAAAAAGAGGAAGAAAGAGGGGGGGAAAACCCCGAGGGGG GAAACGAACAGGGGGGACCCCAAAAAAGGGAAAGGCCGAAAAGGGAAAAG GGGAGCCGAGGAGAGAACCGGCAGAACGAAGCCGAAACAGGGGTTGGGG GAGGCCGGAGCCACGGAAGAAGCCAAGAAAAAACAGGGGGGGACGAAAAA GGGGGGGGAAGGAAAACCGAAAGAGGAAGGGGAAAAGGCCAAAAGGGAG GGGAGAAAAAAGGGAACGAGGGGAGAGGGAGCCAAGGGAGGGGAAAGGG GAACGAAGAGGGAGGAAGGGAACCCCGGGGAACCGGGGGGGGAAAAACG AACGGGAAAAAAAAACACCAGAAACAGAGAAAGGGGGCCAGACAAAAGGG GACGAACAAAAAGAAAACCGGGGCCGAGAGACCGGAAAAAAAAAACCAAA AGGAAAGGGAAAGAGAAAGCAAGGAGAAGGGGAGGGAAGGAAGGGGAGG AGAAAAGGGGGGAAGAAAGGAAGGCAAAGGGGAGAAAAAGCCAAGGACAA GGAACCAACCAGGGAAGAGAGACAAGAGGGAAGGAAAGAGAAGAGGGGAA GGGACAGAAGAAAGAACAGAAAGGCCAGGGAAGGAGATAGACAGAAACAA GGGGAGGGGGAAGAGGGGGGAAAGGGGAAGGAAAAGGGGAAGAGACAAA AGGGGGGAAGGAACCAAAAGGGCAAGGGGACGGACGAGGGCGAAGACGG CCCAAAACAAGGAAAAGGGGGAGGAGAAGAGGGGACAAGGAAGGAAGACC AGAAGGAGCCAAGGCAAGACCAAAGGGGCCGGGGAAAAAAGAGGGAAAGA GAAGAAAGGGAGCAGGAGGACAAGGGAAGAAGCCGGGGAACCGAAGAAGG AAAAAGAAAAAGGAACGCGCGGAAACACAAGGAAAAGGAGGGGGGGAAAA GACCAGAGGGAAAAGGACAGAACCGGGAGGAAAGCGAGGAGAAGAGAGGG AA G GAA GGGGAAAAAAAGAGGAGGGAAAAAAAGAAGAGAAGGGGGAGACC AA G GAAGGGGGAGGGGAGGGACAAGGACCAGGGAAGGGAACAAGAGAAG AAGGGGAGGGAAACCGGCAGAAAAGCAGAGAAAGGCCGGGAAGGGAGAAA GGAGAAGTAGAGGAGAGAAGGAGGACCGAAGGGAGGGGAGAGGAGGGGG AGAGAGAGCAAGCAAGCAAAGAAAAGAGAAGGCAAAGGAGGAAAGAAAGG AAGGGGGGGGGCGAAAAAGGAAGGGGGGCCGAGAGGGGCGGGAAAAAAG GAAAAGGAGGGAGCCAGAGAAGGGACCAGGGAACCGGGGAAAAAAAAGGG GGGAAGGAGGGGGAAGAAAAACCAAAGAGGAAACCAGGAAAGAGGGAGAA GGAAAGGGGGGCCAAAAGGGGAAAAAAAAGGAAGGAGAAAAACAAGAGGG GGAGAAACAGGGGGGGGAACCCCAGCCGGCAAGGAAAGGCCAGACGGGG GGGGCGAGCCGGAGGGGGGGAAGGAAGAGGGGGGAAGGGAAAAAAAGGG GGGGGAGAGAAAGAAGGGGGGAAAGGAAAAGAAAAGGGGGGAAGAAACC GGGAAGAGAAGGAAGGAGACGAGGGGGGAGAGAAAGCCAGGGCAGAGGA AGGACGGGAAGGAAGGAGGAGAGGAAAGAAAAGAGGGAAAGAGAAAAAAC CAAAAAAAAGAAGGGGGAAGGGGAGGGAAAAACCCCCAAAAAAGAAAGGC CAACCAAGGAAAAAAGGAAGGCCGGGGAGACGGGGGGGGGGAAAAGGGG GAAGCCCCGAAAATAGAAAGCCAAGAAAAGAGGAGAGAGAAAGAAGAGAG CAGGGGCCGCAGAACCGGAAAAAAGGTAGGAAGGAAAAGGAGACAGGAGG ACAGCCAGAAAAGAGAGAAAAAGGCCAAAGGGAAAGACAGAAAAGGCCAA GAGGGGGGGGGAAGGGGGAAAAGGCCGGAAGGAGGGGGGGGGGAGGCCA AGGAGCCAGGGAGGGGGAGGGCAAGACAGGAGGGGCCGGAGGGGGCCCC ACAAAAAACCACACGAGAGAGGAAAAAAAAAAGGAGAGAAGGGGGGCCGA ACGGAAAAGAGGAAGGACGGGAGGAAAGCCGGAAGGCCTAAGAAGGGAAC GGCCAACAGAAAAAGAGGAAAGAAGAGGAGCAAAAAAAACGGGGCCGGGA AAAAAAGGGGAGGGGGGGAGAGAGGGGAGGGGAACCAAGAAGACAAGGA AGGTAAAGGAAAGGAAGGGAAAAAAGGGGGGAAGGAAGGGGGGAACCAAA ACCGATAACGGGGAAGAGGGAGAGAAGAGAAGGAAAAAAGACAAAAGGGA GGATTCCAGCAGGAAGGGACCCCGAGGGGAGGGAGAACCCCGGAAAAAAG ACCAAGGAGAAGAAGATACGAAGGAAGCAAAAACCAAAACCGGAGGGACG GGGAAGAAAAGAGAGGGAAAGGGCAAACCGGCCGGAAAGAGAAAAGGAAG GCACCAAAAAAGGAAGGGGGAGCGGAAGGAGAAGGCCCCAAGGGAAAAAG AGGAAAAGGAAGGGGGGAAGGAAGGGAAAAGGGAGAAGAACGAAAGGGG AAGGGAGAGAGGGGGGAAAGCCAGAGGGGAAAAAGGAAAAAACCGGAAGG AAAAGGAAGGAAAAGGAAGGAAAAAAGGGGGGGGAAGGAAGGAAAAGGAA GGGGGGCCGGGGGGTTGGGGAACCGAAAGGGAAAAAAAGGTAACAAGAG GGGGAGGGGAAAACCGGGGCCGGAGGGTTAAAAAAGGGGCCGAACCAAGA AAAAAGGACAAAATTGAAGGGGAATAACCGGACGAAAAGGGAGGGAAAGG AAAGAAAGGGGGGGGAAAAAAAAGGAAGACACAGGAAGGAAGGGGGGGG

CCGGCGCCGGGGAACAGAGGCACCAGGAAGAGGAGGGAACGGAAGGGGA AAA $A \operatorname{GGG} \operatorname{GGG} \operatorname{GAGGCCGGGGGGGGGGAAGGAAGAAAAAGGGGAGCCGGGA}$ GAAGCCGGAAACGGGGAAGAAGGGAGGAGAAGGGAAGGGAAGAAGGGGA AGGGGAAGGAACCGGGGAGGGAAGGCAAAAAGAGAAGGGAAGGCCAGAAA ACCGGGAGGAGGGAGGGGGAGAAAAAGGAGGAGGGAGAGAAGGCCAGAA AA $\operatorname{l}$ GGAGGACCACACCGGGGGGAAGGGGCCAAGACAGGAGAGAGAGAGG G GAGGAGGGGGGGCCACAACAAGGGGGAGGGAACAGGACGGCAAACCGG AA GAAGAGACAGGGAAGGGAGAAAGGAAAAGAGGAGAAGCGGAAGGGGG GGGGAGGGAAGACGAAAAGACGGGGAAAAGAGACCAGAAAAGGGGAAAGG GAAGGACGGAGAGAGGGGGGGCAAAGGAAAAGGAAACCCGAGGAAGAAAG GAAGAGGGGAACCAGAACCGAAAGGAAACCCAAGAGGAAAAGGAAGGAAA AGGAAAAGGGGGGAACCGGGGGGGGGGGGAAAAGGAACCAAAAGGAAAA G G G G G G G G G G A A G G G G G G G G G G G G G GCCAAGGCCGGAAGGCCCCAAGGA A G G G G G G G G A A A A CCAAAAGGAGGGAGCCGGGGCCAGAGAAAAGAAGGAA GGAAGGGGAACGGACAAGGAGAGGAGGAAGGGGGGGGAAAGCCGGGGAC GGGAAGGGAAAGGGAAGGAGAGAAACAGAAAAGGGGAAGGAAGGAAGGA AGGGGCCGGCAAGGAAGAAGAGGAAAAGAAAGGAAAAGAGAGGCCCCGGC AAAAAAAGGAGGGGGAGAAGGAGAAAGCAAGCCAGAGAAAGAAAAGGAGG AAAAAGAAAAAACAGCCAGCCAAAAGGACGGCCGGAAAAAAGGGGCGAAG G G AA GA GAGGGGGAGAAAAGGGGGGAACAAAGGGAAGCCAAGGAAAGGG G G G G G A G G G G AA G G G G G GAAAAAAGGAAAGAAGAAAGAGGAAAAACAGG
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G GCCAAGGGGCCGGGGGGAAGGGGGGAAAAGGAAGGAAAAAACCGGCCA AAA $\operatorname{A}$ GAAGGGGGGAAAAGGGGAAGGGGAAAAGGCCGGAAAAGGAAGGAA G G G G G G G G G G G G G GAAAAAAAAGGCAGGAGACGGAGAACCGAAAAAAGG A G GCCAAAAAAACAGCCAAAGGAGGCCAACCGAGAGGGAACGGGCACGGA AAAAAAGAGCAGAGAAGAAAAAGAAAAAAGGGAACACGGAGGAAAAAGGC AGGAGAAAAGGACAAGGGGGAGAAAGGGGAAAACAGGGGGAAAAAGAGGT TGGAAAGGAGAGGGGAGAAAGAGAAGGAAGGAAGGAGGGAGAGAAAAAAA AAAAAGGGGGGAAGGAAAACCAACCGGACAGCCGAAAGAAGCCACGGCAG AGAGGAGGAAAGGAGAAAAAAGGCCAAAGGACACCAGGGAGGGGAAGGGG CAAAGCCGGAAGAAGAGGGGGGGGAAGAGGGCAGGAAAACCGGAGGGGA GGAGAAACGGAAGGAAAAAAAGGGGGAAGAAAAAGGAAAACATTGGAAGA AGGAGGAAAAAAGGGGAAGAAAAAAGGGGAAAAGAAAGAAGAAGAGAGAG G GAAGGAAAAAAGGGAGGCCGGAAAAGGGGAAGGGGAGGAAGCAAAAAAA GACCAAAAAGGAAAAAAGGGGGGGAAGGAAGACCGACCAACCAGACAGAA GGAAACAGAAGGAAGGAAGGAACCAAACCCAGGGAAGAACGGGGAAGGAA GGGGAAGGAGGGAAAAAAGGAAGGAAGGGCCAAAAAAGAACGAAAACCGG CCAGGGAAGGGGAACCGGAAAAGGACAAGGAGAGGGAAGGGGCCACCCCC AA G GAGAAGGAAAGACAAGGGGGAGGAAGGAAAGAGGGCAGGGGGGAAA GAGGGAACCGAAAAAGGGGGGAGGGACGGAGCCGGGGAAAAGGCAAGGG AGAAGAGGGGAGAACCGGAAGGAAAAGGGAAAAAAAAAAAAAAAGGGGAC GAAGAAAAGGGGAAGGGGAAGGGGGAGAAAGAAAGAGGGAAGACCCAGAA GGGGGAAACCAGGAAGAGAGGGAGAAACAAACGGGGAAGGGGAGACGAAA AACCAAAAGGGGAAGAAAGGAAGAGGAGGAAGGGGGGAGGGGGGGGGGG GAGAAGAGGAAGGGAAAAAGGGGAAAAGGGAAAGGAAGACCGGGGAACCG GG GAAAGGAAAGGGGGGGGAGAGAAGAAAGGAACCGGGGAAGGGACCGA GAAGCCCCACGGAAGAAACCAGCCGGGGAGAAAGGGAAGGAAGGGGAGAA GGACGGGGAAGAGGCCGGAAGGAAAAGGAAAAGAGGAACCAAAAGGAAAA GAGAGGGGAACCAAAAGGGGTTAGCCGGAAAAGGAAAAGGAACCAAAAAA AGAGAGGGAAAAGGGGAAGGCCGGAACCAGAAAAGAGGACGGACGAGAGG CAAAGGAGGAGGGGAAAAGGGAAAAAAGCCCAGGAAAGGAGGAAGGAAAA AAAAAACCGAGGCCGGAAAAGAAAGGAAAAGGCCAAAAGGAAAAGAAAGG AAAAAGAACAAGGGGGGAAAGAAGCCGGGGGGGGACGGAGGAAAAAAAGG ACAAGGCCCAGGAAAACAGGAGGAGAGAAAAGAAGGTTGGGGCCCCGGGG GAAAAACAGAGAGGGGGAGGGAGGAGGAGAAAAAAAAAGCAGGAGGGGAA G G G GCA G GAAAACAGGCCGAGGAAGGGGAAGGAAGGGGAAACCCCCCCGG GACAAAAAGGAAAAAAGGAGGGTTAGACAAACAGCCAAAAGGGGGGAAAA A G G GAGGGAGAAAAGGGAGGAGAAGGGGGGAAAAAAGGGGAGGGGAGGG AAAGGAGAGGGGGTTAAACGACAAAGGACGAGGAAAGAAAGAAGGAAAGA CGGCCAAGGCCAGAGGGGGAGAGAGGAAAAAGGAAAACCTAGGAAGGAGG GGAGGAAGAGGGAACGGAAGGCCAGACGAAGAAGAGGGGGAAAAGACAAG G G G G G G A A A A A A A G GCCGGAGGGGGGGAACCGGGGCCGAAAACAGTTGG AA $\operatorname{G} G \mathrm{G}$ GAACCAAGGGGCCCCGACCGGGGAACGAGGAGAGGAAAGGGAAG GAAAAGAAATTACAGGAAGCACCGGGGAGGGAGGGCAAAGAAGACGGAGC CAAGAGGGAAACACCAAAAAAACAGGGGGAAGGCAGAAAGAAAAAAGAAG GGGAAAAAGAGGGAGAAGAGGAGGAAAGAAACAGGGGAAGGCAGAGAGA GAGAAGGAGAGGAGAACCAAGGCCAAGAACAAGGAGCACGGGAAAAGGAA GGGGAAGAGGAGAAAGGGAGAGAGGGAAGAAAGGAAAAAGCCAAAAGGG GATAGCCAAGGAAAACCCCAAGGAAAGCCAGGACAAAAGCCCCGGAAAAC CAACCACGGGGCAGGAAAAGAGGGGGGGAGGGGGGGGAGATAAAAAACAA GAAGGGGAAAGAGAAAAAAGGGGAAGGGAAAGGGGAGAAGGGAGGAAA AA $\operatorname{G} \operatorname{GGGAAAAAGGGGGGGAGAAAAGAAGAAGAGGCAAAGGGGGGCCGGC}$ CGGAAAACACCCCGGGGGGTAGGGGAGAGAACAGGGGGGGGGGGGGGAA AAAACAAAGGGGAAGAGGGGGGGGAAGGAAAAGGCCGGAAGGGGAAAAG GAAAGGGAAACGGCAGGAGAAAGAGGGACGGAAAATTAAAGGAGGGAAGA GGGAAGAGGAAGGGAAAAAAAAAAAGGGGAAGGGGAAAGAAGAGGGGGG GGGGGGAAAGGAGGAAAAGAGGAAAGGGAGGCAAAGGGAAGGGGAACCG GAACCCCGGGGAAGGAAAAAACCAAAAAGAAGAAAACAAAAGGAAGGGAA GAGAAGGCCGGAAAGACAAGGAAAGAGAAGGAGGGGAGGCCGAAGAGGG
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G G GAGAAGGAACAAAAGGAGAAAAGGGGGAAAATTAAGGACGGAAGGAGG GAAGAAAAGCAGGGGCCAAGAGAGGAAAAGGGGAAAAGGAAAAAGAGAAG GAGGAAGAAAGAAGAAAAAAAACCCGGGGGGGGGAAAACCCGAAACCGAG GTTAAAAGAGAGACCAAAAGGAACAAAAAGGGAAAAAGAGGAGAAGGGGA AAAAAAAGGGGCCAAGAAAAAAGGGAGCCGGGAGGAAAGAAAAGGAGAGA GAGAGAACCAAGAAAAGCACGAGGAGAAAAAGGAGGAGGAAGGAGAGGGA AAAGGCAAGAAGGAAAACCGGACAGAGGAGAGGAAAAAAGAGGAAAGACC AAA $A$ GGGGAAGGAGGGGAGACAACCGGCCGGGGGGGAAACGAGACGGAG GAAGAGAACGAGAAGGGGCCAGGGAGGAGGAACGCCAGAGAAAAAAGGAA GGGGGGGGAAGGAAAAAAGGGGAAAAGGGGGGCCGGGGGGGGGGGGGGA AAAGGCCAAGAAGGGAACCGGGGAAGGAAGGAAGGCCAAAAGGGGGAAAA CAAAAAAAAGGGGAAACGAACGGGGGAAAAAGGAAAGGAGGGAAAAAAAA CGAACGGAAGGGGAGAGAGAGGGAAGAGGAAAAAGAAAGGGGGGGGGAG AAAGAATTGAGAAAAAAGGGAGAAGGAAGAGGGAACAAAAAGAAGGAGGG AAAGCCGGACGAAACCGAAAGGGGGGGAAAGGGGGGCAGAAACAAGGGAA AA G GCCGAGGGGAGAAAGGGGAAGAGAAGGGGCCGAAAAAGGGAGGGGA ACCAAGGAAGACAGGGGGGAAGGAAAG
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AGAGAGAAAAGAAGCCGGGAAAAAAAGGGGGGAAAACAAACCAAAAAAAA AAACCCCCAGAGAAGGAGGGAACCGGGGGACCGAAAGAGAAGGAGGAAAG AGAAGGCAGGCCAGCAAGGGAGAGAGGGGGGGAAGGAAAGAAAGGGAGA ACGAAAGAGGGAAGAGGGGAAAACACCGAAGATGGGAAAGAGGAACAAAA AAAGGGGGAGGGAGGAGGAGGAAAAGGAAAAGGCCGGAAAAAAAAAAAAG GAAAAGGGGGGGGGAGGAGGGAAGGAAGGGGTTAGCAGACGGGAAGAAA CAGAGAAAGGGGCCGGGAAAAGGAACGACGGGGAAGCCGGCCGAGGAAG GAGAAAGGGGAACCAGGGGAGGGGGAAGAAAGAAGAAGGGAGGGGAAGG GGAGGAGGGAGAACAGGGAGAGGGGGAGGAGGAAGGGGGAAAGAAAACA ACCGAAAGGCCGGAAAAGGGGGGAAAAGGAGGGAGGAGGGGAGAGGGAA AGAGGAAGACAAGGGGAAGGGGGGAGAAGGGGGGAGAAAAGGAGAAAGG GCCAAGACCGAGGGGGAAGTTAAAGCCGGGAAAAAGGAGGGCCAAGGAAA AAAAAAGGGAACCGGAGAAAACAGACCAAGAAAGGCAAAGCAGAGAACCG GCCGGGGGAAGAGGGGGACGGAAGGAAGGCCCCAAAACCCCGGAGGGGG GGAAGGAAGGAAGAAAAAAGAAAACCGGCCACGGAACCAAAGACCCCGGG GGTTAACGGGGGCAGGGGAGACAAGGAAAAGGAGGGGGCAAAGGAGAGA AGGGAAGACCAAGGGGGGAGGCCGAGGAAGGCCAGAAGGGGACGGCAGA AAGGAAAAAACCGGCCAAACAACCGGAATTAAGGACGAGAAAGAAAGGCG GGGGAGGGGGATAAACGAAAAAGGGGGGGGGGGGAGGAGAGGATAAAGG GAAGAAGAGGGAGAGGAGAGGCACAAAGGGGAAAACCAAGGAAGAAAGAA GCCGGCAAAAAAAAAAGGAGGGAAAAACAGGAGGAGGGGCCGAGGGGAAA ACCAAAAAGACAGGAAGGGGAGAGAGGAGAGGGAAGGTAGAAGGAAAAGG GGGAAAAGATTGAAAAAGGGGGGTTAACCGGAAGGGGAAAACCGGGGGGA ACCGGAAAAAAAAGGAAGGAAAAGGAAGGAAGGGGAAGGAAAAAAGGAAG GAAGGGGGGCCGGGGAAAAAAAAGGGGGGAAAAAACCAAGGGGGGAAGG GGAAAAAAGGCAGGGGAGGGGGAAAAAAAGATGAGGAGAGAAGGAAGGAC GAAGCCCCAGAGAAAAGGGGGAAGAACCAGCAAGGGACAAGGAACCGGGG GGAGAAGGCCGGGGGGGGAAGAGGAGACGCGGGGACAAAGGGGAGGGAG GAAGGGACCCCAACCGGGGAAAAGGGGGGGGGGAAGGGGAAGGGAAGAG GAGAAAGGAAGGAACCGACCGGAGAGGGAAGAGGAAAAAAAAACCCGGGA AAAAAAGGCGAGAAAAAAAGAAGGAAAAAAGGGAAACAAAAAGGAACCCC GGAGGGAAGAAGAGGGGGAGAGCCAAAGAGAGGGAAGGGGGGGGAAGGA GGCGGGGAGGGCCGGCCAAAAGGAAAAAGGAAAGGAAGGAGAGAGCCGG AAAGGGCCGGAAGGAAGGAAAAGGAAAAGGACAAGGGACCGGAGCCGGGA GGAAGGGGGAGAAAGAGGGGGAACGAAAGAGAAACCAAAGCCGGCCAAAA GGGGGAGAGAAAAGACGGGGAAGAGAAGGGGGAGGAACGACAAAAAGGG GGAGGAGACAAAAAAGGGGGAGAAAGGAAAACAAGGGAAGGAAAAAACAA ACCGAAAAAGGAACGAAGAGAAAACCCGAAGGGAGGGAAACGGAAGGAAG GGGGAACCCGGGGAGGAAAGGGGGGAGGGAAAAAAGGGGAAGGAACGCC AAAGAGGGAGCAAAAGGGAAGGAAGAAATTGGGGAGAAAAAAAAGGAGAA GGGGAGGGACGAGGCCGAGAAAGAGGACACAGACAAGGAAGAGAGGAGCA AAGGAAAGGGGGGGGAGAGAACAGAAAAAAGGGGAAAAAGGACAAAAAGG AAAAGAAGCCAACGAGCGGGGACAAAAGGGAGAAAAAAAGAGTAAAGAAA GGTTAACCAACCGGCCAAGGAGGGAACCAGAAGGGAAAGGAAAAGGGGGG GAGGGGAAAATTAAGGAAGGAAAAGAAGAAGGAAAAGGGGAAGAACGAGG AAAGGGGGACAGAAGAGGAAGGCCGGGGGGGAGGGGAAGGGAAGGAGGA GAAAGGGCAGGAAGGAAAAAGCAGGGGAAGAGGAAGAAGGGGAGAAAAAA GGGGGGAAGAAAGAAGGGGGGAGGGCCGAACGAAGAGCCGAGGGGAAAG GGGGGGAAAAAAAAAAGGGAAAGGGGGAGGGGGGCCAAGGCCGGGAAGG GCAGGGGGGGAAAAAAACCGGCAAAAAAGGAGAGAAGGAAGAGAGGGAAA AA $\operatorname{l}$ GGGGGGGGAAAAGAGAGGGGACGGGGCCAAGGACAACACAGGCCCCA A G G G G G GAGGGGGGGAAAGGAGGAAAGACGGGGGGGGGGAGGGAAGGAA AGGGGAGAAAAACCGGCCAAAAGGAGAAAACCAGGGGGGGAAAAAACCGG GAAGGGGAGGAGAGGGAGGGGGGGCAAAGGAGAAGGGGAACACCAAAGA ACCAAAAGGGGGGAAAAGAGAGGAAGGCCAAAAAAAAAAAAGGAGAGACG GGGAAAAGGAAAAGGAAAAGAGGGGAGAGAAAAGGAACCCCGGGGAAGGA AAAGGGGGGGGGGCCGGGGAAGGAAAGGAGGAAAGGGCAAAAAAAAGAA AAAGAACAGGGAAAGGGGGGGGAGGAGAGAGAGGAGAGAAACGAGAAAAA GGGACCGAAGGGAAGAGATAAGACACATGAAGGAACGGGGAAGGCCGGAA GGAAGGAGAGAATAGAGGGGGGGGGAAAGGGAAGGGAGGGAAGAGACAA AGGGGAAAAGGAATTCCACGGGGAAAAACCCAGCCGGGGGGAAACGGAAG

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 G GAGAACGGAAGAGAGAGAGGGAAGGCAGAGAGAGGGAAAAAAGGAAAAG GAAAAAAGAACACGGGGGGGGGGGGACGAAGACACAAGGGGAAGAAAAGC A G GAAAGGGGGGGAAGGGGAAGGAAGAAGGAAACATTGAGGAAAAGGAT GAGGGGCCAGGGGGGCGGGAGAAAGGAAGGGGGGGGGAGAGAAGGAAAA GGAAAACGGAGGGAAGGAAAAGGGAAAAGAAGGAAAGAAGGAAGGAAAAC CAAACGGAACCAAGGGGAGGGGGCCAAAAAAAAAAGGGGCCGGGGAGGAG A GAA $\operatorname{A}$ GAGAGGAGGGAAAGGGGGGGGGAAGGTTCCGGGGGGAAAGAGGA CAAAAACAAGGGAGGAGGGGAGAAAGGAGGCCGGCCGAGGAAGGGGAGG GGGGGCATAAGGGATGAAAAAGGAGAGAGAAAAAACCGGAAGGAAGAAAG GGGGGAACCCCAAAGGAAAGGAACAGGAACAAGGGGGGGCCCCAAGGAAC AAAGGAAGGAAGCAGGGAAAAGGAAGGGGAGAGGAAATAGGCCGGAAAAA GGGAAGGGGAAAGAAAGCCCCGGAAGGAAAGAAGGGGAAAAAAAAAAGGA ACCGGGAGAAGAAAAGGACGAGGAAAAGGCCAAAAAAAAGGGGGGGGAAG GGGAAGGGGAAGGAAAAAAGGGGAAAAGGAACCGGGGGGGGGGGGAAAA G G G A A A A A G GAGACGAGAAGGAGGGGAAAGAAAAGGAGGAAAAGGGACAG AA G GAAAAGAGAAAGGGGAAGGGGAAGGACAAAAGGACAGGGGAACGGG GAA $\operatorname{l}$ GGGAAGGGGGAAAGGGGAGCGAGCCGGGGAGGAAGGGGGAAGGAA AA G G G G G GAAAAGAAGAAGGGGAGCAAGGGGAAAGGAAAGACGGGAAACC GGAAAAAAAAGGAAGGAAGAGGAGAAAAGAGAGAGGAAGACCAACCGGAA G G CAAAAAGAGAGAAAGAGAAAGGCCGGGGAACCAAAAGGGGAAGGGAAG G G AAAGGAGAGGAGCAGAAGAGAGCCGACCAAAAGGCCAAAAAAGGAAGG GGAAGGAAGAAAAAAACCAGAGAAAAAAAAAAGGAGGAAACCGGAGGGCC GAGAGAGGAGGAAGGGCCGGGGGAGAGGGACAAGGAGGAAGGAAGGGGA GGAAAAAAAAAGGCCGGAAAAGGAAGGGGAACCGGAGGAGAGAGGAGGAA AA G G G G G GAGGAGGGGGGGAAAAAATTAAGGAAAAAAAAGGGGGGGGAA GACAGGGGGGGGGACGAAAGAGAGCGAGAAAGGGAGAAGAAGCCAAAGAA AGGGAAGGGGGGTTACGAAAGAGGAAGGAACCCCAACCAAGGGGAAAAGG

AA $\operatorname{A} G \mathrm{G}$ GAAGGGGAGGGGAAGAAGAAGAGGGGGAAAAAAGGAAGGGGGGA ACCGGAAAAGGAAAAGGGGCCAAAACCGGGGGGCCGGAAGAAAGGGGGAA AAAAGCCGGAGAAGAGGGGACCACACAAAGAAGAGAAAAACAAACAAGGA GCCGACCGGGGCAGGAAAGGGGAGGGGCCCCCAGGAAAAGGAAGGGAGG AA $\operatorname{l}$ GGGAAGGGGGGGGGAAGAAGAGACCAAGAGAGGGGGGCCGGGGGGG GCCAAAGGAAGGAGGAAGGGGAGAAAAGGAGGGCCAAGGAAAAGGGGAAA AGGGGAAAACCAGGAAAGGGGAAGGAAAAGAGAGGGGGAAAAAGAGAGAG AAATTGGAGCCAAAAGAAGGAGAGAAAGAGGAAAAGGAAGAGAGGCCAGA CAGAAAAAGGAAACACCGAAGAAAGGGAAAGAACAGGGGAGGGGGGAAGG GGGGAAAATCAAGGACAGAAGAAAGAGGGGAGAAGGGAGGGGGCCAAAAC CGAAAGAAAGAAGGGCCGGGGAAAGGGAAGGAAAGGGAAAATTAACCCCG AGACCGAAAAGAGAAGAGATTCCACGAGGAAGGAACCTTGGGGAAAAGGA AAAGGAAGGAACCGAGGAAAGGGAAGAGAGAGAAAGGGAAAGGGGAAGGA GAAGGCCAGGGGAACGAAGAGAACCCCAACCGGGGGAAGAAAGAAAGAGA ACAAGGAAAGAGAACCCCACAGGAAGGAAAGGAGACCAAGGAAGGCCGGA AAGGGAGAGAGGAGAGGGAGGAACCAAAAACGGGGGGCCGGAAAACCAAA CGAAGCCGGAAAAAAGGAAAAACGGGGGGGGCCGGCAAATAGAAAAAAGG GAAAAGGGGCCAGGAAAGAGGGGAAGACCAGGAAGCCAAAGGGAGTTGGG GGAAAAACCGGAGGGAGAAGGAAAGAGCCGGGGCCGAGAAGAAGGAGAG GAAAGAAAGAGAGACACACAAAGGGGAAAGAGGGCAGGAGGAAAAAAAAA AGGGCAAAGGAGCCGAGGCCAGAGAACCCAAGGAAAGAAGAGAGGAAGAA AA $\operatorname{G} G \mathrm{G}$ GAAAAAAGGGGCCAAAAAGAACAAGAGGAAAGGGGAAGAGAAGAG GAAAGAGGGAAAAAAAGGAAGAGGACAAAAGGGGAGACAAAAAAGAAAAG AACCACAAAACAGAAGGGGGAAAGGACCGGGGGAAAACGGGAAGAAGGAG G G CA $\operatorname{l}$ AGGGAAGAGGGGAAAAAGGGGAGGAGGAGAGAGATGAGGACAGC
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AAGGAAGGCCAAAAGGGACAGGGGGGAAGACCGAAGAGGGGAGGACAGA GGAGGAAGGCCGGAGCCAAAAGGAAAGCACAAAAACCCCCCCAAAAAAAA CGGGAAAAAAAAAGGGGGGGATAGGGGCCGGGGGACCAGAGGGAAGGAG AGAGGGGGCCGAGACCGAGAAGAACCCCGGAAAGAAAGGAGCAACCCAGG GAAAAGAAGGGGGAGGGGAGCCGGAACCGGGGGAGAAAAAGGGGCCGGA CGGAAGGGGCGAAGGGGGCAAACGGGGAGAACAGGAAAAGGCCGGGAGA AAAGGGGGAAAAGAGGAGAAAACAGGGGGGCCGGAAAAAAAAGGAAAAAG AGAAGGGGGAAGCCGAAAGAAGGGGGGAAAGGACGGGAGGGAAAGGGAG GGAAAAGCAAAGAGGGGGGGGGGGGAAAAAGAGAAGGAAGGAGCAAAGG CCGGACACAGAACCGGGGTTGGAAAGCAGGGAAGAAGGGGACAGCCGAAG AGGAAGGAGGAAAGAAGAAAGGGGGAAAGGGGCCAACAGAAGGAGAGGG GAGAGAAGGGGAGGGGGAGGGGAGGGGGGAGAGGAAGGGGAGGAGGGAG GGAAAGAAGGGAGAGGAAGGAAAGAAAGAGAGGAAAAGAAAAGGAAAGAC AGAGCCGGCAGGGGGAGGCCAGGGAAAAAAAAAAAAGAAGAGAAAAACCC AGAGAGAGGGGGAAGGAAAACCAGAGGGGGAACCCCGGGGGGAGGGGGC AGGGGCAAGGGGGGGAAGGCCAAAAGGGGCCAAGGAAAAAAGGAAGGAAA GAGGGGGAAGGGAGGAAAAGGGACCGGGGAAGGAGCAGGCCAAAAAGGG GGAAGGAGGAGAAAAAGGGACAAAGGAGAAGACCAGGGGGGAAAGAAGAA GAAACCAAGGAAGGCAAGGGGGGGAAAAGGAAAAAAAACCAGAAGGAAAG CCGGAACCAAAGACGGGGGGAAAAAAAAGGGGGAAGAGGGAAAAGGGGGA AACCGAGAAGAGGGAAGGGGAAGGGGCAGGACAAGGAAAAGGACGGAGCC GAAAAAGGGGGAAAGAGAGCAGGAGAGAAGAAAAGGGGGGCCGGGGGGA ACCAAAGGAGAAGGAGGAGAAAGGGAGGGGACAAAGGGAGGGGCCGGGG GAGAGGGGGGGGAGGGCAAGGGAAGAGGGGGGGGAAAAGGGGGGAAGGA AAAAAAAAAAAGGAAGGAAAAAAAAGGGGAAAAGGGGAAAAAAAAGGGGA AAAGGCCCCAAAAAAAATTGGCCGGAAGGAAAGGAAACCAAGAGAAGGAG AGGAAGGAGAAGGCCGGGGGGAAGGGGGGACGAAAAACCGACCAGCAGG AAGGAAGAGGGGAAAACAAAGGGGAGCACACCCAGGAACCGAAAGGCAGG GGGGCCAACCGGGGAAGGGGAAAAAAAAAAAAGGGAGAGAAAAGGAGGGG GGGGGGCCAACGATGAACGAGGGGGAGGAGAAGGAAGGAACCAGAAAGCC GAGAAAAAAGGAAGGGAAGGCCGGAAGGGGGGGGAAAAGGCGCCAGAAG GAAAAGGAACACCAAGGAGAGAGAGATAAAGAGAATTGGACAAAAAGAAA AGAGGAAACGAGGAAAAGGGGACAAGAGGGGGAGGAGGAAGGAAGGGGG GGCCGAGGCAACGAAAGGAGAACGATACGAAAAGGAGAGAAGAAGGAAGG GGGAAAAGAGGGAAAGAGCCAGAAAAGGCCGGGGAACCAAGGGGAAGGAA AGGGAAAAGGCCATAAGAGGACGAAAGGGACCAGAAGGGAAGGAAGGAAC AAAAGGGAAGGACCAGGGGGGAGGAAAGCCAAGGAAAGGAAAAAAAGGGG GAGGCCCAGGGGAAGAAGGGGGAAGGAAGGCCGGAGAGCAAGAAAGAGG GAAAGGAGGAAAAGGAAGGGGGGGAAGAGGGGGAAGGGGAGGGGGGGGG GGAAGGACAAGGGAAAAAAAGGACGGCAAGCAAGGAAAACCAAAAGAGGG AGAGAAAAGGAAGGAAAAGGGGGGGGAACCGGAGGGAGGGGGAGAGAGG AAGAAGGGGACGGGGAAGGACGGAGAAGGAAGGCCAGAAGAGAGGAGGG AA G GAAAAGGAAGGGAAGACGAGGAAACGAACGGGGAAAAGGAAAAGCCA ACCACCGGAAGGGAGGAAAAAAGGAGGAACAAAAAAGGGGAAGGGGAAAA AAGGCCGGAGCCGGGACAAGAGACAAAGCCGGAAGGAGGGCAGGAGAACC GAAAGGGGAGGAAAACAAAAGGGAGGGGAGGGAAGGAAACGGGAGAGGA CGGGGAAAAAGGAAGGGAGGGAAAAGGAAGGAAGGGGAAGGAAAAGAGA GGAGGAGAGAGGAAGGAAAAGGCCAAAAAACCGGAAATAGAAGAGGAGGA AGTTCACCCAAAGGACAGAGAAGGGAGAAGCAAGACAAACCAAAGGGGAG AA $\operatorname{l}$ GGGGAGGGGCCGGGGAGGAAAGGAAAGAAGAGGAAGGGGAAGGGGA GAAAAAAAGGGGAGGCCGGCCAGGGGGGGGGAAAGGGAGAAGATTACGA AGGGAGAGGGGAGGAGAAGGAAACGGAGAGGGGGAGTAAAAAAAGGAAA GAAAAAAAAGGGACCAAAGGAAGCCAACCAAAGAAGGGAGAAAAAGGAGC CAGGGAAGGCCAACCAAGGAAAAGGAAGGCCAGGGAAGGCCAAGGGGGGG GGAGAGAGGCCGGGGGGGAAGACGAACAGGGCCAAAGGGGGAAGGAGGA AA G G G GAAAGGGAGAGAGCCGGGGAGAAAGAAGGGGAAAAGGGGAAACG GGGGGGAAGAGAGGGCAAGCAAGAGAAGGACGAAGGGGAAGGGAGAAGG CCGGAAAGGAAAAGGAGAAGAAAAGGAAAGGGGAGAAAAAAAGACCAAGG GGGAAGAGGGGGAAACGGAAGGAAGGAAAATTGGGGAAGGGGGGGGAAA AAAGGGGAAAAAAAAGGGGAAGGGGGGAAAAGGGGCCGGGGCCGGAACC CCAAAA G G G GAA $\operatorname{CAGGGGGGGGAAGGGGAAGAGGGAAAGGAGGGGAGGG}$

AAGAACATTCCGGGAAAGGCCGGACAAGAGAAAAGAGAGAAGGGGAGAGG GGCGGGGAGTAGGAAAAGGAACCAAAAGGGGGAAAAAAGAAGGGAAAAGG GAGAGAAGGAGGAACAAGGAACCAAACAGGGAAACAGAGGGGGAGCCAAA AGGAGAGGGGGGGGGCCAAGGGGAAGGAAGGCCAAAAGGAAGGAAAAAA AAAAAAAAAACCGGGGGGCCAGAAGAAAGAGGAATTAAAAAAGGAAAAGG AA $\operatorname{l}$ GGGAGGGGGGGGGGAAGAGACAGGGAAAAAAGGGGAAGGGAGGGAA GGAGAGGGCAGTTAAGGGGAAAACAGGGAAAGAGGGGAAAGAAAAGGGAA GGAGGGAAAAGCCAAAAGGGGAAGGGGACGGCCAAGAAAAAAGCCACGAA GAGAAAAGGAAAGAGGACAAAAGCCGGGGAAGGGAAGAAGGGAGAGAGGA AA GACGGGGGGGGGAGAAGAAGGAAAAACAGAGGGGGAGGGCCGAAAAC ACGAGGGGGAAAAGCCGGGGGGAAGGGAGAGACAGGAAAAACGAAGTAAA GGGGAGGGCCGGAAAGGGAAAGCAGGGAGGGAAAAAGAGGCCGGAAAAG AACGAGGCACCCCACAGCCAGAGAAAGAAAGGGGGGAAAACGGGGAAAAG AAGAAAAAAGGAAGGGGAAGGGGGGAAGGAAGAAGGGAAAAAAGGAACAC AAAAAGGCCAACCAAAGAAAAAAGAGGGGAGAAGAAAAAAAGGCCCCGGA AAAGGGGAGACAAAGCAAGGGACAGCAAGCACCGGAAGGCAGAGGGGAAG AGGACAAGAGGGGGGATAGAAGAAAAAGAGGGGGGGAGGGAGAGGGGGG ATGAGGGGGGGGAACCGGGGGGGGAAGAGGAAAGAAGGAGAGGAGAAAG GCCTTAAGAGAAGGAAAGGGAGGGAATAAAACCAAAGAGGGGGGGAAGGA AGGAAAAAACCGGGGAACCGGAAAACCCCAAGGGGAACCAAAAAAAAAAA AGGAAGGAAAACCAAAAGGAACCAAAAAAGGAACCAAGGGGAAGGGGAAC CGGCCAACCAAGGGGAAAAAAAAGGGGGAGGGGGGAAAACCGGAACCAAA AAAAAGGGGCCGGCCGGGGGGAAAAAAGGAAGGGGGGAAGGAAGGCCAA GGAAAAAAAAAAGGAAGGAACCAAGGAACCGGGGGGAAGGGGAAAAAAAA AAAAGGGGGGAAAAAAAAAAGGAAGGAAGGAAGGAAAAAAAAGAGGCAAA CACCCCGAAAGGAAAGGGAAAGAGAGAGCAGAAGGGCAAGCAGGAGGAAG AAAAGAGAGAAAGGAAAAAAGAAAGGGGGGAGAGGAGGGGAAAGGGAGCC AGGGCCACGGAAGAGGCCACGAACGAAAGGGGGGGGGACCAACCGGGGG GGGAAAACCAAAAAAAACCGGAAGGGGCCGAGAAGAAGGGGGGCAGGTTG GGGAGAAGGAGGGGGCCAGGAGAAGGGCCGGAAGGGGAAAGGGAAGGAG CCGGGGACAAGGGGGGGGAAAAGGGCACAAGGGGGAAGAAGGAAGAGGC AAGAGGAGAAAAAGGGGAAGGGGAACCAAAAAAGGGGAAAAAAGGGGCCA AAAGGAAGGGGGGTTAAAAAAGGGGCAAGGGGGGAACCCGGAAAAAAGGA A G GCCGGAAAAGGAGGGAGGGAGCGGGCCAGGAGGGGAAAACAAGCCGA GGAAGAGGCCGACAAAAAGGAGGCAAAACCGGAAGGGGAAAAAACCGAGG AAGGAAGGGGGAAAAAAAAAAAGAGAGGAAAAAAAAGGGGGGCCAAAAGG AGGGCCACAAGAGAAGGGAGAAGGGGAACCAAGGAGGGAGAAAAGAGGG GGGAAGGAAAAGGAAGGAGGAGGGGGGGAAAGAGAGGAAGGAAAAGAAG GACAAGGAAGGAAGAAAAACAACCAAAAACGAGGGGGGGCGAAAGGAAAA AGAAAAGAGGACGGGAAGGGGGAGGAAAAACCAAAAAGCCAGAAGAAGCA GACCAAAAGGAAAAGGGGAGAGAAAGGATTGGGGCACCCAACAGAAGGAA ACGGAGAGCCGGGGCCAAGAGGGGAAAAAAGGGGAAAAGCGGAGGCGACC AAAAAGGGAAGGAGGGAAAAAAAAGAGACCGGAGAAACGAAACCAGCCGG TTAAGGGGGGGGAAGGAAGGAAAAGGGGAAGGGGCAAAGAAGAAGAGAA GAAGGAGAACGGGAAAGAGAGAAAGGGGGAAAAGGACACAAAACCGAAGG GGGGGGAGGGGATAATAAAACGGGGAGAACCAGGGAACCAGAGGGGACG GGGGAAAAAAAGGACAAGCCAAAGGGGGAAGGAAAAGGAAGGACGGCCAA GGGGAACCGGGGGAAAGGGAGAGGAACCGGTTAGAAGGAAGGAAGAAAA GAAAGCAAGAAGAAGGAAAGGGGAAGAGAGAGGAAGGGAAAGGGGGGAA AAAAAAGGTAAAAAGAGGGGGGGGAAAAAAAAAAGGAAAAAACCACGAAA AA G G G GAAAAGGTAAACCACGGAAAAGAAGGGAGGAGACCGAAGAAAAAA AA $\operatorname{la} A \operatorname{AAA}$ GGCCGGCCAAGGGGGGAAAAGGAAAACAGAGACAAGGAAGGG AAAAAAAAGGCCCGAAAGGAGAGGGGGGGGGGAAGGGACCAAGGAAGAG GGGGAAAGGAGGAGGAAAAAAGGACGGCCGAACAAAGAAAAAAGGCCGGA GGAGAGGGGAAGGGGAAGGCCGAAAAAAGAAAAGGGGCCAAGGAAAAAAG GCCAACCAGAGAGGACAAAAAAAAAGAAGGGGGAAAAAAGGGGGGGAGGG GGAAAAGGGGAGAAAGGGGAAAACCAATTAACCCGTTAAAAGGGGCCGGG GCAGGAAGGAGCAAGACAAGAGGAAGAAGGGGGCCCCGGCAGGTTCCAGG AGAGGCCCAGAAACCGGGGAGGAGGAGCCGAAAGGGGCCGGAAAGGGGG AAGGAAGGAAGGGGAGCCGGAAAGAAAGACAAAAGAAGAGACACAAGGGA AGAGGAGACCGAAGCCTAAGGGAGAAGGGGAAAAAAGAAGGGAGGAGGG

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G G GA GAACGGGTTGGGGAAGGAAGGAAGGGGGGAAAACCGGGGGGCCGG AAAGAAAAGACCCCAGACGGAGGAGAAGGGAGAGGACCAAGGAAAGAAAA
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 G G G GCCGGAGAAAAGGCAGGGGAGAAGGGGGGAAAACCGGAAAAAAAAG GAAAAAAAAAGAGAAGAGGGGCCGGGGGGGGGGAGGGAGAAGGGAGGAA AAAAAAAAGAGGGAGGACCCAGAGAGAAAAAAAAGGGAAGGGAGAGGGAA CCGAACGGGGTAGGGGAGACAAAAAAACAAAAAAGGAAGAAAGGGGGAGG G G G G G G A G G G GAA G GAGGGGAAGGGGGGAAGGAAAAAAAAAAGGGGAAG GGGGAGAGGAAGAACAGAAGACCGGGGGAGGAAAAGGAGGGGGGGAGAA GAAAGGAACCGGAGGAAGGAACGAAAGGACAAACAGAAGAGGAAGGCCGA AGAGAGAGAAGGAGGGGGAAGGGGGGCCGGAAGGAAGGCCAGAAAGAGG AGGGAGAGAGGAACCGGCCGGAAAAAAAAGGGGGACCGGGAAGAGTTGGA CGGGGGGGGGAAAAGAACCAAGAGAAGGGAGAGAAAAGGGGAAGGCCGG CAACGGGGAAAAGGCCGGAAAAAAGACCAAGGAGAAGGAGAAGAGGGAGG GAGGACCCGGGGGGAAAGGAGGGAAAGGAGAGCAGAGGCCAAGGGGAAG AGGAAAAAGACCAGGGGAAGAAAAAAGAAAAGGAAAAAGGGAGGGAAGAG GCCAGAGAAGGACAAAGAAAAAAAAAGCCAAAGAAAAGGAACACAAGGGG G GA $\ln$ A $\operatorname{A}$ GGGGGGAAGGGGACCCGGGGGAAAGACAAAAAAGAGAAAGGG G GAAGGGAAAAAAAAGCCGGAAAGGGAAGGGGCAAAAAGGAAAGCCAAGG AGGGGGAAAGAAAGGGAACCCCACGCAGAACAAACAGGAAAAAAGGGGAG ATAGCCGAACGGCCAAAAAGGGGGAAGGGGGGGGGAAGAAAAAGGAAGG G GAGGGGGGAAGAAAGGAGGGGGAAAAAAAAGGGGAGAGGGTTAAACGA AAAAAGACGAAGAAGGGGAGAAGGAGAGCCGGCCAAGGACGGGGAGAGAA AAAAGGGAGAAGCAAACAAAAGAAAAGGAGGAGGAAGAGGGAACGGAAGG CCGGCCAAAGAAGAAGGGAAAAAGAAAAAGAGGGAAAAAAAAGGCCAGAG GGGGGGAAACAGGGACGAAACCGGTTGGAAGGGGGAGCAAGGGGCCCCA ACCGGGGAGCGAGGAAAGGAAGGAAAACCAAGAGAAATTACGGGGGGAAC CGGGGAGAGAGGGAACCAAGGCCAAGGAAAAAAAGGAAACACCAAAAAAA A G G G G G GAAAAAAAAAAAAAACCGGGGGGAAAAAAGGGGAGAGGAGAAGA AGGAAGAAACCGGGGGGAGAAAAGAGAGAGAAGGAAAGGGGGACAAAAGA AAAGAACCAGGGGAACGAGAAGGGGAAGGGGAAAAAGGGAAGGGGAGGG AGGGAAAAAAGGAAGGGGAACCAAAAGGTTGGAAAAGGAAAACCCCAGGA AAAGACAGGACAAAGGCCCCAGAGCACCAGCCACAGAGAAGGGAGAAAGG A GA $\operatorname{l}$ GAGGGGGGGGAGTTAAGGGGAAGGAAGGAAAAGGGGAAGGAAGGA G G A G GAAAAAGGGGGGAGGGAGGAAGGCAGGGGAAAAGGAGAGGGAGAA AAAAAGGGAAGGAAGAAGAGAACCGGCCGGAAAAAACCCCGGGGGGTAGC G G G G G GAACAAGGGGGGGAGGGGGAAAAAAAAGAGGAGGGAAAGAGAAG GAAGGAAAAAGCCGGAAGGGGAAGAGAAGGGGGAAACGGCAAGAGGAGG AGAGCCGGGAAAATGAAGGAGGAAGGGGGGAAGAAGAAGGGAGGGGCCG GAAAGGGAAGGGGAAGGGAGAAGGGAGAGAAGGGAAGGAAGGGGAAAGG AAGGGAAGCCAAGGAAAAAGGGAACCAGGGAAACAGGGAAAGACGGAAAA AA $\operatorname{A} A G G A A G A G A C C G A G A A G A A G G G A G G G G A A A G C C A G C C G G A C A A A G A G$ AGAGACGGAGGAAAGACAGAAGAGGGAGGGGGAAGGGGAGGGGGGGCAG G G G G G G G G GAGAAAACCGAGGGAGGGGAACAGGAAGGGACCGGGGGGAG GAACGACAGGGGGCAGCACCAAAAAGCCGAGGGGGGGGGGGGAAGACCA GGACCGGGGAAAAAGACGGGGAAGGGAGGACAAGGGGCCGGAAAAAACAG AAGAAGAAGAAAGAAAAGGAGGGAAAAAACAAAAAGGAAGGGAGGAACAA AAAGGACGGGGGGGAGGAGCCGACCAACGGGAAAAAAGAGAGAGAAAAAC CGGAAGGAAAAGGGGAAAGAGCCAGGGGGGGAGGACCAAGGGGCCGGAA AAAATTGGGGGGGGGGAAGGAAGGCCGGGGAAGGCCCCCACCGGAAAAAA AAAAAAAAAACCGGGGAAAAGGGGGGAAAATTAACCAAGGGGGGGGGAGG AAGGGGAAGGCCAAGGGGAAGGAAAAAAAAAAGACCAAGAAAAAAGAACC A G G G G G G GAAA $A$ A G GAACGAAAGGAACCGGGGGGGGAAACGGGGAGACC CAAAACCGGGGGGGGGAAAGACGGGGGCAGGGGAAGGCCAACCAAAGGG GGAGGGGGAAGAAAAAAAAGAAGAAGAAAGGGAGACATCAGAGAAAAAGG A G G G G G A A A A A A G G A A GAA $A$ AGGACCGGGGGAGGGGGGGAGGGGAAACA A G G G G G G G G G G G G GAAAGAGAAGAAAGGGGAGGGGAAGAGAGGCCAAAA GGAACCGAGGGGGGAAAGGAGAAAAAGGAGGGCAGAGAAGGGGGAAGGA CGAACAGGAAGACAGAAAAGGGGACCCAGGGGGAACCGGAAAAGGGGAAG

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 GAA G G G G AC GAGAAATAAAGGGGGGGAGGAGAGAGAGAGGAGGGGGGAG AAAAAGGAAACAAGGGAAAGAAGGGAGGAAAAGGAAGGGGGGAAGGAAAA CCGGGAAAGGAACCGGAAGGCCCAGAGGGGCCAGCCAGGGGGAACAAGCC G G GAAAGGAACCGGGGAGAGAAAAAAGACAGGGGAAAAAAAAGAGAAGGA GAAGAGAAAACCAAAAAGGGAAAAAAGAACGAAAAAGGAGGGAAAGAAGG G GAAAAGGGGGGGAAAAAAAACAGGGGAAAACAGGGGGACATGGAAATGC AAAAAGAGGACGCAAGACAGAAGGAGGAGAGGAAAAGGATAGGAGGGAGA GGGGAGAACAAAAGGGGAAAGGGGAGAAGGGGAAAACCAAGGAGAAGGG

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$22026000-9$ AA GGGGACGGAGGGGGAAGGGGAAAAAAGGGGCAAAAGAACC CCCCAAGGGGGGCCGGAAGGAAGGCCAAAAGGAACCAAAAGGGGAAAAGG AACCGGGGGAAGACGGGGCCGGGGGGGGCCAAGGAAAGAGAAGGAAAGA GAGACAGAGCAAGGGAGGACCGAGAAAGGAAGGACAGAGCCGGGGGAGAA AAAGGGGGAAACCAACCGGCCAAGGAAAAGGAGAAAAGGGGGGCCGGCCG GAAAGGGGGGGGGGGGGGGGGGGGAAAGGGGCCAAATAGGAAGGAGGGA GAGGGGCCAGAAAAAAGGAACCGGGGGGAAAGAAAGAAAAAAGAAAGGAG GAGGAGGAGGAAGGAAGGACGGAGAGAGGGCAGAGGAACCGGGAGAAAA AGGAAGGAGACGACCAGGAAAGGGAGGAACCGGCACCCCGGGGAAGGGGT AGGAAAAGGATAAAGAAGGGGAAGGAACCGAGGAAAAAACATTCCGGAGA CGGGGAAGAGGAAGGGAGGAAGAAAAAGAGGAAAGAGCAGAAAAGAAGAG GAAGGAAAGGAAGGGCAAAGGGGCCGGAGGGAAAACCGGAAAAAAACAAC CGGACGGCAGGAAAAAAGGAAAAGAAGGGAGGGAGGAAAGAGAAACCGAG AAGGGGAAGCCAGGAGGAAAAAAGGGGGGGACAAGAAGAGGAGAGGACCC AGGAAAAGAAGAAAAAAGAAGGGAGAACCCCGGAAGGGGGGGAGGAGAGC AGGAAAAAAAAAAGACCGGAAAGGGCCAAGGGAAGGGCCGGATGGGGAAA GGGAAAAACAAAAAAAAAAGAAGGACATTAACCAAAAGGAGGGGCGAAAA GAAAAACCCGAGGAAGGAACCGGGGAAGGGGCCGGAAAAGGCCAGCACAA AGGAAAAAGGAAAGGAAAACCGGAAAAGGAAGGGAAAGGGGGGAAAAGGG GAAGGGAGAGGGGAAGGCCAAGGAAGAGAGGAGCCCAAAGGAACCGAGAT AACAGAAGGAAGCAAAAAAGGAGGGGGGGAGCCAGGGAAGGAAAGAAAAA AAAGAGGAAAAATCAGAAGGGGGCAAAACGGGGCAAAACGGAAGGAAGGG GGGAAGACCGGGAAAGGGGCCGGAAAACCAAGGAAAGGAAAGGAGGAACG AAAGAAAACGGACAGAGAAGGAAGGGGAAGGAGAGAGAAGGGGAACCGGA ACCCCGGAGAAAAGGAAAGCAAACCGCCACAAAAAAGAAGGGAGGAAACG AAACCGGGGGGGGAAAAAAGGAAGACCAAGGAAGAAGGGAAAGAAGGAGG GGGCAGGGGGGAAAGCCGAAAAAAGAAGGGGGGAAAAGGACGAAAAGAAG AGAAAAAAAGGGGAATAACGGAGGGCCAAGGAAAAAAAAGGAAAAAAAAT TAGAGCAAGGGGGAATTGGCAAAGGAAGACAAAGGGGAAAAAAGAAAGGG GAAGGAAGAAGTAGGGGAAGAGAAAAAGAAGACAAGGGGGGCAGAAACCG GGGAAAAAAAAGGGGAACCGGACGGCCAAGGCGCCAGAACCAAAAGGCCG GACAAAAAAACCCAGCAGAGAAGAAAAAAAACCAAAAGGGGGGAACAAGA GGGGGTTAAGGAGGGGAAAGGGAGGAAAAAGAAAAACAAAAGGAAAAGGA
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 G GAA G G G GAAAAAAAAGGGGCCAAGGGGGGAAAAGGGGAAGGGGTTAAA ACCGGGGTTGGGGCCGGAAAAGGAAGGAAGGAAGGGGGGGGGGGGGGGG GGAAGGAAGGAAAAAAAAGGAAAAGGAAAAGGTTAAAACCGGGGCCTTGG AA G GCCAAGGAAGGGGCCAAAAGGGGGGGGAAAAAAGGAACCGGAAAAGG
 G G A G G GAAAAAAGAAAGGGGAGGAAAAGGAAAGAAGAAGGCAGAGAGGCC AACCAGACAAGGGAGGAAAAGGAAGGCCAACCAGAAAAAAGGAAGGGGAA AA G GAAAGTTCCAAGGTAAAAACAGGGAAAAGAGAGGAGAAAGAGGGGGG AAACAAGGGGCCAGGATTCAGGGGAAAAACGGGGGGGGGGAGGGGGAAC A G G G G G G A GAGACAAGGAAGGGGAAGAGAGACCGGCCAAAGAAGAAGAGA GAAAAAAAGCCAACCAAGGAGGGACCCGGAGGAAAAAAAAAAGAGGAAAG GAAGAACCAAGAGAGGAGGATACGAGAGGACCCCAAGCAGGCCGGAGGGC CACAAACGGAAAGAAAGGAAGCACAGGAAGGGGCGAGAAAAAGAAAGGAA CGGGAGGCAGGGAGGAAAAGGGGGGAAAAAGAAGGGGAAAAAAGAAGAAA CAGAGGGGGAGGAGGCAAACCGGGCAAAGCAAGGGGGGGACAGGGTTGA GGGGAAGGGAGAGGGGAAGGAAAAAAGAGAGGAGAAAGAGGGAAGGCCA AAAAAAAACCCGAAGAGGGCCGGGGGGAACCGGGAAGGGGGAGAGGGAA GGGGGAAGACGGAAAAGGAAAAGGAAGGCCGAAAGGCAGACCGGAAGGAA G G G GAAAAGGGAAAACAGCAAAACAAGGAAGGGGGACCAAGGAAGGGGGA G G A G A G G A G GCCGGAAAAAACCAAAAAAGGGGGGAACCGAGGAAAGACAG CCGGACGGAGGGGGGGAAAAGGGAGGAACCGGACAACCGAAAAAGGCCAA AAAAGGGGCCCCGGGAGGAAAGCAGGGGAAAAAAGGAAAACCGGGGGGG G G G G G A A G G G G A GAAGGCCACGGGGGAGGGGAAAAAAAAGCAAGAAAGA A G G A G G G A A A G G A G G G A G A CATGGGGGGGAGGAGAGGGGAACGAAAAGT ACAAAGGAGAACACCCCCCGAGAGGCCGGAGCAACAAGGGGAAAAAAGGG GAGGGGGGGCCAGGGGGAGAACCCCGGAAAAAACCGAGAGGAAAAAAAAG GAAACAAAAGAGGGAAAGAGGAAGAAGGGAAGGGGAGAGAGGAACAGAAC CAAAGGGAAGGGGGGAAAGAAGGGGAACCAGAGGGAGGAGGAGGCAAGG A GAAACAGAGCAAAGGAGGGAGGAGGAAGGGGGGAGGGAAGGGGCCCAA AAAAAAAAAGAGGAAACGGGGAAACACAAGGTTGGAAAAAAGGAAGAAAC AGACAAAGGCGGAAAAAAAAGACAAAGGACGCCGGAGAGAAAGCGGGGAA GACCAACCGGGAAAGCCGGGGAGGGAAGGAAGGGGACAGAAGGGGAGAA GGAGAGGGGGGGAAGGCCGGGACAGAAAGGACAAAAGGCCAAAAGGAGG GGGGGAGAGAGAGAAGGAGACAGACGGCAACGGGGGGCCAAGGAGGGAA AAAGAAGAAAAGGAAGGGAAAAAAAAAGCCGAAGCCAAAAAGGAAGAGAA G G G GAAAAAGAGAGGGGGGGGAGGGGCGCCAAAAGGAACCTTAAAAATGG G GTTAAAAGGGAAACCGGAAGGGGAGAAGGGGAAGGGGGAGGGACCAGA G G G CC G G G G G G G A A A G G G G G GCGGCCCGGGGAAGGGAGGGAGGAGGGAC GAAAAAGGGGAACCGAGGAAGGCCGGAGCAAAGGAAAAGGCCAAAGGAGA AA GAGAAGAGGGAACAGGCCGAGAAGAAAAAAAGACAGAACCAAGGGGAG GGGGAAGGAAGGGACAGAGGAGAGAAAAGGAAAAAAAGAGGAGGACGGCC AGGGACGGAGCCAGAGGAGGAAAGGAGGAAGGAGAGCCGAGGAGAGGGA AGGAAAGAAAAAGAAGAGGCCATACACGAAAGGGGAGAGGGCCAAGGGGT TAAGGGGGGGGAGAAGAAAAAGAGAAAAGGAGGCAGAGGAGGACAGGAA GAGAAAGGCAAGAAGGGGAAAGAACCGAGGAAAAAAGAACGAGAACCCGA GAAAGACAGAGGGGGAGGAGAGAGAGAGAGAGAAAGGGAGGGGGCCGGG GGGGAAGAGCGACAGGAGAGAAGAAGAGAAGGAGAAAAGGGAAAAGAGG GACAAGGACAGGAGGAGGGGGAGGAAGGAAGAAAGAAGGGGCAAAGGAG

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 ACCACGGAAGGAGCCAAGAAGCCGGAAGAGGGGCAGAGGCAGGACAAGGA AA GAGCCGAAGGACAAACAGGCCGGGGAAAAAACCGGAGGGGGAACAGGG GAAAAGGCCAAAGACGAGAGAAAAAGACCAAGGAGCCGGAGGGAAAAAGA GGGAAGGAAGAAAGGACGGGAAGGGGGGAAAGGTAAGGAAAGAGGAGCA AA $\operatorname{l}$ GGGGGGAGAGGGAAGAAAAGGGGAGGACAGAGGAAAAAAGGAAGGA GGGAGGGAGGAGGGAGGACAAGGCCAAAAAAGGGGAGCCGGAAAGACAG GAAGAAAAGGAAAAAAAGTTAAAGACGAAAGAAAAAAGACAAAGAACCAAA ACAAAGGGGGGCCGAGGCCTTCCAGGAAGAGGAAAAACGCCGGGGCAGAG GAAGGAAAAAGAAGGGGTTGGAGAAAGAACCGGCACCGGAAGGCCAAGAA G GA G G GAA G G GAGCCTTGGGGAAAACCGGAGAAGGGGGGAAGAAGGGAG GACAAAAGGGGGGGAAAAAAAAGGGACCAAAAGGGAGGGGAAAGACCACC AA G G G GAGAAGGAGCAGGAGGGAAGGAAAAGGGGGGAAGACCAAAAACGA ACGGAAGGAAAAAGGAGACCGGAAAAAGAACACGAAGAAAACAGGGAAGG GGAAAAAAAAAGAACCAAGGAAAACGAGTAGGGGGGAGGAAGAAAAAGCC AAAGAGAGAAAACCAAAAAAGAGAAAAATACCGGAGGAAGTTAAACAAAA GGGGCCAAAAGGGGGGGGAAAAGGTAAAGGAAAAAGGGGGGACCAGAAG GAAAAAACCGGCAAAGGAAAGAAAGGAGGAAAGAAAGGGAGGGGGGGGAA G G G G G A A G G CAGGAAGGGGGGGGAAGAGGAAAGGAGAGGGGGGAGAGAA AAAAAGGGAAAAAAGGGACAGAGGAGAGAACAGAGGGGGGGGGGGGAAA AAAAAGGAGAGGGGGAGATGGGAATGGGGGGAAGGCAGAAAAAGAAGCCC ATAAGAACCAAGAAGCAACGGAAAAATGAGAGAATTAACAAAAGAAGAGG AGGGGAAGAAGAGAACGGGTAACAGAGACAGTAACGGGGCAAAGGGGAAA AAAGAGGAACCGAAAGGCCAAGAGGCCAAAGAGGGAGAGAACCAGAAGAA AAAGGCAGAGGAAAAAGGGGGGGGGCCCGGGAGCCGAGAAAGGCCAAGG G G A A G G G G A A CAAAGGGAAAGGGAAAGGGGAAAAAAGGGAGGAAACAAGG GGAACAAGATCCAGCCGACCAAAAGGGAAAAGAAAAGGGGGAAAAAAAAA
 GGCCGAAGAAAAGAAAAAGGAATAGGAAAAGGAAGAGGAAAGCCAAGGAA G GAGGGCCCCAAAAAACCGGGGGGCACCGGGGGGAACCGGAAAGAATAGG G G G GAAAAGGAAAGAGGAGGAGGGAAAAAGAGGAGGTAAAAGAAGGAGCA AGCCAAAGAGACGGTTAGAGGGCCGGGGGGCCGGAACCGGGGCCCCACCC TAGGTTTTGGAAAAGGAAAAAAGGAAGGGGGGCCCCAAAAAAGGGGGGAG G G G G G AAA $\operatorname{GAGGAAGAAAACAAAAGGGAAGAAGGCCGGGAGAGGAGAAAA~}$ AAGGCCGACCAAGGGGGGAAGGGAGGGGAGAGAAGGGGCCAAAGATGGG A GACAGGCCGGGGGGAGAAAGGGGGAAGACACAAAAGGGAGCAGAAGGAT ACCAAACAGTTGGAAGGAAGGAAAAAAGGAACCAAAAGGGGGGAAAAAAA GAGAAGGAGAAAGGAAGGACCGGAGGAAGGAAACCACACGAAATTGGAAA

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GAAAACAAGAAAGGAGAAAGAGGAAAGAACCAGAAAAAAAAGAGAAAACA AAAGGAAAAGACACAAAAAGAAAAGGAAGAAGGAAGGGGAGGGAGGAAGG GGGCAGGCGAGGGACAACAACAAGGGAAACCGAGGAAAAGGAACCAAGGC CAAAACAGGACGAGGAACAAAAAGGAAGAAGGGGGAAGAGGGAAAGAAAG GGGAACCAGACGAGGCCAGACGGAAAGAAAAAGGAAAGAAGGAAGGGAAC CAAAGAGAAGAAACCAAAAGGGGAGGAAAAAGGACGAGAAAGAGAAAAGT AA $\operatorname{la}$ GGGCCACGGAAGAAGGGGGAAGGAAAGACAGAAAAAAAAAAAGAAG GGAAAGGGAGGGGAGAAAAGGAGAAAAGGAGAGAAGAAAAAAAGGAAAGA AAAGGGGGGACGGAGGGCCGGAAAGAACCAAAAGGGACCAAGAGAAGGGG GAAGGAGGACAGAACCCGGGAAGAGAGGGAAGAACATAAGGCCGAGGGGG GCCGAGGAAGGAAGGAAGGAAGGGGAAGGAAAAAAGGGAAAAGAGGAAGA AAAGGAACAGGAGAGGGGGGGGGGGGGGGGATTAGAGAGGGAAACAAAG GGAACCAAAAAAACAGAGAAAAAAAAAACAAGTAGAAAGGAAAAAAGAGAA AGGAAGGAAAAAAGGGGAAAAGGGAGGAAAAAAAAAGGGAAGGGGAAGAG AAAGGAGAGATAGAAAAAAAAAAAAAAAGAGGATTAACCAACCGCCCAAAA AGGGGGGGGGAGGACAAAGGGGGAAGGAGGGCCCAAAAACAGGAAGAGG AGGGAAAAAAGGAAGAGAGAGAGGGCACAGGGAAAAAAACCAGGAACGGA AAACCGAAAAGCCCCGCGACCGGGGAAAAAAAAGGGGGGCCGAACAAAGA AGGGAGAAGGAGGAAAGACAGAAGGGGGAGCGGAGGAAAAGCAAAAAGGA AAAAGGAAGGAGGGAGGAAGAGAGAGGAAAAGGAACCAAGGAAAGAGAAA GCGGAGGGGAGACAGGAAAGGAGGGGAAAGGAACCGAAGGGAGGGAAAA GGAGACGAGAGAAAAAAAAAAAAGCAAAAGAAAAGAGAAAAGGGAGGGGG GGAAGGAGGGGGGGGAGGCCAAGGAAGGAAAAAGGAAAAGGAGGGGAGA AGGGGGAGAAAAAAGAAGGGAAAAAGGGGGGAAGGAAGACAAAGGAAGAG AAGGACAAGGGAGGAGAGGAGGGAAGGAAAAAATTGAAGCCAAAGGGGGG GGGAACCAAAAGGAAGGAAGGCCAGACGAAGAGGGGGGGGAAAAAAGAGC CGAAAACAGAAGGGGCAGGAAGAGGAAAAAAGGGGGGAAAAAAGGAAGGA AAAAGGAAGGGAGGAGGGGGGACAAGAGGAGAAGGAGGGGGGAGGAGAG GGGGAGAAAGAACCGGAGGACAGGAAAGGGAGAAAGGAGGAAGGAAGGG GAAGAACAGCAGGGAAAGGAGGAAGAGGGGGAGAGATGAAGAAGGACAAG AAACGGGGGAAGGGGAGGAAGCAGACAAGGAAAGGAAGGAAGGAAACATA AATAGAAGGAAAACAGGGAGAAAAAAGGGGGGGGGGGGGGGAAGGAGAG AGGGGGAAGAAAGGAAGGGGCCGGGACCGGGGATCAGGGGCAAACCCAG GCCGGGGAGAAAAAAGGCCGGAAAAAAGGGGGGAAAGGGAAGGCCCCAAC CGAAAAGTAGGAAAGGGAAAAAAGGAAGGAAAGCACCAGGGGAATGACCG AACCGAACCGGAAGAAGGGAGAAAGGGAAAGGAGGCCAGAGGGAAAACCG GGGGGGGGGGGAAAAGAGAGGGGGGAGGAGGGAGATTAGGGAGAAGGAA GGGGGGAGAAGAGGGGAAAGGAAAGGAAGCCCAAACGAGAAGAGAAGGA GAGAAGGAAGAAAAATTAAGGAAGGGAAAGCACAACCGGGGAAAAAAAAC AA GAAAACCGGGGGGAAGAGGCCAGACGGCAAAACGGGGGGAAAAGGGAA AGGGGAGAAAAGGAGGGGGGAGAGGGAAGAAAGAAAAGGGGGGGACAGG AAAGACGGAAAGAAGGGAAGGCGGAAGAAAAGAAGAAAAAAACCGGAAGG AA $\operatorname{G}$ GGGAAGAGAGAGGCCGGGAAGGAGGAAAAGGAGAAAAACCCCCCCAG AA G G G GCGAAAAGGGGGGGGACGAAAGAAAGAAGAGGGAAGGGAAAGGA AGGAAAGAAGGCCAGGGGGAAGGAAGGGGCCGGAAGGGGAAAAGGAACA AAAAAAAGAGGGGGAAAAGGAAGGAAAAAAGAAAGGGGAGGGGGGAGGAA ACCAGGAAGGGGACGAAAGGCCGGGAAGAAAAGAACAAGGGGGACAGGAA GGGGTTGGAAAACAGAAAAAAAAAAAGGAAGGAGGAGGAAGGAGAACCAA GGAGCAGGGAGATTACACGAGGAGGGAGAAGGAGGGAACCGGAAAACCAA CCGGAGGACCAAGGAAAGCAGGGGGGGGAACCACAAGAAAAGCCGGTTGG GGGGGGGGAAAAGGAAGGGGGAGAAAGAAACCGAGAGAGGGGGGGAGAA AGGGGGGAAAAAGGAGAAACCAAGGAAAAAAGAGGAGCCAGGGCCAAGGC CGGGGAAAAGAGGGGAAAGAAGAGATAGAAAGGGAGAGGAAAGAGACGAA ACCGGGGGGGGAAGGGGCCGGAGGGAGAAAAATAGGAGAGGAAAAGGGG GGAAAAAAAAGGAACCAAAAGGAAGGGGAAGGGGAAAAGGAAGGGGAAAA GAGGGGAATTAAAAGAAAAGGAGAGGAAGAAAGAGAAGAAACCCGAAACC AAGGAGGAGGGGGGGGAGAAAAAAGGAAAAAAAAGGGAGAAAACGGAAGG GGAAGGGGAGGGAACCAAGAGGGGAAGAGGCCAAAACCGGCCCCAAAAAA AGGAGGGGAACCGGTTACGGACAAGGGGGGGAGAAAAAGAGAAAAGAAGA AACCGGAGGGAAAAGGGGAAAGGGAGCAGGGAAGGGGGGGGAGGAGGAG AA $\operatorname{AAA} A A A G G A A G G G A A A G C A A G G A G A A G A A G G G G A A A A G A G A G A A G G G A$

GGAAAAAAGGAGGAGGGAAGAAAAAGGCCGGAGGGAGCCCCGGAAGGGG AAACAAACAAGGGATTGGAAGAAGAGGGGAGAAAGGACGGGGGGCAGGAA AAAAAAGGGGAGAGGGGGGGGGACGAAGGGAGAAGGAGACAGAAATAGG AAGAGAAAAAAAGAGAAGGAGAGGGAAAAAGCCGAAGGGCCGGGGAAAAG G G G GAAAAGGAAGACCCAAGGGGAAAAAACCAAAAGGAAAAGGGGGGGAA GAGGGGAAGAGGGGCAGGAGGAAGGAAGGGAAGAGGAGGGGCAGGAAAA ACACAGAAGGGAGGAAGGGGAAGGGGGGAAAAGGAAGGAGGGGGGAAGG AA GCGGGAAGGAAAAGAAAGGAAGGAAAAAAAAGGAAAAGGACGGAGAAG AAAACGGGAAGCAGGAAAGCAAGAGAGGGAACCGGGGGGCCGGAAGGGAA AAAGAAGAGAAGAAGGGAAAAAAGGAAAAGAACACCCGGGGGGTTGGAAG G G G CAA $A$ AA G GAGGGGGGGGGACGGGGGGAAGGGGGGGGAAAGCCAGAA AACCAAAAAGAGAAAAAAAAAGAAGGAAGGCCGGAAAAAGGGAGGGAGAA AA GAAAAGGGCCACAGGACAGGAAAGAAAAGGCCAAGGGGCCGGAAGGGG A G G G G GAAAAAAAGAAGGGAGGACGGGGGGCCGGAGGGAAGGCCGGGGG GGGAAGGAATTAAAAGGGGGGCCGGAAGGAAGGGGGGGGAAAACCCCGG G G G G G G G G G G G G G G G GAAGGCCAAGGGGCCCCGGAAGGCCGGAAAAGGC CGGAAAAAAGGGGAAAACCCCAAGGAAAAAAAACCAAAAAAGGGGAACCA AAAGGAAGGGGGGAAAACCGGAAAAGGGGGGAAAAGGAAGGCCAAAAGGA ACCGGAAGGAAGGCCCCGGAAGGAAAAGGGGAAAAGGAAGGAAAAAAGGG GAAAACCGGAAAAGGAACCAACCGGCCAAGGGGGGAAGGGGGGAAAACCG GAGAGACGGGGAGGGAAAAGGGGCCGGGGGAGGAGAAAAGGGGACGGGA G G A A C C G G G G G G G G G G G G A G G G G G GAGGGGAAGAAAAGAAAAAAAAAAA GAGAAAGCCAGAAGGGGGGGGGAACAAAAAACCAAAAAAAACCGGAAAAA AGGAGAGGGCCAAGAAGAGAACCAAGAAGGGGGAAAAGAAGGGGGGGAG A G G GAGAGAGTTGGAGACAGAAGGGGCCAAAAGGGGCCGGAAAGGGAAA G G G G G A A GACACAGAAGGGGGCAGGGGTAAAGGGGAAGGGGGCGAGGAA AGGGCCAGAAGGGGAGCAAAGACCCCGGAAAGGGGACCAGCCGGGGGGG GAAGGAGAGAAAGGAGGAGAGAAGGGGAAAGCAAAAAAAGGGGAAGGAAA GAAAAGAAAAAGGTTGGAAAAGGGGGAAGGAACAGGGAGGAGGGGAGAAA AACGAGCAGAGAGGAGGAAGGAAAGACAAGGACAAGAAAGGAGAACAAAA AACGGAGGGGGCCGGAGCAGAAAGAAAAAGGAAGGCCAAATCCAGAACAG GGGAAAAGAAAAAGGGGAACGAAAACCGGGGAAAGGGCAACAAGAACAAA AGGAAAGCCGGCAGGAAAAGGTTCCAGAGCAAGAAGGAAAAACGGAGAAA AGGACCCGACCAAGGCCAAAAGGACAAGGAGAGGGAGGGAAAGAAGCAAA A G A G G G G A GCCAGAAAAGAGGAAGAAAGAAAGGACAAAGGGAGGAGAAGG AAAAAGGAACAAAGGGGGAGACAGGAAGACCAGAAAAGGGGGGAAGGAAG GCCAAAACCAAAAACAACAGAGGGAGGGGGGGAAGGGAGGGCACCAAAAG GAAAAGAGAGACCGGGGGGGGAGCACAGGACAGAAAAAAAAAAGAAAAGC CAGGGAAAAAAAAAAAAAAAAGGAAAAAAGGGGCAACGGGAAGGGAGGGA AGGGACCGGGGACAAAGAAAACCCCAAAACGGAAAGAAAGGAACCAAGGA AAAGGAAAACAGGAAGGGGCCACCAAAGAGGGGGGGGGAGAAAGGGGGA G G G G G G A G G G GAGGTTGGGGAACAAAAAAAGGCAGACCAAAGAAAAGGG GGAAAAAAACAGGAAAACCAGGGCCAACAAAAAGGAAGGAAAAGGGGAAG GGGGGGGAGAAAAGACCGACCGGAAAAAAGGGGAAGGGGGAGGGGGGGG G GACAGGAGAAAGGAAGGGGGGGGGGGGAAGGGGGGAAAACCGGGGACA GAAACAAAACCAAGGCCCCGGAGAACCAAGGGGGGAAGGCCAGGGAAGGA GAAAACAGGGGGGGCAGAGGGAAGAGGGACCAAGGAGCCGGGGGGCAGA AAAAAGAGACGAAGGGAATAAACCAGAAAAAGCAGGGGAAGGCCCCGGGA AACAAAGAGAAAAGAGGGGAGAAACCCCCCGACAAAGGAAAAGGGGAGGG AAAAGGAGAGGAAACCAACCAAAACCGGAAGGCCAGGGACAAGGAAGGCC GGAAGGAAAAAGAAGGACGGAACCAAGGAAGACCGGGGAGCCAGAAAACC TAAAAAAAAAGGGGAGAGGAAGAAGAGGAAGGAAAAAGATCCAAAAGGGG AAAACCAAAAGGAAAGAAGGAGAAGAAAAGAAAAAACCAGGAAAGGAAGA GGAGCAACAGCCGGGGGAATAAAAAAAGCCAAAAGGAACCCAGGGGACGA AAGGGAGACCAAAAGGCCAGAGGAAAAACCAGAAAAAGGGAAAAAAGGGG ACGGGGAGGGACGGAAAAGAGAGGGGGGGGGGGAGAAACAGGAAGGGGG GGAAAAAGGGGAAGGCCAAAACCAAACAAACCCGGCCAAGGAAAAAAGGG GAAGAGGGACCACAAAGAAGGGGGAAAAAAGAAAAGAAGGGGGAATTGGG AACGGGGGGGAACGGGGGAAAAACCACGGAACAGAGAAACCGGAGAGGGA AGGAGCCGGGGGACAAGGAACAAGGAAAGGGGAAGGGAGGGAAAAGAGG AAAAGGGGAGAAGGGGAAAACCAGAGAAAAGAAAAACCAAAAAAAACCAG

GAGAAGACGACAAGCCAAAAAGGAGGAGAGGGAGGAACGAAACAGAGAAT AGAGAAGGGGAGAGAAGAAAGAGAGGAAAAAGGAGAGAGACCAGAGAGCA ATAGGGGAGGGGACGAACACAGAGACAGCAGGTAGGGGGAAAAGGGGCG G G G G G A A A A GAGGGGGAAAGGAAAAGGAAGGGGGACCAAGGAAGAGAGA AGAAGGGGAAAAGGAAAGGGGAAAGGGGAAAAAAAAAACAAAGGAACCAA G G G GAA GAACAA G GAAAAGGGGAGGGGGCCAGAGGAGGGAAGGAGGGGA ACCGGGGAGAGAAAGGGAACAGAAGAAGGGGGGAAAAAAAAAGTTGAAGG GAAAAAGGGGGGGAAGGGGAACCAACCGGGGGGAGACCCGGGGGGAAGG AACCGGAGAGGGAAGGGGCCAGGAGAAAGGGAAAAAAA解AGAGGAAGGAG AGAGGGAAGGGGCAAACAAGAAAAGGAGAAAGGGAAGGAAAAGGGGAAGG AAAAAAGGAAAGGACCGAGGGAAAATGAAAGGGGGACGGGCCAGAAAAAA GGGGTTGGAATAGGGGGGGGCAACGGAAAGCAAAGGGAAAAAGGGGAAA AGGGGGGGGGGGGAAGGAAGGAAAAGGGACCAAGAGAGAAACCCCACGG CAAGAGAAGGAGTTAAAACAAAAGGGCCAGGGAAGGAAGGAACCAAGGGG GGGGAACCGAAAGAGGAGACGAAGGACGGAAAGAAAGAAGAACCAAGGAA GGAAAAGGGGAAGAGGGGAAGGGGAGGCGGGAAAGCGAGGGGAAAAGGA ACCGGAAAAAGGAAGGGAGCAGGAAGGAAAAAAGGAGACCCAAAAACAAA AA GAAAGAAACGGGACCGGACCCGGGGGGAAAAAGCCACAAAGAGCCAGG GAGAACCCCAAGGAAAAGGAAGGGGAGCAGAGGGGAAAGGGAAAAAAATA GGGCCAAGAAGAAGGGACAAGAGCAGAGGAAAGCAGACGCAGAAGGGGGG ACGGGGGAGAAGGTAAAGGAGAAGGAAGGAAGAAACCAAAAGAGGGGGGC C G GAA $\operatorname{l}$ GAGAAGGGGGGAGGGGGAAGGGAGACCAGAGGGAAGAGAGGAG G G GAAAGGAAAGGAGGACAAGGGGCAAAAAAGGGGGAAAAGGGGGGGGC ACCGGAGAGACAGCAAGAAGGAGGAAGGGGGGGAAAAAAAACCGGGAGAG GCAAGCCGGGGAAGAGGTTGGGGGGGGAAGGCCAAAGGAAAGGACGGAA AACCACAGAACCGGGGAAGAAGAGCAAAAAAAAGACAGGACCAGAGGGGA GGAGACGAAAGAAAGAAAAAGAAAAACAGGAAGGGGCCAAGGGGGGGGAA AAAAAGCCGAAACCATAGGGCAAAAAAAAGCCGGACAAAAGGCCAAAACC AA G GCCGGGGAGGACCGGAAGGAAGGGAGGAATACCAAGGACCAAGGGG GGGACAGGGGGGGGGAGGGAACAAAACAAGGGGGGAAGGAAAAGAAGAA CAGGAGAAAGAACAGAGAAGAGAAAAAAAAGGAACCGGGGAAGGAAAACC GGGAGGAAAACAGGAAAAGAAAAGAAAAAGAGGAGGGGGAAAAAAAAAGG GACAAAAGAAGACCGGAAAAGGAAAAAAAAAGGGAGAAGGCCAAAAAAAA AAAAAAAAGGCCGGAAAAAAAAGGAAGGAAAAAAAAAAAATTGGGGAAAA AAAACCAAGGAAGGAAAAAAAAAAAACCGGAAAAGGAAAAAAAAAACCAAG GAAAAGGGGGGGGGGAACCGGCCGGAAAAAACCAAAACCAACCAAAAAAG GGGCCCCAAGGAAGGAACCGGAAGGAAGGGGCCAAAAAAAAGGGGAAGGG G G GAAAAGGAAAAGGAAGGGGGGAAGGGGCCGGCCGGAAGGAAAAGGAA AAAAGGCCCCAAAAGGGGGGGGAACCGGAACCGGGGAAGGAAGGAAGAAA AAGGAAAACCGGAAAAGGGGCCAAAAGGAAGGAAAACCCCAAAAAAGGAA GGGGGGGGAAGGGGGGCCAGAGAGAAAAGGAACCGGCGCCGGGGAAAAA AGGGGCCGGGAGGGGAGCAGGAAGGAAAGGGAAGGCAAAGAAAGGCCAG GACCGGGGAAGGAACACCAACCAAGGCAAAGAAAAAGGGGGGGGAGAGGG AACAGACAACACGAAAAGGCGGCCGGGGCCAGGACAAAGAACAAGGAAAG GGGAGGAAGAGAGGAAGGAAAAGAGGAAAGCGGAAAGGGGGAAATAGGA AGGAAAATTCATAAAGAAGCAGAAGGGGGAAAACAAGGAACGGGGAGAAC A G G GAGGGAAAGGAGCCTTAACCAAAACCAAGGGGAAAGGGGGGGGGGG GGGACAAGGGAAAAGGAAAAAAAGGGAGACGGAACCAAAGGGGAGAAGGG G G AAAAAGGGAAGAGAGGGCGGGAGAAAGAAGAGGGGAGACAGGCCAAAA AAAAAACCGCCCAGGGGAGGAGAGAACCGGAGGACCAAAAGAGAGGGAGG AAAAAGAAAGCAGGCCGGAAGGGGAGGGGGAAAGAGAAGGGAGGGAAGG AA $\operatorname{GAGCGAAAAAGGGAGGAGGGAGAAGCACCGAGGATAGGAAAGGAGCAC}$ AAAAAAAGGGGGAGAAAGGAGGAGGGGGGAACAAGAGAAAGAAAACCGGC A G G G GAAAAGGGGAGAGAAGGAGGGAAAAAAAGAATTGGAAGGCGGGAA GAAACAGAGGAAGGAGCCAGGAGAAGAACCAAGGAGGAGGCCGGACGAGG AA $\operatorname{l}$ GGGAAAGAGAACCAAAGGGGGGGGGAAGACAGAAGAAAGGGGGGGG GAGGGGGGAAGGAAACCAGGGGGAGGGAGGGGAAGGGAGGGGAGAGAGA ACAGAAAAAAGGCCGGAAAAGGGGGGCAAAGGAGGGAGGAAGGGAGGGA G G A A G G G A A G G CCGAAGGGGGAAAGGGGGGGAAAGAGGGAAAAGGGGAG AGGACAGGGACCGAGGGGGAAGTTGAGGCCAGAAGAAAAGGGGGACGGG GAAAAAAGAGGGGAACCAAGGAAAAAAAACAGAAAGAAGAAGACCGGAAA

A GCGGGCGGGGGAAGGGGGGGACGGAAGGAAGGCCACAAAACCACAGAG GGGAGGAAGGAAGGAAAAAAAAGGAAAACCGGCCACAGGACCAAGGACAC CGAGGGTAAACGAGGGAAGGAGGGAAAAGGAGAAAAAGGGGGCCGAGGG GAGAAGGAAAGACCAAGAAAGAAAACCGAGGAAGGCCGGAAAGGGACGGA AAACCAAGGAAAACCGGCCAACCAAACAAGATTAAGGACGAGAAAAAGGA A G G G G G GAGGGAGATAAACGAGGAGGGGGGGAGGGGGGGAAAAAGATGA AAAGGAAAAGGGAGGGGGAAAAGGCAAAGAGGAGAAAACCGGGGAAGAAA GAGGACAGCAGAAAGAGAGGGAGGGAAAGACAAAAGGGAGGGCCAAGGG G G GAGCAAGACAGACAGAAGGGGAAAAGAGGGGGGGGAAGGTTGGAAGG AAAAAGGGAAAAGGTTGACAAAAGGGAAATGGACAGCAGAGGGGAACCGG AGAGATCCAGCACCAAAAGAAAGGGGAAGGAAAAAAGGGGAAGAAAAAAA AA $\operatorname{A} G \mathrm{G}$ GAAAGGGGGCCAGAGGGAAAGAGGGGGGGAAAAAACCGAAAGGG GAAAACCGGAAAGGGCAGGGGAGGGAAAAAAAAAGATGAAGAAGGAAGGG AGGAAGAGGCCCCGGAGAAAAAAAAGGGGGGCCGGAAGGAAAAAAGGAAC CGGGGAAGGAAAGCCGGAAGGGGAAGAAGAAACCCGGGGCCAAAGGGGAA GAAGGCAGGAACCACAAGGAAGGGGCCAGGGAGAGGGAAGGGGCAAAAAG GGGGAAAGAAGGAAGAACCAACCGGAGAGAGAAAAAGCAAACAAAAACCA AAAGAGGAAGGGGGGAAGGGGGGAAGGGAAAAAGGAAAACAAAGAAAGGA CCAA $\operatorname{CAGAGAAGGGGAAGGGGAAAACCAAGGAAGGAGGAAGGGAGGGGG}$ AGGGGGGGAGGGGGCCAGCCAAAAGGAAAAAGGAGAGGGAAGAGAGAGA CGAAGAAGGCCAGAGAGACGGAAGAGGAAGAGGACGGGAGACCAAAGCCG GAAGGAAGGAGAAAAAAAAAGGGAACCAAAAAAAAAACCGAGGCCGGAAG AAAGGAGGAGAAAAAGGACAGGGAAAAAAGGGGGGGGAACCAAAAAAAAA GGGAAGGAGCCTAAAGAAGGGGAGGGGGAAAAACAAGGGAAGGGAAAAAC AGACCGAAAGAGGAAGGAAAAGGAACCCCAAGGGGAGGGAAACGGAAAGA A G G G GAAAACCGGGGAGGAAAAAAGGGGGGGGAAAAAGGGGAAGGAACG ACAAGGGGGGGGAAAAGGAAGGAAGGGAGATTGGAGGGAAAAGGAAGGG GAAGGGGAGGAACGAAGACGAAAAAAAAGCCCCGGCCCAGGAAGAGAAGG GAAAAGGAAGGGGGGGGAAAAGAACAGAAAGGAAGAGGAAAAGAACAGAA AAGAAAAGAAGACAACGAGCGGGGAAACAAGGGAAAAAAAAGGGGAAAAG AAAAAAATACCAACCGGCCAAGGGGGGAACCGGAAGAGAGAGGAGAACGG GGGAAGGGGAAACTTAAGGAAGGAAGGGAGGAAGGAAAAGGGGAAGACC GAAGGAGGGGGGACGGAAGAAGAGGGCCGGAAGGGAAGGGAAAAAAGGA AGAAGAAAGGGCAGGAAGGAGAAGGCAGGGGAAGGGGAAAAAGGGAAAAA AAAGGAGGGAAGGGAAGAAAAAAAGGGAGCCGAACGGAAAACCGAGGGGA A G G CGGGAGAAGAAAAAAAAGGGAAAGGGGAAGGGGGCCAAGGCCGGAAA GGAAAGGAGAAGAGAAAAACCGGCAAAAAAGGAAAAAAGAAGGAAAGGGA AAA $\operatorname{l}$ GGGGGGGGGAACAAAAAGGGGAAAAGGCCAAGGCCAGCAAAGGCCC
 ATAGGGGAGAAGAGCAGACCAAAAGGAGAACACCGGAGGGGGAAAAAAAC AGGAAGGGGAGGAAAAGGGGGAGGGGCAAAGGAGGAGAGGAACACCAGG GAAAAAAAAGGAGCCGGGGGAAAGGAAAGCCAAGAAAGAAAGAAGAGAGA CGAGAAAGAGAACAAAGAACAGGGGGGGGGGAGGGAAAAACGCGGGGAA GGAGAAGAAAGGGGGACCGGAAAACCCAGGGGAGGGAGGGCACACAGAG GAAAAGGCCAAGGAAAAGGAGGAGGGGAAAAGAGAGGAAAACAAAGGGGA AAAAAGACCAAGGGGAAAAAATAGGACCCTTAAGGAACCGAGGAAGGCAG AAGGAAAAAAGGGGATAGAAAGGAGGAGACAGAGAAGGGAGGGAAAAGAA AGAGAGGAAAAGGAATTCCACGGGGAAAACCCCGGCCGGGGGGAACCGGA AAAAAGGGGAAGGAAGGGGGGCCCCGGAACAGGAAAAAAAAGGAGGGGAA G G GA $\operatorname{l}$ G G G GAAAAAAAGGGGGGAAAAGGAGAGAAAGGGCCAGAGGGGGGG CCAAGGAAGGAAGAGAGGGGAGGGAGGCATACGGAAGGGAAGAAAACCAC G GAGGGGAGGGGCCAACCAAGGAGAGAGGAGGAAGGAAAGAAGAGACCAA AAAAGGGGCACAGGGGGGAAGGTTAACAAAGAAAGGAAAAGGCAGAAAGG ACGGAAAGGGACGGGGGAGAAGCCCCGAGGGAAGAACCGGCCAAAAGGCC AACCGGGGAAAGAGCCAAGGGAGGGGGGGGCCGGGGGGAAGGGGAAAAG GGGAAGACAGACCGGAGCCGGGGGGGGAAGGCAAGAGAGAAGGCCAAGG AAAAAAGGAAGGAGAGGGGGGGGAGGGGGGGGGGGGAATTAAGGAACCG GGAAGACAGAGACAAGGGGGAAGAGAGGAGAAGACGGGAAAGGCCGGAA GGAAAAAACCAAGGAACCAAAAGGGGAAGGAAGGGGGGGGCCGGCCGGAA G G G G G GAAAAAGCAGGAAAAAAAACCAGAGGGAAGGCCAAAGAGGGGAGG AGGGAAGAAAAGAGGACGGGGAGGAGGGAAAAGGGGAAAGGAGGGAGGG

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G G GAGGAGGAAGCCAGGGAAACGAGGAGAAACACGACAAAGGGAAGAAAG AA G G G G GAAAGGAAAAAAGAACCCCACAAGCAGGAAAGGGGGCCGAAGGG G G G C G GCAAGGGAGAGAGGAGAGGGAAGAACCAAAAACGGGGGACCGGA AAACCAAACAAGGCCGGAAAAAAGGAAAAAAGGGGAGGACCGACAAATAA AAAAAGGAGAAAAGGGGCCAAAAAAGGGAGGAGAACCAAGAAGCCGGGGG GAGTTAGAGGAAGAAACGGAGAGAGAAGGAAAGAGCAGGGGACGGGAGG CAAGAGAGAAGAAAAAAAGAAACACACAAAGGGGAAGGAGGGAAGGGGGG GAGAAAGAAGGGCCAAAAAGACGAGGCCAGAGGACCCAGGAAAAAAGGGG AAAAGGGAAAGGAGGAGAGAGGGGCCAAAAAGAACAAGGGGAGAAAGGAG GGAAGGAGGAAAGAGGAACAGAGAAGCAAAGGCCCAGAGGGGAGACGACA AAAAAAAGGACCACCAAAAAAAGGGGGGTTAAGGCCGGAGGGAAAAGGGA GGAAGGAAAGAAAAGGGGAAGGAAAAGGGGAAAAGGGAGAAGAGAGATGA GAACGGAAAGGGGGAAGAGGAAGAGAAGGGAAGGACAACCGGAAGGGGG GACGAAAAGGGAAATGAAGAAAAGGAACAGAGAAAAAGGGGAACAAGAAA AA $\operatorname{A} C C G G A A A G G G G G G G C C A A G G A C A G G G G G G G A A A A G G G G A A G G G G A A$ AAAAGGGGAAGGCCAACCGGGGAGGGGGGGGAGGAAAGAGAAGGAAACG GGGAAAAAAAAAAAAAAAAAAGAACAAAAGAAAGGGGAAAAGGAAGGGAC AAAGAAAAGAGCCAGAACAAGAGCCAAAAAAAAGGGGAAAAGGGGGGAAA A G GAA G G G G G GAA G G G GAACAA GCCAAAAAAGGGGAAGAAAGGGGAAGG AGAAGGGAGAGAGGAAGAAGAGGAGGGGGAACAGAAGAGGGGCCGGAGG GGAGAACACATAAAAAGAGAAAATTAAAGAGCAGGAGAAAGACAGGGAGA GACCGGGAAAACAGACCGGGAAAAACAACAGAGAGAAAGAGGAGAGAACA AA G G GAAGGCCAACCAAACAAGGAAGGGGGAGGAGACGGAAGGGGAAAAA G G G GAAA $\ln$ AGGGGAAGAAGAAAAGGGGAGAGAAGGGAACAAAAAAGGAG GGCCAGAAGGGAGGAAAGAAGGGAAAGGAAGGGGAGGGGGAAGGACCCA GAAGGAAAACCAAAACCGGGAGGGGGGAAAAGGAGCCGAGGAAGACACGA AGAAACCAAAAAAAAGAAACCCCGGGGAAAGAAAAAAAAAAGGAAACCAG GAGGGAGGGGGAAGAGGAAGAGGAAGGGGGAAAGGGGGGGAAGGGGGAA GAGGGAAAAGCAGGAGGGAACCGGAAAAGGGGGGGGGGAAAAAAAAAAG GGGAAAAGAGAACCAGGCCGAAGGGGGAAAGGAAGCCAGGGGACAGGAAC CAAAAAAAAGACCGGGGCCAAAAGGAAAAAGCCGGAACCGGAAGGAGAAG GCCAAAAAAGACCAGGAGGAGGGGGGGGGGAAAAAGGAAGGAGAACCAAA AGGGGAAGAAGAGAGAAAACAGAGGAAAGGGGGGGGGAAAGGGGAAAAC CCAACCGGAAAGTAGGACAAAAAACAGGGAAAAAAAACGGGGAAAACACG AAGGCCCCAGCCAAAAGGAAGGGGGGAAGAAGAGGAAACCACAGCCGGAA AAAGAAAGGGAGCCAGGGAGGACCCACAGGGGAAGACAAAAAGGGACCAC A GA GAGGAAAGGGACCGGGGAAGGAAGGCCGGAAAGAACCGGGGGGGGA AAAAGGGGGAGAGGGGGAAGACATAAAAAGGGAGAAGAGAGAGCAAGAAG GCCCCGGCCGGCCGGGGGGGGAAAAAGGGCAAAAGAGACGGAGAAGGAAC CGGAAAGAACCCCGAGGGAGGACCCAAAAAAAAGGCAGGAAACAGGAAGG G G G G GAAGGGGAAAAACAGGAAGAGGGGGGGGGAAGGAAAACAGGAGAA G GAAAAGGAAAAGGAGAAGGGGAGAAAAGAGGGGGGGAAGGAAAAAGGG AGGAAAAAAGGAAGAGAGAGGCCAGGAGGGGAGAAGGAAGGGGGGGGGG G G G G A G A GAGAAAAGGAGGGAGGGAAGGGAAAAAGAGGGGAAGGGGGGG GGGAACCAAAACCAAGAAGGAAGACAGGAAACCAGGGCCAGAGGAAGGGC CAAGGGGAAGGAACCGGGAGGAGAGGGCCAGAAGAAAGAGGGGGGGAGA ACAGCAAAAAAAGGAGCCGGGGGGAAAAGACCCCACGGACAAACGGGGAA CCAAGGAGTTGGGGAAGGGGGAGGAAAAAAGACAGGAAAGTTAAGGAAGG G G G G A G G G G G AA G GAAAGCCAAAAGGGGCCGGGGGGAAAACCAAGGGGG GAAGGAAAAAAGGGGGGGGCCAAGGCCAAGGGGGGAAAACCAAGGCCCCC CAACCGGAACCAAAAAAAAAAAAGGGGGGAAAAGGGGCCGGGGAACCAGA GAGGAGGAAAGAGGGGGCCGAAACCGAAAGGAACCCCGGAAGGAAGGGGC CGAACCAGGAAGAGGAAAGGGGAGGGAGGCCGGCCCAGGGGGAGAAACAA G G GACGGACGGCAGGGGGGAAGGGGCCAACCAGGGGGCAAAAGGAAAGG ACAGGAGGCAGGGGGGGACAAAAGGGGAGACAGGGGGGCCGGAAAAAAA AGGAGGAAGAGGAGGGGAAAACCGAAAGAAGGGAGAAGGGGACGGGAGG
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 CA $\operatorname{G} \operatorname{GAG} \mathrm{G}$ G GAAGGAGAAGGCCAAGGAAGGGAGACAGAAAGATTGGAGGG AA G G ACGGAAAAAAGGAAAACCGGAAGAAAGGGGAAGGAAAAGGAGGGAC CAGAAGGAAAGGGGAAGGGGAAGGGGACAGAAAGGAAAAGGGGGAAGGA ACAAAGGAACACCGAGGAAAAGGGAGAAGCAAGGAACGAGAAAAAAAGAC AAAGGGGAAAACACCAACCGGCAAAGGGAGGAAAAGGAAGAGGAGGGGGG AACGGGGGGAAAAGGACGGGGAAACGGAGAGAGAAGGGGAGAGGAAGAG AGAGGAGGGAGAGGAGGGAAAGGAGGCCCACCGGAGAAAGAGAGAGGAG
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GGGAAGACCAAGGGGGGCCAAGGGGGGCCGGAAAAAAAAGAAGAAGGGA G G G G G AAAAAAAAAAAGGGGAAGGGGAAGGGGAAGGGGAAAAAAAACCAA G GAAAAAAGGGGAAGGAAAAGGAACCCCAAGAAGGGCCGGAGCACAAGAA AAAAGAAAGGAAGGGGGAGGAAAACGAAAGCAAAAAAAGGAGAGAAGAGG G GCAAAACAGAGCAAGAAGGAAGGCCGGGGAGGGGGGGCGGAAAACGAAA GGAAAAAAAAGGAAAACCGGAAAAGGCCAAAAAAGGAACCGGAAAAAACC AACCAAGGAAAAGGGGGGCCAAGGGGGGGGGGGGAAGGCCCCCCGGAAG GGGAACCGGGGAAGGAAGGACGAAGAAGAACGGAGGGGAAAAAAAGAAGG G G GCCTAA G G G G G G G A A G G G G G G GAAGGGGGAGGAGACCAGGGCCCCCC AGAAAGACGGAAAAAGGGGGAGAAAAAAAGGGGGTAGAAGAAACGGAAAA AAAAGGGGGAAAGGCCAAAAAATTGGCCAGCAAGAAAGAAAAAAGGGGGG G GCCGAAAGGGGCCGGAGGGAGGAGGCAGGGAGGGGGGGAGGGGCCAAA AGAAGGGGGAAGGCCCAAGGAAAGAGAAGGGGGAACAGGGGAGCAACCCG ACCAAAAAAAAGGCCGAGGAGAGCCAGAAAAAAGGAAAAGGAACCAGGGA AAAAAGGGGAAAGAGGACCAGAAAAAGAAAAAATTAAAAAGGGAAGGGAA G GAAGGAAGAGCCAAAGGACAAGGGGGGAGGAAGGCCAAGACAAAAGGGA AGCAAAAGGAACCGAAGAAAGGAGGAAGGGGGGAAAAAAGAACAAAAAGG GAA G G GA GAGAGAAGAGGGACAAGGGGGGCAAAGGAAAGGAGCAAAGGG G GAGCAAAAAGGGGAAAAAGGCGAAGGAAAGGCCCCAAGACAGAAAGAGG ACCAAGCCAGAGAAAAAGGAGGGCGGACGGAACCCCAAAAAGAGGGAAAA GGGGAAA GAAAGAAGGGAGGGGGGAGGAGAGAAGGAAAACCCGGAGGGG G G G G GAA G G G GAATTGGGAAAAGCCGGAAGAGGGGAAAAGGAGAGGGGA AACAGGCAAGAAGGAAGGGGGGCAGGGGGGCCAGAAGGGAGGGGGGGGG GCCAAGGGGAACCAAGGAGCAAAAAGAAGGGGGAGAAACAAAGCCGGAAA AAAGAAAGAGAAGGAAGAAAACCACAAGGAAGGGGGGGGAAGGAAAAAAG GAAAAGGAAAACCCCAAGGCCGGAAAGAAAAAAAACCAAGGGAGGCCGGG AAAAACAGGAGGGGGAGGAAGCACCGGCCGGGGGAAAACGGAAAAGAAGA CGGCACCGAGGCAGGGGAAGGGGGAGAGAGGAGACCCGAAAGGGGGATA CCGGACGGCCAGAGAGAGAAGAGGCCAAGGGAAGCCGACGGGCCCCGGGG CCGAGGAGGGGGAGCCAAAGGGAGGAAGGGAAAAAGGAAGGGGGAGAGA CAAGGAGAGGGGGGGAAGGGGACGGTTAAAAGGAAAAAAGGGGCCGGAG ACGGGGAGAAAGAAAACCAAAGGGAAAGCCAGGAAGAAGGGGAAGGCACC A GAAAAGGCAAAGGCCAGACAGGAAAGGGGGGGGGGGGGAGGGAAGGGG GAGAACCGGGGAAGAGGGGCCCAGGAACCGCGGAGAAGGAAAGAGAGAAC CGGCAGGAGGGGAAGGGAGCAGGAGGACAGGCCGGGGAAGGCCGGGGAA AA $\operatorname{l} \mathrm{G}_{\mathrm{G}} \mathrm{G}$ GGCCAAAAGAGGAGACGGAAAGAAAGGAAAGAAAGAGGGGGGG A G G G GAA G G G GAA G GAAAAAAGACAAAAGGAGGCCCCCCGGGGAAGAGGG GAAGGGGAAAGGGAAGGAGAAAAGACAACGAGGAAGGAGCAGGGAGGAG G G G GAA G GAAGGGGGAAGCCAAGAGAGATAGGGGCACACAAAGGAGAGCA AA G G G GAAAAGGGAGGAAGGAAGAAGAGGGAAGGGGGGCAAAGGACAGG
 AAGGAGAAAGGGGAGGAAAAGGGGAAAAGGAAAAGGGAGGGAGCGGAGA AA G G G G G G G GAA $A$ AAAAGAAGGGCCCCGGAAGGGGAAAAGGCCGGAAGG AA $\operatorname{A}$ ATTGGGAGGAGGGAAGAGGAAGACCGGGGCCGGGGAAAAAACCAACA AGGGAACGCCGAAAGGACAGAGAGACGGAAAAGGGGAAAGGAGGGGCAAA G G G G G G G G C C GAGGCGGGAGGAAAAACCAAGGAAGGAAAAGGAAAAGGA G GAGAACAACAGGGGCCGGGGGAATAAAAACAAGGGAGAGGACGGCCGAA GAAAACCGGGGGGGAGGGAAAGGGGAAGGCCAAGACCAAGGGGGGGGAA AAAAAAAAAAAAAAGGCCCCCCAACCAAAAAAGGGGAAAAGGGGGGCCCC CCGAA GAAAGGAAGGAGGGGAAAGCAAAGGGGGGCCAAGGAAGGACAGGA CCGGGGGGAAGGGGGGAGGGCCGGGAAGAACCAAGGACAGAGGGCCGGG GAAAAAGGGGGAGGGGGAAGGAGAGGGCCGGAAGGCCAGAGGCAAAACC AA $\operatorname{G} G \mathrm{G}$ GAAAAAAAAGGGGGGACGACAAGAAGGAGGGAAAGAAGGGAACCC AA G G A G G G G G AAAAAAAGGGAAGGGAGGAAAAAAAGGGAAGGGAGGAATA GGAGCCAAGGGGGGAAGGGAGAAAGGAAAAGAAAGAACAGCCGGAGGAGA GAAAAGAGGGAAAGAATAAGGAAAAAGGAAGGGGGAAAGGGGGGGGACAA AAAGAGAGGGAGGACCAAAAGGAAGGGAAGAAAGCCAAGGAAGACAAAAA AAAAGAAAGAGAAGAAGGAAAGGGGGGAAGGGAGAAAGAGACGGGGAGG AGGAAGAGAAGGGGGGGGGCCGAAGGGAAAAGGGAGGAGCAGGAGAGAA AAA A A G G G G G G G G G A A A A G G G G A A G G G GAA $\operatorname{A}$ GGGAGAGGGGGCCACCCG A G G G G G G G G GAACGGGGAGAGGGAAAAAGAAAGAAAGGGAAAAGGGAAA

GAAAAGAAGAAGGAAGAGAGCAGAAAAGCAACAAGGAAAAAAAAGGGGAA G GCA GAAA G G GACCAGGGGGGGAAGAAGAAGGGGGGGGGACCAAGACAC AA $\ln$ A $\operatorname{A}$ A $\operatorname{A}$ GAAGGGAAGAGGGAGGGGGGGAAAACCGAGAGGAAAAAAAAA GGAAGAGAAAAAGAGAAAAAAAAACAGGGAAGGAACCGGGGAAAAAGGAG AGACCGAAAAAGGAAAAAGGGGGAAGGAAGAAGGGAAAAAGGAGGAGGGA GAGACCCGGGGAGGGGAGGCCAAAGAAAAGGAAGGAAAGGAAGCCAAGGA AGGGGAAAGAAGGGGCCGGAAGGGGAAAAAAAAAAAGGGAACCGAGAGAA CAGGAACAGACAGACAGAAGGAAAAAAAAAAGGGGAAACGAAGAGCAGAA ACCAGGGACAGAAAAAAAGCCAGAAGGGGCAAGGGGACCGGGGGGGGGG AAACAGAGGGGACCACCGAGGGAAAAGGAGAAGGAAAAAAGGACGGAACC GGCAAGGGAGAAAGAAAAGGAGGGAGGGAAGGGGAGGGAAGGCCAAGGG AAGAACCGAAGGAGGAAGGAAAAGGAAAAGAGGGGGAAAGAAACCAAGAA AAAAAGGAGATAGGGAAGGAAAAAAAGAGAAGGAAAAGCCCAAAAGGAGA GGACAGAGGGGAGAAAAAAAAAAAAAAAAGGAGAGGGAAGGGGGGGAAGA AAAAACCGGGGGGGGAAGGAAGGGGAAAAGGGGGGGGAGGGAAAAAAAA AAAAAAAGAAAAAGGGAAAGGAGGACAGAAAAGGCCGGAGAAGGGGAACA AAACGGAGGAAAAAAAGAAAGGGAGGAAGGAAAGGGAGGGAGGAGGGGG GGGAAAAAAAAGGAAAACCAAGGGGGGAAAGAACCAAACGAGGGGAGAGA GCAGGAGCCAGAGGAGAAGAAGAGGGGAAGGACGAAGGACCGGGGGGGG CCGGAAGAAAGGAAAACCGGAACCCCAAAACCAAGGGAAAGGAAGGTTGG AA G GAGAGAAGAAGGAGAGGGAGGAAAGGGCAGGGGAAAAGGCCGGAAG
 AA GAAGGGGACCCCCCAACCGGGGAAAAAGAGCCCATTAGAGGAGGGAAG CAAAAAGGGGAGGACCAGGAGGGGAAGGGGGGGGGGGGGGCCAAAAGGC CAAGGAAAAGGAAAAAAGGAAACAAGGAAGAGGAAAAGGAAAAAAAAGGA AAAAAAACCCCCCCCAACCAAAAAGGGGGAAAAGGCAGGGGGGGGAGCCG GAAAAGGAAAAAGGAGGCCAAGGGGGACCCCGGAGAGCAGAAGAGAGTTG GGACAGGGAAAGGGGCCCCAGGGAAGGAAAAAACAGGCCAAAGAGAAAGG GGGGGGGCCCCGGCCAGAAGGAAAAAAAGGAAGGAAAAGACAGGGAAAGG AAGAAAAGGAAAAAAGGGGGGCAGGAAAGAAAAACGAAAAAAACCGGAGG GGGGGAGTAAGACAGAAGGAAGGGGGGAAAAGGCAAGGGAGAAAAGGAG GGAAAAGAAGGACCAAGGGGAGGGAAGGAAGGAAGGAAAAGGAAGGAAG GCCCCAAGGAACCGGGGAAAAGGAAGGAAAAGGAAAAGGAAAACCAAGGG
 G GAA G G G GAAGGCCAAGGAAAAGGAAGGAACCAAAAAAGGGGGGAAGGG G G G A A G G G G G G A A A A T T G G T TGGAA G GAAGGGGGGGGGGAACCAAAAGG AA G GAAAAGGAAAAGGGGAAGGGGAAGGCCGGAAGGGGAAAAAAGGGGC CAAAAAACCCCAAAAAACCAAAAAAGGGGAAGGAAAAGGGGGGAAGGAAG AAGAAAAGGAACAGAACACAACCAAGGCCAAAAAAAGACAGGAGAAGAGA TA $\operatorname{la} A \mathrm{G}$ GAGGGAAAAAGGGGGGGGAAAAGGGAGAACGAAGAGGAACAGGG AA $\operatorname{GGAAAGGGCAAAGGGGGACCAAAAATCAAGGGAGCAAAGGGGCCAGGG}$ AAAAGAGGACAGAGCAGGGGAAAGAACCAAAAGGAAAGCCCAAGAAACGA A GAGGGAAAAGGGGGAGGAGCCGGACCAACAGAGACACACAGGAGGAAAG AGAACCAAAGGAAAGGAAGAGAGAGGGGCCGGTTAGGGGAGGGGAGGGA CAGAGGGATGGGAGAAAAGGGCAAAAACCAGCAGGGGAGAAAGAAAGAGG GGGTTAAAGAAAAAGGGGAGGAGGGGGAGAAAACAAGAAGGCCGGGGAAA AGAAGATGGAGAGCCAGCCAGAAGGGGGGAAAACCAAAAAACAAAAAGGG G G G G A A G G G G G GAA G G G GAGAAAGGGGGAAAGGGGGGGGGGGGGGAGAA CAAAGGACAAAGGGAAGGAAGAAGGGAGAGGAAGGGAAAAGGGGAAGACA AA G GAAAAGAGACCAAGAAAGGAGAAAAGGAAGGGAAACCAAGGGAAGGG AACCGGGGCCGGGGAGGAGAGGAAAAGGGGAAGGAAGGGGGAGATTAAG GAAAAAATTAAAGAGAGGGAGAAAAAAGGAAGGTTCCGGAAGAGGGACCG GAACCGGAAAAAAGGAGGGAACCGGAAGGGAAGAAGGAAGGAAAAGGACG GAAGGAAGAGAAGCCGGGACGCAGGAAAAAAGAGGGAGGGAGGAGAAAAA AAAAAATCGAAAGCCAAAGAGAGAGACAGAAGAAAAAGAATAGAGAGAGG GGGCCGGGGGCGGGAGGAGAAAAGGGGGGAGAGCCAAGAAGAACCGGGG G GAAACGGGGAGAGAGAGGGAGAAAAGGGGGGCAATGGGAACAAGAACAA AAAAGGAGAGGGGGCCACGGAGAAGAGACCGAAAGGGGGGGAGGCCAGC AAAGGGACGGGCCAAGGCCAGCCGCAGAGGGAAAAGGAAAAAAAAAAAAG GGGGGGGAAAAGGAAAACCGAGGGGCAGACCCAGCTACCGAAAAAGAAGC CAAAGGACGAGAAAGGGCCAAACAGAGAAGGCCACAAGAGGGAAACCAGG

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 AGGCCAAAAAACCAAAAGGAAAGGGCAGAACGAACAAAAGGGGAAAAGAG GAAGGTAGGCCGGAGAGGGACGAGAGGAAAGAAAAGAAACACAGGGGAGA AGGACGGAAAAGGAAGGAGAAAAAGAGGGGGGAGGGGAAGGGAAAGAAG G GCAAAAGGAAGGGAAGGAACCAAGGGGAAGGAACCGGAAAAAAGGGGGG CCAACCGGAAAAAAGGAAAAAAGGAAGGCCGGAAAGGGGGACGACCGGGA CCAAAAGGGGGGGGGGAGGAAAACGCCACAGAGGCCGGGGGGAAGGGAC AAAGGGACGCAGAGGGGAACCAAAAGGGGAAGGAAGGACAACCCCAGGGG G G G G G G G A A G G G G A GAGGAAGCCAGAAAGGGGAACAGGGAAGAAAAAGA G G G A G G G A A G AA GAGAGGGGGACAAACCGGCCCCGGGGAAAGGGGGAAG AGGCCGACCGGAAAGGAAAAAAAAAAAAAAAAAGAAGAACCAAAGAAAGC CAAGGAAAGAGACGAAGGGGGAGGGAGGGGGGGGGCAGGAAAAAACCCC G GCCAGGGGGCAGAAGCCAGATAAAAAAGGCAAAAGGGGGGGCCAAGGAG AAAGAGAAGGAAAGGGAGGGAAAAAGCCGAAAACAGCCAAGGACGGGGAA AGAAAAGGAAAAGGAAAAGGGGGGAACCGGAACCCCGGGGCCAAGGGGAA GGCCGGAAGGAAGGAAAAGGAAGGAAAAAAAAGGGGAAGGCCAAAAGAAA AAGACAGAGAAAAAAGCACCAAGGGGAAACCCAGAAGAAAAGAAAAAAGG A G G G G G G GAAA G G G GAAAA GAAGGGAGGGGCCCAAAAAAAAGGGCCAACC A G A A G G A A A G GAAGAGAGAAGGGGGGAGAGGAAAAGCAGGAGAGAAAAGA AA G G G G G GAACCAATTGAGACCACAAGGAGGAAGACGGAAAGGAAACGGA CCGGGAAGCCGGGGAAAACAAACCCAGAAAAAAGGGCCGGAAGGCCCCCC CCGGAAAAAAGGAACCAGGAAGGGAAGAAAAGAAGGAACCAGGGAGAAAA GAAAGGGGGGAAAAAAGGCCCCGGAAAAAACCAAAAAACCGAAAATGGGG CCGGAAAAAAAAGGGGAAAACCAAAAGGAACCAAGGGGGGCCGGAGAAAC G GAAACAAGAAGAAGAGAGGGGAGGGGGGGGAAAAAGGCCGGAAAACCAA GGGGCAAAGAAGGGAAAAGGAGCAGAGGGAGGGGGAAGGGGGAGAAAAC AA $\operatorname{A}$ GAGGGGAGACGGGGAAAGAAGGGGGAGGAAAGGGGGGACCAAAGGG AA $\operatorname{l}$ GGGCAGGGAAAAACCGGAAGGGGGAGAGGATGGGGGGAGAAAAAAA GAAAGAAGGGGGGAAGGAGAGGGCCACCAGGAAGAAAAAAAAACCAAAAC

CGGGAGGGGGGAAGGACAGAGGGAACCGGGGCCAACCAAAAGGAACCGG GGAAGGGGGGGGGGGGGGGAGGCCCAGGACAACCAGAAGGGGAGGAGAG AAGCCAAGAACGGACGGGAAGGAGGGGGGCCGGGAAAAACAAGGAAGAGA GGAAGCCAAAAAGAAGGAGGGGGAGGAGAGAAGGAGGGAACGGAAAGAAA AGGAGAATACAGGAGAGACGGAAAAGGCCAGACAGAGAGAGGAGGAGGGA AACAGGGAGGGAGAAAGGAGGGAGATTAAACGGAAAGAAGGGAGGACGGA AGGGGAGAAAAGAGGAAAAGGCCAACAGAAGGGGGGGAGGAAGAGAGAAA ACCAAGGGGGGAAAAAAGGGGAAGGGGAAAAAAAACCGGGGGGGGACGG GGAAAAAAAAGGACAAAAAAACGGAGAGAAAAGAGGAAAAGAAGGGGGAG AACCGGCAAAGGAAAAGGGGAAGGGGAAACGAGGAAAAGGGGAAGGAAGA GGAGGGAGAGGAGAAGGGAAAACCGGAAGGAAGGAGAAGAGAGAAAGGA GGGAAGGAAGAGAGGAGAGGGAGAGACAAGGAAGGAAAACCAAGGCCGG GGAAGGAAGGAAAAAAGGTTGGAAGGAAGGGGCCGGGGGGCCGGGGAAG GCCAAGGAAGGAAGGAAAAAACCCCGGGGGGGGAAAACCAAAAGGAAGGA AGGAAGGAAGGGGGGAAGGCCGGAAAAAACCAAAAGGAAAAAACCAACCG GAAAAGGGGGGAAAAAAGGAAGGGGCCGGGGGGAAAAGGGGGGAGAGAA ACGAAGACAGAGAACCAGAACCGGAGAAGGGGAGCCAGGGGGGAGGACGG GGGGAGGAAAAAAAGGGGGGAACAAAAAGGAATTGGGAGAAAAAAGAGCC AAAAAAAAAAGGGGAAGGGGAAAAAGGGGGGGAGAAGAAAGGAAAAAAGG GGAAGGCCGAAAAGGAGGCCAAAAAAGGAAGGAAAACCCCAACCGAGGAA CCAAAGGGGAAAAACCGGGGGGAAAAAAGAGAGGAGCAAGGAAGAAGACC GGGGAACCAAGGAACAGGAAAAGACCGAAGCCGAGGAAGGCCGACCCAGG GAGGGAGAGAAAGAGGAAAAAAGGAAAAAACAGAAGAGGAGGAAAAGGGG ACCAGGAAAAAAAAAAAAAACAGGGACCAGGAAAGGCCGGAAACGAAGGG AAGGAAGGGGGAGGAAGGGAGGAAGAGGGAAAGAGACCAGAAAAAAAGG GAGACAAAAGAGGGAAAGAGGAAAAGAAAGGAGGACGAAAAAAGGGAGAG GAACGAGAAAAGGGAGAAAAAAGAGGAGGCCCAGGGGGGGGAGGAGGAA GGGGCCGAGAAGGAAACCAACAAGCAAAAGAAGGGGGGGGAGAACAGAAG GGAAAAGAGGAACAAAGGAAAGAGAGGAGAGGGGGAGAAGGAGAGACACC GAGAACAGACCAAAAAAAGAGGAGGGAGACGAAGAAGGAGGGGGAAAGGG AAGGAGGGAGAAGGGACCCCAAGGAAAAAAGGAAGGGGGGCCAAGGGGG AAAAGAGAGCACCGGGGGGGGAGAAGGCCGGAAGAGAAAAAAAAGGGGAC CGGGGCAGGGAGAAAGGGGAAGGGGGGAAAGGAAACCAACACAAGGGGG GGAAAAGGGGAAAAGGGGAAGAAAGGAAGGGGGGAAAGAAGGAAGGAAA ACCAACCGGGGGAAGACAGGAGAAGGAAAGGGGAAAAGAAGGGAAAACCA AA G G G GA GAA G G G GAGAGGGGAACCAAGGGGGGAGGGGGAGAGAAGGGG GGAAAAAGCCAAAAGGGGGGCCAAGGAAAAAAGGAAAAAACCAACCGGGG GGGGGGGGAAGGAAGGGGGGCCGGGGAAGGAAAAGGGGGGGGGGGGGG GGGGAAAAAACCGGAAGGAAAAAAGGGGGGGGGGGGGGGGGGAAAACCC CAAGGAAGGGGCCGGAAGGGGGGGGCCCCAAAAAAGGAACCGGAAAAGGG GGGAAAAGGGGGGCCAAGGGGGGAACCGGAAAACCAAGGCCAAAACCGGG GTTGGGGAAAACCGGGGCCCCGGAAAAAACCAAGGAAAAAAGGGGGGGGA AAAGGAAGGGGGGGGAAGGAAAACCGAAAGAGGAAGGGGAAAAGGCCAAA AGGAAAAGGGGGGAACCGGAACCGGAAAAGGGGAAGGAAGGGGGGGGGG AAGGAAAACCGGGGGGGGGGAAAAGGAACCAAGGGGAACCGGGGGGGGA AAAAAAACCGGGGAAAAGGAACCCCAACCCCGGAAAAGGGGGGCCGGCCA AAAGGGGACGAACGAGAAAGAGACCGGGGACAAAAGAACAGGAAACCAGA ACCGGGGAAGAGGGGGAAGAGCAGGAAAGAAAAGGGGGGGGAAGGAAAA GGAAGGGGAAATGGGGGGAAGAAAAGGGGGCAAAGGGGAGAAGAAGACA AGGACAAGGAACCAACCAGGGGGAAGAGACAGGAGGAAAAGGGGGAGAAA AGGAGAAGGAAAAGGAGCAAAAACAGAGGGGAAGGGGAAAGGGATAGCCG GGGCCGAAGGGAGGGGGAAGAGGGGGGGAAGGGGAAGGACCGGAAGGAA AGCCGAGGAGGGGGAAAAAACCAAAAAGGCCAAGGGACAGACGAGGCCGG GGACGGCCAAAAAAAAGGCAAAGGGGGAAGGGAAAAGGGGCCTTGGAAGG AAAAAAGGAAAAGGCCAAGGAAAACCAAAAGGAACCGGGGAAAAAAGAGG GAAAGAGAAGAAAAAGAGCAGGAGAACAAGGGAAAAGGACAGAGAACCAA GGAAGGGAAAGGGAAAGGGAACGCGCAGAAACCCGGAGGGAAGGGGAAG GGGAAAAGGCCAAGGGGAAAAGGCCGGAACCGGGGGGAAGGGGGGAAAA GGGGAAGGAAGGGAAGAGAAAGAAAAAGGAGAAAAAAAAAGGGGGGAAGG GGGAGACCAAGGAAGGGGGAGGGGAGGGACAAGGACCAGGGAAGGGAAC AAGAGAAGAAGGGGAGGAAAACCGGAAGAAAAGCAAAAAGAGGCCGGGAG

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AAAAAAGAAAAGGAGAAAGGAAGGAAAGGAAAAAAAAAAAAAAAAAAGAC CAAAAGGCCGAAAGAAAGGCCCAACGGGGAGGGCGGGAAAAACAGGGAGA ACCAAGACCGAGGGAAAGGGAAGGACCGGGAGGAAGAGGGGAAGGGGAA ACGAGGACGGGGAAAGGAGGAGCAGGGGGGAGAAAGAAAAAAGGCCGGA AGGAAAAGGGAAGAACCGGAAGGAAGGAAGGAAAAGGCCCCGGAAAAGGA A GAGGGACAAAGACCGGGGCCAGGAAGAGGAGGAAGGGGAAGGGGAGCA ACGGAGGGAAGGAAAGAGAAGGACAGAGAAAACCAGAGCCAAGGCCGACC AA $\operatorname{G} \operatorname{GGGGGGGAGAAAAGGGGAAAAAAGGGACAGAACCGGGGAAGAGAGA~}$ A G G A G A G GAGGGGAACCGGGGGGAGAAGGAGGGAGGAAAGGAGCAGAAA
 GGGAGGGGGGGAAAGGGGAGATAAAAAGGAGAAGAAAGGGAAAAGGGGA GAAGGGACGGGGGGAACCGGGGAGAAGGCCAAAAGGAAGGAAGGAAGGG GAAAGAAAAAAAAAAGGGGGGGGGGAAGGAAACGGGGCAAAGGGATAAGG GGGGAAGGAGGGGGGCCAAAAAGAGGGCCGAGACCAAAAGGAAAAGAAAA GAGACAAAAGGAGAAAAGGGGCAACAAGGGGGGGGGGGGAGGGAAGAGG CCAAAAAGGGGGAAGAGGAGGGAAGGGGGGGAAAAAAGGGCCGGCCAAA GAGAAAAAAGGGAAACCGGGGAAGGGGGCGAAAAAAAAGGGAGTTGGAGC CAACACCGGAGAAAAAGGGGAGGGGAGAGGAGAACGGGGGAGGGGGACC GAGGGGAGCAGAAGAGAAAGGGAAAGAGGGAGAAGAATGGAAAAGGAAAA TA $\operatorname{l}$ GGGGGAGAAGGGAAGCCGGGGAGAGGGGGGAGGGGGAAAAAAGAGC CGGATACAAAGAGCCAAGGCCAGGGGAAGGGGAGGAGAAAAAAGAGAGAA G G AAAA $\operatorname{GAA}$ A G G CAAA G GACAGGGGAGTTGAAACAAAAGGAAGGGGGGG G G GAA $\operatorname{la}$ AGGGGGAAAGACCGGGGACGGAGAAGGCCAGGGAAGAAAGGA GGACGAAACGGACAGCCCCGAGGGGGGGAGAAAAAAGGGGAAGAGAGGAA A GAA $\operatorname{l}$ GGGGAGGGAGGGAACGGGAAGGCCAATTCAAGGGGGGACCGCAG GAGACAGAGAGGGGGGGGGGGGGACCAAGGGAGCCAAGAAGAAGGGAAA GCCGAAGAACCGGCCGGAAGGGGAAGGAAAGCAAAGGAAAGGGGAAGAAA GGGGACCCCAGAAGGGGGAGGAAAAGGAACCAAAAAAGGAAGGCCGGGAG GCCAGGGAAGAGGGGGGGGGGCAGAGAGAGGAGGGGGAAGGAGGGAGAA GGGGGGGGAGAAAAGACCAGAAAAGGAGGGGAGAGAGAGAAGAGAGAAA GGGCAACCCAAGGAGAGGACAGGGGGGGAAAGGAGAGAAAGCAAGACGG GAGAAGAAGGGGGGAGGAGAATAGGGAGGGGGTTGGACAAAAGAGAGAC AGAAGGGGAAAGAAAGAGACCAAAAGGAAAAGGGGGGAAGGAAGGCAGAG GAAA G G G GAACAAGGGGAAGGGGGGGGAGAGAGAAGGAGGAAAAGGAGA ACAGAGAAGGGGAGCAGGGAAGCGAAGGGAAGACGAGAGAGAGAAGACAG GGGAGGGAAAAAGAGGCCAAGGAACCAAAAAGCCGGGGGGCCAAGGGAAG AA G GCGCAACGGAAAAAAAAGGGGAGACGGGGGGAAAAAAGAGGAGCCGG AGAGCCAGAAGGAAAGGGGAGGAAGGAAGGGAGGCAAAAGAACAAAAGAA AGAAAGGGAGAGGGAGAGGAGGAAGGAAAGAAAAAAAAGGAAAAAGAGAG G GAAGGAAGGAAAGCCAAGAAAAGGGAAAGACGAAGGAGAAACACAAAGG AGAAAGCACCACAAAGAAGGAAAAAAGGAAAAGGGAAAAGGGGGAAACGA AAAAAGAGGAAAAGGGACAAGGAAAGGGAGAAAACCAGAGGGAAAAGGGG GGAGAAGGAAGGGGAAACAAAAGGAAAAGAAAGGGGGAGGAGGGGGAAA AAAGGGGGAAGGGGGGAAGGAAGAAGGAAGACCAAGGACAACCGAAGAAG GCCAAGGAGGGGGGGAGGGCAGGGGGGAAAGAAAGCCGAGAGAGGGAAA ACGAAGGGGGGGGGGCAGGGGGAGGAGGAGAGAGGAAAGGGGACGAGAA AAAAGGGAAGGAGCCAGAGGGCGAGGAAACCGAAGGGAAGAGAGAAAAGG GAGGAAGGAAGGACCGGGGAAGGGGGAAAGGCCAAAACCCCAAGAGAGGG GAGGGAAAGAGGAAAGGAAAAAGAGGAAGCACACAACACGGAAGGGAGGA GAGCCCAAAAAGAGGAGCAGGAACCCCAAGGGGAGACAGAAAAAAGGGGA AAAAAGAGGGGAGAGAGAGGAGGAACCGGAAAGGAACGGGGAGAGGGAG GAGGAGGGGGAGCAAGAAGAAAGGGGGAAGCCAGGGAGGAAAGGGGAAA AA $\operatorname{A} G \mathrm{G} G \mathrm{G} G \mathrm{G}$ GAGGAGAAGGGGAGGGGAGAGAAGAAGAAGGAAAAGGAAG GAAAAAAGGGGAGAAAACAGAAGGAACCAACCGGGGGGAGAAGGAAGGAA AGGAGGAGAACAGAAAGGGGATTTAGCGGGGGCCGAGGGAAGCCAAGAAA ACGGCCAGGAAGGACCAAGGAAGGGGAAAAAAAAAAGGAAAAGGGGAAGG GACCAGCCGAAAAGGAGAAAAAGGAAGGAAAGAAACGAACAAAAAAAAGG AGGGAAAAGGTTGGAACCGAGGGAGAGGGGCCCCGGGGAAAAAAAACCGA G G G A A G G A G G G G A G AA G GAACAGAACAAAAAAAAGGGGGGGGGAAAAAGA GAAAGACAAAGGACTAAAAGGAGAAACCGGAAGGAGGGCCGGGGGGAAAA ATGGAGACAAGGGGAAAACACCGGCAAGAAGGAAAAAAAAAAAGCAAACA

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 G G A A TT TGGGGGGCAGGGAATAAACAGGGAACCGAGAGGGAAGGGGAGGA AGGAGGGGAGGGGAAAGCCCCAGGGCAAACACAGAGAGAAGCCGGAAGAC CCAGCAGAAAAGGAATTAAAGCCAAAGACAGAGAGAAAAGGAAGGGGAAG GGGCCGGAAGGGGAAAAGAGGAAGGCCCAAGGACCGGAAGGGAGGGGAG AGAAAACCAGGGGAGGAGAGAAAGGGGGAAGGGAGAAAAAGAAACCAAAA G G G GAA G GAAAAGGAAGAGAGAAAGGGGAAAAGGGGGGGAAAGAGAAAG GGGAGTTGAAGAGAGGGGAGGAAGGAAGGAGGAGGAAAAGGAGAACAGG AAAAGGCCAGAGCAAAGAAGCCCCGGAAGAAACAAAAGCAAAGAAAGAAG AA G GAGAAAAGAGGGGGGGGAAAGAAACAGAGGACAAAGGGGGGGGAAG G G G A A G G G G GAAAGGAAGGGAAATAATAGGGCCCCAAAGGGACGGGGCAA GCCAGAGGACCAAGAAAGGGGGGACGGAACCAACCGGGAAGAAAAGAAAA AAAAAAGGGCACCAAACGAGGGAAGAAGGCCAAAAGGAGGGGATAAAGGG GAAGGGGAAGAAGGGGAAAAAAGGGCCGGAGAAAAAAAGAGAAGGAGAGC ACAGAAGAGGGAGGGAAAGGGGGAAAACCCCGAGGGGAAAACCGGCCCCG GAAGAAAAAAAAAAAAAGGAAAGGGAGAAGGAAGGGGAAGACCCGAAGGG GAAGGAAAGAAAAAAGGGACCGAAGAGAAGGGGAGGGGGGGAGAAGGAC AGAGGGGGAAGGGAAGAACACAAAAAAAGGCCGGAAAAAAAATTGGGGAA AAGGGGAAGGAAAAGAGACAGGCCGGCCAGGGACAAACAACAAAAAAAGG AAAGGGAAGGAGGAGGAGGGAATTGGACCACAAAAGAAGAAAAAAAGGTT GGCCGGAAAAAAAAAAGGAATTCCGAGAAAGGAAGGAAGGAGGCAAGGCC CCAACCGGGGAGAAAAGGGGCCAAAGAAGGAGAAAAAACCAGCCAGAAGA GAAAGGAAAAGATTAAAGAGCCGGCCAAAAAAGGCCAAGGAAAAGGAAGG

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G GCCGGAAAACCGGAAGGGGAATTGGAAAACCCCGGCCAAGGGGGGAAAA AA G G AAAAAAGGAAAAAAAAGGGGGGTTAAAAAAAGGGGAAGGGGAAAAGG GGAAGGCCAAGGAAGGGGGGGGGGCCGGAACCAAAAGGAAGGAAGGCCG GAAGGAACCGGAAAAAGAGGGGGAGGAAAAGACAGAGAAAGGAGAAAAAA AAAGGGAATCAGAAAAAAAAGAGGGAAAACCATAAGAACGGAAAAAAAAA A G G G GAGACCCAGATAGAAAAAAAAGGAGGCGGGGGAGAGGGGCGCCGG GAGGGGGGGGAAAAGGAAACAAGAATGAGAGGAAAAAGGGAAAAGAAGAG AAAGAAAAAGGAGAAAGGGAAAGCGGAGGAAAGGGGGGGGGAACAGAGAA CCAAGGCCAAAACCAACCAAGGGGCCAGAGAAAAAAAAGGGGAAGGGGAA GGGGAAACAGAAGAGAGGAAAGAAAAAAAGAAGAGAGGGGAAAAGGAGAA AAAGAAGAGGCCAAAAAGACGGAAAATTGGGGGGAAGGAAGAGACCGACA ACAAGGGGGACGAAAACCAATTAAAAACAGAAGGAAAAAGAACAAAAAAA GGAAAAGGAGCAGGAGAAGAGGGAAAAGCAGGGAAAGAAGGGGGGAGAG AGAGGGGGGCCAAGGGGAGAACAACGGAGACGGGGAAAAGGGGGGAGGA AAAAGGAAAAGGAAGGAAGGGGGGAAGGGGGGTTCAAGAAGGAGGGCGA AGGGAAGGAAACGACAAGGGGAGGGAAGAAAAGGAGGAGCCGGCAAGAG G G A G A G ACAAGGGGAGAAGAGGGGGGGGGAGGAACAAGGGCCAAGGAAA AGAGAACGGAAAAGGAGCAGGAAGGAGACGGGGCCGGGGCCGAAGGGAA A G G A A A A G G AAAAAGGGAGGAACAAGGGCCGGGGCAAGGGAAGGGGGGA AAACCCCAAAGAGAAGGGGCCAAGGTAGAAGGGAATAAGATCCGGAAGGA GGGAAAGCCGGAAGGGGAAAAGGGAAAAGAGGAGAGGGGCCAGGAAGAG TAGAGGAGGAGAGAAGGGCCCAGAAAATAGGGAAAAGGAAAAAAGGAGGA AA $\operatorname{G}$ GAA $\operatorname{G} \operatorname{GGGGGGGGGACTTGGGGGGGGAGGGAAGGGAGACCGGAAGGC}$ CGGAACCAGGAGAGAAAGAAAGAGGCCGAGAACGAAAAAAAGGAAATCCA AGGAACGAAACGGAGAGAACCAGGAGGGGCCAAGGGAGGGGAAGAAAAAG ACCTTAAAGGAAGAAGGGGAGGGGGGGAAGGAACCAAAAGGAAAAAACCC CAAAAGGGGAAAAAAAAAACCAAAAAAGGGGCCAAGGAAAAGGAAAAGGG GAACCAAGGAAGGGGGGGGAAAAGGGGGGAAAAAAGGAAAAGGAACCAAG GAACCGGAAGGCCAACCAGGGAAGGGGCCGGCCAACCAAAAAAGGCCGGG GGGGGAACCAAGGCCAAGGCCAAAAGGAAAAAGCCAAAAGGAAAACCGGG GGGGAAAGAAGAGGGAAGGGAAAAGAAAGGGGAGAGGGGAGGGAGAGGA GGGAGGCCGACCGGGGGGGGAGAACCAAGGAGGAAAGGGCAGGGCAAGA GAACAGGAAAAAAGGGGAAAAGGAACCCCGGAACCAAAAGGGGAAAAGGG GAAGGAAGGGGGGAAGGAACCAAAACCGGGGGGAAAAGGGGAAAAGGAAA A G G G GAAAAAAGGGGGGGGCCAAGGAAGGGGGGAAAAGGGGGGAAGGAA AAGGAAAAAAAAGGGGAAAAAAAAAACCCCAAGGGGAAGGGGGGAAAAGG CCAAGGGGAAGGGGAAAAAAGGGGGGAAGGAAGGAAAAGGAAAACCAAAA AAAAAAGGCCGGAAAAAAGGCCGGGGAAAAAAAAGGAAAACCGGGGGGGA GAAAGGAGACAAGAGGACGAGAAGAGGAAAGAGAGGCCAGAGCGGAGGG GAGGGAGCCAGGAAGAGGAGGGGAGAGGGGGGAGGGGGGAAGAGAAAGA GAAAAGGGGAACGAAAAACAGGGAAGCGGAACCCAGGAGAGGAAAGACGA GACCCAGGAGGAACGGACAGGGGAGAGGACAGGAAGACAGAAGGAAGACC GGGGGGAAGGAAAAGGTTGGAAGGAGGAAAAGACAAAGAAAAAGGGCCAC GGAAGAAGGAAGAGGGAAGGAACCAACAAAAGGAAAAGAGGAAAAAGAGG AGAAGGAAGGAAAAAGGGGGCAAGAGCCGAGAGGGAGAGGGGGGAGAAG GGACAAAGGGGAAGGAGAGGGAGAGGGAGACGGAGAGGGGGAAGGCCAG ATGGGACCAAAAAAGAAGGAAAGGGAAGAAGGAAAAGGGAAAAACCGAAA AGGGAGGGAAAAAAAAGGGAAGGGGGAAAAGGGGGGCCAACCCCGGGGA AAGAGAAAACCAGGGGGAAAAAAGAGGAGAGGAGCAGAAAAAGAGGGAAA GACAAAAGGAAAAAACACAAAAAGACAAGGAAGAAGGAGGGGGGGGGGGG G G G G G G GCAGGCGAGAGCCAAAACCGGGGGAAGCCGAGGAAAAGGAACCA AAACCAAAAAAGGACGAGGTACAAAAAGGAAGAAGGGGGAAGGGGGAGAG GAAGGGGAACCGGCCGGGGAAGGACGGGGGGAAGGGGGGGAGAAGGAAG AGAACCAAAGGGAAAAAACCAAAAGGGGGGGAAAGGAACCAAAAAAAAGA AAAGAAAGAAGGACACGGAAAAAGGGGGAACCGGAGACAGGAAAAAAAAA GGGAAAAACAGGAAGGAGGGAAAAGGGGAAAAAAAGGGGAAAAAAAAAGG CCGGAAAAAGGGGGACGGGGGGCCGGAAAGAACCGAGAGGAACCGAGAAA AGAGAGAAGGGGGACCGGCCCCAGAAGGAGAGGGGAGACCATGAAACCAA GGGGGGACGAGGAAGAGAAGGAGGAAAGGGGAGAAAAGAAGGAAAAAGA GAAGGAAAAGGAAAAAGAGAGGGGGGGGAGGGGGGGATTAGAGAGGGAA ACAAGGGGAACCAAAAAAACAGAGAAAAAAAAAAAAAGAAGAAAGGAAAA

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GGAAACCCAACCAAAAAAAAGGCCGAGGAGAGCCAGAAAAAAGGAAAAGG AACCGGGGAGAAAAGGGGAAGGGGAACCAGGAAAAGAAAAAATTACAGAG GGAAGGGGAAGAAGAAAGAACCGAAGGGCAAGGGGGAAGGCAGCCCAAAA CAAAGGGGAAGCAAGAGGAACCGAAGAAAGGAGGAAGGAGGGAAAAGAAA CCAAGAAGAGAAAGAAGAAAGAGGAGGGACGAGGAGGGCAAAGGAAAAAA CCGAGGGGGGAGCCAAAAGGGGAAAAAACCGGAGGAAAGGACCCAAGACA GAAGGAGGCCAAGGACGGAAAAAAAGAAGGCCAGACGGAACCCCAAAAGG A G G GAAAAGGGGAAGGTAAGAAGGGGGGGGAGGGAAAAAAGGAAAGCCC CAGAGGGAGAGGGAAGAGAACTAGAGAAAGGCAGGAAGAGGGGGAGAGG GGAGGAGAAAAAAGCAAGAGGGCAGGGGGGCAGGGGAGCAAGAAGGGAG GGGGGGGGGCCAAGGAGAACACAGAAGAAAAAGAAGGGGGGGGAGACGA AGACAGAAGAGAAAGGAAAAGGAAAAAAAAAAAAAAAAGGAAAAGGAAGG GGAAAAAAGGGGGGGGGGCCAAAAGGGGCCGGAAGGAAGGAAAACCAAAA AAGGAAAAAAAAAAAAGGGGGGGGGGAAGGAACCAAAAGGAAAAAACCGG AAAAAAGGAAAAAACCAAGGAACCGGGGGGGGAAAAAAAAAAAACCAAAA GGAGGATACCGAACAAACGGAGGGGGAAAAGGCCGAAGGAAGACGAGGAA ACCCAGGGACAAGGGGGGAGAGCCGGAGGGAGGAAGAGAAAAGGAAGGG GAGAGAGACAAGGGGGGGGGGGGAAAAAACCGGTTAAGGGGAAAAAAGG G GCCGGGGCCAAGGGGCCGGCCGGAAAAAAGGAAGGCCGGAAGGAAGGG GAAAAAAAAGGCCGGGGAAGGAAAAGGCCAAAAAAGGGGAGGGAGAGAAA G GAGGAGAGGGCACCGGGGAAGAAGAGACCAGGAACCCCGAGGAAGGGA
 GCCAGAGGAAGGGGGGGACGGGAAAGGGGCCAAGGAGGAAGAAAAAAAAA
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CAACAGGAGAGGAAAAAGGAGAGGACAGAGACAGAGACAAGGGGGGGAAG GGGAGGAAGGAAGAACCGGAGGGAGGAAGAGGAAGGAAAGGGGGGGGGG AGGAAAGAAAGAGAAAGGGAGGAGAGAAGGAAGGCCAGAAAAGGCCGGAG AAAAGGGGAAAACCGGGGAAAAAAAAAAAAGGAAGGAAGGAAAAGGGGGG G GAAGGGGAGAGAAAAAAAAGGAAAACCGAAGAGGGAAGGGGAAAACCAA G G G G G G G GAAAAGGGGCCGGGGAAAAGGGGAAAAGGGGAACCAAGGAAA ACCAAAAAAAAAACCGGGGGGGGCAACAGGAACACAGGAACAAAGAAAGA GAAAGATAGAAGGAGAGAAGAGGAAAAGGAAGGAGAGGGCAGGGGAAAAG GCCGGAAGGAAAAAAGGGGGGAGGGAAAAGGGGAGGAGGAAGAAGAGGA AGGAAGGAAAGAAGGGAACCCCCCGAACAGGGGAAAAGGGCCCAATGGGG GAGGAAAGAAGAGAAGGGAAGACCGGGGAGAGAAGGGGGGGGGGAGGGC CAAAAGGCCAAGGGAAAGGAAGAAAGGAAACAAGGAAGAGGAAAAGGAAA AAAAAGGAAAAAAAACCCCCCCCAACCAAAAAGGGGGAAAAGGCAGGGGG GGGAGCCGGAAAAGGAAAAAGGAGGCCAAGGGGGACCCCGGAGAGCAGAA GAGAGTTGGGACAGGGAAAGGGGCCCCAGGGAAGGAAAAAACAGGCCAAA GAGAAAGGGGGGGGGCCCCGGCCAGAAGGAAAAAAAGGAAGGAAAAGACA GGGAAAGGAAGAAAAGGAAAAAAGGGGGGCAGGAAAGAAAAACGAAAAAA ACCGGAGGGGGGGAGTAAGACAGAAGGAAGGGGGGAAAAGGCAAGGGAG AAAAGGAGGGAAAAGAAGGACCAAGGGGAGGAAAGGGAGGCAGGGACAGA AAGGAAGGCCCCGAGGAACAAGGGCAGAAGAAGGAAAAGGAGAAGGAAAA ACAAAGGGGGAGAGGAAAAGAAGGGGGAGAGGAGAAAAGGGGAGGGGGA CA $\operatorname{l}$ GAGGGGAAGGGGAAGGCCAGGGGAAGAGAGGGACCCAAGAAAGAGG AGAGGGGGGAAAAGGGGAGAGATAGATAAGAGGGACAGGGGGGGGGGAC CACAGAGAGAGAAAAGGAAAGGGGGGAGGGGGAGGACGGAAGGAGAGGA AAGGAGCCAAAAAGCCACAAACAACCAAAGGAAGGAAAGGAAAAAGGGGG AAGAAAAAGGAAAAGGGACAGAACACAGCCGAGACAAAAAAAGGCCGGAA AAAAAAAAAAAAGGAGAACAAAGGAGGGGGAAAAGGGAGAACGAAGAGGA ACAGGGAAAGAAGGGGAAAAGGGGAAACAAAAATCAAGGGAGCAAAGGAG CCAGGGAAAGGAGGCCAGGGCAGGGGAAAGAACAAAAAGGAAGGCCCCGG GAACAAAGAGAGGAAAGGGGGAGGAGCCAGACAACCAGGGCCCCCCAGAA AGAAAGAGAACCAAAAGGGAGGAGGAGAGAAGGGCCGGTTAGGGAAAGAG GGGGACAGAGGGATAGAAAAGAGGAGCAAAAACCAGAAGGGGGGAAAAAA G G G G G G G GATAGGGAAAAAAAGGGGGGGGGGGAGAAAACAGGAGAGCCG GGGAAAAAAAATTGGAGAGCCGGCCGGCAAGGGGGAAAACCAAAAAAAAA AAAGGGGAGAAGGAGGGGAAGAGGAGAAAGGGGGAAAGGGGGGGGGGGG AGAGGAAAAAGGACAAAGGGAAGAAAGGAAGGAGAGGAAGAGAGACGGGG AAGGCAAAGGGAAAGAGAACAGAAGAGGAGAAAAGGAAGGGAAAACAAAG AAAGGGAACCGGAGCAGGGGAAGAGGAGGAAAGGGACAAGAAGGGGGAG AATGAAGAAGAGAATAAGGAGGGGGGGAAAAGAGGGAGGTTACGGAAGAG GAACCGGAACCGGAGGAAAAAGGGGGACCAGCAGGGGAGAAGGAAAGAAA AGGCCGGAAGGCAGAAAGGACAGAACGCAGGAAAATAGAGGAAAGGAGGA GGAGAAAAAAGATCGAAGGCCAAGGGGGGGGCCAAGAAAAAAAGATTAGG GAGGGAAGGACGGGGGCGGGAAGGGAAAAGGGGGGAGGGACAAGGAGAA CCGGGGGGAAACGGGGAGGGAAAGGGGGCAGAGGGGGGAATTCGAAACG AAACCAAGAGAGGAGAGAAAGACCCGGAGGGGAAAAAAAGGAAAGAGAAG GCCGGAAGGGGGACGGGCCAAGGCCGGCCCCGGGGGGGAAGGGAAGACC G G G G G A A G G G G G GAAGCCGGGAGACAAAGGAGAAAACCAAGCTACCAAAA GAGAAGCCAAAGAACGAGAAAAGGCCAAACGGAGAAAGCCCCCAGAGGGA AACCGGGGAAGGGGGGACAGACACAAGAACAGAAGGCCAAAAGAGGAAGG G G G G G G GAACAACCAAAATTAAGGGGAAGAAAGAAACCAAAAGGGGGGAC ACGGGGCCAAAAGGAAGGAGGGAACAAACCGGCCAGGGGGAGGGAAGGG AAACCGGGGGGAGGGGGGGAAAAAAAAAAAAGGGGAGGGAAAAGAACAAG GGAGAAAAACAGGTAAAAGAACCGGGAAGAAAGGACGAAAAAGGAGAAAA AAAAACCAAAAGAAATTCCGGAAGAAAAAGAGGAAGGAGGAAATAGGGGG AAAAGGGGAAAAAGGAAAACAAACCAGCCAAACACAAGGGGAAGAAGGGC ATTGAAGGACAGAAGAGACCAAGAGAGGGCAACAAGAAAAAAACCAAAAA AAGAGAAGAGGAAAACGAAGGGGAAAAAAGGCCAAGGAAACAAAACCCCA AGGAAAAGGGGGAAAGAGGGGAAAGAAGAGAAAAGCAGCAAAAAAACGAG G G GAGGGGAACAGGGAGAAGGGGAAAAAGGAGAAGAAAAACGACCAAGGG GGGAGAGCCGGAGAGGGCCAGAGGAGAGAGGAAAAGGAACCGGAAAAACG GCCAAAAGGGGAAGGACGGGGGAGGAAAACCAGGAAGGGCCGGAGGGAG

A GAAGGGGGGGAGGCCCCAAAGAGGGAAGGGGGGTTCCGAGGAATAGGA AAAGACCAAAAAAAAGGAAAAGAGAAAGAGGAAGGGAAACCGGGGAGAGG G G G G G A A A A GAGAGGGGAGCAGGAGGGAAGGGGGGGAGGGGAAAACCAA A GAGGAGAAAGAAAGGCCGGAGGGCCGGAGGAGGGGAAGGGGAGGGGAA AAAGGAAACAGGGAGAAGAGGGAGACCAAGGGGGAAAGGGAGGAGAAGG AA G G G G G GAAGGAAAAAAGGACACAAGAAAAGGAGGCACCGGAGACGGAA AAGAGAGAAAAAACGAACAAGGCAAAGGAAAAAAAAGGGGGGCCGGCCGA CAAGGAAAAAAAGGAAGAAAGAACAGGGTTGGGGAAGGGCAGAGAAGGCC AAAAAAAAAGGGGAGAGGCCAAGAGGAAAACAACGGAAGGGGCAAAAAAG AAAAGGAAAGAAAAAACCGGGGGGCCAAGGAAAGCCAAGGAGGCAAGGAG GGGGAAAAAAGAAAGGGGCCGAAAAGGACCGGGGAACAGGGGAAGGAAAA CCGGGGAACCGGCCCCAAGGAAAAGGGGCCGGAAGGAAGGGGCCAGCCGG G G G G A A GAGAGGAGGGGGGGAAGGAAAAGGGGGGGGAGACCCGGAACCG GGGAAAAGGAAAAAAGGAAAAAAGGCCAAAAAAAAAAAACCGGAAGGAAC CGGGGGGGGAAAAAAGGCCGGAAAAAAGGGGAAGGAACCGGAAGGGGGG AAAAGGAAAACCAAGGCCGGAAGGAAAAGGGGAAAACCAAGGGGAAAAGG AAAAGGAAAAAAAAAAGGGGGGGGGGGGGGAAAAGGGGGGAAGGAAGGG GAAGGAAAAGGGGGGGGGGAAGGGGAAAAAAGGAAAAAAGGCCCCGGGG AAAACCAAAAAAAAGGCCGGAAAAAAGGAAGGCCAAAACCGGAAGGGGGG CCAAGGAACCGGGGGGCCGGAAGGGGGGAAGGCCAAAAAAGGGGAAAAAA AAAAAAAAAAGGAAAAAAGGAAAAAAAAGGGGAACCAAAAAAAAGGGGGG G GAAAAGGGGAAGGTTAAAAGGGGGGAACCAAAAGGCCGGAAAAGGAACC CCGGGGGGCCCCCCGGAAAAGGAAGGAAAAAAGGAAGGGGAAGGGGAAG GAAAAGGGGGGAAAAGGAAGGGGAAAAAACCAAGGAAAAAAAACCAAGGA AGGAAAAAACCAAAAAAGGGGGGAAGGGGGGGGGGGGCCAAAAGGAAGG CCAACCGGGGCCAAGGGGGGGGGGGGAAGGAAAACCCCCCAAAAAAGGAA AAAAAAAAAAAAGGAAGGAAAAGGGGAACCGGGGAAAAGGAACCGGCCGG C C CCGGGGGGGGGGAAGGGGGGGGGGGGGGAAGGGGGGGGAACCGGGGA AAAAAAAAAGGGGGGAAGGAAAAAAAAAAAAAAAACCGGAAAAGGGGCCG GAAGGAAGGGGAAAACCGGAAGGAAGGGGCCAAAAAAAAGGAAGGAAAAA AGGAAGGGGAAGGAAAAAAAAAAGGGGGGAAGGGGGGGGGGGGAAGGAA AAAAAAAAGGGGGGAAGGAAGGGGCCGGTTGGGGAAGGCCAAGGAAGGG GCCAA G GAAAAGGGGAAGGAAGGGGGGGGGGAAGGCCGGAACCGGCCAA G GCCAA G GAAGGAAAAGGAAAAAAGGGGGGAAAAGGAAAAAACCCCGGGG CCAAGGGGGGAAAAGGAAAAGGGGAAAAAACCGGAAGGCCGGAAAGAGAG CCAGGGAAAAAAAAAAAAAAGAAAAGCAACAGGGAGAGCCCCAGGAGATA A G G A G A GAGGGGAAGGGGAAGGAGAAGAGGGAGGAAGGGGCCAAAAAAG A G G G GCCAACCGGCACGAAGGGAGGGGGGAAGGGGGGAGAGGAGAAGCA G G G GAGGAAAAAAAGGAGAGAACCGAATGAGACCACAAAGGGGAGGACGG AAAGAAAACGAACCAGAAAGCCGGGGCAAACAAAACAAGAAAGAGGGGCC GGGAGGCCCCCACCAGAAAAGAGGAACCAGGAAAGGGAAAAAGGAAGGAA CCGGGGAGGAAAAAAAGAGGGGGAAAAAGGCCCCGGAAAAAGACAGAAAA CCGAAATTGAAAACGGGGGAAAGAAAGGGAGGCCGGGGAAAACCAAAGGG GGCAAGAGAACCGGAACCAAGAGGGGGAGAGGAGGGGGGGAGAAAAGAG GCCAGGGCCCCGGGAGGCAGGGAAGGGAATTAAGGCAGAGGGAGGGGGG AGAGAGAGGAAACAGGGAGGGGAGACAGGGAAGGGAAGGAGAGGAAGGG GAGGAGGGGAGGGAAGGGGCCGGGAAAGACCGGAAAGAGGAAAAGATGG G G G GAGAAGACAGGGAAGAAGGGGAGACAAGGGGGGCCCCCAGGAAGAG AGAAATACCGAAACCAGGAGGAGGGAAAGCCAGGGGGAACCGGAACCCCC C G G GAAAAAAAGGAAAAAAGGAAGGGGAGAGAAGGGGCAGGCCAACCAGA A G G GAGGAAAAAAAGAAGAAAACAGACGGAAGGAAGAAAGGCCGGGGAAA ACAGGGAAGGGAGGAGGCCGAAAGGAAGGAGGGAGGGGAGAGAAGGAAG AACCGGAAAAAAAAGGAAAATTAAGGGGGGAAGGAAAAGGCCGGAAAAAA G G G G A A G G G G G GAAAAGGGGGGGGGGAGGGAAGAAAGATTGAACGGAAA GAAGGGAGGAAGGAAAGAGAGAAAAAAAGAAAAGGCCGAAAGAAGGGGGG GGGGAAGGGAGCCAACCAACGGGGGCCGGAAAGAGAAGGAAAAGGCCGGA AGGAAAGGAACGAAGAACAAAGAAGCCAGGAAGACAGAGAGAAAAGAGGG AAA $A$ A A G G G G G G G G A A CGGCAAAGGAAAAGGGGAAGGGGAAACGAGGGA AA $\operatorname{A} G \mathrm{G}$ GAAAGAAGAGGGGGGAGAGGAGAAAAGAGGACAGGAAAGAAGGG GAAAAAAAAAAGGGGGGAAGGAAGAGAGGGGAGGGGGGGAAAAGGAAGG AAACACAAGGACAGGGGAGGAAGGAAAAGAGGTTAGAAAGAAGGGGCCAG

G G G GCCAGGAGAGGCAAAAGAGGGAGGGGAGAAAAACCAGAAGGAGAAAA CCCCGAGGAAGGGAGGGGGGAAAGGGAAAAAGCCAAAAAAAAAACCGAAA AAAAAACCGGCAGGAAGGAAAAAGGACAGAAGGGGGAGACGAAGAAGGAA GGAAGGGGAAAACCAAGGCCGGGGGGAAGGAACCGGGGAAGGAAGGCCG G G G G G G G G GAA G G G G G G G GAAAAAAAAAAAGAAAAAAAAGGGGAATTGG
 A GACAAGGAGACAAGGGACGGCCGAAGAGGAAGCCAAGAAAGGAAGGGAA AACACGACCGAGGGAACAAGGGGAAAAAACCAGAGAGTAAAGAGAGAGGG GCAAGGAAAGGGAAAAGAGGACCAAAGAACAGGAAAAAACCAAGGAAGGA AAAGGCCAAGGAAGGAAGGAAAAAAAAAAGGAAAAGGAAAAGGGGAAAAA AAAGGGGAAAAGGGGCCAAGGGGAAGGGGGGGGAACCGGGGCCAAGGAA GGCCAAAACCAAGGGGGAGGAAGGGGGAAGAAGGGAGGGAAAAAGAAAAA AACCGGAAAAGAGGAAGGCCAAGAGAAGGGGAAAGGAAAAAAAGAGGGGA CGCAAAAAGGAAGAAGAAGGGGGAGGGGAAGAAAAAGGAGGAGACGAAGG G G G G G G G GAAGGGAAAGGACAAAAAGAAGAACAACAGGCAAAAGAAAGGG G GAGGGCAAAAAGGGGCCGAAAGGAACAAAAGAAGGGGGGAAAAGGAGGA GAAGAAAAAAAAACAAGGACGGCCAAAAAAAAAAGGGGAAGGCCAAGGCA AGGGAGGGAAGGAGGAGGAGGGGGAAAGGACCACGGAGAAGAAGAGAAA GAGGGCCAAAGGGGGAAAGAGGGAACCGGGGAGGGGGAAGGCCGGAAAA AAAAAAGAAGAGGAGCAGGGAAGGGGAACAGGGGGGGGAGGGAAGGAAA ACCAACACAAGGGGGGGAAAAGGGGAAAAGGGGAAAAAAGGAAGGGGGG GAGGAAAGGAAGGAGAACAACCGGGGAAAGACAGGAGAAGGAGAGGGGAA AAAAGGAACCGGGGAAGGGGAAAAGGGGAAAAGGGGAACCAAGGGGGGG G G GAA $\operatorname{l}$ GGGAAGGAAGGAAAAAGCCAAGAGGGGGGACGGGGGGGGGGGG AAAAGAACACCCGGGGGGAGAGAGAAGGCAGGGGGGCCGGGGAGGGAAA A G G A G G G G G G G G G G A G A A A G G G GAACAGGAGGGAAAAA GAGGAGGAAAG A G G G G G G GCAGAACCCAAGGGGGGAAACGACCAGGGGGGGCCCCCAAAGA AGGACAGGACAAGAGGGGGAAAGGAGAGCCGGGGGGAAAACCGGAAAACC GGGGCCAAAAAAGGGGTTGGGGGGGGCCGGGGCCACGGAAAAGGACAAA AGAAACCAGGGGGGGACAAGAAAGGGGGGGGAAGGAAAACCGGAAAAGGA AGGGGAAAAGGCCAAAAGGAAAGGGGGAGAAACGGAAACGAAGAGGGAGG AAGACGAGGGAGGGGAAGGAGGACCGAGGGGGGAGGAAGGGAACCACGG G GAACCGGGGGGGGAAAAAAAAACGGGAAAAAAAAACACCAGAAACGGGG AAGGGGGGCCAGACAAAAGGAGCCGAACGAGAAGAAAACCGGGGCCGAGA G G ACGGGAGAACAGAACCAGAGGAAAGGGGGAAGAGCCGGAAAGGAAAGG G G G A G G GAAA G GAGGGGAGGAGGATTAGAGAGAAGGAAAGGAGGCAAAG G G G G G A A GAGGACAAGGCCGAGGAACCAACCGGGGGGGAGAGACAGGAG
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ACCAAGGAAGGAGAAAAGGGGAAAACCCCAAAATTGGAAGGCCAAAAAAA AGGAAAAAAAAAAAAAAGGGGAAGGGGCCCCGGAACCGGAAAAAAGGAAG GAAGGAAAAGGGGCCGGAAGGCCGGCCGGAAAAAAGGAAAAAAGGCCAAG GAAAAGGCCGGAAGGGGCCAAGAGGGGAAAAAAAAGGGGAAGGGGCCGG AA G G G G G G G G GGGGGGAACCAAGGAAAAGGGGGGAAAAAAAAAAGGCCG GGGGGGGCCGGGGGGGGAACCCCCCAAGGCCAACCAAAAAAGGAAAAAAA AAAGGGGGGCCAAGGGGCCAACCGGAAAAGGGGGGGGCCGGAAGGAAGG CCGGGGGGAATTGGAAAAGGAAGGCCGGAAAAGGAAAAGGAAGGAAGGG GGGAAAAAAAACCGGGGCCGGGGGGAAAAGGGGGGGGGGGGGGAAAAGG AAGGAAAAAAGGGGGGCCAAAAAAGGAAGGGGAAAAAAGGGGAAAAAAGG GGGGAAGGAAGGGGGGGGAAGGAACCGGTTCCAAGGAAGGGGAAAAAAG GGGGGGGAAAATTGGAAGGAAGGGGGGTTCCGGAAGGAAAAAACCCCAAA AGGAAAAGGCCCCCCAAGGGGCCGGCCCCGGAAAAAAGGTTCCAAAAGGG GAAGGGGAAAAAACCGGGGGGCCGGAAAAAACCGGGGGGGGGGGGAAAA GGCCGGCCGGGGGGGGCCAAGGAAGGCCCCAAAACCGGAAGGGGAAGGG GAAGGGGAAGGCCCCAAGGAAAAAAGGGGAAAAGGAAGGGGGGGGAAAA GGAAAAGGGGGGAAAACCAAGGAAGGGGGGGGGGGGGGAAAATTAAAAG GGGGGAAAAGGGGGGGGCCCCGGCCGGAAGGAAGGGGAAAAGGCCGGAA AAGGGGGGAGGGAAGGGAAAGGAAGAAGGAAGGGGGGGAAAAATAGGGG ACCAAAAGGAAAAAAAAGGTAACAAGAGAGGAAGGGGCAAACCGGGGACA GGGGGTTAAAAAAGGGGACGGCCAAGGAACAAAGGCCAAAATTGAAGGGG AATAACCGGCCAAAAAAGGGGAGAGAGGAAAGAGAAGGGGGGGAAAAAAG AA G G GAACACAAGGAGGGGGGAAGGAGACGGCGACAGGGGGAAGAAGAA GGGGGAAGAGGAGGGAACGGAAGGAGAAAAGGGGGGAAGGCCGGGGAGG GGGAAGGAAAAAAAAGGGGGGCCGGAAAAAGCCGGAACCGGGGAAAAGGG GAAAAGAAGGGAAGGGAGGAAAGAGGAGGGGAAGGAAACGGGGGGGAAA GGCAAAAAAAAAGGGGAAGGCCAGAAAACCGGAAGGGGAGAGGGGGAGAA CAAGGAAGGGGGGGAGACAGCCAGAAAAGGAAGGCCAAAACCGGGGGGAG GGGGCCAAGACAGGGGAGGGGGAGAGAAGGAGGGCGGACCAAAACAAGG GGGAGGGGAAAGAACGACAAACCGGAAGGAAAGACAGGGAAAGAAGAAGA GAAAAGGAGGGGAGCAGAAGGGGGAGGAAGGAAAGAAAAAAAGAAAAGGG AGGAAAACCGGAAAAAGAAGAAGAGAAGGAAGGAGAGAGGGGGGGCAGAG GAAGAGGAAAAACGAGGAAAAGGAGAAGAGGGGAACCGGAACCAAAAGGA ACCACGAAAAAGAGGGGAAGAAAAGGAAGAAAAAGGGGAGGGGGGGGGG GGAAAAAGAAAAACGAAAGGCCGAAAGGGGAAAAAAGGAGAGAAGAGAAG CCAAGGACAACCGGCAACAAGGAAGGGGGGGGAAAACCAGAGGGGGGGG GCCGGGGCCAGAGAGAGAAGGAAGGAAGGGGAAACAGACAAGGGGAGGA GAGGGGGGGGGGGGGGACGGAGCCAGGAGGGGAAAGAGAAAGAGGGAGA AAAAAAAGGGGGAGGGGAACCAGGGAAAGCCGGAAAGAAAGAAGAAGAAA AGGCAGAAACAGAAAGGCCCGGGCAGACAAAAGGGGGAGAGAAAGAGGAG GAAGGACAGAGAAAGAGAAGGAGAAAAGAGAAAAACCAGCCAGCCAAAAG GCCGGACGGAAAAAAGGGGGGGAAGGAAGAGGGGGAGGGAAAAGGAGAG GACAAAGGGAAGCCAAGGTAAGGGGGGGAAGGAGAAGGGGGGAGGAAAA GAAAGAAAACAGAGGAAAAAAAGAGGGGAGGAAGGGGGGGGAAGGGAAG AGGGAAAGAAAAAAGGAGGGGGGGGGAAAAAGAGAGAGAGAGGGACAAAA AAACGGACAGAGGGCAAGAGGAAACAGAAAAAAAGGAAGGAGCCGAACAG GAGGAACACCGAAGGGAAAGGCAAAAGGAAAAAACAGGGAAAGGGGGAGG AA G GCCGGAAGGAAGGAGAGGGGGGGGACAGAGGGAGGGAAAGGAGAGG GAGAGCAAGGAAGAGGGGAAAGGGGAAAAAAAAAAAAGGAACCCCCCAAG GAAAAGGAAGGCCGGAAAAAAAAAAAAGGCCGGAGGACCAAGGAGAGGGA AACGAAAGGAAAAACGGAGGGAGGAAGCCGGGGAGAGAGAGAGAGGAAAG GGGGGAGAACCGAAAGGGGACGGAAAGAGAGACGGAGGAAAGGTTGGGG AAAAGGGAGGGGAACCGGAAAAAGAGGGGAGGAAAAGGAAAAGGAAGGAC AAGCAAGAGGGGAGAGACGGGACCACGGAAGGAAGGCAGGGGAAAGAGAA A GAAAAGGAAGGAAGGGAAAGGGGGGTTAGAGGACCGGGGGAGGAGAGG GGAGGGGAAGGAGAAGGGGAACCGGGAGGAAAGGAGGAGAGGAAAAGGA ACGCGAGGGGGGGGAACCAAGGGGAGAGCCAGACGGGGAAAAGAGGAAA AGGGGGACCAGGACAAAGGCCGGCCAAGCAGAGGAAAAGGGGGGGGAAA GGAGAAGACCGGAGAGAAAGAAAAGGGGAAGGAAGGAACCGGAAAAAACA AGAAAAGGAGGGAGGAAAGGGGAAGGGGCATAAGAGGGCAAGCAGGCCG GGGAGGGGGAAGAACAGGGGAGGGGAGAGAGCAAGGAAAGAGAAAGGGG

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G G A G G G GAGGGGGGGGGGCCAAGAGGGGAGCCAAAACCGGAAGGAAAGA A GAA $\operatorname{A} A \operatorname{A} A C G G G A A G A G G A G A G G G G A A C C G G A A A G A A A G A G G G G G G G C C$
 CAAA $A$ A G GAGGAAGGGGAACCGACGAAAAGGGGGGAAAAAAGGAGGGTTA GAGCCAACAAAGGGGAAAAGGAGGAGGAGGGGGAAAACCGGGGAAAAGGA ACCAAGGAAGGCAGAGGAGCAAAGGAAAAAAAGAGAAGATTAAAAGGAAA A G A TAA $A$ A $\operatorname{G}$ GGAGGAAAAAAGCCGGAGGGAGGGAGGGGGGGGGCAGAAG G GCCGGTTCCAAAGGGCCGAGGACAAGGGAAGGGAAGGGGAAAAAAAAGA GAAGGAAAAGAAGGCCAAGGAAAAGGGGAGATAAAACAAAAGAAGGGGAG GGAAAAAGAAGGGAAAGAAACCGGAGCCGGGGAAGGCCGGGGAAAAAAAG AGGGGGGACCGGAAGGCACAGAAAAGGAGAGAGAGAGGAGGAAGGGGGA AAA A A A G G GAGGGGGGGGGAAGGGGAAGGAAAATTCCGGGGGGGGCCGG AAAAAAAAGAGAGGGGGGGGGGGGAACCGAGAAACCAAGGAAAAGGAGAA AGACAAAGGAACGGCAGGGGAGAGAGGGAGAGAAGAAGAGAGAGGAAGAA GGAAAACCCCGGGAGAGGGAAGAAAAGGAACCAAATAGGGAGGACAGAAA GGCCGGGGACGAGAGAGAGGGGCAAAAAAAGGAGAGGGAAAGAGGGGGA AGGGGGCAGAGAAAAGACCAGAAAAGGAGGGAAGAGAGAGAAGAGAGGAG G G G CACCACAAGGAGAGGACAGGGGGGGAAAGGAGAGAAAGCAGGACGG GAGAGGAAGGGGGGAGGAGAATGGGGAGAGGGATAGACGAGAGAGAGAC AGAAGGGAAAAAAAAAAAACCAAAAGGGAAAGGGGGGGAGGAAAGCAGAG GAAGGGGGAACAAGGGGAAAGGGGGGGGGGGAAAAGGAGGAAAGGGAGA AAAGAGAAAGGGAACAGAGGAACGAAGGAAAGACGAGAGAGAGAGGACGG GAAAAGAAAAAAAAGGCCAAGGGAGCCCGAAGCCGGAGGGGGCAAGAAGG CCAGCGAAACGAAGAAAAGGGGGGAGAAGGAGGAAGAAAAGAGGGGCCAA GGGGAAAGAAAGGAGGAAGGAAGAAGGGGGGAGGCCGGAGAACAGAGGA A G G G G G G A A G G G G G G G GA G G A A GAA G GAA G GAAAA G G C CAA G G G G G G G G GGAAAAGGAAGGAAGGCCAAGGAAGGGGGGGGCCAAAAAAAAAAAAAAAA GGAGAAGGAAAACCGGGGAAGGAAAAGAGGCAAAGGAACCAGAAGGAAAC AA GAGAAAAGGAAAGGAAACGGGGAAGGAGGGGAAAACGGGGCGAAAAAG AGAGGGAAGGCAGGAGGACCGGGAAGAAGAAAAAAGGGAAGGGGGGGGA AA $A$ AA G G G G G A A G GAAGGAAGGAAGAAGGAAGACCAAGGACGACCGGAGA A G GCCGAAGGGGGAGGGAGGGCCGGGGGGAAAGAGAGGCAAAAGGGGGA AAACGAGGGGAGGGGGGCGGGGGGAGAAAGAGAGGGGGAAGGGGACAAA ACAAA G G G G AA G GAACCGGAAGGGGGGAAAGCCGAGGGGAAAAGAGAAAA GAGAGAAGGAAGGAACCGGGGAAGGGGGAAAGGCCAAAACCCCAAGAAAG G G G G G A G A AA GAA GAGAGGAAAAGGAGGAAGCACACAACCCGGAAGGAAA GAGGGCCCAGAAAGAGGAGAAAAAAACCCCAGGAGAGACGGGAAAGGGGA GAACAAAGAAGGGAGAGAGAGGAAGCCCCGGCCGGAACCGGGGGGGGGG AA $\ln A \operatorname{G} \operatorname{GAGGGGGAAAAGGAAGAGAGGGGGGGGCCAGGGAAAAGGGGAGG}$ A G A A G G G G G G G GAGGAGAAGGGGGGGGAAGAGAAGAGGAAGGAGAAGGA AGAACAAAGGGGGAGAACACGGAAGGAAACGACAAGGGGGGGAAGGAAGG AAAGGAGGGGAAAAGAAAGGGGATTTGGGGGGGGCCGAGGAAAGCCAAG AGAAAGGACAGAAAGAACCAAGGAAGGGGAAGAAAGAAAGGAAACGGGGA AAGAACCGGACAAAAGGGAGAAGACGGGAGGCAAGAAACGAACAAAGAAA AGGAGGGAACAAGATGGAACCGAGGGAGAGAAGCACCGAGGGAAAAAAAC CGAGGGAAGGAGGGGAGAAGGAACAGACCAAAAAAAAGGGGGGAGGAGAA AAAGAAAGACAGAGGCCTAAAAAGGGGGACCGGAAGGAGGGCCGGGGGGA AAAAAGGAGACAAGGAGAAAACCCCGGCAAGGAGGAAAAAAAAAAAGCAG ACCAAAAAGAGGGGGACGGGGTTAAGAGAGGAACCGGCAAGAGGGCATTG AACGGGAGGGGGGAGCAGGGGGGTTAGAACCAAGGAAGGGGAAGGGGGA AA $\operatorname{l}$ G G G G G A GAGGAGGAAAAGGGGGGAAGGAAAAGGAAAGAAAAGGGAG G G G GAAA $\operatorname{A} A C C G G G G A A A G G G C C A G A G A A G G A A A A C C G A G A A G A A A G A G A$ CACGGGAGGGAAAAACCAGAAGGGAACGCGGGAAAGGAAAAAAAAAAGAA AAAAAAAGGAAGGAGGGAGGGAAGAAGGGTAACAGGAAGAATTAACGGGG ACCAAGGAAGGGGGAGGAAAAAAGGAAGGAAAGGGAAGGAACCGGAAAAC C GA $\operatorname{l}$ GGGGCAAAAAGGGGAAAGGAAGGGGAAGGGAGGAGAAGGGGGCGA A G A A GAAAGAGGAAGGAACCGGGGGGGGAAAAAAGGAAGGAAAAGGAAGG G G AA G G G G AAAAGGGGAAAAGGGGGGAACCAACCGGGGAAGGAACCAACC G G G GAAAAGGGGGGAAGGGGGGAAAAGGGGGGCCCCAAAAGGAAAACCG GAAAAAAAAGGGGGGCCAAGGAAGGAAGGAAAAGGAAAAGGGGCCCCAAA AGGGGGGGGAACCAACCGGAAAAGGAAGGAAAAAAAAAAAACCAAGGGGG

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 AA G G G G G G AA G G AAA GAAGGAAAAAAAGAAAAAGGAAAAAAGGGGAGGAA AAGGAAGGCCGAACAGGAGAAGAGGGGGGGCAAGCAGACCAAACGAACAA ACGGAAAGAACCGGAAAGAAGGGGGGAAACAAACCCAGGGAAGGACGGGG AA G GAAGGGGAAAGAAAGAAAAAAGGAAGGCAAGGCCCAATAAGAAGGAG AACCGACAAGGGAAAGAGAAACGGGACCAACCGAAGAGAAGGGGGGAGCC ACCCCCGGGGGGAAGGGAAGCCAAGGAGAAGGGAAGTAGGGGGGCCAGG G G G AAA $\ln$ A $\ln$ GAAACAAGAGGAAGGGGGGAAACAGAGCCGGGGAAAAGGA AGGGGGGAAGGGGAGAGAACCAGAAGGAAAAAGAAAAGAAAAAAAGAAAA GGGCCGGAGGAAAAGAGGAAGGGAAGGGGGGGAAAGAAAGGGGGAAGAA CCGGAGAGAGAAGACCGGGGAGGGAGGGGGAAAAAAAA的GGGTAGGGGG GCCGAAAAAACAAAAAGGGAGGGGAGGAAGAGGAGGAGGGGGGGAGGGG GGAGGAGGAGAGGAGGAAGAGAAAAAAAAAGGGGGGAAAAGGGAAACCG GGGAACCGGAGGAAGAAGGGGAGGGGGAGAGCCAAGGAAAACCGGGGAA GGGACCAAAAGGCCAAAAGGAAGAAGCCAGCCAAGGAGAGGGAAGGAGAG AGGAAGAAGGACGGGGAAGAGGCCGGAAGGAAGAGGAAAAGAAAAACCAG ACGGAAAAGAAAAGGGAACCAGAAGGAGTTAACCGGAAAAAGGGAAGGAA CCAAAAAAAGAGAGAGAAAAGGAGAAGGCCGGAACCAGGACAAAAGACAG ACAAAAGACAAAGGAAAAGGAAAAGGGGGGGGAAGGACAAAGGAGGGAGG GAAGAAAAGGAGGGCAGAAGCCGGAAAAGGGAAGGAGAAGCCCAAGGGAA AAAAGGAAGGGGGGAACAAGGGGGAACAGGGGCCAGAGGGGGAAGGAAG AAAAAAAGGACGAGGCACAAGGAAACCGGAGGGGAGAGAAGGAGGATAGA GCCACGGGGGGAAAAAAGAAAGGAAGAGGGGGGGGAAGAAAGACAGGCC GGAAGGAAGAAGGACAAAAAGGCAGGACAAGGGGGGGGAAGGAAAGGGA ACCCCCCCCAGAACCAAAAAGAAGAGAGGGGGGATAGCCGACCGGCCAAA AGGAGGGAAAGAGGGAGGAGGGAAAGGGAGGAGGAGGAGAGAAAAAAGG GGAAAGGAAAGAAAGGGGGGAGGGTTAACCGACAAAAAACGAAGAAAGAG GGAAGGAGGGCCAGACAAGGCCAAAGGGGGGGGGGGAAAAAAAGAAAACC

TAGGGAAAAGAGGAAGGGGGGGAACCGGAAGGACAGAAAAGGAAGAAAAG GAAAAGACGAAGGGAGAAAAAAAAGGCCAGAGGAAAAAGGCCGGAGCCGA AAAAAAATAGCAGGGGGACCCAGGGGCCCCAACCAAGGAGCGAGAAAAGG GAAGGGAACCAAGGAAGGTTCCGGAAGGAACAGAAGAGGGAGGGCAAAGA GGCCAGAGAAAAAAGGGGCCCACCAAAAGACCGGAAAAAAAGAAAAAAGG AACCGGGGGGAAAAAAAGAGAGGGGAGAAGAGGACAAAAACAGGGGAGGG CAGGGGGAGGGGGGGGAAGGGGAACAAAGGCAAAAAACAAAGGGCACGA GAAAAAGAAGGGGAAAAGGGGAAGGGGGGGGGGGGAAGAGAGGAAAAAG CCAAAAGGGGATAGCCAAGGGAAACCCCGGAAAAAAACAAGGCCAAGGCC CCGGAGAACCAGCCACAGAGAAGGGAGAAAGGAGAGGAGGGGGGGGAGT TAAGGGGAAGGAAGGAAAAGGGGAAGGAAGGAGGAGGAAAAAGGGGGGA GGGAGGAAGGCAGGGGAAAAGGAGAGGGAGAAAAAAAGGGAAGGAAGAA GAGAACCGGCCGGAAAAAACCCCGGGGGGTAGCGGGGGGAACAAGGGGG GGAGGGGGAAAAAAAAGAGGAGGGAAAGAGAAGGAAGGAAAAAGCCGGAA GGGGAAGAGAAGGGGGAAACGGCAAGAGGAGGAGAGCCGGGAAAATGAA GGAGGAAGGGGGGAAGAAGAAGGGAGGGGCCGGAAAGGGAAGGGGAAGG GAGAAGGGAGAGAAGGGAAGGAAGGGGAAAGGAAGGGAAGCCAAGGAAA AA G G GAACCAGGGAAACAGGGAAAGACGGAAACAAGGGGAAGAGACCGAG GAAGAAGAAGGGGAAAGCCAGACGGACAAAGGGAGAGACGGAGGAAAGAC
 GAAGGAGGAGAACAGGCAAGGACCGGGGGGAGGAACGACAGGGGCCGGC ACCGAAAAGCCGAGGGGAGGGAGGAAAGACCGGAACCAAAATAAAAGACG GGGAAGGGAAGACAAGAGGCCGGAGAAACAAAAGGAAAAGGAAAAAAAAG G G G G G A A A A A A A A GAGAGGGAAGAAAGCAAAAAAAGGCCGAAGGGGGGGG GCCAACCAACGGGAAAAAAGAGAGAGAAAAACCCGAGAGAAAAGGGGAAA G G G CCA G G G G A G G G GGGCCCCGGAACCGAAAAAAATTAACCGGGGGGAAA AAAGGACGGAGAAAACCCCAAAAAAAGGGGGAAGAAAAGAACCAGGGAAA AGGGAAGAAAATAAACCGAGGGGAAGGAAGGAAGGGGAAGGCCAAGGGGA A G G G GAAAAAACCGGACAAAAAAAAGGGGCAAGAGGGGGAAAGGGAAACA AA $\operatorname{A} A G G G A C A G G G A A G G G A C C G G G G A G A A A C G A G A A C G G G G A A G G G G A A$ AA G G G G G GAAAAGGAAGGCCAACCGAGGGGGGAGGGAGCCGGAAAAAAG GGGAAGGAAAGAGGGAATTAAGAAAGAAAAGGGAGGGAAAAAAGAGGAAG G G G AACCAGAAAAGGGGAGAAGGAAAACCAAGGGGAGAGAGGGAAAAAAA AGGAAAGGGAAGGGGAAAAAAAGACCCGAGGGACCAAAAGAAGGGGGAAA AGGCCAAGGGGAAAAAAGGGGGGGGGGACGAACGGAAAGACAGAAAAAGA GCCCCGGAGGGAACCAAGGAAGGGGGGAAACGGAGAAGGAGACGGGAAG AACCGGGGGGCCAAGGGGAAAGGGAAGGCAAAAGGAAGGGGAAGAAGGG A GAACGAAGAGGGGGAGAAGAGAGAGGAGAGAAACGGGGAGGGAAAGAG G GAAAAGGAAAGGAGAGAGAGGGAGGAGACGAAAAAGGGGGGGAAAAAA G G G G G GAGGAGAACCAGCAGGGGAGAGAGAAGGAGAAAAGGAAAAGAGG AA GAGAAGCAAAGAGGAAGAGGAGGGCCGGAAGAAGGGGAAAGAGGGGG GGGAAAGAAAAGAAAAGAAGGAAGGGGGAAAAGGAGGAAAAAAGGAAAAA AGGAAGAGGAAGGGAAGAGAAGAAAGGAGGGGGGGGAGAGAAAGAGAAC AGGAGGCCGGGGGGAAAAGGGAGAGACCAGGGAAGGCCGGCAAAAAAAAG AA $\operatorname{A} A \operatorname{AGGGGAGAAAAAAGCCGGGGAAGAAGAGGGGGGAAGGAAAGGGGA}$ AA GAAAAGGAAAAAAGGGAGAGGGGAACAAGGGACAGAAAGGAGAAAGGG GGGGAAGAAGGAAAGAAGGCAGGAAGGAGAAAAGAGAAGAAAGGACAAGG AAGGGGAGGAAAAGGCAGAAAGGAAAACAAGACAAAAGGAGCCAAGAAGG AAAGAACGGAAAGCAAGAAAGAACACCAAGGAACAAGCAGGAAGGAAAGA AAAAAGGAAGGAAAAAGGGGGGGAAAGAGAAGGAAGAAAGGCCAAAAGGA AGGAAAGAAGGAAGGGGAAACAAGGGAAAGGAGAGCAAAAGAAGAGAGAA ACCAA G G G G G GCCGGAACCAGGGACGAACAAAGGGGAAAAGGGGGAAAGA AAAGGGAGGCAAAAAGGCAAGCGGGAGAAAGGGAAAAGGAAAAGAGAATG AA GAAGGAAAAGGAAAAGGGAGAAAGGGGACGAGGGAGGAACCGGAGCCA
 C G GAAAAGGGAAGGGGGAATTGGGGCCGGGGGACCGACACCAGAACCGGA GGGAAGGAAGAGAGGAAGGAACCGGAGGGACAAGGAAGGAGACGGGGAA AAAACCAAGGGGGAGGAACCGAAAAACCCAAAGGCAGAGAGGGGGAAGCC AGAAGGGAGAGGAAAAGGAGGGAAAAAAGGAAGGGGAGGGGGAAGGCAA AGGGGGGAAAGCCAAGGCCCCGGGAAAAAAGAAAAAGAAAGAGAAAAAGA AAAGGGGAGGGGGGGAAGAGGGAAGAGACGGGAAAGAAAGAGGGGGGAG

CCGAAAGGCCGGAGCCGGAGGAGGACAAGGCCCCGGGGGGAGGGGGGGG GAAGGAACCGGCCAAGGAAGGAAGGGGAAAAAAAACCCCCCAAAAGGGGA AAAGGGGAAGGAAGGAAGGAACCCCAAAACCGGAAAAAAGGAAGGAAAAG GCCAAAACCGGGGGGAAAAAAGGGGGGCCAAAAGGCCAAAAGGGGAAGGA AGGAAGGGGGGAAAAAAAAAAAAAAGGAACCAAAAAAGGGGGGAACCGGG AAAAGACAAGGAGAAGAAGCACCAAGGAGCCAGGAAGGACCGGAAAGGGG GGGACAAGGAGAAGGGAGGAGAAGGGGAAGGGGGGAAAAGGGAGGCAAA
 GTAAGGGAAAGAAGAGAGAGGGGAGGGGGGGAGGGAAGGAGAGAAAGAG GGGAAGGGAAAAGGCCCCGGAAAAGCCCGAAAGGAACCAGGAAAGGCCAG AAAAGGAAGAAAGAACAAAAAAGAGAAAGGCCGAGAAAAGGAAAGGAGAA ACAAGCAAAAGAGGGAAAGGGGAGGAGAGAGGAAGGGGAGAGGGAAAAG ACCGACACACCAAGGGGAAGGAAGGCAGCAGGGGGAGAAGAGGAAGAGGA AGGAAGAGAGAGGAAAAGAGAAGAGCCGGGGCCGGGAGGGGAGAGAAAG CCGGAAAAAAGGGGGAAAGAGGGGCAAAGAGAAGAAAAAAAAAAGGCCCC AAGGGGAAAAAAGGAAAGGAGAAAAAGGCAAGAAGGAACAGGGAAAGAAA CAAGAAAGAGAGTTGGCAGAGGGGAAAAGGAAGGGGAAGGGGGGAACCG GACAGGGAAGGAAAAAAGGGGGGAGAAAAAAGGAACCAAAGGGAACCCCA A G G CAACAGGACAGGGGAAGGGAGGGGAGGGGGGGAGGGGGGGGGGGGA A GAACCAGAGAGAGAGGGAAGGGGAATTAAGGAGAAGGCCAACCAAGGAA AAAAGGAACCGGAAAAAAGGAAAAAAGGGGGGAAAAAAAAAAAAAGCCAA G GCCGAGGAACCAAAAGGAAAGGGAGGAAAGAAAGGGGGGGAACGAGAAG ACAAAAGAAGAAAAGGGGGAGAGGGGAGGAGGAAGGGAGGCAGAGAATA G GAAGAAGAAGGAAAGGAAAAGAGGGGAACCGAGAGAACAGGGAAGGGG GGAAAAGGAAGGCCGGGGGGAAAGAAGGGGGGGGGGGGGAAAAAAAAGG GAGGAGGAGAGCCGGAGAGAGCAGAAAGGAGGGAAAAAAAGCCAGGAGAA AA GCCGGAGGGAGGAAAAAGGAGGGAGAGGGGGGAACAACCGGAACAGG ACGGAGCATAAGAGCAGGGGGGGAGGGAACGAGAGGCGGGAGAAGGAAG ACCGAAGGAAGAAGAAGAAAAAGAAGATAAAGAAACCGGGAAGAACAAGA CGCAAAGAAAGGGACAGGAAGAGAAGGGGGGAAAAGGACAGAAACGGAGG AAAAAAAGGGGGGGGGGACGGGGGGAGCCCCGGAAGGAAAAAGCAGGCG AAAAAAAAGGGGAAAAAGCCAAACGGAAAGGGGAAAAGGGGGAGCCGGAC A G G G G G AA G G GAGGAGGGGAAAGAGGGGAAGGCCGGCCAAAAGGAAAAG GCAAACAAGACGGGAGGAAAAAAGGGGGGGACCGGAACCGGAAGGAGCCA AAAACAGCAACCCAGAAGGAAAAAAGGGGCCAAGGAAACAGGAAAGGCCA GGCACCCAAAAGGGGAGGAGAAAAAAAAAAAAAAAAACAGGAGCCAAAGC CCAGGAAGGGAAGGGGGAAGAAGGACCGAAAGGAAAAAAGAAGGAGGAAG G G G AACAAAGGGGGGAAGGAAGGAAGAAGGGAAAGGGCAGAGGAAGAAG G G G G G G GAGGCATTAGGGGAAAGGAAAGAGGGACAAAAGGAGACCCAAG GAAAACAGGGACCACGGGGGGAAAAGAAGGGAAGGAGAAAGGGGGAGACC CAAAAGAGGAGCAGAGGCCGGGGACAAGGAAGGGGGAGGGAAGAAGGGG GGAGGGAAAAAGCCGGAGCAAAAAAAAAAAAAGGGGAAACAGAGAACAGG AAAACCGGAGAGAGAGGGACGGGGGAGAGAAAAGAGAGAGAGAAACGGAA ACGAAGGAGGAAGGAGAGGAAGGGAAGGAGGGAAGAAAGGAAGGACGGG GGGAGAGGAGGGGAAAAGGGGCCAAGGTTGGAAGGGGAAAACAAAGGAG GAAACAAGGGCCAAAACAGGGGCCAGAACCAAGAGAAGGGAAAAGGAAAA G GAAGGGAGACAAAGGGGGGGGGGAGGAAGGGAAAAAAAAAAAACCGGG G G G G G GAAAGGAAAAGGGGAAGAAGAGAAGGCCGGGGCCGGAGAATTAA AA $\operatorname{G}$ GGAGGAGGGAGGAAAAAGGAAAAAGAGGAGAGGGGGACCAGGGGAA GAAAAGGAGAGAGAAGGAGAAGGCCAAAAGGAAGGAGAAGGGGAAGGAAG GGGGAGAAAAGAAGGGGAAAACCGGTTGGACCAGGGGGAGGGAAAAACCG AAAAAGGAAAAAGCCAAAAGGAAGGGGGGGAAACCAGAGGGGAGAAAAGG G G G G G A A G G A A A A G G G GAAGGAGAAAAACGGAAAACCGGAGGAAAAAGGA AAAGGGGGGGGAACCAACCCCCCGGAAGGAAGGAAAACCAAGGAAGGGGG GAAGGTTAAAACCTTAAGGAAGGAAAACCCCGGGGAAGGAAGGTTAAAAA ACCGGAAGGAAAAGGCCGGAAAAAACCCCAACCGGGGAACAGAGGGGAAG A GA $\operatorname{l}$ GGGGGGAAAGAGGAAGGGGAAGGGACAAAGGAGAAGGCCGGGAGG AAGGAAAAGGGGAAAAGGCCGGGACCCCGAAGAGACAGGGCCAAGACCAA ACAGGGAAGGGGAACCAAGGGGGGCCAGGGAAGGAAAGCAGGGGAAAAAA G G GAAAGGAAAGAGAGGGACAAGCAGAGAGACATGGAGCACACGCCAAAA GGGAGGAAAGAAGGGGCAGAAAGGGAGGCAACGGGAGGGGTTGGGGAGG

G G G G G G A A A G GAAAAGGGGAGCCCCAAAGCAGAGGGGAAGGGGAGAAAA AACCGAGGCAAGAGGGAAAAGAGAAAGCCCAAACAAAAAACCAAGGAAGG AACCAAGGAAAGGGACGGCCCAGAGAAACCGGCACCAAGGCCGAGCAAAG AGAAGGAAGGAAGAAGAGAGCGAAAAGGAGGACAAAAAAGGGAGCCGGAA AGGAAAAAAAGGAACCACGAGAAAGACCCGCGAGGACAGGCCCAAGAAGG AA $\operatorname{l}$ GAAACGAGGGGGAGGGAGGCCGGGGGAAAAGAAGAGGGGGGACCCG
 GAAAGGAAGGAAAAAGGAGAGGGGGGGGAAGGGACCGACCGGCCGGGGG
 A GAA G G T TA $\operatorname{l}$ GGCCGGGGAAAAGAGGGGGAGGAAAAAGAAGGAAAGGGG GACAAGGGGAAAAAAAGAAGAGAAAGACAAAAGGAAGGGAAAAAGGAAAA GAGAAGAGAAAAGACAAAGACGGAAGGAAAAAAGGAGCCAGGGGGACCAC GGGAGAAGGAAAGCAAACAGAAAGAAAACAAGGGGGGGGGGAAAGAGAGG GAAAGCCGGCCGGGGGAGGAAAACAGAGGAGACGGAGCCGGGGAAAAGAC CAGGGAAGGGGCCAGCCGAGGCAGACCGGAACCAAGGAAGAACAACCGGA AAAGGGAAACCCCACGAAGAAAACCAAGGGGGGAAGGGAACGAGAGGCCA GAAAGGGAAGGACAAGGGGGGAAAAAAGGGGAAAGGAGGAAAGGGAAAA G GAA $\operatorname{l}$ GGGAAGGAGAGAAAAGGGGCCGGGAGAGGGGAAAGGGGACCGGG
 ACGGAAAAGGGGCAGGAGAAAGAAACGGGGGGGGGGGGGGAAGGAAGGA AAAAGGGAAAAAAGGAACCCCGGGGGGGGGGAAAAGGGGGGGAGGAGGG AACCGGAACCAAGGCCGGCCAAAAAAAACCGGGGGGAAAAGGCCAAGGGG GGAAAAAAGGAAAAAAAAAAAAAACCGGAAGGCCGGAAAAAAGGAAAAAA CCAA G G G G G GAA G GAAGGAAGGGGAAAAAAGGGGAAGGGAGGGAGGGGA CAAGACCAGAGAGGAGAAACCAAGGGGGGGGAAGGGGAAGACGAGCCGG G G A A G G G G G G G G G G A A CCGGGGAGCAGGGAAAGGAAAAGGGGAGAGGGA AGAAGACAGGGAAAGGCACAGCCGGAGGGGGACAGAAAAGGGGGGGGGA G G A A A G A G G G G G G G A G G G G G G GAAGGAAGAGGGAAGGGACAAGAGATAG AGGAGAGAAAGGGGGAGAGAGGAAGGAAAGGAAGAAGGAAAAAGGGGGA G G A A A G GAGGAGGAAGAAAGGAAGGAAGAAGAACGGGAAGGGAACCGGAA GGCCCAGAGGGGACGGCCGGGGGGAACAGGACAGGAAAGGAAACAGGGA AGGCAGAAAGACAAGAAAAGGGACAAAAAGGAAAAGGAGAAAACCGAAAG G G G G GCACAGAACAAGAGAGAGGAGAAAAAAAGAGCCAAAGGGAGGAAAA AGAACAAAGGAAACCAGAGGGCCATGGAATTCCAAAAGGGGAACCAAGGA AGGCAAGAGGAGAGGGAAAGGTTAGAAGGGAGAGGGGAAAAAAAAAGGGA A GAGGAGAGAAAGGGGACCACGGAAAGAAAGAGAGGGGGGGAAAAGGGA AAACACAGGGGAGGAGGGAGGGGAAAAAGGGGAGAGAGACGCGGGAAGA GAAAAGAAGGGGGCCAAAACCCCCACCGAAGAAGGGAGGCCCCAAAAGAG AGAGAGGGGCAGGAGGGGAAAAACCAAGCACAAGGGGAAGAAAGGAAAAG G G G G GAAGGGAAAGGAAAAGGACGAAAAGCAAGAAAAAAGGGGCCAGAAA GCACAGGAGAAAGACCCAAAAAAGAGGAGAGGAAACCCCAGTTTTGGAAA A G GAGGAGGGGAGAAGGGGCAAACCGGAAGACCGGGAGAACGAGGAAAA G G GAAAAACCGGAACCAAAAAAAAGAGGGGAAGGAGAGCAAGGGGGCAAA AAGGAACCGGAAGGGGGGAGCAGAGGCAAAGAGGGGAAGGAGGGAGAAC CAGAAGAAGAGAGGAGACCGAGGGGACCAAAGAAGAGGACAAAAAAGAAG GGGGGGAGAAGTAAGGGAGGGAAAAAAGGGAGGAAAGGAGGGAGGAGGG AGGGGGACAGAGAAGGGGAGTAGAGAAACCGGGGGAGGAAAGAACCACAG GAGGGAAAGGGGGGGGAAAGAAAAGAGGGACAGAAGGGAACCGGGGGGA ACAAGAAGGAAAGGACAAAGGAGGGGGGGGGAAAAGAGGAGAAACGAGAA GGAGGCGAAAAGGGGACAACCGGGGGAGGGGAAAGGGAGGAGGGGACAG G G G A A G A G A G G G G G G G AA GAGAGGGGGGAAGAAAAAACAAAAAAAAAAAG CCAGAAGGAAAGAAAGATGACCAGGGACGAGGACAGGGAAGAGAGGAAGG GAGGGGGGAAAAAGGGAGGACCAGCCGAAAGGGGGGAACAGAGGCAGAA AGGAAGCAAAAAGAGGGGAGGAAAGAGAAAGGGGGACAAAAAAAGAAAAG GAGGGGAAGAAGGAAGGGGGGGGAAGACAGAGGAAGGGGGGAGAAGAGG AAAACCCCAAAACCGGAAGGCCCCGGAAAAAACCAAGGAAAAAAGGGGGG CCCAAAGGAGAGAAGGCCCAAAAAAACCGGAACAAGCCGGGGGACAAACC GGGGAAA GCCAGAAGAGGCAAGAAGAGGCCCAGGGGGGGGAAGGAGGGA GCCGGGAAGAAAGGGAGAAGGAAAAAAGGGGGGAAAAGGATAAAAAGAGC CGGGGGGAAAAGGGAAAAAGGGGGAAACCGAGAGGGGAAGACCCGGAGA CAAGATAGGGAAGGAGCCAGAACAAAAGACGGCCCAAAAAGAGGAGGAGA

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 AA $\operatorname{GAG} \operatorname{GAG} \operatorname{GGAAGAAAAAAAGGAGCCAAAAGAAGGAGGGGAAAAGAGGAA}$ AAAGAAAAGAGGGAAGGAAGGAGAAAAAAAACACGAAGAGAGAAAACCCC AAAGCCGAAGTTAAGAGAGAGAACAGGGAGAACAAAAAAGGACAAAGGGG GGAAAGAGCAAGAGACAGGGACCAGAAAAAAGGGAGCCAGAAGGAAAAAA G G G GAGAGGGGGAGCACCAAGAAAAGAAGGAAGAGACAGGAGGGGAGGG AA G G G G G G G GAAAAGCAGGGAGGAACACCGGACGGGGAAGAGAGAGAAA AAGGCAAGACCAGAGGAAGAAGGAGGGGGGCCAGCAAAACGGGGGGAAAA GGGGCCGGGGGAAGGGAAGGAGGGGGAGACAGGGGGGAGGAGCGCAAGA GAAAAAAGGGAGGGGGAGGAGAGAAACAAAAGAAAGAGGGGGGCCAACGG G G G G G G G G G G G G G G GCAAAAAAGGAGGCCAAGGAAGGGAAGAAGACAAA AA G G G GAAGGCCACAAAAAAGGGGAACCAAACAGAGGAAGGAAAGAGGAA GGGAAAAAGACCAAAAGGAAGAAGGGGGAGAGGGAAAAGGGAGAAGCAAG A G G G G G G G A GCAAGAATTAAGAAAACAGAGGGAAGGAAGAGGGGACGAAA G GAA $\operatorname{l}$ GGGGGAGGGCCGGACGAGGAAGAAAAGAAGGGAAAGGGGAGCCG AGACAAGGAAAAGAGACGAAGAGGGAAAGAGGGGGGGACGGGGACAAAAA AA A GGGGGGAACCGAGGAGGACAGGGGGGAAGAGAGG
$22028000-9$ AAGGGGAAGGAAGGGGAAGGGGAAAAAAGGGGCCAAAAAACC CCCCAAGGGGGGCCGGAAGGAAGGCCAAAAGGAACCAAAAGGGGAAAAGG AACCGGGGGGAAAAGGGGCCGGGGGGGGCCAAGGAAGGGGAAGGAAGGG GGGCCGGAAAAGGGGGGAACCAAGGAAGGAAGGCCAAAACCGGGGAAAAA AAAGGGGGGAACCAACCGGCCAAGGAAAAGGGGAAAAGGGGGGCCGGCCG GAA $\operatorname{l}$ G G G G G G G G G G G G G G G G G G G G G A A G G G GCCAATTGGAAGGAAGGGG GGGGGGCCGGAAAAAAGGAACCGGGGGGAAGGAAGGAAAAAAAAAAGGG GGGGGAAGGGGAAGGAAGGAAGGAAAAGGGGCCGGGGAACCGGAAAAAA AAGGAAGGGGCCGACCAGGAAAGGGGGGAACCAGAACCCCGGGGAAGGAG TAGGAAAAGGATGAAGAAGGAGGAAGAACCAAGGAAAAAACATTCCAGAG ACGGGGAAAAAGCAAGAAGGAAGACAAAGAGGAAAAAGCAGAACAACAGA G GAAGGAAAAGAGGGGAAAAAGGGACGGAGGGAAAACCGGAAAAGAAAGA ACAGACGGAAGGAAAACAGGAAAAGAAGAGAGGGAAGAAAAAGGAACCGG G GAGAGAAAGCCAAAAAGAAAAGAAGGGAGAAAAGGAAAAGGAGAGAACC AAAGCAGAGAAGAAAAAAGAAGGGAGAACCCCGGAAGGGGGGGAGGAGAG CAGGAAAAAAAAAAAACCGGAAAGGGCCAAGGGAAGGGCCGGATGGGGAA AGGGAAAAACGAGAAACAAAAAGGAACATAAGCCGAAAGGAGGGGCGAGA AAGAAAAACCGAAGAAGGAACCGGGGAAGGGGCCAGACAAGGCCAGCACA AAGGAAAAAGGAAAGGAAAACCGGGAAAGGAAGGGAAAGGAGGGGAGAGG GGAAGGGAGAGGAGGAGAGCAAGGGAAAGAGGAGACCAGAGGAACCGAG ATAACAGAAGGAAGGAAGAGAGGAGGAGGGGAGACGGGGAAGGAAGGAA AAGAACGAGGAAAGATAAGAAGGGGGAAAACCGAGACAAAACGAGAGGAA

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G G G G G A A A A G A GAGGAAGGCCCAAGAGGGAAAACCGGGGCCAAAAGGGGA AGGGGAGGGGACAGGAAAAGGAAAGCAAGGAGGACAGAGAGTTCAAGAAG G G G G G C CAA G G G GAGGAAACGACAAGGGGAAGGAAGGAAAGAAGGAGCC GGAAGGAGGGAGAGCCAAAGGGGGAAAAGGGGGGGGGAGGAACAGGGGC AGAAGGGAAAAAACCAAAAAAGGAGAAGGAAGGAGACAGGGCCAGGGCAG AA $\operatorname{l}$ GGGAAGGAAAAGAAAGAGGGGAGGAAAAGGGGGCAGGGAAGGGGAA G G G GAGGAGACCCCCAAGAGGAAGAGACAAAGAAAAAGAGGAAAAGTTCC A GCCGGGGGGAAGGACGGAAGGGGGAGGGGAAAAAGAGAAGGAAGGCCG GAAGGGGAAAAAAGGGGGGGGGGAACCAAGAAAAAGGAGGAAAGGAAGG AA $\operatorname{A} G \mathrm{G}$ GAAAAGGAAGGGGGGGGGGACTTGAAGAGGGAGGGAAGGGAAAC CGGGGGGCCGGAACCAGAAGGGAAAGAAAGAGGCCGAAACCAAGGAAAAG GAAATAACCGGAAGGAACCAGAGAGGAACGGGGAGGGCCAAAGAAGGAGC AAAGAGGAAACTTGAAGGAAAAAAGAGAGAGAGGGAAAGAACCAAAAGGG AGGGGCCCCAAAAGGAGGAAAAGAGAAAAAAAAAAGGAAAAGGGAACCAG GGAGAGGAGGACCGAGGGAAGGGAGAGGAGAAGGGGAAAAAGAGGGGGA AGGAACGAAGGGACGGGGAGACGGCCGGGGGGGGAGCCGGCCGAACGGG A G G A GCCAGGGGGGGCACCAAGGCCAAGGGGGGGGCCGGAAAAAAAAAAG GAAAAAAAAGGGGAAAAAAGGGGGGAAGGAAAAGGAAAAGGAAAAGGGGA GGGAGGGAAAGGGAGACGGCCGGAAGGGGGGAAAAGGAGGGAAGAAGCC GGGGCAAGAGGACAAGGAAAGAAGGGGGCCAACCCCCCGGGGAAGAGAAG G G A A G G G G G G G G G GCCAAAAAAGGAGGACCGGGAAAAGGGAGGAGAAGA AAAAAAAGAGGGGAGCCGGGGGGAGAGAGCCGAAGGAGGGGGGGAAAGG AGAAGGAGGAGGGGGGAAAAAAGGGGAAGAAAAAAACCCCGAGGAGGAGG G G G G CAAA G GCCAAGGGGGAAGAGAAGAAAGGGGGGAAGGAGGGAAGAG GGAAAACGAGAGAGAAAGGCCAGGAGAAGAGCCGGAGAAAAAGAAGGGAA ACCGGGGAGAAGGAAGGAGCCGAAAGGCCGAAAAAAGGAAAAAGAGGCCA A G G G GAA G G G G G GAGAACCAAGGAAAAAAGGGGGGAAGGGGGAGGGGGG AAGGGGAAAAGGAAAAGGGGCCGAAAAAAAGGGAAGGGGGACACAGGAGA GGAAAGACGAGACCAAAGGGAACCAGCCAGGGGAGAGGCCAGGAGGACAA AAGGAAGGCCGGGGAGAGGGGAAAGGTTGGAAGAAGGAGAGGACGAGGA AAAGGGGCCCCAAGAGAAGAAAGAGGGCCAGGAACGGAAGAAGAAAGGGG GAAGGGGAAGGGGAAGGAGGGCAGAAGAGAAAAGGAGAAGAGAGGAAAA A GA A A A G G G G A G GACCGGGCGGAGGGGGGGAGGGAGAGGGACAGGGAGG GAGAAGGCCGGTTGGAACCAAAAAAAAGGAAAAGGAAGGAAAGAAGAGGG AGAAACCAAAAGGAAGGGGGGAACCGAAGGAGGGGGAAGGGGGAGAGCC AGCCGCGAGAAAAAAGAAAGCAGGAGGGGAGAAAGAGGGGAGGACCGGGA AA G G G G G A GAAGACAAGAAGGAGGGGAACCGACAGACAAGGAAGAAGGAA
 GAAAAGGGACCAAAGACAAGAAAGGCCGAGGAAAAGAGAGGAAAAGGGGA GAAAAGGAAAAAAGGCGAAAACCGGACGAGGCCGGCCGGGAAGAAGGAGA AAA A A G G GAAGGGGAACGAAGGGAAGAGACCCAGAAAAGGGAAAAGGAGC CAAGAAAAAGAAAAGAAAGAGGGACACGGAAAAAGGGGGAACGGGAGACG GAAAAAAAAAGAGGAAGAACCGGAAGGAAGGGAGAGGGGAAAAAGAGAGG GAAAAGAAAGGCCGGAAAAGGAGGGCCGGGGGGCCGGAAAAAACCAAAAG GAACCGAGAAAAGAGAGAAGGGGAACCGGACCCGGAAGGAGAGGGGAGAC CATAAAGCCAAGGGGGGACGAAGAAAAGGAAAAGGAAAGGGGAGAAGAGA AGGAAAAAGAAGAAGAAAAAGAGAAGGAGAGGGGGGGGAGGGGGGGATT GGGGAAGAAAACAAGGGGAACCAAAAAAACAGAGAAAAAAAAAACAAGTA GAAAGGAAAAAAGAGAAAGGAAGGAAAAAAGGGGAAAAGGGAGGAAAAAA AAAGGGAAGGGGAAGAGAAAGGAGAGATAGAAAAAAAAAAAAAGAGAGGG TTGACCAACCGGCCAAAAAGAGGGGGGGAGGACAAAGGGGAAGGAAGGGC CCAAAACCAAGAAGGGAAGGAAAAAAAGGAAGAGAGGGAGGGAAAAGGAA CAAAAACCGGGGCCGGAAAACCAAAAGGACCCGCGACCGGAGAAAGGAAA GAGGGGCCAAAAAAGGAAAGAAGAGGGAGGCAAGCCGGAAGGAGGGGGG G G G GAAAAGCAGAAAGGAAAAAGGAAGGAGGAAGGAGAAAAAAAGAAAAA GAACCAAGGAGGGAGAAAGCGAAGGGGGGCCGGGAAAGGGGGGAAAAGG AACCGGAGGGGGGGAAAAAGAGACGGGAGGAAAAGACAGAAGCAAAAGAA AA $\operatorname{A} A \mathrm{~A}$ GAAAGGGAGGGGGAGGAGGAGGGGAGAAAGGCCAAAGGAGGGAG GGGAAGAAGGAGGGGAAAAGGGGAAGAAAGGAGAAGGGAAGGAGGGCGG GGGGAAGACAAAGGGGAAAAGGAAAAGGGGGGGAAAGGAGGGAGGGAGA AAAAAGGAGCCAAGGGGGGGGGGGACCAAGAAGCACCGGGGACAACCAAG

GAAGGGGGGAAAAAAGGAACCAACAACAGAAGGGGCCGGAAGAGGCACCG AGGAGGGGACAATAGGAGGGAAGAGGAAGAGGGGAAGGGGGCCCAAAGG GGCAGGGGGGGGAAAGAGGGGGGGGGAAGGGGCCAAAAGACAAGAAGGA GGGAAAGGAAGGGAGGGGGGGGGAAACGGAAGGAAAAGGGGAAGGGGGG GGAGAAAAAAGGGGAACCAAGGCCGGGGAAGGAAAAGGGGGGAAAAAAGG AAAAAAAAGGAAGGAAAATTGGAAGGAAGGAAAAAAAAAAGGAAAAGGGG GGGGAAGGAAAAAAGGGGGGGGGGAACCAAGGGGAAGGGGCCAAAACCG GGGTTAAGGGGAAAACCAAAACCAAGGGGAAAAAAGGCCGGAAAAAAGGA AGGAAGGGGAAGGCCAAAACCGGAAAATTGGAAGGAAGGGGCCAAAAGGA AAACCAAGGGGAATTGGCCGGCCGGAACCGGAAAAGGGGGGCCGGAAAAG GAAGGCCAAAAGGAAAACCGGGGAAGGAAAAAAGGGGAAAAAAGGGGAAA AAAAAAAGGAAGGAAGGAAGGGGAAAAAAGGGGAAAAAAAAAAAAGGGGC CAAAAAAGGGGGGAAGGGGAAAAGGAAAAAAAATTGGAACCGGGGGGGGC CGGCCGGGGAAAAAAAAAAGGAAAACCGGGGAAAAAAAACCGGCCGGAAA ACCGGGGGGAAAAGGAAAAAAGGGGAAAAGGGGAAGGAAGGGGAAGGGG AAAAAAGGGGGGGGCCGGAAAAAAGGAAGGAAGGGGGGCCAAAAGGAAG GTTAAAAGGGGCCGGGGAACCGGAAAAAAAAAAGGCCGGAAGGAAGGAAG GGGGGAAAACCGGAACCGGAAGGGGGGGGAAGGGGGGGGCCGGAAGGAA AAGGGGGGAAGGGGAAGGGGAAAAGGAAGGAAAAAAAACCGGGGGGGGG GCCAAAAAACCGGGGAACCGGAAAAGGGGGGGGAAAAGGAAGGAAAAAAA AAAGGAAAAGGGGAAGGAACCAAGGAAGGGGCCGGAAGGAAGGGGAAAAA AGGAAAAGGGGGGCCGGAAGGGGTTAAGGAACCGGAACCAAAAAAGGAAG GGGAAAAAAGGGGAACCGGGGAAAAGGAAAATTCCCCAAGGGGGGGGAAG GGGGGAAAAAACCAACCGGAACCAAAACCAACCAAGGAAGGGGAGAAAAC CCCAAGAAAGGCAGATTGGGGAGAGAGGAGAGGAAGGGGGAGACAGAGAC CGAAAGAAGGGGGAAAACAGGGGGGGGGGGGAAAAAACCAAAGACGAAAA AGGGGCCAGGGCCAAGGCCGGGGGACCGAGGAGAAGGCAAAAAAAAAAAG GAAGAGGAAAAAGCCAAGAACGGAGAGGGAAAAAACCGGGGGGGGAAAAT TAGGAGAGGAAAAAGGAGGGGGGGAGAAGAAGCAAGAGGGAGAGGACGA GGAGAAGAGGGGAGGAAAAAAGAGAAATAAGGGAAAGGAAGAAGAAGAGA GAGAAGAACCCCGAAACCCAGGAAGAGGAAGGGGGGCAAGAGGGAAGAGA GAAGGAGAGAACAGAAGGGGAAAGGGAGGGGAACGAGAGGGGCAGGGGC CGAGGAAGGCCCCGAAAGAAAGGGGGGTACCGGTTAAGGACGAAGAGGGG AGAAGAGAAGAAAAGAAGATACCGGGGGGAAAAGGGGAAAGGGGGCAAGG AAGGAGAAGAAGGAGAAGAAGAAGGAAGAAGGGAAAGCAAGGGGAGGAAA GAGGAAAGAGGGGAAGGAGGGAAAAAAAAAGAAGGAAAAGAGAAGCAAGG GGGAGCCCAGGAAGAAGAACCAAACAAAGAATTGAAAGGAAGGGGAAAAA AGGACAGAGAGCAAGGAAAGAGAAAGGGGGGGGAGAGGGCCAAAGGGAG GAAGGGCCGGCATTGGAAGGAGAAGAAAGGGGAAGGGGGGGGAAAAAGA CAAGGAGCCGAGGAACAGGGGAAAAGGGGGGACCCGAAGGGAAAAGAACG AAAAGAAGAGGGGGGGAAGAGGGGAAGAGGGGCAGAAGGCAGGAAGGGG A GAGGGGGGGCCAGAAAAACCCAAAAGGGAGGGAAGAGGGAGGGGGAAG AGAAGAAGGGGGGAAAAAAGGGGGGAAGGAAAAGAGAGGAAGGGAGAAA AAGGAAAAGGACAGAGAAGAAACCGGAAAACCAGAAGGAAAGGGGGAGAG ACGGGGGGCCAGAAGGGAAAAAGAAAAAAAGGAGGGGAAAAAGGAAAAGA ACACCCAGGGGGTTGGAAGGGGCCAAAGGAGGAGGGAGAGAAAGAGGGA AAGAGAGAGCAAGCCAGAAAACCAAGAAGGGGAAAAAAAAGAAGGAAAGC CGGGAAAAGGGAGGGAGAAAGGAAAGGGGCCCCAGAACCAGAAAGGAAAG GCCAAGGGGCCGGAAAGAGGGGGAGAAGAAAGGAAGGAAGGCCGGAGGG CCGGAGGAAAGGCCAGGGGGGAACGGAAATAAAAGGGGGGCCGGAAGGA AGGGGAGGGGAAACCCCGAGGGAGGGAGGAGGGGGAAAGCCAAGGGGAC CCGGGAAACCGGGAGGGGACGGGGAAGAAGGGGAGACCACGGGGGGGGC CAACCAGCAGAAGGGAAACAGAGAGGGGGGGGGCACAGGAGGAGAGGGG GGAGAGGGGAGGACAAGAAGCCCCGGGAAGGAAGCCCCGGAGGGAAAGAA GGGGAAGGAAGGAGAGAGGGGGCAAGCCGGGGGGAGAAACAAACGGACA AGGAGAACCAGAGAGGGGAACGGAAGGCCGGGGGGGGAAACGGGGCCGG AGAAGGGGAAGGGGGGACGGAAAGCAACGGGGGGGGGGGAGGGGGGGGA GGGAAAAAAAGAAAAAAAAGAAGAGAAAGACGGAGGGGGAGGAGAAAAGA AGACCGAAAAAGGACGGAAAAAAAGAGGGGGACAAGAAGAGAACCAAAAA GGGAGAAAAGAAGGGGGAGGGGGGGGGGGGGATAAGGACAGGAAGGACC AAGAAAGGCAGACAGGGGAAGGGGGGAAGGCACAAAAGGGAGCAAGAGTA

AA G G G GAAGGAGGCAAGGAGAGGGACGGAAAGGGAGAAGGGAACCCGGA GAGGGAACCAGCAGGGAGGGGAAGGAGAGAAAAGAGGAGGGTAGGGAGA A G CAAAAAAAGGGGGAGGGAAGGGAAGGGAAAGGAAGGAAGAAGAGGAG G GAACGGGGGGAAAAAGGGAAGACCAACCGGGGAAGAGAAAAGGGAGCCA AGGCCGAGAGAAGGGAAAAAAAAACGGAGGGGGAAAGGGCAAACAAAAAA G G G AAA GACAAATCCAGAGCAGGAGAAGAGAGGAAGGGGGAGGAAAACCG GAGAGGGGGCACCAAGACCAAGAGGAAGGCCGGCCGGGAAAAGTAACAGG GAAAAAAAGGAAACCGGGGAAAACGCCCCAAGCGAAGCCAAAAGGCCCAG G G G G G G G G G A GAGGGACGCAAAAAAGGGGAGCCAAAAAAGAGGAAGAAAA AGGGGCCAAAGAGGGGAGGGGAAAAAAAAAAAAAAGGGGAAAAAAGGAAG GCCGGAAAAGGGGGGAAAGCAAACCGAAACCAAAAACAACAAAAGGAGGG GGGAAAGGGAGGGCCACAAAAGGAAAAGAGAAACAAGGGAGGGGGCACAG GCCGGCAAAGGAAGGGAAAGGACGGGGAAAAAAGAAAAACAAAGGAAAGA AGGGGAACCGGAAGGGGAGGGAAGGGACCGGAGCCAAAAAAAACCCCAAA CGGGAAAGAAGGAAACCAAGGGAAAAAAAAACAGGAAAGGGCCCCCAAAG A G G G G G G G GAAAAAAGGGGAAGGGGGGAAGGGGGGTTGGGGAAAAAAAA AAGGAAAACCAAGGAAAAGGGGGGAAAAAAAAGGAAAACCGGGGCCAAAA AAAAGGAAGGAAAAGGGGAAGGGGGGGGAGAAAAGACAGACCAGAACAAA
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G GAAGAGAAGAAAGAAAGAGAAGAGAAAAAAAAAGGGGAAGGAACCGGAG AA $\operatorname{G}$ GGGAACCAGGGGGGGGGGGAAGAAGGGGGCCAGCATAAGACGGAGA G G G A GACGGCAAAAATTGGAAGGGGGAGAGGGAACGGGACCGGGGAGGG AGAAAACCAAGGAGGGCACCAGAAAAAAAAAGGGAAAAAAGGCCAAGAAA CCAAGGAAAAAAAACAGAAGAAAGGACCAAAAGGGGAGGAGAACGACAAA ACGAAAAGGAAAAAAAGGAAGGAAAGGGGGAAGGCAAGAGAAAGAGAGAG AGGAACGGAAAGAGGAGGGGAGGAGAGGAAAAACAAGGGGGACAAAGGAA AACAAACAAAGACAAGGAAGGAGAAAAGGAGGGAAGAAAGAGAAAAAAGA GGAGAGAAACAAAAGAAAAACCGGGAGGAAAGAGACAACAGGGGCCAAGA GGCAGGAAAGGAGAAAAGGAAAAAGGGGAGAAAGGGAAAAAGGAAGAAAG AAGAGAGGCCGGGGGGGGAAGAGGAACCAGCCGGAAAGAGAGGAAAAGC GAAAGGAAAGGAGAAAAAAGGAAAAAGGGAAGGTAGAGGAGAAAGCCCCG AGGAACAGGAGCAAGACAGAAGAGAAAAAGGCAGGAGGAGGAGGGGAGAG ACAAGAGAAAGGGAAGACCGGAAGGGGGGAAGGGGGGGGAAAAGGGGAA CAAAGGAGGGAAAAAAAAAGGGAACCGGGGGGGGAAAGGGCCGGGGAGA AGGGGAAAAGCAGACGGAAAGCCGAGGAAAGAAGGGAAAAAGGAAAACCG GACCAGGAGAGGGATAGAGGAAAAAGGAAGGGGGGCCAAGGAAGGAAAAC CAAGGCCGGAGGGAAAAAAAAAGAACCCAGAGGGAAAAGGGACAGCCGAA AGGAAAGAAAAGGGAGAGGGAGAGGGGAGAAAACCGGGGAACCACAACAA GTAAAACGACCGAGGAGGGAAAGGCAAAAGAAGAACGAAGGCCAAAGGGG GAGAGGGGAGGAAGAGGAAGGAGGGAGCAGGAGGAAGAGAGCCGAAGGG CAAAGACCGGAAAAGGAAAAGGGGGGAAGGAACCAGAAGGCCAAGAGCGA G G G G G G G G G G G G G G AAAACCCGCCAAAGGGGGGAGAGAGAAAGAGGAAA GAGAGAAACAAGAGAAGACTTGGCACACCAAGAGGTTAATTAAGGGAGAA AAAAAAAGGGAAGAGGAGAGGAGAAAAAGAAAAAAAAAAAAGGGGAACCG GCCAAAAAAGGCCCCGGGGGGCAAAGGAAGAAGAGCGAAGGTTGAGGAAA AAAAAGGCCCCCCGACAGGAGAAGAAGAACGAAGGGGGAATACCCCCAAA GCCCCAAGGAAGGACAACCGGGGAAAGAACCGGAAAGGACCGGGAGAGGG ACCAGTAAAAGAGAAAGAAAAGGAAGGAAAACCGGGGCCGGGAGAAGAAA GAAGGAAGGGGGGGAAGGAAGGGGAGGAAGGCCGGAAAAGGAAAAGGGG GAGAGGACGGGGTTGGCCAGGGGGGGAAAACCAACCAAAAAAAAAGGGGA AAAGAGGGGGGAAAAAGGGGGATTAAGAGGGGAAGGAAGGGGGGAAGGA A G G GAA GAAAAGGAAAGAAAGAGGAAGGGGGCCGGGGAACCGGAAGGGG AAAAGGGGGGAGTAAAGAGGAAAACCAAGGAGGGAAGGAAAAGGAAAAAA G G ATA G GAAAGGCCCGGGCCCAGAGGAGGGGGGGGGAAAGGAGAGGGGG G G G GA GAA $\ln$ A GAGGGAAAAGAGGAGGGGAAAAAAAAGAGGGGGGGAAGG AGAGGACAAAAAAAAGCCAAGGCCGGGGAGGAGGAAAAGGAAGGAACCGA AGGGAACCAAACAAAAAAGAGGAATTAATTAACAAAAAGGGAAAAGAAGG CGAAAGAATTAAAAAAGAGGGGGGGGGGCCGGGGGGAAAAGGAAGGGGG GGGAAGAAACCAAGGGGGAGACCCAAGGGGGGGAAAAAAAGGGGGACGAC CAAAAAAGGCCAAGGCAACGGGGAAAAGGAACCAGAAGAAAAAGGGCAAG G GAAAGGGGAGAAGGGGAGAGGAGGAAGACACAGGAGGGAAAAAAGGAA AGAACCGGAAAAGGAAAAGGGGAAGGGGCCGGGGAGGGGGAAAAGGAAG GGGAAAGAAAAGGAAGGAAGGGGCCGAGGGAAAGGCCCCACCAGAAACAG AGGAGCCGGAGGGACCAGGGGACGGAAGGAACCAACCCCCAGCAGAAGGA AGAGGAGAAGACCAAGGAGCAAACAAAAGCAGAGAGGAGGAATAAAAGGA A G GAAAAGGAAGGGGGGAAAAGGCCAAAAAGGGGGGGGGGGGGGGAAGG G GAAAAAAAAGGGGAAAAAGAAAAAGGGAACAGGAGGAGGAAGGAGACGG AAGGCCGGCCACAGAACCCCAAAAGAAACCGAGAAGAAAGGGAAGGCAAG AAAAAAGGAAAAAAAAGAGGGGAAAGGGAAAGAACCAAAGATGGGGGGAA AAAGAAGAGGGGGCGAGGCCAGAGGAGAGAGAGGAAAGGAAAGGAAGGC CAAAGAGGGGAGAAACCAGAAGAGGAAACCCGGGGAGAAAACCAGCGGGA GAAGAAAAAAACCAAGGGGAGACAGAGGAGAAGGAGGAAAAAAAAGAAAA A G G GAGGGGGGGGAGAAAAAAAAGGCCCCGGGGGGAGGGAAAGAAGGGA AA $\operatorname{GAA} A \operatorname{Ag} \operatorname{GGAAGGGGAAAAAACCAAAAGGGGAAGGGGAAGGGGAAGGAA}$ AAACAGAGGACCTTGGGACACAGAAGGCGAGGGGAAAGGGAAGGGGCCAA CCGGAAAAGGTTGGAAAGAGAAAACCGGAAGGAAAGAGGGAGGAACAGGG G G G G A A G A G G G G G G G A G G G A G GAGGGGGGGGGAAAACCAAGGGGGAAAG GGGGGGGGAGAAAAGAAACGGGGAATTCCGGAGGGAAAAGGAGAAGGGG GAAGAAGGAACCAAGGACAAAAGGGGAAAACCAAGGGGGGGAGGAGGAAG GGGAGGAAGGGAGAGGGGAGAAAGAAAGAAAGGGGCGGGGGAAAAAGGG

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AA G G GAA GGGAGGGGGAGAGAACAGGAAAAGGAAAGCCGGGGGGAGCCG GGACAAGGGGGCCGGAAAAGAAGAGAAAACCAATTGAGAAAAAGGGGGGA GGAGGCCAAAAAAAGAAAGCCGAAACAAAGGCCAATTGGGACCAAAGGGA AAGGGAGGGAAGGGACGAGAAAGACCAGAAAGAAAAGGGGGGGGAAAAAA A G G G G G G G $\operatorname{la}$ CAAAAGGGGGGAGGAAGAGGAAGGGGGGGACAAGGCCCA GGAGAAACGGCAGAACGAGGAGAGGAGGAAAGAAGGAGGGGGAAGAAACC AAGAAACCAAGAGAAAACGGGAAGAAGGGGCAAATTGGGGGGAAGGACGG AA GGAAAAAAGGGGAAAGAGCCAACGAAGGGGAAAAAAAGAAGGAAGGGG AAGGAACCAGAAGGGAGAGGAACCAACCAAAAAAGAGAGGGGAAGAAAAG GGAAAAGGAAAACCGGAACCAAGGAAGGGGCCGAAAGGAAAAAAGGAAGA GAAGGAAAGGGGAAAGAGGGGGGGGAAAAAGGAAAAGGGGAAAGGGGAA GAAGGGGGAAAAAGGAACGAAGGGGGGGGAGGGAGGAGAAGAAGGAAAG AGGGCAAAGGAAAGAAAAAAAAGGCGAAGGGAGGAAGGGGGGGAGAGAG GGGGGAAAGAGGGAGGAGGGGGACCGAAGAGAAGGGGGGCAAGCCAGAA GGGGAAGGGGAACCGGAGGACAGGATGACGAAAGAACAGAGAAGAAGGGA AAGGGGAAAACCGGAAGGAAGGGGAAGGCCAGAGGGGGGGCCAGGGGGA GAGGGAGAGGGGAGGGGAAAACAACCCGAAGAAAGGGGGAAGAGGGGGA AGAGCCAGGAAAGAAAGGGGAAGGAGAGAAGAGGACAGGGGGGGGAGAA AAAAGAACCGAGGAACCCAGGCCACGGGAGGAGAGAAGGAGAGAGAGAAA GGGGGAAAAAAGGAAGGGACCGGAAAAGGAAGGTTAAGGGAAAGACCGGG GAAAAGGGGGGAGAAGGAAGAGAAAGGAGGGGGGGAAAGACAAGAGAGA GGGAGAGCGGCCCAAAGGGAGGGAAGAAGAAAGGAGAAGGAGAGGAGGA GGGGGGGGAAAGGAGGGCCAGGGAAAAGACAACAAAAAAGGACACGGAAA GTTAACCGGCAAGGGGGAAAAAGCCAAGGACGGAAAAGGGGCCAAAGGAA GGGAGAAGAGAGAAGGGGGGGGAGGCCAAGAAGAGAGAAAGGGAGAAAC GGGGAAAAGGGGAATTGGAAGGGGGGGAGGGGACGAAAAAGAGAAAACA ACCATGCAGGACCCCCCGGAGGGAAAGAAGGGGAAGAGGGGAACCCCAGG GAAAGAAGGGAGGGGGAAAGACAAAACAAGAGAGATAAGAAAAGGCAGGG GAGGGGAAGAAAAAAAGGAAGAAGGAGGATTGGAGAAAAGGAGGAAAAAG CCGCCGGAAAGACAAGGCCAGGAAAACGGAAGAAAGGGGGGAGGGAAGGA AGGGGGAGGAAGGAAAAGAGGGACCCCGGGCAGATGGAGAAAAGACCAAG AAACCGGGGGGAAGGAACCGGGGTTGGAAGGGGAAAAAAGGGGGGGGGG AAAAGGGGCCAACCGGAAAAGGAAGGGGGGGGAAGGAAGGCCAAGGGGG GCCTTCCGGCCAAGGGGGGGGGGAAAAGGGGGGAAGGAAAAGGGGCCGG AAAAAAGGGGGGGGAAAAAAGGGGAAGGCCGGAAAAAAGGCCAAAAAAGG GGAAAAAACCAAAAAAAACCAAAAAAAACCAACCGGGGAAAACCCCAAGGA AAAGGGGGGGGGGGGCCGGAAGGGGAAAAGGAAGGGGAAAACCAAGGAA AACCAAGGAAAAAAGGAAAACCGGGGGGCCAAGGAAGGAAGGCCGGCCGG GGGGCCGGAAAAAAAAGGAAGGAAAACCCCAAGGCCAAAAAAAAAAGGGG AAAAAAGGAACCGGAGAGAAGAGGGGAACAGGGGAGGGAACCCCAAGGAA CCAAAAAAAAAAGGAAGGGGGGAAGGGGAAAAGGCCAAAGGGTAACGGCC AA $\operatorname{GACA} \mathrm{G}$ GGGAAGAAGGGAAGAAGGGGGGGGGAAACACATTGCGAGAAC GGAGGGAAACAAAAAAGGAAGGGGGGAGGGACGGGGAAGAAGACGGAAA GCCGAGAAAAGAGAAAAAAGAAAGGAGGAAGGAATAGAGGACCAATTGGA ACCAAAAGGGGGAGAGGAGAAGGCAGGGGGGGGGAAGAAAGAAAACCGG GGAAGAGGGAGAGGAAGGGAACGGCCAAAAGAGGCAAGGGAAGAGGGAG AGGAGCCAAGGAGACAAAAGGCCAAGGGGGGGGACAACAGACACCGGGAC GCAAAGGGAAGGAAGAGGGAAAGAGAGGGAAGAAACCAAAGAAGGAAGAC CACGAGAGAGAAAGGGGGAAACCAGAAAAAAGGAAGGAACCACGAGAGAA AGGAAGGGGAAAAAACCAAGGGGAAAAGGCCAAGGGGAGCGCCGGGCGCA CAAACAGCCGGCGGGAGAAACACAAGGAAACGAGAGGAACCGGGGAACAG GGAAGAGAGAGGGAAAAAAGAGACCAGGGAACAAAAAAAGAGAAAGGGGA CGGGGCCCCCCGAAGGGAAAAGGGGGGGGGAGAAGGGAAGGATCCGGGG CCCGAAGGGAAGGGAGCAAAAAGGAGAAGGAAGAAAGGAAGGAGAAGGAA AA G GAGGAAGGGCAAAGGGGAAAAAAAAAAGGGGAGGGGGGGAAAAAAAG AACCGGGGAAGGAGGGACGAGGCCAGAAAAAGGAGAAAAAAAAACAAAGA GGAAACACGAGGAAAAAGGAAAAAAGAAGGAAAGGAAAGAGGAAAAAACC GCGGACGGCCAGAAGGGAGGGGAAAAGAAAAAAGGGGGAAAGAAGGAGG GAGAAAAGAAGGGAAGGGGCACCCAGGGAAACCAAGGGGGAAGGACAGGG GAGGGGGAAATAGGAGGAAGGGAAAGACAGAACAGAGAAGGAAAAAAGGG GAAGGAAAAAAGAAAAAAGCCGAAGAAAAGGAACCGAGGAGACAAGGGGG

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 A G G G G G G GAAAATTGGGGAACCGGGGAAAAAAAAAAAATTCCAAAAAAGG AA G GAACCAACCGGGGCCGGAAGGAACCAAAAGGGGCCGGCCAAGGAACC AAGGAAAAAATTGGAAGGAATTAACCAAAAAAAAGGGGGGAAGGAAAAAA AAAAGGGGGGGGAAAAAAAAGGAAAACCCCGGGGAGGGAGAAGAAGACGG CGACGGGGGACAGAGGCAGCAGGAAGAGAAGGGAACGGTAGGAGGAGAA GGGGGAAAGACGGAGAGGGGGAAGGAAAAAAAAGGAGGGACAGAAAAAAC CAGAAACGGGGAAGAAGAGGGGAAAGGGGAAGGAAAGAAGGAGGAAGGG AA G GAACCAGGGGGGGAAGGCCAACAAAGAGGGGAAGGCCAGAAGAACGG AA $\operatorname{A}$ GGGGGAGAGGGGGAACCGGGGGGGGGGGGGGCCAACCAAAAAAGGA AGGCCAAAACCCCGGGGAAGGGGCCAAAAAAGGGGGGGGGGAAGGAAGG AAGGGGAACCCCAAAAGGGGGGAAGGAAAAAACCAAAAAACCGGCCAAGG G GCCGGAAGGGGGGAAGGGGAAAAGGAAGGGGCCAAAAGGGGAAGGAAG GAAGGAAAAAAAAAAAAGGAAGGAAAACCGGAAAAAAAAGGGGAAAAGGC CAAGGGGGGGGGGGGCCAAGGGGAAGGAAAACCAAGGAAAAGGGGAAGG GGAAAAAAGGGGCCAACCGGGGCCCCGGAAGGAAGGAAAAAAAAGGAAGG AAAAGGAAAAGGGGAAGGAAGGAAGGGGAACCCCAACCAACCAAAAGGGG AA $\operatorname{l}$ GGGGGGGGGGGAAAAAACCGGAACCAACCGGAACCAAAAGGAAGGAA G G G G G GCCGGGGAAGGGGGGCCGGAAAAGGGGGGGGAAGGAAGGAAGGG GGGAAGGCCAAGGGGGGAAAAGGAAGGAAAAGGGGAAGGGGCCAAAAGG GGAAGGGGAAGGAAGGGGCCGGAAAAGGGGAAGGGGAACCAAAAGGGGC CGGAAAAAAGGAAGGAAAAAAAAAAAAAAAAAAAAGGCCGGAAAAAAAAA AA G G G G G G GAGAAAGGGAAGGCAGGACGGAGAAAGAGAAGGAGGAAAAA GAGAGACCGGCCAGCCAAAAGGACAGCCAGGAAAAAGGGGGGAAGGAAGG AGGGAGAGGGGAAAGGGGGGAAAAGAGGAAGGCCAAAGAAAGAGAGGGG AGGGGAGGGGAGGAGGAGAAGAAAGGAGAAAAAAGGACACCGGGGGGGA G GAAGGGGAGGAGGAGAAAGAGGGGAGGAAGAGAAGGGAGAGAGGACCA AA $\operatorname{l}$ G G G G A GAGGGGGCCAAAAAAAAGGACAGGGAGCAGGGGAAAACAGAG GCAAAAGGAAGGGACAACCGGGAGGAACAACGAGGGGAAGGCCAACAAGA AAAAAAAAGAAAAAGAGAAGGAAGGCCGGAAAGAAAGAGAGAAGGGGAAC AAAAGGAGGAAAAAGAGAGAAAAGGCAGGAAAGGGAGGAAAGGGGGAAAA GCAGGGAGGGGCCCCCCGGGGCAGGAAGAGGCCAGAAGGGGGAAGAAAA ACGGAGGAACAAGGAGAGGGAACCGAAGGGAAAAACGGAGGGGGAAACCC GGAGAGAGAGGGAGAGGAGAAGAGGGAGGACCAAGAAGGGACAGAAAGA GAGACGGAGGAGAAGTTGGGGAGAAGGAAGGGGCACCCGAAAGGGGGGA GAAGAAGAAGCAAAGGAGGACCAACCAAAAGGGGAGAGACGGGACCCCGG AA G GAAAGAAAGGGAAGGGGGAAGATAAGGAGGGAAGGGAAAGGGGGGT TAGGGGACCGGGGAAGGAGGGAGAAGGAGGAGAAGGAGGGGGGACAGAA AACAGGAAGGGGAGAAAAGGGACCCCGAGGAAAGAGGGCCGGGGGGGGG GACAGACAGAGGAAAGAGGGAAAGGAGAAACGGAACAGAGGACGGACGAC CGGGGGAAAGGAGAAAGGAGGAAGGGGAACCGGAAGGAAAGGAGAGGGG G GAAGAAGAAACGGAAAAAACAAGGGGGGGGGGGGGGAAAAGGGGGGGG GAAAAAGGGAGCAAGAAGGCCGGGGAGGGGGAAGAAAAGGGAAGGAGAG G G G GAA G GAAAAGAGAAAGGGGAAAAACAAGGGGGGAAAAACGGGGGGG GACAAAGGCGAAGAAAAGGAAACGAAGGGAAGGAAAGCCCAAGAGAAGGA G G G A A G G A GAGAAGGGGAGGGAGGAGAAAAAAAAAAGAAGGAAGGAAAGA GAAAACCAGAGAAAACCAAAAGGAAGGGGAAAGGAGGAGAGAAGGGGAGA GGGAAAAGGGGAAAAGGGGGGGGGGAAAAGGGGAAGAAGCCACGGACAA A G G G G G A A G G CA $\operatorname{l}$ GGGGGGGCCAAGGAAGGGGACGGCAGGGGGGGGGGG GCCGGAAGGAGCAGGAAAAGGGGGACAGAAGGGAATTCCGGGAGGGGAA AAAAAAAGAAGAAATTAAAAGGGGGGGGGGCCTTCCGGGGGGAGGAAGAG GAAAGAACAAAAAAAAAGGGGAGAGAAACAGAGGACAAGGAAACAGGGGG GGGGACAAGGAGGGGGGGAAGGAAAGCACAAGGGAAGGAAGGAAGGAAA AAACCCCAACCCCGGGGGGGGGGAAAGGACCGGGGGAGGAACAAGGAGGA GAAGGGAGAGGGGGGAAGGGGGGAAGGACAAGGGGGGAAGGAACAAGGA CCCAGGAAGGAAGGGGAGAAACGAAGCGACCACCGACCAAAAAACAAACA

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CAAGAAACCCAGGAAGGAAGGCAGGACAAAGAAACGGAAGGGAGGAGGGG GGGGGAAAAAAGGAGGGGAAAGAGGAAAAACCCAGGAGAGGAAGGCCCAA ACCAAGATTGGAGGGAAAAAAAAGGCCGGGGACGAGAGAGAGGGGAAAAA AGAGGAGAGGGAAGGAAGGGGAAAGAGCCAGAGAAAAAACCGGAAAAGGA G G G GAGAAAAAAAAGGGAAAAGGGGCACCACGAGGAGAGGACAGGAGGG GAAAGGAGAGAAAGCAAGACAGGGGGGGCAGGGGGGAGGAGAATAGGGA GGGGGTTGGACAAAAGAGAGACAGAAGGGGAAAGAAAGAGACCAAAAGGA AAA $A \operatorname{GGGGGAAGGAAGGCAGAGGAAAGGGGGCCAAGGGGAAGGGGGGGG}$ AAAAGGAAGGGGGGAAAAAAGGCCGGGGAAGGGGGGAAGGAAGGGGAAG GGGAAAAGGAAGGGGGGAACCAAGGAAGGGGAAAAAAGGCCAAGGGAGCA CGAGGCCGGAGGGGCCAAGAAGGCCAAGGAACCAAAGGAAAGGAGAGAGA CGGAGAAGGACAAGAGGGGCCAGGGGGACGGAAAGGAAGAGGAAGGGAG G G G G GAGGCCGAAAAAAAGGGGAAAGGGGGAGGGAGAGGGAGAAAAAAG GAAGGAAGAAAACGAAAAGGGAGAAGGAAGGAAGGAAGGCCCAGACAGGA GAGAGACGAAGAAGAAAAACAAAGGGGAAAGCACACCAGAGAAGGAAAAA AGGAAAAGGGACAAAGAGGAAAAAAAAAAAAAGGAAAGGAGAAGAGGAAA G G G G G GAAACCAGAGGGAAAAGGGGAGAGAAGGAAGGGGAACCGAGAAG AAAAGAAAGGAGGGGGAGGGAGAAAGAAGGGGAAGGAAGGAAGGAAGGG GAAGGAACCAAAACCGGCCAAGGAAGGCCAAAAGGAAAAGGGGGGAAGGG GGGAAGGGGGGCCAAAAGGGGAAAACCAAGGAAGGAAGGCCGGAAAAGGA A G G G GAAAAAAAAGGGGCCAAGGCCAAGGGGAAGGAACCGGAAGGCCGGA A G G AAAAGGGGAAAAAAAAAAAAGGGGAAGGGAAGGAACAGGGAAGGGGA AAAGGCCAAAACCCCAAAAGGGGGGAAGGTAGGGGAAAAAGAAGAAAGGG AAGAAAAAACCACGGAAGGAAAGAGGGACAAGAAAGAGGAGAAAAAAACC CCAGGGGAGCCGGAAAAAGGGGGAAAAAAAAGGGGAAGGGGGGAAGGAA CCGGAAGGGGAAGGGGAAAAGGGGAAGGGGGGGGGGCCAAAAAAAAGGG GAAGGCCGGGGAGGAGAGGAGAAAAAGGGGGGGAAGGGGAAGGGGAGGG AAAAGAAGAGAAGGGAGAAGGAAGAACAAAGGGGGGGGACACAGGAGAAA CCAACAAGAGGAAGAAGAAAGGAAAAAAGGGGAAAAGGAAGGGGTTTTAG CGGGGGCCGAGGAAAGCCAAGAAAACGGCCGGAAGGAACCAAGGAAGGGG CAGAAAAACAAGAACCGGGAGAAGGACCAGCCGAAAGGGAAAGGCCGGAA GGAAAGGACCGAACAAAGAAAAAGAGGGAAAAGGTTGGAACCAAGGAAAA AAAGAAACGAGGGAGGGAAACCGAGGGAGGAAGGGGGGGAAGGACAGAC CAAAAAAAAGGGGGGAGGAGAAAAAAAAAGACAGAAGCCAAAAGGAAAAA AACGGGAGGGGGGCCGGGGAGAAAATTGGAGACAAGGGGAAAAAACCGGC AGGGAAGCAAAAAAAAAGGAAAAAAGAGAGGGGGGAGACAGAGATTAAAA AAGAGCCGGAAAGAGAGCATTGACCAGAAGGAGAGAGCAAAAAGGAAGGG ACCGAAGACAAGGACGAAGAAGAGGGCGAGGGGGAGGGAACAAAGGGAAG G GA GAA GAAGGGGCAAGAAAGGGAAAAAACCGGGAAAGGGGCCGGGGAA GGAGAAAAAAAAGGAAAGAGACCCGGGAAGAAGGAACCAGAAGAGAACGC AAAAAAGGAAAAAAAAAAAAAAAAAAAAAAAAAAGGGGGGGGAAAAGGGG AACCGGAAGGAAAAAAGGAAAACCAAGGGGAAGGAAGGAAAAAAGGAAGG AAAAGGAAGGAACCGGAAAACCAAGGGGGGAAAAGGGGAAAAGGAAGGGG AA G GAAGGGGAAGGGGGGAAGGAAAAAAAAGGAAGGAACCGGGGGGGGA AAAAAGGAAGGAAAAGGAAGGGGAAGGGGAAAAGGGGAAAAGGGGGGAA CCAACCGGGGAAGGAACCAACCGGGGAAAAGGGGGGAAGGGGGGAAAAG GGGGGCCCCAAAAGGAAAACCGGAAAAAAAAGGGGGGCCAAGGAAGGAAG GAAAAGGAAAAGGGGCCCCAAAAGGGGGGGGAACCAACCGGAAAAGGAAG GAAAAAAAAAAAACCAAGGGGGGAAGGAACCAAAAGGAAGGGGCCGGCCA AGGAAGGGGGGGGAACCAACCGGAACCGGGGGGGGAAGGAACCAAAAGG CCAAGGAAAAAAGGGGGGAAGGAAGGAAAAGGCCAAAACCAAAACCTTGG G GAAAAAACCGGAAAAGGGGGGAAGGAACCAAGGGGGGCCAAAACCAAGG CCGGGGGGAAAAGGAACCAAGGAAGGGGAAGGGGAAGGCCGGAAGGGGG GAA $\operatorname{l}$ G G G G G G G A GCCGGGGGGACAAAAAGAGGGCGGAAAAAAGAAAAATA AAGGGAAGGCAAATTAAAAAAAACCAAAAAAAAGAAACCGACCAAAAAGGG GGAAAGAAAAGGAACCGGAGAGAAATGGAAGAGGACGCACAAAGGAAGTA CAAAGGAATTAAACAACCAAAAAAGAAGAGAAGGGGGACAAGAGAGCAGG AGAAAAGGGGGGGAGGAGCCGGGAAGGGAGGAGAAAAGCCGGAAAAAGA GAAGGGGGGCCAGGACCGGGAAAAACCAAGGAGAAGAAGAAAAGAGACAC AAAAAAAAAAGGAGAAAAACCAAGGGGAAAGAAAAAAGACAAACAACAAA GCCGGGAAGGAATAAAAAGAAAAAAGGAGAAGGAGGAGAGGCCCCGGCGA

G G G G GCCGACAGGGGGGACAGAAGGAAAAAAGCGGGGAAACACAAGGGAC CGGAGGGAACCGGAAGGGAGGAGAGAAAAAGGGAGAGGGGGAAGGGGGA AACAAACCGAAAAAGGAAGAGGAAATGGGAAAGAAGGGCCGGGGAGCCCC GGGGAGGGAAAAAAGGAACAGGAAGGAAAGCAAGGAGAAGACGGAAAAGG AAAGGAGAGGGAGAGGGGGAGGGGCCGGGAGGAAGAAGGGAAGGAAAAG GCCAAGGAAGGAAGGGGAAAAAAAGGAAGAGGACCAAAGAGGAGGAAGGG AA $\operatorname{G} \operatorname{GGGAAAAAGAGAGGGGAACACCGGGGGGCCAGAGGGAGAAGAAAAG}$ G G A A G G G GAAGGAAGGGGCAACAAACAGGGAAAGAAAGGAAGCCAAGGAA G G G ACCAAAGATAAGGGGAAGAAAAAAGCCGGGGAGAAGAGAGACGCACC G G G GCCGGGGGGAAAGGAGAGGGACCGGGGAACAAAAGAAAAGAAACAGA AGGAAGGGCACAAAAGAACCAGTACCAGGGAAAGGGCCAAAAGGGGACAA AGCCGGAAGGGACCAAGGCACCGGAAAGAGGGGGAAAAATCCAAGGGGGA AAAAGAGAAAGGGGAAAAAACCAAGGGGAACCAAACGGGGGGAAGAGGGG AAACGGCCGGGGGAGGGGAGGAAAGAACCCGAAGAAGGAAGGGAGGGGG GGGGAGGAAGGGAGGAGCCAAGGAAAGAGGGAGCCGAGGAGAAAGACGA CAGGAAAACCGAGACCAGGGGGGAGACCAAGGGGACACAGCAACCAGGGG AA G G G G G G G G G GAAGGGGAAAAAACCGGAAAAGGAAGGAAAAAAGCAAGA G G G GA GAAA $\operatorname{GAA}$ A G GAGGGAGGGAGGGGAAAAGGAAAAGGGGAAAAGAC A G G G G G G A G G A A A AAAA $A$ AAA $A$ AAAAAAAAGGGGGGGAGAGGGGAAGGAG CAAAAGAAGGAAGGCCAGCAGGGAAGAGGGCCCCGGGAAAGGGGAACCGG AA G GCCAAGGAACCAGAAGAAGGGAAGAAGAGAGGGCAGGAAGAGACCAA GGAAACAGAAAGCCACGGGACCGAGGCAAAGGCCAGCCGAGGGGAAGGAC GAGAAAGGGAAGCCAAGGAGAGAAAAAAGGAAGGGGAAGGCCGGAAAAAA GGAAAAGGAAGGAAAAAAAAAGGGCCGAGGGGAAGAAGCACCGGAACACC CСTTACCCCCAAGAGAAAAGCAGAGGAAAGGGACAAGGGGCAAGAAAAGG AGGGCCGAAGAGGGAAGGCCAAGGAAAGCAAAGGAAAGGGCCAAAAAAGA GGAAAAAAGGAAAATTGAGGAGAGAAGAGAAGAGGAAGGACAAAAAAAAA GGAGACAAAAGGCCCCGGGGAAAAGGGAAAGGGGAGGAGAGAGAAAAGGA AAGGAGAGCCGGGGAGGAGGGGACAGGGGAAGACAGAACCAACCAAAAAA AAAAAGGGGGAAAAAAAGGAGGCCGGGGGGCCCCAGGGAGAAGGGGAAG GCCGGGGGGGGGGGGAAAAAAGGAAAAAACCAAAAGGCCGGAAGGAAGGA GAGGGGGCAAGTTAGAAAAAAAAGAAGGAGAAAAAAACCAGAGGGGAAAA AGGAAAACCGGGGAAAGGGCCAGAGAAAAGACACCGGGGAGAAGGAAGAA AGGAAAAAAAAAAACAGAGGGGAGGAAAAAAGGAAGGGGGGAGAAAAAGG AACAAGGAGGGCAGGAACAGGGAGGCAAACGAAAGAGAAAGAAGGAACCG GCCAAGGAAAAGAAAAAGGGGGACACAAAGGAGAAAGAGGGCGGGGGGGA G G G G G A G G G CA GAAAAAGGAACCAAGGGGGGCCGGGGGGGCGGAAGAGA AGGAGGAAGGAAAAGGAAGAATAAAACCCCGGGGGGGGAAGGACACGAGA CACCCAAGATAGAAGAAAGGAAAAAAGGAAAAGGGGGCGAGGGGAGAAAA A GAGGGGGTTAACCGGGGGGAAAAGGGGCCGGGGAGAAGGAGGAAGGGA CGAAAGGGGGGGGGGAAAGGGGGAAGGGAGAGGAAAAAGCAAGAGGGAG AAAGGGGGAGAGGAGGAGATACAGGGAAGGAAAGGGGGGGAAGGGGAGG GGGAAACGGCACCGGCAAAAAGGGAAAAGAAGGACCAGAGGGAAACCGAC ATTACGACCGGGGGAAAAACCGGGGGGAAGGGGGGAAAAAAGGGGAGAC GAAAAAAGGAAACCGACAGGAGAAGAAAAAAAGGAAAAGAAAGGGGAGGG AAGAAAACGGACGATTAAAAGAAACCAAAAGGGGGGGAAGAAAAAAAACC AACCGGAACCGAAAGGACGGAAAAAAAAAAAAGGAGGAAAAACAAAAAAA AAAAGGAGAAGAAAGGAAGGAAAAGGACGAGGGGCCACAGGAAAGGAGGC AAAGGGAAAGAAAGGAAGGGGGCCGGAAAAAAGGGGGGAGGAGGGAAGG GCCAAAAGGGGAACCAAGGGGAAGGGGCCGAGGAAGGAATACCGGAGGGA AGAGGGGAAAAAGAGAAGAGGCCAGGGGAAAGACCGGCAAAGGGGAAGAG G G GAGGATTCCAAGGAAGGGGATGAGAGGAACCAAAATAGGAGGAGAAGG G G G A A G G G GAAGGAAAAGAGAGGAGACAAGGAGCCAAGACAGAAAGGGGA AGGCCAGAAAGACGGGCGGGGCAGGAAAAAACCAAAGAAAAGGGAGGGAC CGAGCAGCCAAACCCAAGGCAAGACAAGGGGGGGGAAAACCCCAAAAGGG G G G CCAAAAAAGGGGAAGGAGGCAAGGAGTTGGAGAGCAAAGGAGGGAG GAGGCCGGAAAAAGGGGGGGCAGGGGGGAAACAAACAGGAAAGAAGAAG GAGAGAATTGGGAGAGGAAGGAGGGCCAGAGAAAGGCAGGGGGGGGGGG AGCCCCAAGGAAGGAAGGCCGGCCGGAGCCAGAAAAAGGGAAAAGGAAAA ACAAAGAAGAGGGGACGGGGGGAAGGGGGGGGGGAAAAGGGACCGGAGC AGAAAAGCCAGAAAAGGAACAAGAAGAAAGGGCGGAGGGGAGAAGAGAGA

GAAAGGGAGACGGGAGGCCACGGACACGGGGAGACGGAGCAAGCAGAACG AAAAAAGCCAAAGACAGAAAGAAAGGGGACAAGAGGACCGGGGCCAGAAA GAGGAGGACAGAGAAAACCAAGGACACAACAAAGGAAAAGGACAGGGGGG AGACCGGAAGGGGAAAAAACCGGAAGGAAAGGAAGAAACGGGAAAAGAAC AA G G G GAGGAAGGGGACAAAGGGGAAAGAAGGGGGAAAGAAACGGAGAA AAAAAAGGAGGGAAGGAAACGGAAAAGAGGAAGGGGAAAAGGGGGGAAG GAGGGGGGGAGGGGGGGCCGAACAGGGGGAGAAGGAGAGAGGGGGGGGG AAAGGAAAGAGGGGGGAACCGGGAGAGGAAAAAACCTAGAGAAGCCAGGG GAGGAACGGGAAGAAGGGAGCCAGAAGGAGGAGGGAAAGGCCGGGGAAA GGGGGAGGAGGAAGAAAGGGGGAGGAGGGAAGGGAACGACCAAAACCGG AGCAGGAAAAGGGAAGAAGAAAGGAAAAGGTTAAGGAAAAAAAAAGGGAC ACGGAGAGAAAGAGGGAACCGGGGGGAGAGGGAAGGGGAGAAAGGAACG AAGGAGACGAAAAACAGACAAAAGGGGAGAGGGCCGAAGAAAGACAGAAA AA GAAAAGGCAAGCAAAGGAGGGAGTTAGGGGGAAAAGGATAAAAGGGGA AACGAGGAAAAGGGGAAGGAAGGGGGGGAGGGGGAAGCCCCAGAGCAGA CACAGAGAGAAGCCGGAAGACCCAGCAGAAAAGGAATTAAAGCCAAAGAA GGAAAAAAAAGGAGGGGGAAGGGGCCAGCAGGGGGAAAGAGGAAAGACCA AA GACCGGAAGGAAAAAAGGGGAAAACCAGGGGGGGAGGGAAGGGGAGA AGGGGAAGAGAAACAACGAAAGGAGGAAGCAGAAGAAAAAAGAGAGGGGA AAAAGAGGGGAAAGAAAAAGGGGAGTTGAGGAGAGAGGAGGAAAGAAAGA GGAGGAAAAAGAGAAAAGGAAAAGGCCAGAGCAAAAAGGACACGGGAAAA ACAAAGGAAAAGAAAGAGGAAGGAGAAAAAAGGGGGGAGAAAGGAACAGG GAACAGAGGGGAGAGGAAGAGAAGAGGGAAAGGCAGGGGCCTTATGGGG CCCCAAGGAGACGGGGAAAACCGGAGAACCAAGAGAGGGGGGACGGGAGC GACCAGGAAGAAGAGAAAAAAAAAGGGGAACCAACCAAGGAAGGAAGGCC AAAAGGGGGGAATAAAGGCGAAGGGGAAAAGGGGGGAACAAGAGCCAGG GAAGACAGGAGAAGGAGAGCACAAAGGAGGGAGGGGAGGAAAGGAAACCC CAAGGGGAAGAAAAGACAAGGAAGAGAAAAAAAAAAAGGGAAGGGAGAAG GAAGGCCAAGACCGGAAGGGGGAGGGAAGAGAGGAGGGACCGAAGAGAA GGAAGGGGAGGGGGAAGGACAAGGGGGGGAGGAAGGAAAAAAAATACAG GCAGAAAGAAACATTAGGGAAGAGGGGAAGGACAAGAGGAAAGCCGGCCG GAACCAAACCAAAGAAAGAGGAAAGGGAAGGGGAAGGAAGGAATTAGCCA AAAAAGGACGAGAAAGGGGATAGACAGGAAAGAAAAAGGAATTACAAGAA AGGAAGGGAGGGGCCAAGGCCCCAAACGGGGGGAAAAGGAACAAAAGAAA GGGAAAAAACCGGCCGGAAGAAAAAAGAAAAAATTAAAGAGCAAGCCAAC AGAAGACAAAGAAAGGGGAGCACGGTTAAAGAAAAAGACGGGGAGGGGGA AGGGGACGAAAAAAGAAGAGAAGAGAAGGGAAAAAAAAAGGAAAAAAGGC CGGAAGGCAGACCAGAAAGAAAGGGGGGGCCAAAGAAAAGGCCAAGGGAG GAAGAAACCGGAAAAAACAAGAGAGGGAGGGCGAAGGCCCCAAGGAAAAA ACCAAGGGGAAAAAAAAAAGGGAGGGAAGGGAAAGGACAGAGGGAGAGGG AGAAGATAGGGGAAAGGGGAAGGGGGAGAAGGAGGAAACGGACAGAGAA GGCAGGGAGAAAAAAGGGAAGGGAAAACGGCCAAAACCCCACGGCCAAGG CCGAGGGAAGGAGAACAGGAAGGACAAGGGAGGAAGAGGGAAGGAGGAC CAGGAAGGGGAAAAGCCAAAAAAGGAAAAGGAAGGGGGGGGGGAAGAGG GGAAGAGGGGGGCCAAGGAGAGGAAGGGGAGAAGAAGGGGAAGGGAAAC GAGAGGGGGGGAAGGGGCAGGGAGGGACAGAGGAGGAGGCCGGAGGGAG GGAGACAGGGGGCAGAAACCATAAGGGGAACCAAGGAAAAGGGGGGAAAG GAAAGGCAGGAAAGCAAGGGGAGAGGAAAAGGAAAAGGAGCCGAAGCAAA AGGGGGCCGGAAGGGAAAGGGGGGAAAAAGGAGGAGAGGAACGGAGGAG AAAGGAAGAGAGGAAGGGGAAAAAAGGAAGGGAGGGAAAGGCCAGAAAGA AGGGAGAGGAAGAGGGGAAGGGACGACAGGGAGGGAAGAGGAGGGCCAA GAAGGGGAGAGAGGGGAAATCCGGGGGGGGGGAAAACCGGGGGGAAAGG GAGCAGGAAGGGAGGAAGGGGAAGGCCAAGGAAGAAAGAGAAAGGCCGG AAGAGGAAAAGGAAACGGGGGGAAAGAGAAAAGAAAGGGGAAAGAGAAAA CCAAAGGAGGGGGGGGGGAAGGGGAAAGGGAAGGGGAGAAGGGGCCGGG AAGAAGGAAAGGAAGCAAAGGAAGGTAAGACGGCCAAGGGGGAAAAGAAG GGGAAGGGAAGGAACGGGAGCAGAAGGAGGGGAGAGGGAAAGAAGACGA GAGGAAGGAAGAGGGGAAAACCTTAAGGAAAAAAACGGGGAGGAAAGGAC CCAAAGAAAAGGAACCGGACAAAAGGAAGAAAAGAGGGGGAAAAGGCCAA GGGAAAGGGGAAAAAGGAGAAAGGAAGGGGGGAGAAAGAACCCCGCACAC AAAACCAAGACGAAAAGGGGCCAAAGACAAGGAAGGAAAAAAGGGGAAAA

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 G G CA $\operatorname{l}$ GAGGAAAAAAGAGAGGGAGGGGAGGCCGGGAGGAGAAGAGGGAG G GACACCAGAGGGGGGGAGGGACAGCCGGAGAGGGAAAAAAAGGGGGGG AAACAAAAGGAAGAAGCCAAGGGACCAGAAAAGAGAAGAAAACAGAAAGA AA GGGGCAGACAAAGGAAAACAAAGGGACCGGGGACGGGGAGCCAACGGG ACGGGGGGAAGGAGGGAAGAAGGGAGGAAACCACGGAAAAAAGGGGGGA GAGAAGGGGGGAAGGGGGAGAGGCCAGGAAAAAGGAGAAAGGAAGAGGG GGGGAAAAAAAAGGCAGGGGCCGGGGAACCAAAAAAGGAAGGAAGGAAGG ACGGACAAAAGGGGCCCACCGAAAAAGAACGGCCCCGGAAGGGGAGGGCA AA G GAGGGGGGGGGAAAAGGAAACCCAGGGGAAAGAAGCAGGAGCAAAG GCCAAGGGGGAGAAAGGGGAAAACAAGAGGAAAGAAAGGATAGAAGGGAG
 G GAA G GAAGGCCAAACGGCCAGCCAAGGAAAGGGCCGGAAAAAAGGGGGA AA G GAA $\operatorname{A}$ ACAAAGGGCGAGGGAAAACGGGGGGAGGAAGGGCCGGGGCCG GCCGGGGAGGGGGGGGAAGAGGGAAAGGAGACCGGGGAGGGAAAGAACC A G G G G G G G A A A A G G G GAA GAAAAAAAAAGGAAAAAAGGAAAAGGAAGGGG GGAAGGAGAAGGAAAAAGGGAACAGGGAGGAAGGAAGGGGGGGGAAGGG AA GAAGGGAAGAAGGGAGAGGGGAAAAGGAAAAAACCAAAAAAGACCGAA AA $\operatorname{l}$ GA $\operatorname{GAA} \mathrm{A}$ GGGGGGGGCAAAAAGGCCGACCGACCGGCCGGGGAGGGAC A G A A G G GAAGGAGGAACCAACCCCAAAGAAGAACGGGGGAGGCAGGGGAA A GAGAGAAAAGGGGAAGGCCAGCCCAAATTGGAACGGGCACCGACAGGAG AAAAGGGACCGGAAAAAGACAAGGAGAGAGAGGGGGCCACCCAAAGGGGG GAGGGAGGCCAAGGGGGAGGGAGGAAGGAAGGAAGGGGGGAAGGGGAGG AACGAGGAGGGGGGGGGAGACAGAGCCGGAGAAAAGGAAGGGGAGAAGA GGGGAGAAACGGGAAAGAAAGGAAGAAAAAGGGGAAAAGGGGACGAGGG AGAGGAGGAAGAAGGGGGGAAAAAAAAAAAAAGGGAGGCCCCAGAGAGGGG AAACCAGAAAGAAGGGGAGAACCGGACGGAGTAAGAGAGACGAAAGAACC
 AA G G AAAAAAAAAAAGAGAAAGGGGGGGGGAAGACCGGGAAACCGGGGAA G G AA $\operatorname{GAGGGGAGGGAGAGAAGGGAAGAACCGGAGAAGGGAACGAGAGGC}$ CCACCAGAAAAGGAAGGCCGAAGAGAGAGAAGGAGGGGGGAGGGGGGAC G GAGGAAAGGCCAGAAAGAGGAGGAAGGAAGGAACCGGCCGGAAAAAAAA G G A G G ACCGGAAAGAGTTAGACGGAGAGGGGAAAGGAACCAAAAGAAGGG G G G GAAAAGGAGAAGGGCAGCCAAAGGAAAGAGGACGGACGAAAAACAAA GGAGAAGGGGAAAAGGAAGGAAGGACCAGGGAGGAAAGGAGGAAAAGGG GGGAAAAAGACGAGAGAAAGAGGAAAAGGCCAAGGGGAAAAAAAAGGAAA AGGAAAAAAGGAGGGAAGAGGCCGGGGAAAGCCAAAGAAAAAAGAAGCCA AA GCACAGGGAAAAAGGGGGGGAAAAAGGGAGGATGGAGCCCCGGGGAAA AAAAAAAAAAGAGAAAAGAGGAGGAAAAAAAAAAGCCGGAAAGGGGAGGG ACAAGAAGGAAGGCCAAGGGGGGGGAAGGAAGGCGAAACCCCCCCAGGAC AAAAAGGAAAAAAGGAGGGTTAGCCAAACGGCCAAAAAAGGGGAAGGGGG GAGAAGGAAAAAGGAAGGGGAGGGGGGAAAACAAGAGGGGGAAGAGGAA GGGGAGGGGGTTAAACGACAAAAGCCGAGGAAGGGGAGAAGGGGGGACG GCCAAAGACAGAGGGGGGGGGGGAAAAAAGGCAAACATAGGGAGAGGGG GAGGAA GAGGAAACGGAAGGACGGACGAAGAAGAAGAGGACAAGACAAGG G G A GAA GACAAAGGCCGGGGAAAAAAGGCCAGAAAAAAGAACAGATAGAA G G G G G ACCCCGGGGCCCCAACCAGGGGGCGAGAAGGAGAAAGGGAACCAA G G G A G A T T C CGGAAGGAAAAAAAGAGGGGGGGAACCAAGGAAGGAACCAA AA G GAAAAAACCAAAAAAAAGGGGGGAAGGCCAAGGAAAAAAGGAAGGGG AAAAAAGGGGGGAAAAGGGGAACCAAAAAAGGGGGGGGAAAAAAAAAAAA AAAAGGGGAAAAAAAAGGCCAAAACCAAGGGGCCGGAAAAAAGGAAGGGG AAAAAAGGAAGGGGAAAAAAGGAAGGAAGGAAAAGGCCAAAAGGGGTTGG CCAAGGGGAACCCCGGAAAAGGCCGGAAAAAAGGCCCCAAGGCCCCGGCC CCGGGGAAGGAAGGAAGGGGGGAAGGGGGGGGGGTTAAGGGGAAGGAAG GAAAAGGGGAAGGAAGGAAGGGGAAAAAAGGGGAAGGAAGGAAGGAAGG GGAAAAGGGGAAGGAAAAAAAAAAGGAAGGAAGGGGGGAACCGGCCGGAA

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 G G G A G G G CAA $\ln A A A A A G G G A A G G G G G G C C G G G G G A A A A A C C A A G G A A G G$ CAAAGGGGGGACAGGGAAGGGGAAAAAACCGACCAGAAAAGGGGAAGGGG AA $\operatorname{G}$ GTAACGGGGGGGGGAGGAGAAAGAAGGCAGAGGAAGGGAAAGGAAC CACGGAGAAGGAAGGAAGGGGAAAAAGGGAACACCGGAACCGGGGCCGGC CAAAAAAAACCGGGGGGAAGAAGCCGAGGGGAGGAGAAAAGAAACAGAGG GCAGAACAGGAGGCCAGGAAAGGAGCAAAGACAGGGGGGAGGGGGCAGG AA $\operatorname{A} G \mathrm{G}$ GAA A GGAGGGGGAAAGGAGGGGGGGCCAAAACCGGGGGGGAGAG ACCGAAGAGGGGGGAGGAGAAGGGGAGACAGAGGAAGGGGGAGGGGGCC GGGGAGAAGGAACCGAGAGAGGGGAGAGGGCAAAGGCCGGAAAAAGGCA CAGCCGGAGGGGGACGGGAGAAGAGAGGGAAGGGAGGGGGGAGGGAGAG GAGAAAGGACAAGGAAGGGGACGAGAAATAGAGGAGGGGAAGAGAGAGA GAAGGGGGGAGGGAAAAAGAAAACCAGAGGAGGGAAGGAGGAGGAGGAA GGGAGGAAAGAAAACCGGGAAAGGGAACGGGAGGGCCAGAGGGGCCAACC AAGGAGCAAAGGCCAGGAGAAGGACCAGGGAGAGAAGACAGGCAGGGAAA AAGACAAAAAGGAAAAGGGGGAAACCGAAAAGGGGAAAAAGACCAAAAAA AAAGGGGGGGGAGGGGCACAAGGGGGGAAAGAAACCGGGGGAAAACAGA GAGCCAAAGAATTCCAAAAAGAGGAGGCAAGACAGCAGGGGGAGAAGAAA AGGATAGGAGGGAGGGGGGAGAAAAAAGGAGAAGAGGAGGGAAAGGGAA CACCGAGGGGGAAGAGAGGGGGGGGAGAGGAAAACCACGGGAAAGGAGA GAGGGGACAAAAGAGAGAGGGCCCCGGGAGGAGAAGAAAGGAAAGCCGAG GCCCCCAACAAGGCAGGGAAGCCCCAGAAAAGAGAGAGGGGAAGGAGGGA AGGAACCGGCCACAAGGGGGGGAGAGGGAGGAGAGGGGAAGGAAAGGAA AAGGAAAAGAAGCAGGAACAAAGGAGCCAGAAGGAAAAGGAGAAAAAACC AAAAAGAAGGAGGGAAAAACCCGGTTTTAGAAAAAGAGGAAGGCAGGAGG GGAAAACCGGAAGGCCGGGAAACCGAGGGGAAGGAAAAAACCGGGACCAA AAAAAAGAGGGGAAAAAGAGAAAGAGGGAAGAAGGGCCCCGAAAGAAAGA AGCAGACGCAGAGAGGGGAAAGGGGGAGAACCGGAAGAAAAGGGGAGACC AAAGAGCCCATAAAGGGGGGCCAAAGAGAAGGAGGGAAGAAGTAGGGGAA GGGAAAAAGGGAGGGAAGAAGGAAGGGGGGGGAGGGACGGGGAAAGAGA AAAAAGAAACCGGGGGAGGAAGGAACCCCAAAAGGGAAAAGAGGGGGAGG GAAAAAAAGAACCAAAGGGAAACAGAGGGCAAAAGAAAAAAAGAACAGAA A G G G G G G G GAGAGAAGAGGAGAAAAGAGAAGAAGGCCGAGAAGGACCGA ACAAAAGAAGAGAAGGGGGGAAGGGGACAGAGAAAGAAGGAGAGGGGAG AAAGGGGGGAGGGGAAAAAGGAAAAAGAGAGCCGGAAGGAGGGGAAGAT AACCAGGGAAGAGGACGGGGAAAAGAAAAAGGGAGGGGGGGAGAGGGGG G G A ACGGCCGAAGGAAGGGAACCGAGGCAGAAAAGAGCCAAAAGGAGGGG AGAAAAGAGAAGGAGAGACGGAAAAAGGAAAAGAGGGGAGGAAGGGAGGA GGGAAGGAACAGAGGAAGGGGAGAGAGGAGGAAGAACACGAGAACAGAAA GCCACGGAAAAAACCAAGGGAGAGAAGGGGGCCAAAAGGGGAGAAGGCCA AAAAAAACCGGAAAAGGCCGGGGGAAAAAACGGGGAAGGCCGGAAGGGGC AAAAAGGAGAAAAGGAAGGGGAAGGAGGGAGCAGGAAGGGAGGGGGGGA GGAAAAAGGGGAGGAAAAGGATAAAAAAAGCCGGGGGGAAAAGGGAAAAA GGGGGAAACCGAGGAGGGAAGACAGGGGAACAGGATAGGGGAGGAGACG GCACCAAGGCCGGACAAAAGGGAAGGGAAGAAGGGGGCAAAAAGAGGGGA AAAGAAAGAGGGGACGGAACAGGGAAGAGAACAGAAGGGAAAATTGGAAG GGGAGAAAAAGAAAAAGAAAACAGGGGCCAAGGGGGGGGCAGGGGGACA GAAAAAGGGGAAGAAGCAAGGGGGGGAAGGAAAACAAAAACCAAGGAGAA GAAAGCGGAAGGGGAAAAAGGAGGGGCCAAGGAGAGAGAAGAAACAGGAA GAGGAAGAAAAGCCGGGAAAGGGGAACCCCGGGGGGAAGGAGGGAAAGG GAAACAAGGGAAGCCGAACGGCCGGGGAAAAAGGACCGAAAGGGGAGATG ACCAAGGCAAAAACCGGAAGGAGGGAAAAAGAGAAAAAGGGGAAGGAAGG AAAAACCAAAAGGAAGGAAAGGGAGGGCAAAGAAGAACCGGAAAACCGGG GGGCCCCGGAAGGGGACAGGGAAGGAAGGGGGAAGGAAAAACCGGCCGG GAACGGGGAGCAAAGGGGAAGAAGAAAGAGGGAAATAAAAGAAGCCGAGG GGGCGGGGGGACGGCCGGGGGGGGAACCGGAAAAAGGGAGAAAAGGGGA AAAGAGCAGGAAAAGGGAAGGGAGGAGGAAAAAAAGGAACCGAGGAAAAA

A G G G G G G GAAAAAGGAGGGGAAGGGCCGGGGAAAAGGAAAAAAGGAAAC A GCAGAAAAAAAAAAAAGGGCCGAGGGGAAAACCGAGGGAAAAGACGCAG AAAACCGGGGAACCGAAAAAGGGCCAGGAAGGACCCGGAGAGAGGGAGAC AA $\operatorname{G}$ GGAGAGGAACAAGAAGGAGAGGGGAAAGGCCGAAGGGACCAAACCGG GAAAGGAAAAAGCCGGAGGGCCCAAGCCGGGAAAAGAGGAAAGGACAGGA AAACCAGGGGAAAGAGGAGCCAGGGACCACGACCGGAAGAAAGGGGAGAA GGGGAAAGGGGAAACCGAGGGGAGAAAGCCGAGAGAGGGGAAAAGGGGA AA GCAAAGGGAGAGACCAAGGAACCGGAAAAAAGGGAGAGGGGACGGAGA G G C G G G G G G GAA $\operatorname{l}$ GGGAATGGGAAGGGGGAGAACACGAGGGAAGAGGGG GAACAGAGGGGGGGCCCACCAAGGAAAAGAAGAAGGGGGGAGAAGGGAAA GAAGGGAAAAAGAGGGAAGGTTAAGGCCAAGAGGAGGGGAGAAAAGCAGG GGCCAAGAGAAGAAAGGGGAAAAAGGAAAAGGAGAAGAGGAAGGGAAGAA GAAAAAAACCCCGGGGAGAGAAAACCCCAAAGCCAAGGTTAAGAGAGAGA ACGGGAAGAAAAAAAAAGGACAAAGGGGGGAAAGAGCAAGAGACAGGGAC CAGAAAAAAGGGAACCAGAAGGAAAAAAGGGGAGAGGGGGAGCACCAAGA AAAGAAGGAAGAGACAGGAGGGGAGGGAAGGGGGGGGAAAAGCAGGGAG GAACACCGGACGGGGAAGAGAGAGAAAAAGGCAAGACCAGAGGAAGAAGG A G G G G G GCCAGCAAAACGGGGGGAAAAGGGGCCGGGGGAAGGGAAGGAG G G G G A G A CA $\operatorname{l}$ GGGGGAGGAGCGCAAGAGAAAAAAGGGAGGGGGAGGAGA GAAACAAAAGAAAGAGGGGGGCCAACGGGGGGGGGGGGGGGGGCAAAAA AGGAGGCCAAGGAAGGGAAGAAGACAAAAAGGGGAAGGCCACAAAAAAGG GGAACCAAACAGAGGAAGGAAAGAGGAAGGGAAAAAGACCAAAAGGAAGA A G G G G GAGAGGGAAAAGGGAGAAGCAAGAGGGGGGGAGCAAGAATTAAG AAAACAGAGGGAAGGAAGGGGGACCAAGAAGAAGGAGGGAGGGCCGGAA G GAGAAAAAAAGAAGGAAAAGGGGGGCAGGGGCCAGGGAAAAGGCCAAAA AA $\operatorname{l}$ GAAGGAGGAGGGGACGGGGACGAAAAAGGGAGGGGGAACGAGGGGG ACAAGGGGGAAGAAAAG
$22029000-9$ GGGGAACCGGAGGGGGAAGGGGAAAAAAGGAGAAAAGGGAGC CCCCAAGGGGGGCAGGAAGGAAGGCCAAAAGGAACCAAAAGGGGAAAAGG GACCGGAGGAGGCCAGGGCCGGGGAAGGACGAGGAAGGGGAAGGAAGGG GGGCCGGAAAAGGGGGGAAAAAAGAGAGGAAGGACAGAGCCGGGGAAAA GAAAGGAAAAAACCGACCGGCCAAGGAAAAGGAAGAGAGGGGGGACAGCC G G GA $\operatorname{l}$ GAAAAGGGGGGGGGGGGGGGAAAGGGGGCGAATAGAAGGAAGGA AAAAAAACCAGGAAAGAGGCACCAGGGGGCAGGCCGGAAAAGAAAGAAGA GAAAAAGGAAGAAGGCAAGCCGGGGGGAGGGCCGGGGAAACGGGGAAAA AAAAAAAGAGCCGAGGAGGAAAGGAAGGGAACAGCACCACGGGGAAGGGG AAGGCAAAAGTTAAAAAAAGGGGAAGAAACAAGGAAAAAAAATTCCGGGG CCGGGGCAAAAGCAGGAAAAGAGAAAAAGAGAAAGGGGAAAACCGGAAAA AGAAAGAAAGGAAGGGCAAAGGGGACGGGGGGAAAAACGGAAAAAACCGA AAAAACGGCAGGGAGGCAAGAAAAAAGGGGGGGGGGAAGAGGGAAACCGA GAAGGGGGGGACGGGAGGAAAAAAAGGGAGGACAAGGAGAAGAGAGGAC CCAAGCAGAGAAGGAAAAAGAAGAGAGAACCGCGGGGGGAGAGAAGGAGG GCAAGAAGAAAAAGGGAAAGGAAGGAGCCGAGGAAAAGGCCGGATGGAGG AAAAGAAGAACGAGAAAAAGGGGGGAAAAAAGGCCAAAAGGAAGGGGGGG AGGGAAAACCCGGAGAAAGGAACAGAGAAGGAGCCAACCAAGGCCGGAAC AAAGGAAAAGGAAACGGGGAAAAAAAAAAGGAAAGGAAAGGGGCGAAAAG GAGAAGGAAGGGGAGAAAACCAAGGAAAAGAGGGGCCCAAAGGAACCGAA AAACCAGAAGGAACCGAGAAAGGGGGAAGAGAAACAGGGAAGGAAGGAAA AAAACAAGGAAAAAAAAGAAAGGGGCAAAACGGGGCAGAAAGAAAAGAAG G G G G G AAAACCGGGAAAGGGGCCGGAAAACCAAAGAAAAAAAAAGGGAAC C G G G GAAAACCAGACAGAGGAGGAAGGGGAAAGGGAGAGAAGGGGAACC GGAACCCAAGAGGAGAAGAAAAAAAACCGCCACAAAAAAGGAGGGAAGGA CCAAGAACAGAGGGGGCCAAAAGGAAAACCGAGGGGGGGGAAAAGGAAAA A GAGGGAAAGGGGGAAAACCAAGAAAGGGAAGGGAGGAAAGGACGAAGAG CAAAAACAGAAAGGGGAAAAACGGAGGGCCAAGGAAAAAAAAGGAAAAAG AGTAAAGGAAGGGGGGAATTGGCAAAGGGAAAAAAAGGGGAAAACAGAGA GGGGAAA GCAGAAGAAGGGGGGAAGAAAGAGGGGACAAAGGGGGAAGAA ACCGGGGAAGAACGGGGGGAACGAGCCAGCCAAGGGGCCGGGGAAGGAA GGCCGGCCAAAAAAACACAGCAAAAAGGGGGAGGAAAAGGAAAGAGGGAA CAAGAGAGGGTTAAGGGGGGAAAAGGAAGGGAAAAGAAGACCAAGGAATT GAGGGGAAGGGGGGAAGGAGGGAGCAGGAGGAGGGGAGAGGGAGAAGGA

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 CAGAAACGAGACCAAGGACACGGGGAAACAAGGAGGGAAGGGCAGGGAAG GAAAAGGAAGGAGGGGCAGGGGGAAGGGGGACCAAGGAGCCGGGGGGCA AAAAAAAGAGACGAAGGGAATAAACCAGAACAGGCAGGAAAAAAGGAAGG AAAAAACCAAGAAAGGAAGGGGGAAACCACCCAAAAAAGGAAGAGGAAAG GGAAAAGGAGGGAAGAACAACCAAAGACGGGAAACCAGAAAACAGGGGAA AAGGAAAAGAAAGGAAGGCCGGAACCAGGGAAAACCGGGGAGCCAGAAGA CCAAGAAAAAGAGGAGAGAGAAAGGAGAGGAAGGGAAAAGATCCAAAAGG GGAAAACCAAAAGGAAGGAAGGAGAAAAAAAGAAAAAGCCGGAAGAGGAA GAGAGGAAAAAGACGGGGGGTTAAAAAAGGACAGAAGGAACCCAAGAGAA AATAGGGAGAACAAAAGGCCAGAGGAAAAACCAAAAAAAAGGAAAAAAGG G G CCGGGGGGGGCCGGAAAAAAAAGGAGGGGGGGGAGAAAAAGGAAGGG G G GAAAAGAGGGGGAGGCCAAAACCAAACAAAACCGGCCAAGGAAAAGAG G G G GAGAGGGACCACAAGGAAGGAGGGCAAAGGGAGAGAGGGGGGGATT AGAACCGGGGGGGAACGGGGAAGGGGCCAAGGAAAAAAAAGAACAGGGG GAAGAAGAGCCGGGGGACAAGGAACAAGGAAAGGGGAAGGGAGGGAAAAA AA GCAAAGGGGGGAAAGGGAACACCAAAAGGCCGACAAACCAATAAAAAC CGGGAAAGGCCGACAAGCCAACCGGAAAGGGGGAGGGGAACGACACAGAG AATAGAGCAGAGGGGAGAAGAAAAAGAGGAAAAGGGAGAGAGACCAGGGA GCAATAGGGAAGGAGCCAAACACAGAGACGGAAAGTAGGGGGAAAAGGGG GGGGGGGAAAAGGGGGGGGAAGGAAAAGGAAGGGGGGCCAAGGAAGGAA AAGGAAGGGGAAAAGGAAAAGGAAAAGGGGAAAAAAAAAACCAAGGAACC
 GAACCGGGGGGAAAAGGGGAAAAAAAAAAGGGGGGAAAAAAAAGGTTAAG GGGAAAAGGGGGGGGAAGGGGAACCAACCGGGGGGGGCCCCGGGGGGAA GGAACCGGAAGGGGAAGGGGCCAAGGGGAAGGGGAAAAAAAAAAGGGGG GAAGGGGGGAAGGAACCAAAAAAAAAAGGGGAAGGGGAAGGAAAAAAGGG GAAGGGGAAAAAAGGAAAAAAGGAAAATTAAGGAAGGAAGGGGCCGGGGC CAAGGGGTTGGAAAAGGGGAAAAAACCAAAAGGAAGGGGAAAAAAGGGGA ACCGGGGGGAAGGAAGGGGAAGGGGAACCAACCAAAAAAAAAACCCCCCG GAAGGGGAAGGGGTTAAAAAAAAGGGGCCGGGGAAGGAAGGAACCAAGG G G G G G G AACCGGAAAAGGAAAAAAAAAAGGAAAAAAAAAAGGAACCAAGG AA G G AAAAAAAAAAAAGGGGAAGGGGGGCCGGAAAACCAAGGCCGGGGGG AACCAAGGAAGGAAGGGGGGCCGGAAGGGGAAAAGGAAAAAAGGAAAACC G G G GAA G GAAAAGGAACCGGCCCCAAAAGGGGGGAACCAAAAAAGGCCAA GGAAAACCAAAAGGAAAAGGAAGGGGGGCCGGGGGGAAGGGGAAAAAATT GGGGCCAAGGAAAAGGAAAAGGGGAAAAAAGGGGAAAAGGAAAAGGAAGG AACCGGGGGGAAGGAAAAAAAAAAGGAAGGAAAAAACCAAAAAAGGGGGG CCGGAAGGGGGGGGGGGGGGGGGGAAAAGAGACCAGAGGAGAGAGAGGG GGGAAAAAGAAGGAAGGCCAAGGGGCACAAAAGGGGGAAGGAAAGAGGGA ACAGGGGGGCCGGAAGGAAGGAGGAAGGGGGGGCAGAGAGAACGGAAAA A GCAAGACAGGGAAGAAGTTGGGGGGGGAAGGCCGGGGAAAAAGACGGA AAACCCCGGAACCGGGGAAAAGGGGAAGGAAAAAAAAGGGGCAAGGGGGG G G G G G CCAA GAGAGAGAAAGGAAAACAAAGGGAGGAGAAAAGGGGGGGG AAAAAAAGCCGAAACCATAGAGCAGAGAAAGGGCGGCCAAAAGGCCAAAA CCGAGGCCGGGGAGGAACGGAAGGAAAGAAAAAAAAACGAGGCCCAGGGA G G G GCCGGGGGGAGGGGGGGGAAAGGCCAAGGGGGGAGGAAGCCAAAGC ACACGAGGGGGCCAAAAAAAGAGCAAAAAGAGAAAACAGGGGAAGGGGGA CGGAAAGGAAGCACCGGGGGGAAGGAAAAAGAGGGGGGGAAAACCGAGG AGGACAGAGGCAAACAGGAAAAGGAAAAAAAAAGAGAGAAGGCCAAAAAA AAAAAGAGAAGGCCGGCAAACCAAAGGAAAAGAAAGAGAGAATTGGGGCA AACCGAACGGGAAAGAGAGATTCAAAGGCCGGAAAAGAAGAAAAGAGACC AAGGAAGGGGAGAGGGGGCCACGGCCGGAAAAGAAAGAGACCAACCAAAA AA G G G GCCACGGAGAAGGGAACAGAGGAAGGGAAAACCGAGGAAGGAAGA G G G G G GAAAAGGAAAAGGGGGGGGGGGGAGAGCCAGACGGGGGGGGGGA

AGGAAAAGGAAAACCGAGAAGAGGGCCAAAGAGCCAGAGAGGGAAGGCAG GAAAAAGAAGAGCGGAAAGAGAGACAAAGAGAAGGAAAACCCCAAAAAAG GAA $\operatorname{A}$ GGGGGGGGAGGGGGGCCGGGGAGAAAAGGAAACGGGGCCGGGGAA AAAAGGGGACGGGAGGGGGGCAGGGAGGAAGGGGAAGGCAAAGAAAGGC CGGAACCAGGGAAAGGACACCAACCAAGGAAAAGAAAGGGGAGGGGGGGG GAGGAAAGAAACCACGGGGGGCCGGCCAGGGCCGGAAAAAAGAACGAGGG AGGAGGAGGAAAAAAGGAAAGGAAAGAGGAAAGCGAAGAGGGGAATATAG GAAAGGAAATTCATACAGAAGCAGAAGGGAGCAGAAAGGAAACAGAGAGG ACAAGAACGAAAAGGAGCCATAACCAAAACCAAGGAGGAGGGGGGGGGGG GGGAACAAGAGGAGAAGAAAGGAGGGGGGCCGGAAACGAAGGGGAGAAG AGAGAAAGAGAGGAAAGAGGCCGGGAGAAAAAAAAAAGGAAACCGGCCCA AAGAAAAACCGCCCAGGGGAGGAAAAAAACAGAAGACCAAAAGAGAGGGA AGGAAGAGGGAACAGGCCAGCAGGAGGGAGAGGGAGAGAAGGAAAGAAAA GGGGAGCGGAAGGGAGAGGGGGGAGAGGCCGCGAAGAAAGGGCAAAAGA AAAAAAAAAAAAAGAGAAAGGGGGAAGGGAGGACAAAAGAAGGAAAAAAG ACAGAGGAAAAAGGGAGAGGAAGGGAGAAAAAAGGGATTAGCAGACGAGG AGAAACAGAGGAAGGAGACAAAAGAAGAACCAAGGAGGAAGACGGCCAAA GAAGGAAGAGGAGAACCAAGGGGGGAGGGGAAACCGAGGGAGGGAAGAA G G A G G G A A G G G G G A A A C CA G G GAAAAGGGGAAAAGGGAGGGGAAAAAA AACGGACGAAAGGACGGAAAAAGGGAGAAAAGGAGGGAAAAAGAAGGGGG G G A A G G G GAGGCCGAAGAGAAAGAGGGGGGAGGAGGGAAAAAAGGGGAG G G G ACA GAGGCCGAGGGGGGGGTTGAGGCCAAAAAAGGGGAAGGCCAAG GAAGGAAAAGGGGAAAAGGAAAAAAAAAAAAAAAAAAGGAAAACCGGGGA ACCGGGGGGGGGGAAAAAAGGAAGGGGGGGAGGCCCCAAAACCCCGGGG G G G G G G G A G G A A A G GAAAAAAAAGAAAGACGGCCACAGGACCGGGGCCAC GGGGGGTAAACCAAAGAAGGAAGGAAAAGGAGAAAGGGGGAACAGAGGAG AGGGAGAAAGACCAGGGGAGAAAGCCGAGGGAGGCCGGAAAGGGACGGA AGAACGAAGAAAACCGGCCAAACAAACAGAATTAAGGACGAGAAAAAAGA GCGGGGGAAGGAGATAAACGGAGAGGGGGGGAGGGGGAGAAGAGGATAA AGGGAAGAAGAGGGGGGGAAAAGGCAAAGAGGAGAAAACCGAGGAAGAAA GAAGACAGCAGAAAGAGAGGGAGGAAAAGAAAAGGGGAGGGGCCAAGGG GAGAGCAAGACAGACAGAAGGGGAAGAGAGGAGGGGGAAGGTTGGAAGG AAAAAAAGAAAAGGTTGGAAAAGGGGAAATAGCCAGCCGAAGGGAACCGG AGAGATACAGCACAAAAAAAAAGGAGAAGGGAAAAAGGAGAAAAAAAAGA AA $\operatorname{H} G \mathrm{G}$ GAAAGGGGGCCAGAGGGAAAGGGGGGGGGAAAAAACCGAGAGGG GAAAGGCAGAAAGGGAAGGGGAAGGAGAAAAAAGGTTAAAAAAGGAAGGG AGGACGAGGCCCCGGAAAAAAAGAGGAGGGACCGGAAAGAGACAAGGAAA C G G G GA GAGAAAACCGGAAGGGGAAAAGGAGACCCGGGGCCAAAGGGGAA AAAGGCAGGAACCACAAGGAAGGGGCCAGGGAGGGAGAAGGGGCCAAAAG G G G G A A A G GAAGGAGAACCAACCGGAAAAGGAAGAGGAAAAAAAAACCCA GAAGAGAAAGGGGGGAAGAGAGGAAGGGAAAAAGGGAAACAAAGGAAGGC CCCGGAGAGAAGGAGAGGGGGAGAACCAAGGAGGGAGGAGGGGAGGGAG AGGGGGGGAGGGGGCCAGCCAAAAGGAAGAGGAAGAGGAAGGAGAGAGA CAAGGAAGGCCAAGGAGACAGGAGAGGAAGGAGACAGAAGGCCAGGGCCG GAAGGGAAGGGGAGAAAAAAGGGAACCGAAAAAAAAAACGAGGCCGGACG AAAGGGGGAGAGAAAAGACAGGGAAGAGAGGGGGGGGAACCAACAAAGAA GGGGAGGGGACTAGAGAGGGGGAAAAGGACAGGAAGGGGAAGGAAAAAA CAAACCAAGAAAGGAAGGAAAAGACCCCCCGAAGGGGGGGAACCAGAAAG AAGGGGAAACACAAAAAAGGCAGAAGAAAAGGGAAAAAGGCCAAAGAACG ACAAGGGGAGAGCAAAAGAGGAAGGAGAGAATGGAGAGAAAAAAAAGGAG AA $\operatorname{GGGGAGAACCAAAGCCAAGGAAAAAAACCCGGCCAAGGAAGGAAGGGG}$ AAAAGGGAGGAGAGGGGAAAGAACAGAAAGAAGGGGAAAAAAGGCCAAAA GGAAAAGAAGCCAACCAGCGAGGGCACAAGAGAGGAAACAGGAGTAAAAA GAAAATTACCAACCGGCCAAGGAGAGTACCAGGAAAGAGAGGGGGGCGAG AGAAAGGGAAACTTGAAAGAGGAAGAGAGGTAAGAACAAGGGAAGACCAA AGGAAGGGAGACGGAAGGGGAGAGCCGGGAGGAAAAGGAAAGGAAGGAG A G GAA G G G G CAA G GAGGAGAAAACAAGAGAAGAGGGGGAGGGGGAGAAA GAGGAAAGAAGGAAAGGAGAAAAGGGGGCCAACCAAGGGGCCGGGGAAAA GGGGAAGGAAAAAAAAAAGGAAAAGGGGAAGGAAGGCCAAGGCCGGAAGG AAAAGGGGGGGGAAAAAACCGGAAAAAAGGGGGGAAGGAAGGGGGGGGA AAAAAGGGGGGAACCAAGGGGAAGGCCGGGGAAAAGGCCGGAAAAGGCCC

CGGGGGGAAGGAAGGGGAAAGAAGGAAAGAAAGAGGGGGGGGGGGAAGG AA $\operatorname{l}$ G G G GAGGAGAGCCGGCCAAAAGGAGAACACCAGGGGGGGAAAAAAAC A G G A A G G G GAGGAAAGGGGGGGGGGGAAGGGGAGGAGAGGAAAACCGGG GAACAGAGAGGGGGCGGGGAAAAGGAAGGCCAAAAGAAAAAAAAGGGAGA CAAAACAAAGACCCAAGGAAAAAGGGGGGAGAGGGGAGAACCCGGAGAAG GAGAAGAGAGGGGAACCAGAAGACGCAAGAAGGAAAGAGAACACAGGAAA AGGAAAACAGGAAAAAAAAAAGGGGAAAAGGGGGGAGAGAAACGAGAAAA AGGGGCCGGAAGGAAGGGGAAGGCCCCTTAAGGAACCGAGGAAGGCAGAA G GAAAAAGGAGGATAAAGAAGGGGGGGCCAAGGAGGGAGGGAAAAGACAA AAAGGAAAAAAAAATCCACGGGGAAAAACCCAGCCGGGGGGAAACGGAAG AGAAGAGCACGAAGGGGGACCCCGGAAAAGGAAGAAGAAGGAGAGGAGGG GGGAGAGGGAGGGAAGGGGAAAAGGAGGGCAAGGGACAGAGAGGGAGCC GAAGAAGGAAGAGAGGGGGGAAGGGCTTCCAGGAGGAAAGCAAACCACAG AGGGGAGGGGCCAACCAAGGAGGGGGGGGGTAGGAAGGGGAAAAAAGGG GAAGGGGCAAAGGGGGGAAGGTTAAAAAAGAAAAGAAAAGGCAGAGAGGA AGGAAGGGGCCAGGGGAGAGGCCAAGAAGAAAGAACCGGACGAAAGGCCA AACGGGGAAAGGGCCGAAGGAGGGGGGGACCGGGGGGGAGGAGCAAAGG G GAA $\operatorname{A}$ GAAGACCGGAGAAAAGGGGAAGAGGAAGGGGGGGAGGCCAGGGA AAAAAGGGAAGGGGGGGGGGGAAGGAGGGGGGGGGAAATCAGGAAACGG AAAGACAAAAAAAGAAGGGGGGAGGGAAAAAGCCAGAAGGAAAAGGAAGG AAAAAACCAAGGAAAAAAGGAAGGAAGGCCGGAAGGGGCCGGCCGGAAGG A GA GAAAAAGAAGGTACAAAAACCGGAGAGGGGGCCAAAGAGGGGAGGAG
 AAGAGGGAAAAGGAAAAAGCGGACAGAGGGAAGAAAAGGCACGAGGAATA CAAAAGGAAAAAAGGGGAGGGGGGGAGAGGGAAGAGGGGCCAAAAAAGG G G AAA G G G GCCAAAAAGGGGAGAAAGGGAGAAAAGGCAAAGAAAAGGAAA GGGAAAGGAGGGAAGAAAGGCCGAGAAGCATTACAACCGAAAAAGGGGAA AAGGAAAGAAACGATTAAGGGGAAGAGAGAGGACGGGGGAAGAAGGGAG GAAAAGGAAGGGGGGGAAAAAGAGGAGGAGGGGAAAAAACAGGGGGGAG GAGAAAAGACGAAGGGGATAAAGGAAGAGAAGACGGAGAAGGAAAAGGGG GGAGAGGGGGCAAGGGCGGAGGAGAGGGAAAAAGGGAAAGAGAAGGCCG GGGGAAGACGAGCAGGGAGAGGGGGAGGAGGGGAAAAAAAAGGGGAAAA AAAAGGAAGGGGGGGGGGAAGGGGAAAAGGAGAGAGAACCGGAGGGGGA A G G GA GAAAGGCAAACCGGGAAACCGGAAGGGGGGAAGAGGGGGGAAGA G G G G G GAA G GCCACACGAGAGAAAAAACGAAGGGAACCGGGAGGAAAAGG GGAGGAAAAGACAACAGGGGCCAAAAGGGGAAGGGGAAAAGGAAAAGGAG G GCGCCAAAAAAGGAAGGCCAAAAGACAGGGGGAAGGGCCGGAGAAGGGG G G G G G G G G G G G G G G A A G G G G G G G GCCGGGGAA G G G G G G G G G G G G G GAA GAGGAGAGGAAGAAAGAAAAAGATAAAAAGGGAGGGGAAAAAAGGGAGGG GAGGCCGACCCCAAGAAGGGGGAACCGGAGAAAAGGGGGGGAACGGGGA AA $\operatorname{l}$ AAAA $A$ AGAGGAGGGGGCCGGCAAAGGGAGAGGGAAGGAGGGGCCAG AAAGAAGGAAAAAAAAAAGGCCGGAAGGAAAAGGAAGGGGAACCAACAAG CCGGAAGGGGAGGGGGCACCGAGAAACCAGAGAGAGGGGATAAAAAAGGG GGGGAAGGGGGGAAGGAAGGAGAGGGGGAGAAAAAAAAAAACAGAAGAA GAGGGGAACGGAAGAGAAAGAGGGAAGCCAGAGAGAGGGGAAAGAAGCAA AGAGAAGCAGAACCCAGAGAGGAGAGGCCAAGGCCCCAAGGGGAAGAAGA GCAGGAAAGGAAGAGAGGGGGAAGGAAAAAGAAAACATTGAGGAAAAGGT TAAGGGGCCAAGGGGCCGGGGAAAAGGAAGGGGGGGGGAGAGAAGGAAA AGGAAAACGGAGGGAAGGAAAAGGGAAAAGAAGGAAAGAAGGAAGGAAAA CCAAACGGGACCGAAGAGAGGGGGCCAAAAAAAAAAAGAGACAGGGGGAA G GAA G GAAAAGGAAGGAAGGGGGGGGGGAAGGTTCCGGGGGGAGGGGGA AAAAAGAAAGGGGGGGAAGAGAGGAGGAAGGCCGGCCGAGGAAGGGAGG GGGGAGCCTAAAGGATGGAAAAGGAGAAAGGAAAGACCGGAAGGAAGAAA G G G G G GAACCCCAAGGGAAAGGAAAAGGAACAAGGAGGGACACCAAGGGA CAAAGAAAAGAAGCAGGGAAAAGAGAAGGGGGAGGAGATAGGCCGGAAGA AGGGGAGGAGGAGGAAAGCCACGAATGGAAAGAAGGGGGAAAAAAAAAGG AACCGGGGAAGGAATAGGCCGAGGAAAAGACCACAAAAAAGGGGGGGGAA G G G G G A G G G G A A A GAAAAAAGGAGAAAAGGAACCGGGGGGAGGGGGGAA AGGAAAAAAGGGGCCAAGGGGAAAAGGAAGGCCAAGGAAAAGGAAGGCCG GAAAGGGGAAAGAAGGAAGAAGAGGGAGGCCGAAAGGACAGGGGAACGG


GGAAGAGAGAGGAAAAGAAGGAGGGCAAGGGGAAAGGAAGGACAAGAAAC CGGAAAAAAGAGGAAGGAAAAGGGGAACAAAAAAAGGGAGAACATACAAG GGGAAAAGAGAAAAAGAGGGAGGGGCCGGAGCAACAAAAGGGAAAGGGAA GGGAAGGGAGAGGGGCAGAGGGGGGAAAACCAGAAGGCCAAAAAAGGAA G G G GAAGGAAGGGAAAAACCAAAGAAAAAACAGAAGGGGAAACCGGGGGA CCGAAAGAGGAGGAGGGGCCGGGGAAAAGGGGAAAGAAGGAAGGAGGGG G G G GAAA $\operatorname{la} A A A A G G C C G G A A A G G G A G G G G A A A C C G G A A G A G A A A A G A A G$ GAAGGGGGGGAAGAGGGAGGGAAAAAATTAAGGAAAAAAAAGGGGGAGG
 GGAAAGGAAGGGGGATAACAAAAGAGGAAGGAACCCCAAACGAGGGGGAG AGGCAAGGGGAAGAGAGGGAAGGAAGAAGGGGAGGAAAAAAGGAAGGGG GGAACCGGAAAAGGAAAAGGGGCCGAAACCGGAGGGCCAGAAGGAAGGGG AAAAAAGGCCGGGGAAGAGGAGACCACACAAAAAAGAGAAAAACAAACAA GGAGCCGACCGGGGCAGGAAAGGGGAGGGGCCCCCAGGCAAAGGAAGGG A G GAGGGAGAAGGGGGGGGGAAGGAAAGAACAAGGGAGGGGGGCCAGGG GGGGCCAAGGAAAAGAAGAAGGGGAGAAAAGGGGAGCCAAGGAAAGAGG GAGAAGGAGCAAACAGGAAAAGGGGAAAGAAAGGAGAAGAGGAAAAAGAG AGAGAGATTGGAGCAACACGGGGAAAAGAAAAAGGGAAAGGAGAAAAGGC CAGAAAGGAAAAGGAGAAACCAAAAAAAGGGAAAGGAAAGGGGGGAGAAA A G G G G G AAAAAAACCGGGACAGAAGGAAGAGGGGAGAGGGGAGGGGGAC AAAGACGAAAAAAAGAAGGGCCGGAGACGGGACAGAGAGGGGAAGGTTCC CCCCGAAACCAAAAAGAGAAAAGGAACCCCAAAGAAGGAAAATTGGAGAG AAAGAAAAAAAAGGAACCAAGGAAAAAGAAAAGAAAAACAGGGACAAGGG GAGGAGGAAAACAGGGGAAAGGAGAAAAAAAAAAAAAAGGGGAAAAAAAA G G G G G GAAGGAAAAAAGAAACCCACAAGCAGGAAAGGAGAACAAGGGAAG GCGGAAAGGGGGGGGGAAAAGGAAAGAACCAAGACCAAAAGAACGGAAAA CCAACCGAAGCCAAGAGGGAAGGAGAACGGAGAGAAACAAAAGATAGAAG AAAGAGAAGAAGGGACGGAACAAAAAGGAGGACCAGAAGGCCGAGGGGAG TTAGAGGAAGAACCGGGGAAAGAAAGAAAGAGAAGGGGCCGGGGGGCCAA AGAAAAGAAAAAGAGAAACACACAAAGGGGAAGGAGAGCAGGAGGAAAAA AAGAAGGGCAAAGAGGACGAAGCCAGAGAACCCAGGGAGAAAAAGGAGAA AAAAAAGGGGAAGAGAGGGGCCGAAAAGAACAAGAGGAGAAGAGGGGAAA AGAGAAAAAAGGAACAGAGAAGCAAAGGCCAAAAGGGGGGCCGGCCAAAA CAAGGGCCCCCAAACAGAAGGGGGTAAGGACCGGAGGAAAACGGGAAGGA AGAGAAAAGAAGGAGGAAAGGAAAAAGGAGAGGAGAAGAGGGTTGAGACC G GAA G G G GAGAAGAGGGAGAGAGGAGAAGGACAAACGGGAGGGGGGCCA AAAAGAGGATTGAGGGAGGAAGACAAAAAAAGAAGGGCAAAGGCCAAGGG G G G AA $\operatorname{G}$ G GAGGGGCCAAAGACGGAAAGAGGATAGGGGAAGGGGAAGAAA AGGGAAAAAATTAAAAAGAGAAGGAGGAGGAAGGGGAAGGCAACGGGGGA CCCCAAAAGAAAAAAAGAACGGGGGAGAGGAAAAAAGGAAAGGAAAGGGA AAAAAAAAAGAAAAAGGGGGAAAAAAGGGGGGCAGAAGAGAGGAAAAGAA A GAGGGAAAGAGAAAAGGCCAAAAAAGGGGAAAAATGGGGGAGGAGAAGG AAAAAAGGAAAAGGGGAAGGGGGAACGGAAAAAAGGACGGGGGGAAAACC ACTTGGAAGGGGAAAATTAAGGGGAAGGGGAAGGCCGGGGGGGGCCGGA AAAGGAAAACCGGAAGGGGAACCGGGGGGCCGGGGAAAAAACCAAGGGGA AGGCCAACCGGCCGGAAAAAAAAAAGGGGAAAAAAGGGGAAAAGGAAAAC AAAGGGGCAGAGGAAAAGGGGGGAGAAGGGAACGGAAAAGGAAGGCCAG AAAGGAAGAAGGAAGGAAAAGGAAGGGAGGAGGAGAGGACCCAGAAGGAA AACCAAAAACGGGAAGGGGGAAGAGGAGCCAAGGAAGAAACGGAGAAACC AA GAAAGAAAAACCCCGGGGCCGGCAAAAAAAGGGGAACCCAGGGGGGAG GGGGAAGAGGAAAAAGAAAGGGAACCGGGGGGAAGGGGGGAAGAAGGGA AAAAAAGAAGGAAACGAGGGGGGGGGGGGAGAAAAAAAAAAGGGGAAAAA AAACCAAGGCCAAAGGGGGAAGGGAAGCAAGGAAAAAGGAACCAGAAAGA G GAACAGGGACAAAAGGAAAAAGCCGGAACCGGGAGGAGAAGGCCAAAAA AAACCAGGAGGGGGGGGGGGGAAAAAAGGAAGGAAAACCAAAAGGGGAAA AGGAAAGAAAACCGAAGGAAGAGAGGGGGAAAAGGGAAACCCCAAACGGA AAGAAGGAAAAGATAAAGGGAGAGAAACCGGAGGAAACCCGAAGACACCG GACAAAAAGGAGGGGGGAAAAAGAGGGAACCCCAACCAGAAAAAGAAAGG GAGCCAGGGAGGACCAAAAGGAGAAGAAAAAAAGGAACCACAGGGAAGAA A G G G GCCGGGGAAGGAGGGCCGGGAGGAACCGGGGGGAGAAAAGGAGGG G G G G G G G GAAGACAAAAAAAGGAAAAGGAAGGGGAAGGAAGGCCCCGGCC

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G GAGAGGGGAGGGGAGGGAAACGAGGGGGGGGGGAAAAAAAAGGAAAGA ACAACAAGGAACCACAGGAAGAAAACCAAAGAAGGGAGAGAGGCCGGACA GAGGAGGACCACCAAGGAAAAGGAAAGACAGGGAGGGACAAAGGGAGGGG AAAAAGGACAGGGGGAAGGACAAACAGGGCCAAAGGGGGAAGGAAAAGGA A GAGAAGGGAGGGGGCCGGAAAAGGGGGAAGGGGACAAAGGGAAAAGAG
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G G G GCCAGACAAAGGGGGGAGAAGAACAAAAAAAAAAGGAAGAGCCAACC AA $\operatorname{A}$ GCCGGAAAAGGGGAGGGGGGGGGAAGGGACCGAGGGAGAGGAGAAA AGGGGAAGGCAAACCAGCCGGCCGGCCAAAGGGAAAAAGGCGAGGAAAAG GGAAAGGGGGAGGCCAAAAAAAAAAAAGGAGACAAAGGAAAAAGGCCAAA C G G G GAGGACAAAGGAGAGGAGGGGGGAAAAGAAGGGAAGAAGAGAAAA G G G GAAAAAAAGGGAAAACCAATTGACCCGATCCGGGGGGACAAAAAAGG AAAAGGAAAACCAAGAGGAAAAGGAGAAAACCAGCAGGTTACAAAAAAAG CCCAGAAACCGGGGGGAAGGGGCCGAGAAGAGACGGAAGGAGAGGAAGAA A GAAAGAGGGCCGGAAGGGAGGCCGAAAAAGGGGCCCCTAGGGAAAGGG GGAGCAAAGAAAAGGGGGGCAAAGGGGAAAAAAGGGGAGGGAGGGGGGA GAAGAGAAAAAAGGGGGGAAGGAGGCAGGGAAAAAAGGAGAAGGGGGGG A G G G G G A GAGGAGAAGGGGGGGGCCGGCCGGAGGGCCACAGGGAGAAGA AAAAAGGGAAGGAAGGGGGAACGAACGGAGAAGAGAACGGACGGGGGGA GAAGGGGCCAGAGCCTTGGGGGAGGCCCCGAGAAGAGTAGAGGGACCAAC AGAAGCCGGGGGGAAGAAAAAGAAAGGGACCGACCCAAAGGAAGGAAAAA AGAAGAAGGAAAAGGAAGGGGAAAAGGAAAAAGGAGAGAAGAGGGGAGG G G GAGAAAAGAGAAGAACGGAGAAGAAAGGGAACGGAAGGGAGAAAAACC AAAAAAGGGGAGGACCGACAAGAGGAGAGAAGCAGGAAAAATAGCCGGGG CCAAGGGAAGGAAGAAATAAGGCAGAAGAACAAGGAAAGGAAAAGGAACC AAAAGGAAAACCACGAGAGAAGAAAGGGAGAAGAGGAAAAGAAAGAGGAA AGACGGAAAAAAGGGGAAGAGGAGAGAGAAGAGGCCGGAGGGGGAAAAAA AAAAAAACGGGAGGGGGGGGAGAGAGAAGGAAAAAAAAAAGGAAAAGGGG AAAAGGGGGGGGAATTAAAAAAGGCCAAGGGGAAGGAAAAAAGGGGCCGG G G G G G GAA $A$ AAGAGAAAAGGAAGGGAAAGGCACCCCAAAGACCCAAAGAA GAAGAAAACCGAGGCAAGCCGGAAAAGGAAAAGGCCGGGGGGGGAAGGAA A GAGGGAACCAAACGGCCGGCGGGGGAAAGGGAAAAGAAGGAGGGGGGA ACCGGAAGGGGGAAGGGAGGGAAAAGGAAGAAGGAGGACCAGAGAAGGA GGCAGAAAGGAGAAGGGGAGAAAAAGCAACGGGGGGGGCCGGAAGGAGG AAGAACCGGGGGGGAGGAAAGCAAGCAGGAAGGAGAGGGAACCGGAAAG GAAGGAAAGGAAAAGGGACCGGCCAGAGAGAGACAGGGCCGGGGGAGACC AGAGAAAAAGAAGAAGAAGAGGAGGAGACCGGGGGGAAAAAAGAACAGGG AGAAAGGGGGCCAAAACCGAGGAAGAGAAAACCCAGAAAGGGACCCGGCA ACCAACAAGGGGGGGGAAAGAAACGAGAGAGGAAAGGGAGCCAGACGGGG G GCCAGAAAGGGAGGGAGGGAAGGAAAATTAGGACGCAAAAGAGGGGAGA A GCCAGGGGACGCACCAAGGGAAGGGGGCCGGAAGGGGGGGAGGGGAGG
 GAGACCAAGGTAGAAAAGAAGAGAAGGGAAAAAAGGCCGAAGAAGAAGAG G GAGAGGGGAGACCAAGAGGAGAGGAGGACCCGGAGAAGGAAAAAGCGG AGAGGAAAGGGAGGGGGAAAGAAGGAAGACAGGCCCCGACCACGGGGGG G G G GAA $\operatorname{l}$ G G G GAAAGGGGACGGGGAAGGCCCCAGAAAAAAACAAAAGGAA AAAGAAGGGGGGAAAAGGAGGAACGGAAAGAGGAAGGGAGAGGGAACCG GAAGAAAAAGGGGAAAAGGAAAAGGAAAAGGAGGGGAGGGGGACCAAGGC CGGGGAAAACCAAAGAAGGAGAAGGAAGGAAAAGGGAAAAGCCCAGAGGA AGGAAAAAAAAGGAAGGGAGAAGGGAGGGGGGAGGCAGGAAAGCCAGGA GGAAGGGGAAGGGGGGAAGAAAGGGAAGAGAGGGAAGGAAAAGGGGGGG AAAGAGGGAAAGAGGGAGAACAAAAAGCAAACAAAAGAGGAAGGGACCCA ACCAAAGCCGGCCGGTTAGGGGGGGGGGAGAAGAGAGGAGGAAGGGGAA G G G G G A G A A A G GCCGGGGAAAAGGGGGGGGAAAGGGAAAAGAAGAAGGG G G G CCAACCGAGGAAGGAAGAGAAGAAGGAAGGGGAAAAAAAAAAAGAGG GGAGAGGCAACGGAGAAGGGGAGCCAAGGGGGGGGGGAAGAGGGAGACA AAAATTAACCGGAGAGGAAGCCGGAAAAAGTTGGAAGGAGGAGAGGGAAA GGGACCGGGGAGGGAGAAAACCAAGGGGGGCACCAGCAAAGAAAAGGAAA AGAGGACCAAAAAGCCAAGAGAGACAAACAGAGGAAGGAACCAAAAGGGG AGGAAACCAAAAAACCAAGAGGAAAAGAGAGGAAGGAAGGGGGAAAGGCA A G A G A G G G G G G G G G G G GAACGGAAAGAGAAGGGGGGGAGAGGAAAAACA AGGGGGAAAAGGAGAAAAAAACAAAGACAAGGAAGGAGAAAAGGAGGAAG GAGGGAGGAAGAAGAGAAGAGAAAAAAAAAAAAAACCGGGAGGGAAGAGA CAACAGGGGCCAAAAGACCGGAAGGAAGGAAGGAAAAAAGGGGAAAAGGG GAAAAAGGAAGAAAGAAGAGAGGCCGGGGGGGGAAGAGGAACCAGCCGGA AAGAGAGGAAAAGCGAAAGGAAAGGAGAAAAAAGGAAAAAGGGAAGGTAG AGGAGAAAGCCCCGAGGAACAGGAGCAAGACAGAAGAGAAAAAGGCAGGA

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GAAAACGAGGCCGGGGGGGGAAGGGGAAGGGGGGTTAAAAGAAAGAGGG AGAAAAAGAGGAACCAGGGAGTTGGGGGAAACGCCCAAGCAGAAAAGAAC C GA GAGGGGGAGGAAGGAAAGCAGAAAAGGGGGGAGGCCAAAGAAGAGG
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G G G G G A A G G G GAGGGGAAGGAAGAGAAGGGGGGGAGGGGGTTAAGGCCA AGGACGAGAGGACGAGAAGGAGGGAGAAGAAAAAAGGGAGGGAAGAGGG CGAAAGGGAAAAAAGGAGAGAGGAGGAGAAGGGGGGGGGGGGAAGGGGA AGGAACAAAAAAGAAAAAAAGGGGAGAAGGGAAGGGGCCAAAAAGGGAGA AAAAGCAAGACAGCCCCCGAGGGAGAGAGGGAGGAGAGGAGAAGGGAAGA ACGGAAGAGCGAAGGAAAAGGAAGAAGAAAGGAATCACAGAGGGGGGGGG GGGAGAAAGGAGGAAACGAGGAGGAAGAGAAAGGGAAGATTACGAGGGG G G AA G GCCAAAGGAAAAGGGCCGAAACCAAAGACACGGGGAAGGGAGGGG AAAGGGCCAAGGAGGGGAGAAACACCGGCCGAGAAGGGGGAAAGGGAGA G G G GA GAGGAAGGCCCAGGCAAAAGCGGAGGAAAGAGGGTACGCCAAGG GGAGGGAGACCCCCCCAAAGGGCAGAAAGGCCAAAAGAGGAATTGGGGGA GGAGAAAAACAGCCGGGACCGGAAGGAGGAGGAGGGGAAGAAAGAGGGA GGGAGCCACGGGAAAGGGGGGGGCAACCAAGAGAAAAAGCCGAGGAGGG GCGGGGGAGGAAAACCGAACAGAGGGGCGGAGCCAGGGGGAGAGGGGGA AAAAGAAAAGGAGAAGGGGAAAAGAGACCGGGGAGGGAAGACCGGGAGAG GAAAAGGTTACAGGGCCCCGGAAGGGGAAAAGGGGGGCCAAAAGAAAGAA
 G G GAAAC GACGGGAGGGGAAGGAGGGAGGGAGAGGAAGAAGATAGAAGA AGAAAAGGGAAAAGGAAGGGGCCACAAGGGGAAAAGAGAAAAAGGGGGGA AAACAGGAGGGAAAAGGAAAAGAAGGAGGGGGGAAAACCAAGGGGAAGGG GCCGAGAGGAAAACAAGCAAAAAAAGGAAACAGAAAGGGGGGGGGGGGAG G G A G ACCACAAAAGGAGCAGAAGAGAAGAGGGGGGGGGGAACCGGAACCG G G G G G T T GAAAGGAGGGGGACACGGAAAAGAAGGAGAAAAAGAGGGAAG GAGAGAAGAGGAAAAAAAAAAAAAGGCCGAAAGGCCAAAAAAAAGGCCCC AA G G G G G G G GCGAAGGAACCAGAAAGAAAAGAAAACGAGGAAAAAGGAGG GGCCGAGAGGGAGAGGAAGAGGAGGAACGAGGACGGAGAAAAGAGGAAC CAGGGAGAGAAGGCAAAAAGGCCGGAAGGAAAAGGAAAAGACCGGAAGGG AGGAAGGCAAAGGCCCCGGAAAAGGAAGAGGGACCCAGGCCGGAGCCGGG A G G G GAA G G GAA G G GAAGGGGGGCAACGAGGGGGAGAAAAGAGAAGGAC AGAGAAAACCAAAGGCAAGGACGACCGAAGGGGGAGGGAAAAGGGGAAAA AA $\operatorname{A}$ GGGCAGACCCGGGGAAGGGAGAAGGGGGGGGGGGGAACCGAAGAGG GGAGGGGAGGGAAAAGGGGAAGGAAAGAAGAGAGGAGGAGAAAAGGGGA GAA $\operatorname{A}$ G G G G G G A A G A G G G G G A G G A A A G G GAGGGGGGGAAAGGGGAGGTAA GAA G G A G A A G G A A G G G A A A G G G G A A G GAGGGCCGGGGGGAACCGGGGGG AA G G CCAAAAGGAAGGAAGGAAGGGGAAGGAAAAAAGAAAAGGGGGGGG GAAGGAACCGGGGAAAAGGAATAGGGGGGAAAGAAGGGGGGCCAAAAGG AGAGCCAAAACCAGAAGGAAAGAAAAAGGGACAAAAGGGGGAGAGGGGCA C CAA $\operatorname{l}$ GGGGAGGGGGGGGAGAAGGGGCCAAAAAGGGGGAAAAGAAGGGA AGGGGGGGAAAAAAGGGCCGGCCAAAGAGAAAGAAGGGGAACCGGGGAAA G G G G G G G A A A A A A A G G G G GTTGGGGCCAACACCGGAGAAAAGGGGGGGG A GAAAAGGGGAAAGGGGAGGGGGACCGAAGGAGGCCGAGGAGAAGGGGA A G G G G G G G G GAGATTGGAAAAGGAAAATTGGGGGGGGAAGGAAAGCCGG
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 AA G G G GAAAAAAAAGGGGGGAAAAGGGGAACCGGGAGACCGGGGAAAGAA G G A GAGGGGGGGAGCAAAGAAGCCCCAGGGGAAAGACCAAAAAGCCAAAA GGAAGAAGCAAACCGAGGAAAAGGGAGGAGGGGGGGGGGAGGACAGAGG AAAGGCCGGAAGGAAAAGGAAAAAAAAAACCGGCCGGAAAAAAAAGGGGA ACCAAAAAAAAAAGGCCGGGGGGGGGAAAAGAAACCAAAGAAGGGGGGGG AAAGGAGAAGGGCAGCAACAGAAAAGAGGACAGCCAAGAGAAAAAGGAGG AGGGGAAGAGGGAGGAAGGCCCAGGGAAGGAAGAAGGAAAAAGAGAGCA GGGGCCGAAAAAGAGAGGGGGGAGCCCAAGGGAAAAAAGAGGGAGGGGG ACAGGGGGGGAAAAAAGACGGGGGGGGAAGGAGAAAAAAAAGGACAAAAA ACAAGAACCCCAGGGAAGAAAAAAGGAGGATGGAGAACCGGGGAAGAGAA AAAGAAGGGAAAGAAAGAGAAGAGAAAAAGGCCGGAAGGAGAAGGGGAAA GAAAACAGGCCAAGGGGGGGGAAGGAAGGCCGAACCCCCGCGGGACAAAA AGGAAAAAACGAGGGTTAGCCAAACGGCCAAAAAGGGGGAAAGGGGGAGG
 G G G G G GTTAACCGACAAAAGACGAAGAAGGGGGGAAGGGGGGCCGGCCA AAAAAGGGGGGGGGGGGAGGAAAAAGGCAAAAAAAGGGAAAGGGGGAGG AAGAGGAAACGGAAGGACGGACAAAGCAGAAGAAAACCGGCCAAGGGGAA AA G GCCAAGGCCGGGGAAAAAGGACCGGAGACGAGACCGGTTGGAAGGGG GACCCAGGGGCCCCAACCAGGGAGCGAGGAGGAGAAAGGGAAGCAAGGGG AATTCCGGAAGGAAAAAAAGAGGGGGGGAACAAAAGACAGAGCAAAAAGG GACACACCAAAAGAAAGGGGGGAAGGCAGAGAGAAAAAAGAAGGGGAAAA AAAGGGAGGAGAGGGGAACAAAAACAGGGGGGGGAAAAGAGAGAGAAGG AGAGGAGAAAAAAAGCCAAAACCAAGGGGCAGGAGAAAAGGAAGGAGGAG AAGAGAAAGGGAGAGAGGGAAGAAAGGAAAAAGCCCAAAAGGGTTGGACA AGGGACAACCCGGAAAAAGCCAGGACAAAGGCCCCAGGGCCCCAGCCACG G G G A A G G A A G A G A G G G G G G A A G G G G G G G G A G ATAAGGGGCAAGCAAGAG AAGGAGCAGGAAAGAGGAGGAAGAAGGGGGGAGGGAGGAAGGAAGGGGA AAAGGGGAGGGAGAAAAAAAAGGAAGGAAGGGGGGAACCGGCCGGAAAAA ACCCCGGGGGGAACCGGGGGGAACCAAGGGGGGGGGGGGAAAAAAAAGG G G G G G GAAAAAAAAGGAAGGAAAAAACCGGAAGGGGAAGGAAGGGGGGA ACCGGAAAAGGGGGGAAAACCGGGGAATTGGAAGGGGAAGGGGGGAAAA G GAA G GAAGGGGCCGGAAAAGGAAGGGGAAGGAAGGGGGGGGGGAAGGA A G G G GAA $\operatorname{l}$ GGGAAGGAAGGAAGGCCAAGGAAAAGGGGAACCAAGGAACCG GGGAAAACCGGAACCAAGGGGAAAAAACCAAGGAAGGAAAAGGGGAAGGC CGGAAGGCCAAGGGGAAGGCCGGGGAAAAAAAAAAGGGGGGGGGGGGAA G G G G A A G G G G G G A A G G G G G G A A G G G GAAAACCAAAGGAGGAGAACAGGC AAAAACCGGAGGGAGGAACGACAGGGGCCGGCACCGAAAGGCCAAGGGGA AGGAAAAAGAACCGGAACCAAAATTAAGGAAGGGGAAGGGAGGAAAAGAG GCCGGAGAAACAAAAGGAAAAGGAAAAAAAAGGGGGGGAGAAACAAAGAG GGAAAGAAGCAAAAAAAGGACGAAAAGGAAGGGACAAACAAGGGAAAAAA AAAGAGAAAAGAACCCCAGAGAAGAGGAGGAAGAGCCAGGGAAGGGGAAC

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 GAGAAAGGGAAATCAGGAGAAGACAAAGCAAGGAAAAAAGGAACCAGAAA AGAAGAAAAGAAGAGAGAAAAGAAAAAAAGGCCAAAGACAAGGCCAAAAA AGGGGGGAAAGGAAAGAGAGGGGAGGAACAAGAGGCCAACAAAAGGAGAA AGGAAAAAGAAAGGAAGAAAGGAAGCAAAAAATAGGAGGAAGAAGAAAAG GAAAAGAAGGGAACCGAGAGAACAGGGGAAGGGAGAAAAAGCAAGCCAGA G G G A A G G GA G G G G G G G G G G G G GAA $\operatorname{AACGGGGGGGGAAAGAGAGACGGAG~}$

AGGGCAGAAAGGAGGGAAAAGGAACCAGAAGACAAGACGGGGGGAGGAAA AA $\operatorname{A}$ GGGGGGGGGGGGGAAAAGACCGGGAAAAGCCGGGGCATAGGGGCAA G G G G G G A G G G A C CAAAAAGGGGGGGGAGGAAGAACGAAAGAAGGAGAGG GAAAAGAAAAAAGGAAGACCCGAAGGGACAGGAACCGGGGAAGGGGCCGG AA G G G GAAAAGGAAAAAAGGAAAAAAAAGGAAAAAAAAAAGGGGGGGGGGG CCGGGGGGGGCCCCGGAAGGAAAAAGCAGGCGAAAAAAAAGGGGAACAAG CAAACCGGAAGGGGGAAAAGAGAGAGCCGGACAGAGGGGGAGAAGGGGG G G G GAGAGGGGGAAGCCGGCCGACAGGAAAAGGAACCAAGGACAAGAGG GAGGGGGGGGGGAACCGGAACCGGAAAAGGCCAAAAAAAACCCCAAAGAA AGGAAAAGGGGGACGAGGAAACAGGAAAAGCCGGCCACCCGGCAGGGGGG AAAAGAAACAAAAAGGGAGAAAAAGGCCAAAGCCCCGGAAGGGAGGGGGG AA G GAGGAACGAGGGGAAAAAAAAGGAAGGAAGGGGAGAAGGGAGGGGG AAGCAGGGAGAAGAGAAAAGGCAAAGGAAAAAGGGGAGGAAGAAAATAGG GAAAGGGAAGGAGGGACTAAAGGGGACCCAGGGAAAAAAAGGAACACGGG GAGAAAAGAAGGGAAGGGGAAAGAGGGGGCCCCAAGAAAAGAGCCGGAAC CAGAACCAAAGGAGGGGAAGGAAAGAGAGAGGAAGGGAAAAGGCAAGGGA AAACAAAGGAACCAAGGAACCAGAGGGAAGGAAGGCCGGAGAGAGAGGGA C G G G GAA G G GAAAGGGGAGAGAGAAACAGAACCAAGGAAAAAAAGAGAGG A G G G G A T A A A G G G G G G G A A G GCCAGACGGGGGGAGAGAAAGGAAGACGG AGCCAAGGTTGGGAGGGGAAAACAAAGGAGGAAACAAGGGCCAAGAAAGG G GCCAGAAACCAGAGAAGGGGAAAGGAAAAGGGGGGGGGGCCAAGGGGG G G G G G A G GAA G G GAAAAAAA GAAAA GCGGGGGGAGGAAAGGAAAAA G G G AA $\operatorname{GAG} \ln \operatorname{Ag} \operatorname{GAGGCCGGAGCCGGAAAATAAAAAGGGAGGGGGGAGGAAAAA}$ AGGAAAAGAGAAGAGGGGAACCGGGAGAAGAAAGGGGGGGGGAAGGAGG AAGCCCAAAGGAAAAGGAAAGGGAAGGGGAGGGGAAACAAGGGGGAAAAA ACCAGTTAGCCCAAGGGGAAGGAAAGAACGGAAAAAGGAGAAACCGAAAA ACAAGGGGGAAAACCGGAGGGAAAAGAAGGGGGGGAAGGAAAAGGAGAG GGAGGAGGCCGGAAGACCGGAGAAGAAAAAAAAAAGGAGAGGAACCAAAC ACCCGGAGGGAAGGAAGACCCAAGGGAAGGAAAAGGAAAAGGGGTTAAAG AAAGAAAACCCCGGAGAAAGAAGGATAAAAAACCGGAAAGAAAAGGCCGG AAAAACCACCGACCGGGGAGAAAAGGGGAAGAAAGGAGGGGAAAGAGGAA GGAGAAGGGGAAAAGGAAAAGGGCGGGAGGGAGGGAAAGGAGAAAAGGC CGGAAACACGAAGGGACAGAGACAAGACCAACCGGGGGAGGAGAACCGAG G G G G G C CA G G G CAGGAAAACAAGAGAAAAAAGGGGAAAAGAAGAGAGGGA CGAGCGGAGAGCCTTGGAAAACCCCCCAACAGGAAGAAAAGAAAGAAAAA AAAGGAAGGAACCGGAAGGGGAAGGAAAGAGAGGGAAAAGGAAAAGGGG G GCCACAAGGCCGGAGGGCAAAGGAGAAGGAACAAAGGCAAGGGAGTAAA GAGAGAGCCCGAACAAAAGACCAAGGAAGGAACCGAAGAGAGGGCCGGAC CAGGAAAACCGACACCAAAGGCAAGGAAGGAAAAAAGAGGAAGAAGAGAG CGAACAGGGGAACAAAAAAAGGAACCGGAAGGGAGAGACAAGCCCCCCGG AAAAAACCCGCGAAGGCAGGCCAAAGGGAAAAAAAAACGAGGGGAAGGAA GGCAGGAGAAGAGGAAGGGGGGGAACCCAAGGAAAAGGACGGAGAAGGG GAGGGAGGAAGCAAAAAGGGGGGAGAGAAAAAAAGGAGGGAAAGGAAGA G G G G G G G GAAAGAACCGACAAACAGGAAGAGAGAGGGGGGAAGGCCGGA AGGAAAAGGGACAAGAAAGGGAGAGGGAAGGCCGGTTGGGGCCGGGGAA AA G G G G G GAAGGATAAGGAAGGGAAGGGGGACAAAGGGGAAAGAAGGAG AAAAAAAAAAAGGAAAGGGAGGAAGAAGAAGGGAAGAAAGGGGCCAAGGC CGGAAGGGGGAAAGGGGAAGGGGGGCCAAGGAAGGAAGGAAAACCAAAAA AAAAAAACCAAGGGGGGGGAAAAGGGGGGGGAAGGCCGGCCGGGGAAGG GGAAAAAAAAGGAACCGGAAAAAAAAAAAACCAAGGAAGGGGCCGGACGA AGCAGACCGGAAACAAGGAAAACCAAGCAGAAAAGGAAAACCCCACGAAG AAAACAAAGGGGAGGAGGGAACGAAAGGACAAAAAAGGAAGGCCGAAGAG G G GAA G GAGGGGAGGGAAGGAAAAAGAAAAGGAAGGAAGGAGAGGGGGG AA $\operatorname{G} \operatorname{GGCAGGGAGAGGGGAAAAGGAACCAGGGAAGAGAACAAGGAAGGAAG}$ AGGGGGGACAGAGGGGAAGAGAAAACCAAACAGAAAAGGAAAAAGGGGAG GAACCAGAGAGGGAAAGGGGAAGAAGGAAAAGGGAAGGAAAGGAACCACG GGGGAGGGGGGCAAGGGGGGAGGGGGGCACCGGAAACAGAGACGGCCAG ACAAAACCGGGGGGAAAAGGCCAAGGGGAGAAAAAAAGGAAAAAAGAGAA AACCGGAAGGCCGGAAAAAAGGCAAAAACAAAGGAGGGAAGGAAGGAAGG AGAAAGGAGGGGAAGGAAGGGAGGGGCCAAGACCAGGGGGGGGAGACCG AAAAAGGGGGGGGAGAAGACGAGACAGAAGGAAGGGGAGGGGGCCGGGG

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AA GAGGGGAAAAAAAGGAAAGGAAGGGGGAAGGGAAAGAAACAGGGACCC GGAAAAAGAGAGACAGGAAAGAGGAAAAGGGGGGGGGGGGCAGCGAAAA AA $A$ AACGGGGAGAAAGGAGAGAAGGAAGGGGAGAGGAAAAGCAGGAAGG AAAACCGGACAGAGGAGAGAAAAAAAAAGGCCGGCCAAAAGGGAGAAGGA GGGGAAAAGGCAAACCAAAAAAAAGGGGGGCCAAGGAAGGAAAAGGGGAA G G G GCCGGGGAAAAGGAAGGCCAAAAAAAAAA G GAAGGGGGGGGAAGGA AAAAAGGGGAAAAGGGGGGCCAACCAAAAGGGGGGAAGGGGCCAAAAGGA AGGCCAAGGGGAAAAGGAAAAAAAAAAGGGGAAAACCCCAAGGAAAAAAA ACCGGCCGGGGAAGGAAGGAAGGAAGGAAAAAAAAAAGGCCGGGGAAAAA AAAGGAAGGAAAAGGAAAAAGCAAGAGAGAAAGAGAAAGAATTGAAAGAA CAAGGGGAAAGAAGAAGAACCAAGAAAGGAAGGGGAGGGCCGGACGAAAA CGAAAAGAAAGGGGAGGGGAGCCAAGAAAAGGAAAAGAGACGAGGGGAGA AAAAGGGGGGGACGGGGCCGAAAAAAAGGGGAGAAACGAAGAGGACAGG GGGGAAAAGAGG
$22030000-9$ GAGGGGCCGGGGAGAGAAGGAGAAAAAAGGGGCAAAAGAACC CCCCAAGGAGAGCAGGAAGGAAAGCCAAAAGGAACCGAGAAGGGGAGAGG AACCAGAGGAAGACAGGGCCGGGGAAGGCCAAGGAAGGGGAAGAAGGGA GAAAAGGGGCAAGAAGGAAAAGAGGGAGGAAAGCCGGGGCCAGAGGAGAA AAAGGAAAAAACCAAACGGACAAAGAAGGAGGGAAGAAAGGGGAAAGCCG GAA G GAGGAGGAGAGGGGGGGGGGAAAGGGGCCGGAAAAGAAGGGAGAA AAGGAAACAGAAAAAAAAAACCGGAGGGAAGGCAAGAAGAAAGAAAAAGG GGAGAAGGGGAAGGAAGGCCAGAGGGAGAGCAGAGGAAACGAGAGAGAG AGGGAAGAGCCAACCAGGAAAGGGAGGAACCAGAACCCCGGGGAAGGAGT AA GCAAAAGATGAAGAAGGGGGAAGAACCAAGGAAAAAACATTCCGGGGC CGGGGCAAAAGCAAGAAGGAAGACAAAGAGAAAAGGGCAAAACAGAAGGG GAAGGAAAGGAGGGGAAAAGGAGACGGGGGGAAAACCAGAAGAGAAAAAC CGGACGGAAGGGAGACAAGGAAAGAAGGGAGGGAAGAGAGAGAGACCGA GAGGAGAAAGCCAGAAAGAAAAGGAGAGAGAAAAGGGAAAGGAAAAGACC CAAGCAGAGGAAAAAAAAAAAAGGGGAACCCCGGAAGGGGGGAAGGAAGG CCGGAAAAAAAAAAGACCGGAAGGGGCCAAGGGGGGGGCCGGTTGGGGAA GGGGAAAACCGAGAAACAAAGAAGGAAATAAGCCAAAAGGAGGGGCGAGA GGAAAAACCCGAAGAAGGAACCGGGGGAGGAGCCGGAAAAGGCCGGAAAA AAGGGAAAAGGAACGGGGAAAAAAAAAAGGAAGGAAAAGGGGCGAAAAGG A GAAGGAAGAAGAGAAAAGCGAGGAAAAGAGGGGCCAAGAGGCACCAAAA AACCAGGACGGAGCAAAAAAAGAGAAGGGGGGACAGGGAAGGAAGGAAAA GAACGAGGTAAGTTCAAAGGGGGGAAAACCAAAAAAAACCAAGGGGAAAG AAAGGAGACCGGAAAAGGAGACGGAAGAACGAGGAAGGGAAAGGAGGAAC GAAAGAAAACGGACAGGGAAGGAAGGGGAAAGGGGGGGAAAGAGAACCAG AAACCAGGGGGAGAAGGAGGCAAACCGCCACAAAAAAGGAGGGAGGAACC AAAAACAAAGGGGGCAGAAAGGAAGACCAAGGAAGAAGGAAAGGGAGGGG G G G GAAAGGGGAAAGGCCAAAAAAGGAAGGGGGGGAAAGGAAGGAAAAAA AAAACAGAGAGGGGAAAACCGGAAGGCCAAAGGAAAGAAAGGGAAAAGAG TAAGGGCAAGGGGGCAATGGAAAAAGAAGACAAAAGGGAAAAAAGAAAGG GGAAGGAAGAAGAAGGGGAAAAAAAAGAAAGGCCGAAGAGAGCAGAAACC AGAGAAAAACAGAGAGGACGAGACGGCCAAGGGGCCGGGGAAGGAAGGCC GGAAAAAAGAACCCAGCAGAAAAGAGAAAGAACAAGAAAGAGGGGACAAA GGGGGGTTAAGGGGGGAAAAGGGAGGGAAAGGGAAAAAAAAAAATAAAGG GAAGAGGGGGAAGGAGAGAGCAAGGGGAGGGGGGAAGGGGAAGGAAAAA AGGAAAAAAGGAAAAGGGCAGGAAAAGAGGAGGAGAGGGGGAACCGGAGA GAAAGAAGAAAGAGACCACGGAAAAAGAACCGGAGCCGAAAAAAGGGAGG GAGAAGGAGCCGGCCCAAGGAGGAAACAAGGAGAGAGACGAGGGGAGGG G GAAAACCGGAAGGGGAAAAAAAAAACCAAGGGGCCCCGGGGAAAAAAGG GGTTCAAAGGGGCCGGGGAAACGAAAGAGGCCAGAAAAAGGAGGAGGGG GAAAAGGGGAAAAACAGGGGAAAGACCGGGGGGAGAGGGAGAAAAGGGG AAAAAAGGCCGAACAAACCAAAAAAAAAAAAAGGGCGAGAGAAGAGGAGG GACAAACCAAAAGGAAGGAAAAGGGGGGAGCCGAGGGGGGAGGAAGAAAG CCGCAGGAGGGAGAAGAACCAGAAAGAAACGGGGGGAAGACCAGGGAGGG AGAAAGACAAAGAAAAAAAAGAAAGAGACAAGGAGAACGGAAGGGGAAAA AAGAACAACCAGAGGGCCACGAAAGGCCGAGAAGGAAGGAGAGACCAGCC GGGAAAACCACAGAGGAACCGAAAGGGAAGAAGGAAGAAGAAAAACGAAG GGAAGGGAGAGGGAACGGGGAACCGAGACCCAGGGACAGAGAACCCGGCC

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 A G G G G G G GCGAAGGAAAGGGGGGACAACAAAAAAAACCGGAAGGGGCCAA AAGGAAGAGGAGCAGGATAGGGGGGGGAAAAGAGGGGGAAGAGGAGAAG GAAAAAAGGGGGGGAGGAAACAGAGCCAAGGGGGGGGAAAAGGGCCCGG GGAGGAGGGAGGGAGAAGCAGGAGGGAAGAAAAGGGAGAGGGAGGCAAA ACCGGGGAAGGAAGGGGCCAAACGGAAGGGCGGTTAAAAAAGGGGCAGG GGAGAACCCCAGAAGAAAGGAAGGCCAGAAGAGGGGGGGGGGGGGGGGC CGGGAAGGAAGAACAAGCCAAGGAAAAAGCCAAAAAAAAGGGGCCAAAAC CGGAAGGAGAAAAAACCAAAGAAAGAAGGGGGAAAAAAAAAGAGGGAAGA AGAAAAAGGAGAACCGGCAGGGGAGCACCAAGAGAGGGGGGAAAAAGAAG CAACGGGGGAGAAAAAAAAAAGGAAAAAAGGGGAAGGGGAAGGGGGGAAA AAAAAGGAAGGAACCAAGGAAAAGGAAGGAAGGAAGGCCAACCCCAACCA AGGGGGGCCGAAAGGGGAGAGAAGAGGAAACGGAAAGGGAAAGAAAACAC CAAAAGGCCGGCAGAAGAAAACCAAAAGGCCAAGGGGGGGGAAGGAATTG G G GAAAAAACCGGGAGGAAACGGGGGGACGAGACCAAAAGGGGAAAAAAA GAGGGGACCGGAGGCAACAAAAAAGGGAAAGGGGGGAGGAAAAGAGACCG GGGAACCGACACCGGCCGGTTAAGGAAGGGGGAAGGAGGAAGAAGGGAA GAAGAAAAGAAGAAAAAAGGGAAGGGGAGGGGAAAGAGAAAAGGGGGGG GGGAGCCCCAAAACAAAAAGGGGGGGGGGGGAAAAAAAACCGGGGGGAAA AAAGGGGCCAGAGGGAACGGGAGGGGACAAAGGCAGGACGAAAGGGGGA GGAAGGGAAAGACCAGACAAGGGGAACCGGAGAAAGGAAAGAAGGAACGG AAAGGAGGAAGGAAGAAAGGAAAGAAGGGAAAGGAAAGGGGGAAAAAAAA GGGGGGGAAAGGGGGGAACCGGCAAGTAAAGGAAAGAGAGGGACAGAAG GGGAGGAGAGAACACGAAAAAAGGGCCAAAATAGAACACGGAAGGGAAAG G G G GAGACCGAAGAAAAAAAAGAGGAAGGCCAGACAAAGGGGGGAGAAGA ACAAAAAAAAAGGAAGGAACAAACAAAGGCCGGAAAGGAGAAGGGAGAGG GAAGGAAGCAAGGGAGACGGGGGAAAAGGAAGGCCAACCGGAAGGCCGAC CAAGGGAAAGAAGCCGAAGGAGAGGAAGAGGGGGAAGCCGGTAAAGGGG GAAAGGACAAAGAAAAGAGGACAACCGGGGAAGGAAGGAAGGGGGGGGG GG GAAAAAAAAGGAAGAGGGGAAAAAGGGGAGAAAAGAGGACACCAATTG ACCCCATCCGGGGAAAAAAAAAAGGAAGGAGCAAAACAAGAGGAAAAGGA GGGCACCAGCAAGATCCGGAAGAGGCCCAGAAACCGGGGGGGAGGGGCCG AAAGGGGCCGGAAAGGGGGAAGGCAGGAAGGGGAGCCAGAAAGAAAGACA AAAAAAGGGACCCTAGGAAAGGGGAAACCGAGGCATAGGGGGGCAAAAGA GGAAAAAGGGGGGAAGGGGAGGAAAAGGGAAAAAAGGGGGGACGGGGGC AGAGGGGAAAAGAAAAGGAGGGGAGGGGAAGAAAGGAAGGGGGGAGAAG GACGGGGGGCCCCAGGAGGAAGAGACAAGGGACAGGGGGAAGACCAACCG

GAGGAAAAAACGGCCAAAGAGGGCCAAGGAAGGGGCAATAGAGAAAAAAC CAAAAGGGGTAGGGGGGCCAACAGAAGCCGGAGGGAAGAAAAAGAAAAGA ACCGAACCAGAGAGAAGCAGAAAAAAGAAGAGGGGAATTCCGGAAAAGGG GAAAGAAAAAAGGGGAGAAGGGGGAGAAAGGAGAAGAACGGAAAAGAAGG GAACCGGAAGAGAGACAGAACGAGAAAGGGGGGAAACAAAAGGGGGGAAA AAACCAAGAGAATAGACGGGGACAAAGAAGGAAAGAAATGAGGCAGAGGA AAAGGAAAAGGGAAAAGAACCAAAAAGAAGGCCACGAGAGAAGAAAGGGG GGAAAAGGAAAAAAAAAGGCAAGCCGAGAAAAAAGGGAAGAGGAAAGGGG AGAAGACGGAGGGGGAAAAAAAAAAAACCGGAAGGGGGGGAAGAGAAGAA GAAAAGAAAAAGGAAGAGGGGAGAAGGGGGGGGAATTAAAAAAGGCCAAG GGGGAGGAAAAGAGGGGCCGGGAAGGGAAAAGGGGAAAAGGAAGGGGAA GGAACGCCAAAGACACAAGGAAAAAGCAAGCCGAAGCCGGCCGGGATAGG AAAAGGACGGGGGGAAAAGGCAGGGGAGGACCGACCGGCCAGGGGGGGA AGGGGAAAAAAGGAAGGAAGGGGAAGGAAGGGGGAAGGGGGGACCAAGG GAAAAGAAGGACAAAAAAAGGAGGCAAAAAAGGGGGAAAGAGAAAAGGAA CCAGGGGGGGCCGGAAGGGGAAAGAACCGGGGGGGGGGAAAACCAGAAG GAA G G G G G G G G G ACCGGAAAGGAAGGAAAGGAAGAGGAACCGGCCAGGG GGGGACGGAGCCAGAGGAGACCGGAGAAAAAGAAGAGGGAAAAGAGGAAA CCGGAGGGAACAAGGACCGGAGGGCAAGGGAGCCAGAACCGAGGAAGAGA AACCCCGGAAGGAGACCCGGAACCAACCAAGGGGGGGGAAAGAACCGAGA AA $\operatorname{A}$ GAAGGGGGGCCGGCCAGGGGGACGGAAGGAGAGGGAAGGGGAAAAA CATAAAACGAAAAAGGGAAAAAAGGGGAAGGGGCCCCACAAGGAAAGGGG GCCAGCCAGGGGGGAGGAGGGAAAAGGGGGGGGGAAAAGAAGGCCCAGG GAAAAGGAAGGAGAAAGGGGGGAAGACCAGGGTAGAAAGGAAGAGAGGG GAAAAAAGGACGAGGGGAAGGAGGGAAAAAGAAAACCGGAAAGAGGGGAA GCCACGGGGAAAGCAAAAGCGAAGAAGGAAGGGAGGGAGAAGGGAAGGAA AAAGGCCCCAACCAAGGGGGGAGAGAAAGGGGAGAAGAGACGGCGGAGGA CCCGGGAAAAAACAAAAGGAAAAGGCAGGGGGGAAGAGGAGGAACGGAAA GGGAAAGGGGGGGGGAACCGGAAAAAAAAGGGGAAAAGGGAGAGGAAAA GGGGGGAAAGGGGACCAAGGCCGGGGAAAACCAAGGAAGGGGAAGGAAG GAAAAGGGAAGAAACAAAAGGAAGGAAAAAAGAGGCAGGGAGAAGGGAGG GGGGAGGAAGACAAGCCGGGAGGGAGGGGAAGGGGGGAAGAAGCCAAAA G GAA G GAAGGAGAAAGGGGGGAAAGAGGAAAAGAGGGAGAACAAAAAGCA AACAGAGGAGGGGGGGACACGACCAAAGACGGCCAGTTAGGGGGGGAGG A G A G GAGGGGAGGGAAGGGAAGGGGGGGGAAGGCCGGGGAAAAGGGGGG G G AAA G G GAAAAGAGGAAGGGGGGCCAAACAAGGAAGGAAGAAAGGAAGG AAAGAGGAAAAAGAGAGGGGAGAAGAGGCAACGGGGAAGGGGGGCCAGG G G G G G G G G GAAAAGGAAAAAAAGCATAAGCCGGGGGGGAGGACGGCAAA G G ATGAAGGAAGGAGAGGGGAAGGGACCGGAGGGGGGGAAAACCAAGGG GGGCACCAGCCAAGAAAGGAAGAAGAGAACCAAGAAGCCAAGAGAGACAA ACAGGAGAAAGGAACGAGAAGGGGGAAAACCAAAAAAACGAGAAGGACAG G G A G G G A A G CAA $\operatorname{l}$ GGGATAGGAAGGGGAGGGGGGGGGGGGAACGGAAGG GGGAGGGGAGGAGAAGAAAAACAAGGGGGAAAGGAAGGAAAAAACCAAAA AAGGAAAAAAGAAAGGAAGGAAGGGGGGGGGGGGAAAAAAGGGGAAAAAA AAAAAAAACCGGAAGGGAGGAGACAAAAGGGGCCAAGAGACCGGAAGGAA GAAAGGAAAAAAGGGGGGAAGGGGAAAAAAGGAAAAGGGAAAGAAGACAA GGGGAAGAGGGGAACCAGCCAAAAAGAGGGGGAAAGGGCAAGGAAAGGA GAAAAAAGGAAAAGGGGAAGGTTGAAGGGGGGGCCACAAAGAACAGGGGC AA $\operatorname{G} A A \operatorname{A} G \mathrm{GA} A A G G G G A A G G C A A G G G A A G A G G G G A A A A G A A A A G G G A A G G$ GGGAAACCAGAAGGAGAGGAAGGGGGGAGGGGGGGGAACCAAGGGGGGA AAAAAAAAAGGAACCGGGGAGAAGAGGGGGGAAAAGGGAAAGGAAAACCA GACCGAAAGCCGAAGGAGGAAAGAAAAGAAGGAAACCGGCCCAGGAGGGG GATAGAGGGAAAAGGAAGGGGGGCCAAGGAAGGAAAACCAAGGCCGGGGA GAAGAAAGAAGAACCCAGAAGAAGAAGAGAAGGCCGAAAAGGAAGAAAAG GGGAAGGAAGAAGAGAGAAAACCAGAAAACCCCAGAAGGAAAACCAACCG AGGAGGGGAAGCCCAGAAAGGGACGGAGGACAAGGGGGGAGGGGGGAGG AAAAGGAAAGGGAAGGAAGGAGAAGGGGGGCCAAGGGGCAGGAAACGGC AA $\operatorname{G} \operatorname{GGAAAAGGGGAAGAGGCCCCGGAAGGCCAAGACCAAGGGGGGGGGG}$ GGGGCAGACCGGCAAAGGGGGGGAAAAAAAAAAAAGAAAAGGGGCACCAA GAGAAGACATAGCACCCCAAAAGGTTAAATGGGAAAAAGGAAAAAAGGGA AGAGGAGAGGAGCAGAGGGAGGAACAAAGGGGAAAACCGGCCAAAAAAGG

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 A G G G G G GAACCGACACAAGAAAGGGGAGGAAGGGGACGAGGGGGGGGGG AAAGCCAAAGCAAAGGGAGGCCGGAAGGAAGGAAAAGGGGGGCAGGAAAG A GAGGAAGAAGAAATACCAAAAAAAAAAGGGGGGAAGGGGGGAGAAAACC ACCCAAAAAAGAAAGGCCGACCGAGAAAAGAAGGAGGGCCAAAGAGCCGG G G G G G G G GAAGGAGAGAAGGCCGGGAGAAAAGCAAGAACAGAAAGGAGG AGAGAGAGAGAAGAGGGAAGGGGACGCGGAAACGGAAAAAAAGAAAGAAA G GAGAAGGGCCGGAAGGCCGGCCGGAAAAGAAAAAAAGAGGCCAAGGAGA AGGCCGGAAAAGGCCAAAAGGAGGAAGAAGGGGGAGAGGGGACGGGAGG G GAGAGAGGGAAAGGCAAGGAGCCGGGGGGGGGGAGGGAAAGACAGAAA GGGCCGGAGGGGGACCCCCCCGGAGCCCCCCAAAAAAGGAAAAAAAAAAG G G G G G A A G G G G A GCCAAACAGCCAAGGGGGGGGCCGGAAAGGAAGCCAA GGGGCCAAGGGAAGGACCGGCCAAAAGAAAAAGAGGAAAGAAAAGGAAAA AAAAAAACGGGGCCGGAAAAAAAAGGGGAGGGAGGGAGAGAGGGAAGGA G G ACAGAGAGGACGGGGGGGGAAAAAAGAAGAAAGGGAAGACAAGGGGG GAAAAAGGGGAAAAACGACACCAAAACCAGGGTAGAGGAAAAGAGGGGAG GGAAAAAAGAAAAAAGAGGGGATTCCAGAAAAGAAAAACCACAAGGGGAG AGAGAAAACCGGGAGACCGACCAAGGGGAAGAGGTTACGAGGAAGGAAGA A GCAAAAAACGGGGAGCCGGAGAAAACAGGGGGGGGAGGGAGAAGAACAG ACAGGAGGGGCCAAGGAAGGCAAAGGAAAAGGAAGGGGAACCAGAAGGAG AAAGGCCCAAGGAAGAAAGAAGGAGAAAGAGGAGAGGGGGAAGGAAAAGG GAGGGAGACCGAAAGGGGGAGGGAGAAAGGGGGGATGGCCAGGGGGAAG AAAGGGGGGCCAAGGAAGGAAGAGAGGAGGGCCAGCAGGGGAAAAAGAG GGAGACAGGAAAGGAAGAGGAAAGAGGGGGAAAATTAGGGAACCGAAAGG GAAAAAAAGGAACCAAAAAAGGAAGGAGCAAACCGGGGCCGGAGGGATCA AAAAGGAGACGACCAAGGCACAAAGGACAAGAATAAGGGGAATTAACCGG ACAAAAGGGGAGAGGGGGAAAAGAAAGGGGGGGGAAAAAAGAAAGGAAAA CCGGAAGGGGAGAAGAGGCCGGCGCCGGGGGAAAGAGGAAGCGGAAGGG GGAGGAACCGGAAAGGGAAAAGGGGAGAAAGACGGAAAAAGAGGAAGGAA AGAAAGGGGAACCGGAAGAGGGCGGAACCGGGGAAGAAAGGAGGGAAGG G GAA G G G AA GAAGGGGGAGGGGGAGGAAACAGAGAGAAAAAGCAAAAAAA AA $\operatorname{l}$ GGGAAGGCCAGAAGAACAGGAGGGGAGGGGGGGGGGACAAGGAGGA GAGAGGGACAGCCGGAACCAGGGGGACCACACCGGGGAGGGGGGGCCAA AAAAGGGGGGAAAAGGAGGAGGGGGGGGAAACACAACAAGGGGGAGGGA AAAAACCGGAAGAACAGAAGAGGGGACAGGGAAGGGAGGGGAGGGAAGAA G G G G G CCGGGAGGAGGAGGAAGGGAGGCCAAGGGGCCAAGGAAGGGGGG ACGGAAGAAAGAGAAGAGAAGGCCGAAGAGAGGGGGGGCCAAGGAAAAGG AAACCCGAGGAAGAAAAGGAAAAGGGAACCAGAAACGACAGGGAACCCGA GAGAAAAGGGAAGAAAAGGAAGAAGAAGGGGACGGGGGGGGGGGGAAAA A G A A A A CAAAAGGACGAGAGGGGGAGGGAGAGGGGGGGGGGGGCCAAGG CCGAACAGCCCCAAGAAGGAGGGAGGAGAGCCAGAGGAGGGGAGCCGGG GCCAGAGAAAAAAGGAAGGAAGGGGAAACAGCCAAGGAGAGGGGAAAGAG GGGGGAGAGACGGGGACAGGAAGGGAAGGAGAAAGGGAGAGACAGAAAA

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CAGGAGGGGAAGCCAAAAAAAGCCGGAGGAAACCGAACGAACGGAGGACC AA GGCCAAAAGGAGGGGGAGAAGAAAGAAAGGGGCAGGGGAACCAAGACA GGAGAGGGCAGAAAGGGGAAGGGGGGGGTTACGGGGACCCAGAAAGAGA AAAGGGGGGACAAAAGAAAAAAAAGGGGAGGGGGGGAAAAGGGGGGGGG GGAAAAGAAAGAAAGGAGAAAGAAAAAACGCCGGGAGGGGAGGGGGGAAG GGAGGGAAAGGAGAAAGAAGAAAAAAGGAGAAAAAGGAAGAGACACAAGG AGCCCCAAAAGGCCAGGGGGGAAAAAGGAGAGCAAAAGAAGAGAAGGAAG GGAGGGGGCCGAGGAGCAGGGGCCAAAAGGAAAGAAGGCACCAAGGAGAA CCAGAAAGAGAGAGGGGAGAGGGGGACCCCAAGGGGAACCGGGGGGAAA AGGAGGGGGAGAAACAGAACCGAGAGGAAAAAAAAGGGGAGACACGGAAA AAAAGAAAAGAAGGAAGAAAAAAAAGAAGAGAACAAAAAAGAAAAGACCG AGAGGCCGAAAGAGAAGCCAACCGGGGGGGGCGGGAAAAAAGGGGGGAA ACGAGACCAAGGAAAAGGGAGGAACCGAGGGGAAGGGGGGAAGGGGAAA AGGGGAAGGGGAAGGAAAAGGAAAGGGAGAGGAGGAAAAAAGGCCAAGG AAGGAAAAAAGGAAGCAGAAGGAAGGAAGGAAAAAGCCCCGGAAAAGGAA AA G G G GCACAAACCGGGGCCAAAAAGGGGAGGGAAGGGAAGGGGGGAAC CAAGGGGGAGAGAAGAGGAAGACAGAGAAGACCAGGGCCGAAGACGACCA AA $\operatorname{la}$ GGGAGGGCCGGGGGGAAAAAAGGAAAAAAAAGGGGAAGGAAGGAA GGAAAAAAGGGGAACCAAGGGGGGAAGGGGGGGGAAGGGGGGAAAAAAG GAAAAAAGGGGAAAAAAAGAGGAAAAGGGGGAGAAAAGGGGAAGGGAAGG GGGGGGGAGGGGGAAAAAAAAGGCCGGAGAAAAGAGGAAAAGGGGGGAA AGGGCCGGGGAAGACCGGAGGGAAAGCCAAAAGGAAGGAAAGAAAGGGGA AGGAAAGAGGAAAAAGAGAGGGAAAGGACCAGGGCAAAGGAATTGGAGGG GAGGGAGGGGGGACAAAAAGAGGGCCGAGACCAGAAGGCAAAAAAAGGGG CCGGGGGGAAAAAAGGAGCAACAGGAGGGAGGGGGGGGGGCCAAAACCG AGGAGAGGGAAAAAAAGGGAAGGGGGGGAAAAAGGGGCCGGCCAAAGAG AAAGAAGGGAAACCAACCGGGGGGCCAAAAAGGAGGGGAGTTGGAGCCAA AACCGGAGAAAAAGGGGAGGGGAGAGGAGACCGGGGGAAGGGAACCAAA GAAGGAAGAAGAGCAAGGGAAAGAGGGAGAAGAATAGAAGAAAGAAATTG GAGGGGGAAGGGAGGCCGGAGGGAGGGGGAAGGGGAACAGAAGGGCAGG ATACAAGGGGACGAGGCCGGAGGAGGGGGAGGAGAAAAAAAAAAAAGGAA AAAGAAGGCCAAGGAAAAGGAGGGATGAAACAAAGGAAGGGGGGGGGAG GAGGGGGGAAAAAGAACGGGGACGGGGAAAAACAAGGGAGAAAGGAGAA GGGAACGGACAGCCCCGAGGGGGGGAGAAAAAAGGGGAAGAGAGAAAAGA GGGGAGAGGGGGGGAACGGGAAGGCCAATTAAAGAGGGGGCCGGAAAAA ACCGGGGGGGGGGGGGGGGAACCAAGGGGGGCCAAAAAAGGGGAAAACC GGGGAACCGGCCGGAAGGGGAAGGAAGGAAAAGGAAGGGGAAAAAAGGG AAAACCCAGAAGAGGAAAGCAAAAGCAACAATTGGAGGGAAAAAAAAGGC CAGGGAAGGGAGAAAAGAGCAAAAAGAGGAGAGGGAAAGGGGGGGAAGG GGCCAAAAAAAAGGCCAGAAAAGGGGGGGGAAGAAAAAAGAGGGGAGGGG AAACCCGGAGGGGGAAAAGGAAGGGACAGGGGGGAGGGAAAGCCAGGAG AGGAAGGAGGGGGGAGAATAGGGGGAAGGATAGCCGGGGGAGAGACAGA GGAGGGAAGGAAGGGGCCAAAAAGAAAAGGGGGGAAGGAAGGCAAAGGG GGGAGAACCAAGGAAAAAGGGAAAGGGAGAGAAGGGGGAAAGGGAGAAC GGAGAAAGGGGGAAGAAAGGGGGAGGGAAGACGAGAGAGAGAAAACAGG AAAGGAAAACAAAAGGCCAGGGAGCACGAAGAAGGGGGGGCCCAAGAGGA CGGGGAACCGAAGAAAAAGGGGGAGACGGAGAAGGCCGGGAAGGGCCGG AGGGCCAGAAAGAAGGAGGGAGGAAGAGGGGAGGCCGGAGAAAAGAGGG AAAGGAGGGGGGGGGAGAGAAAGAAGGAAGGAAGAAACCAAAAAGGGAG GGAGAAAGGAGGAAAGCCCAAACAAGAGGGGGCCAAGGGAGAAACAAAAA GGAGAAGGAACAACAGGGAAGGAAAAAAGGAAAAAGGGAAGGGAGGGGCC GGGAGAAGAGGAAAGGAACCGGGGAAGGAGGGAAAAAAGGGGCCAAAAAA AA G G G GAA GGAAGGAGAACCGAGAGGGAGGAAAAGGAGGAGGGGGGAGA AA $\operatorname{la} A \operatorname{AGGGAA}$ GGAGGGAAGAAGGGAAGGAGACCAAGGACAACCGAAGA A G GCCAAGGAGGGGGGGAGGGCAGGGGGGAAAGAAAGCCGAGAGAGGGA AAACGAAGGGGGGGGGGCAGGGGGAGGAGGAGAGAGGAAAGGGGACGAG AAAAAGGGGAAGGAACCGGAAGGGGGGAAAACCGGGGGGAAAAGGGGAA GGGGGGAAGGAAGGAACCGGGGAAGGGGGGAAGGCCAAAACCCCAAGGA AGGGGGGGGAAAAAAGGAAGGAAAAGGAAAAAACCCCCCAACCGGAAGGA AAAGGGGCCAAAAAAAAGGGGAAAAAACCCCCCGGAAGGAAGGAAAAGGG GAAAACCAAGGGGGGGGGGAAGGAAGGCCCCGGAAAAAACCGGGGGGAA
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AAAAAAAGAGGAGAAAGAGGGGAGGAACCAGCCCCAAGGGGAAAAAAGGG AAA $\operatorname{A} G \mathrm{G} G \mathrm{G} G \mathrm{GGGGAAAAGGGGTTAGACGAGAGGCAAGAAAAAAGGAGCC}$ GGAAAGCACAAGGGTAAGACCCGACCGGAAGGAGGGAAAAACCCGGTTTT G GAAAAAGGGAAGGGCGGAAGGGGCAAACCGGAAGACCGGGAGACCGAG GGGAAGGGAAAAAACGGGACCCAGAAAAAAACGGGAAAGAGAGAAGGAGA GCAGAGGGGAACCAAAAAAAAAAGGAAAAGGCAAAAAAGAGAAGGGGGGGG GAACCGGAAAAAGAGAGGAGACCAAAGAGCCCAAAAAGGAGGACAAAAGA GAAGGGGAGAAGAAGTAGGAAGGAGAAGAAAGGGAGGAAAAAAAGGAAGA GGGGGAAAGCCGGGGAAAGAGAGAAGAGAAAACGGAGGAGGAAGGAAACA AA G GAGGGAAAAGAGGGGGAAGGAAAAGAAGGAAAGAGGGGAACCGGGG GGCAAAAAGAGGAAGGGAAAAAGGGGGGGGAGAGGGGAAAGGGGAAACA AAAGGGGGGCGAAAAGGAACCAACCAAAAAAGGGGAAGGGGGGAAAAAAC CGGGGAAGGGGAAGGAGGGAAGAAAAAAGGAGGAAAAAACCAAGGGGGG AGAGCCGGAAGGAAAGGAAGATAACCAGAGAAAAGGACGGGGAAAAAAAA AAGGAAGGGGGGAAAAAGGGGGGACCAGACAAAGGAGGGGAACAAAGGCA AAAAGGGGCCGAAAGGGGGGGGGAAAAGAGAAGGAGGGCCAAAAAAAGAA AA $\operatorname{l}$ GAGGGAAAGAAGGAAGGGGGGGGAGGGAAGAAGAAGGGGGGAAAAA AGGAAGACCCCAAAAACAGAAAGCCCCGGAAGAAACCAAGGGAGAGAAGG G G GACAAGAGGGGAGAAGGCCAAGACAGACCGGAACAAGCCGGGGGGAAA AAAGGGGAAGGCCAGAAGGGGAAAGAAGAGGAAAAGGAGGGAGAAGGAA G G G GAAA GAAAGGAGGGGAGAAGGAAAAGGGGAAAAGAAAAATTGGAAAG A GCCGGGGAGGAAAGGGAAGCCGGGGAAAACCGAAAAAGGAAAACAGGAA GACCAGAAAAGGAAGGGGACAGAACCAAAGCCGGACAAAAGGGAAAGGAA AAAGGGGGCAGAAAGAGGGGAAGAGAAGGAGGGGCCGGGAAAGGGAAGA GAAAAAAAGGGAAAGATGGAAGGGGAGAAAAAGAAAAAGAAAAAAGGGGC AAAGGGAGGAGCAGGGGGACAAAAAAAGGGGAAAAAGCAAGAGGGGGGA GGAAAAAAGAAACCAAGGGGAAGACACCGGGAGGAGAAAAAGAAGGGGCC AAGGAGAGAGGAAAGAAAAGAAAAGGAAGAAAAGCCGGAAAAGAGAAGCG ACAGAGGGAAAGAGGGGAAGAGAAACGAGGGAAGACGACCAGACGGGGAA AAGGGGCCGAAAGGGGGGTTAACCAAGGAAAAAACCGAAGAGGGAGAAGA GGGGAAAAAGAGAAAAAAGGGAAAAACCAAAAGGAAGGAAAGGGGGGGCA GAGAGGGACAGGCAGACCGGGGGGCCCCAGAGGGGGCCGGGGAAGGAAA GAGGGGGAACAGACCGGACAGGAACAGGGAGCAAAGGGGAAGGAAAAGGA GAGAAATAAAAGGAGCCAAGGGGGCGGGGGGACGGCAAGGAGAGGAACC GGAAAAAGGGGGAAAAGGGGAGAGGAGGGGGAAAGGGGAAGGAAGGGGA AAAAAAAAGAACCGAGGCACACAAGGGGGAAAAGAAGGGGAAAGGGGCCG GGAATAAGAAAAAAAGGAAACAAAAAAAAAAAAAAAGAGGGCCGGGGGGA AAGCCGAAGAAAAAGCCCCGGAAAACCGGGGACCAAAAGAAGCGCAAAGC AGGACCCGGAGGGAGGAAGACAAGGGAGAGGCAAAGGAAGGGGAAAGAAA AGGCCGAAAGGAAAAGACCGGGAAAGGGAGAGGCCGGGGGGCCCAAGCCG G G G A A A GAGAAGAGGACAGGGGAACAAGGGGAGAGAGAAGCAAGGGACCA CGACCGGAAGAAAAGGGAGGAGGGGAAGGGGGAAACAAAGGGGAGAAAAC CAAGAGACGGGAAAAGGGGAAAGCAAAAGAAAAGAACAAGAGAGCGGGAA AAA $A$ GGGGGGGAGACGGGGGGCCGGGGGGAAAGGGGAAAGGGGGGGGAG GGCACAGGAGAAAGGAGGAGGAACGGGGGGGGAAAAAACCAAGGAAAAGA GGAAAGGGGGAGCAGGAACAAAAGGAGGAAAGGGGGGAAGTTAAGGAAG GAAGGGGGGAAGGAAAGAAGGGGCCAAAAAAGGAAAAGGGGGAAAAGAAG AAGAGGAGAGGGAAGAAAGGAAAAAAAAACCCCGGAGAGGGAAAACCCCA AAGCCAAGGTTAAAAGAGAGACCAGGAGGAACAAAAAAGGAAAAGGAAGA GAAGGGGAAAGAGACAGGGCCAAAAAAAAAGGGAGCCAGAAAGAAAGCAG A G G G GAGGGGGAGAAGCGAAAAAAGCCGGAGAAGAAAAGGGGGGGGGGA A G G GAA $\ln$ G GAGAAGAAAGGAGGAAAACCGGCCAAAAGGGGGAGAGAAAGA G GAAAGACCCGAGGGAGAAAAAGGGGGGACAACCGACCAGAGAGAAGAGG A GCCGGGGGAAGAGGACGAAAGGGGGCCAGGGAGGAAGAGCGCAGGGGA AAAAAGGAAGGGGGAAGAGGGAAACAAGAGAAAAAAGAGGGCCGAGGGGG GGGGGGGAGAGAGCAAAGGGGGAAGCCGAGGGAAGAAGGAAGACAAAAA GGGGGAAACCACAAGAAAAGAGAACCGACCGGAGGGAGGAGAGAGGAAGG GAAAGAAAACGAACGGAAGGGGAGAGAGAGGGAAAAGGAAGAGGCCGGAA G GAGGGGGCCGGAATTAAAAAAACGGAGGGAAGGAAAAGGGAAAGAGAAG GAGGGGGGAGGGCCGGACGAAGAAGAAAGGGAAGGAAAGGGGGGCAAAA ACAGGGAAAAGGGCCAAGGGGAGAAGGAGGAAGGGACGGGGCCGGAAAA

GGAAGGAGGACCAAGGAGGGCCGGAGAGGAGAAAAA
$22031000-9$ AAAGGGCCGGGGAGAGAAGGGGGAAAGAAGGGAAAAGGAAGC CCCCAAGGGGGGCAGGAAGGGAGGCCAAAAGGAACCAAAAGGGGAAAAGG AACCGGGGAAGGCCAGAGCCGGGGGAGGCCAAGGAAAGAGAAGGAAGGAA AAAAGGGGAAAGAAGGAACAAAGAAAGGAAAGCCGGGGCCGGAGGAGAGA AA G G GA GAAAACGACCGGACCAAGGAAAAGGGGAAAGGGGGGCCAACCGG GAGGAAAAGGGGGGAGGGGGGGAAGAAGGGGCGGATAGGAAGGAGGAAA AAAAACCAGGAAAAAGGAACCAGAAGGCAGGAAAGAAGAAAGGAAGGGGA A G G G GAAGGAAGGCAAGACAGGGGGGGAGCAGAAGGACCAAAAAAAAAAA GGAAGAAACAAGCGGGGAAGGAAGGAACCGGAAAACCAGAGAAGGGGAAG GAAAAGGTTGAAGAAAGGGAAGGAACCGAGGAAAAAAAAATCCGGGGCCG GAGCAGAAGCAAGAAAGGAAACAGAAAAAAAAGAGCAAACCGGAAGAGGA AGGAAAGGAAGGGAAGAGGGGCCGGGGGGAAAACCAGAAGAGAACGAACA GACGGCAGGAAAACAGGGAAAAAGGGGGGGGGGAAGAGAGGAACCGAGA GGAAAAAACCAGAAAGAAAAGAAGAGAGAAAAGGAAAAGGAGAGGACCAA GGAAAAAAGGGGCAGAGGGGGGGGAACCGGGGGGGGGGGGAAGGAAGGC CAGAAGAAAAAGAGGAAGGAAGGAGCCGAGGAAAAGGCCGGATGGGGAAG G G G AAAAACGAGAAACAGAGAAGGAAAAAGGCCAAAAGGAGGGGCGAAAA G GAGACCACAAGGAAGGGACCGGGGAAGGGGCCAGACAAGGACGGAAAAG AGGAAAAAAGGACAGAGAAAAAAGAAAGGCAGGAAAAGGGGCCAAAAGGA GAAGGAAGAAGAGAAAACCAAAGGAGAGAAGGGACAAGAGGAAACGAGAT AACAGAACGAAGCAAGAGAGGGGGAGGGGAGACGGGGAAGGAAGGAAAA GACCGAAGAAGGATAAGAAGAGAACCCAAAAAGACAAAAAGGAAGGAAGG GGGGAAGACCGGGGAAAGGGCCAAAAAACCAAAGGGGGGAGAAAGGAACC GAGAAAGACCAGCCAGGGAAGGAAGGGGGAAGAGAGAGGAAGAGGAACAG CAACCAAGAGGAGGAGGAAGAAGACCCCAAAAAAAAGGGAGGGAGGAACC AA GAACAGGGGGAGCAAAAAGGAAGAACGGAGGGGGAGAAAAGGGAAGG GAGGGCAGGGGGGAAAACCGAGAAAAAAAGGGGGGAAAAGGCCAAAGAGA AGGGACAGAAAGGGGAATAACGGGGGGCCAAAGGAAAAAAAGGGAAAAGA GTAGGAGCAAGAGAGCATTGGCAAAAGAAGACAAAGGGGAAAACAGGGAG GGGAAAGAAAAGGTTGGGGAAGGGAAAGAAAAGACAAAGGGGGAAGAAAC CGGAGAAGAACAGGGGGAACGGGACGGCCAAGGGGCCAGAGCAAGAAGGC CGGACGAAAAAACCCAGAAGAAAAGAGGAAGGACAAGAAAGGGGGGACAG G G G G G G G A TAA $\ln$ GGGGGGGGAGGAAGGAAAAGGAAAAACAAAGGATAAA GGAAGGAGAGAGAAGGAGAGGGAAAGGGAAGGGGGGGGGGGGAAGGAAA AAAGGCAAAAAGGGACCGGGCGGAAGAGGGGAAGGGGGGGGGGGACCGG G GAGAAAGGAGAAAAAAACCCCGGAAAGAGAGCCGGGGCCGGAAAAAAGG AA G GAGTAAGGGCAAGCCAAGGGAGGAACCAAGGAGAGAGCCGAAGGGGG G G A A AA GAACAGAGGGAGAAGGAGAAAACCAAAGGGCCCCGAGAAAGAGA GAGGATCAAAGGAACCGGGGGACCAAAAAAGGCCAGAAAAAGGAGGGGGG AGGAAAAGAGAAAAACGGGGAAAAGACCGGGGGGAGAGGGAGGAAAGGG GAAAAAAGGCCGAACGAACAAAAAAAAAAAAAAAGGCGAGAGAGGAGGAG GGACAAAACAAAAGGAAAGGAAAGGGGGGGGCCGGGGGGGGGGAAGGGA GGACGCAGGAGGAAAAGGAACCGGAAGGAACCGGAGGGCAAAACGGGGG GAGGGCAGGCCAAGGAAGAAGGGGAGAAAAAAAGGAAAACCGGAAGGAAA AAACAAACCAACCGGGGGGCCAAAAGAAGCCAAGGGGAAGGGAGGGGCCG GCCAAAAGGACCAAAAAGGGACCGAAAGGGAAGGAGGAAAAGGGAGAACG AAGGGGAGGAAAAAGGGACAGGGAAAAGAGAACAAAGGACCGGGACCACA GCCGAGGGGAGGGAAGAAAAAAAAAGGCCGGGGACGGGAAGAAAAAAAGA AGGGGAAAAGGCCCCCCCCGGCAGGGGAAAAAGAAAGGAGGAAGAAGGGA AAAGGGGGGAAGGAAAACCGGCAAGAGGAGAGGCCAAAAAGCAACGGAAA ACCGGAGGGGGGGGGGGAGGGCCAGAGACGGGAGGAAAGGGAAAAAGAA AGAGCCAAGGAAGAGAGCAAAGAGACGAAGAAGGAAGGCCGAACAGAGGA ACGGGGAAGGGGGGGGGAGAGAGGGGGGGAAGGGTTGGATGAGGAAAAA AAACACCAGAAGGGGAAAAGGCAGAAAAGGGAGAACCGGAAGGCAGAAGA G GAA $\ln$ CAAAGGGGAAAGAGACAAAGGGAGGGCCGGGGAGCAGGAAAAAG GATTAAAAGGAAAAGGGGGGGGAGAGAGAGAGGAAGGGGGAAGGAAAAA CAAGAGAGAAGAGCCAGGGAAAAGGGACAGGCATAGAAGGGGAAGACAGA AGAGAGGAAAAAGAAGGACAAGGAAAAGGAGGGAAGGAAGGGGGAGGAAC CAAAAAAGGGGGGCCAAAAGGAAAGAGCAAAGGCCAAAAGAGGAAGGACG GGGAAAGGGGAAAAAAAAAAAAAAAAACCGAAAGGGGGGGAAAGGAAGGA

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 GGGGAGAACAAGGGAAAGAGGGAGAAAAAAGGAGCCGGAGCCGGGGAAAA GAGGGGAAGGGAGGGGAAGGAAGGGGGGGGAAGGGGGGAAAAGACCAAC CGGGGAAAAAAAGGGAGAAAAGAAAAAGGGGAAGAAAAAGGAGGGAAAAG GGAAGGAGGGAAAAAGGGGAGGAGGGGAAGAGGAAAAGGAAGGGGGGGG AAGGAAAGAGCAGGAGGGGGAAACCAGGGAGGGAGAAGGGAAGGAAAAG GGGCCAAGGATGAAGACCGTAGAGGAAGGAAAAAAGGGGGGAGAAGGAAA AAGAAAACCGGCCAAAAGAAGGAAAGGGAAAAGATGAAAACGGGGAATTG GAAAGCCGGGGAAGGGGGCGGAAAAGGAGAGAAAAAAGGAACCGGAAAAA GGAAAAAGAGGAAAACCAAAAGGAAAAGGGGGAGAGGAAAGAAGAACAGA TGGGGGGAAAAAAAAGGGGAAGGAAAAGGGGGGAAGGGGAAAAGGAAAA CCAACCGGAAAAGGAAGGAAAAAAAAGGAAGGCCGGAAAAAAGGAAGGGG AA G G G GAAGGTTCCAAGGTTAAAACCGGGGAAGGGGAAAAGGAAAAGGAA GGCCCCAAAAGGAAGGAAAACCGGGGGGAACCGGAAGGGGGGAAGGGGA ACCGGGGGGGGGGAAAAGGAAGGGGGGAAAAAAAAGGCCAAGGAAAAAG GGGGAAAAAAGGCCAACCAAGGAAGGCCCCGGAGAAAAAAAAAAGGAAAA AA G G AAAACCAAGGGGGGAAGGTTCCAAAAGGCCCCAAGGAAGGCCGGGG GGCCCCAACCGGAAGGAAGGAAGGAAAAGGAAGGGGGGGGAAAAGGAAG GAACCGGGGGGCCGGAAAAGGGGGGGGGGAAAAGGAAGGGGAAAAAAAA AAAACCGGAAGGGGGGAAGGAAAACCGGCCAAGGCCAAGGGGGGCCGGG GTTAAGGGGAAGGGAAAGGGGAAGGAAAAAAAAAAGGAAAAGGAAGGAAG GCCAAAAAAAAAACCGGAAGGGGCCGGGGGGAACCGGGGGGGGGGAAAA GGAAGGGGGGGGAAGGAAAAGGAAAAGGAAGGCCGAAAGGAAAACCGGAA G GAAGGGGAAAAGGAAAACCGGAAAACCAAGGAAGGGGAACCAAGGAAAA G GAA G G G G G GAA G GCCAAAAAAGGCCAAGGAAGGGGGGAACCGGGGGGG GCCGGAAGGCCGGGGAAGGGGAAAAGGAAGGGGCCGGCCGGCCAAAAGG AACCGGGGCCGGAACCAAGGAAGGCCGGCCGGGGAACCAAGGAAAACCGG G G A A G G G G G G G G G G A A G G A A G G A ACCGGGGGGAAGGAAAAAAGGGGAAA AAAAAAAAAAAGGAAGGAAGGAGACATGGGGAAGAGGAGAGGGAACCAAG AAGTAAAAAAGGGCACACCCCCCAAAAGGCCGGGGAACCAAGGGGGAAAA AGGAGGGCGAGAGCCAGGGGGGGAAACCCAGAAAAAACCAAAAGGAAAAA AAAGGAAACGAAAGAGGGATAGGGGAAGGAGAGGAAGAGGGGGAGGAAC A GAACCAAGGGGAAGGGGGGAAGGAAGGAGAACCAGAGGAAGGAAGGGG CGAGGAGAAACAGGGCCAGGGGGGGAGAAGGAAGGGGGGAGGGAAGGAG CCAAGAAAGAGAAAAAGGAAACGGGGAACCCCGGAAAAAAGGGGGGGGGG AAAAAAAAAAAAAGCCGGGGAAAAAGAAAAAGAAGGCCGGGGAGGAGGGG A GAAGGACAAACGGAGAAGGACGGGGGGGGGGGGAAAAGGCCAGAAGGA GGGGAAAGGGGAGGGAAGAGGCCGGGACAGAGAAGACGAAAGGCCAAAA G GA G G G G G G G G G G G G G G G AA G G G GACGGACGGCAACGGGGGGCCAAAAG GGGAAGGGGAAAAGAAGGAAAAGAAGAAAAAGGACGAAGACGGAAGGAAA GAGGAGGGGAAAAAGAGGGGGGGGGGAGGGGGGCCAAAGGGAACCTTCA GAATAGGAATAAGGGGGGAAAAGGGAGGGGAGGAGGAGAAGGGGGAGGG GCCAAAAGGCCGGGGGGGGAAGGGGAGCGGCCCAGGAGGAAAAGGAAGG GGAACCGAAGCAGGAGGACCGAGGAAGGCCGGAGCAAAGGAAAAGGCCAA AGGAGAAAGAGAAGAGGGAACAGGCCGAAAAGAGGAAAAGCCAGAACCAA G G G G A G G G G G AA G GAAGGGACAGAGGGGAGGAGAAGAAAAGAAGAGAAG GACAGCCGGGGAAGGAACCAAAAGGGGAAAAGGGGAAGGAAGGCCAAAAA AGGGGAAAAGGAAAAAAAGAAAAGGCCATACACGGGAAAAAGGGGAAACA AA $\operatorname{l}$ GGATAAGGGGGAGGAGAAAAAAAGGAGAGAGGAAAGCAGAGGAGGG CAAGAAAAGAGAGGAAAGAAGGAGACGGAACCGGAAGAAAGAAACCAAGA ACACAAGAAAGACAGAAGGGAAGGGGAAAAGGGGGGGGAAGGAGAGAGA GCCGGAGGGAAGGGGGGACAGAAAAGAAAAAAAGAGGAAAAAAAGGGAAA AAAGGAACAGGAAAAAGGGAAAAAAGGGGAAAAAAGAAAGAGGGGGCAAG GGAGAGGGAAAGAGGAAAAGGGGGGGAAACAGAGGAAGGAAGGAACAGG GGGGAACCGGGGAACCAGAGATAAGGAAAGGAGAGGGGAGAAGGGGGGG AGGAGAGAAAGGGACGGCCGAGGGGCCCCCCAAAAACCCGAACGGAAAAG

G G G GAGGGGAGGGAAGGAAAAGGAAGGAGGGAAAAAGAAGGGACCGGAG AAAAGGAGAGAGGGGGAAAGACAGGGGAAAGGGGCAAGGAAGAAATAGAG AAGAGGAGAAGGAGAGAAAGACAAGAACAAAAGGAAAAAACCAAGGGAGG AGGGAGAGAGAGAGACAAGGAACCAAAAAGGGAGGGAAGAGAAGAAAGAA AGAAAAAGAAGGCCAAGGCCCCGGAGAGGGAAAAAGGAAAGAGGCACCGA AA $\operatorname{HA} A \operatorname{GGG} \operatorname{GAAAA} \operatorname{AGGGGGGGGGAGCAAGGGGAAAAAGGCCCCAGGGAAG}$ AGGAGAAGGGGAGGGGGCCAGAAGAAGAGAGAGAAGGAGAACCTTGGCCC CAGAAACAACAGAAAGGGGGAAAAAAAGGAAGAGGAAGAAAAAGGAGGGG AAAGGGGCCGGCGAGGGAAAAACGGAGGGAAGGAAAGGGGGGGCCAGGA AA AACCGGGGGGCCGGGGGGGGAGAGTTAAAAAAAGAGGAAGGAGAACCA AAAAAAGGAAGGAAAAGAGAAGACGCGCGGGAAAGACAGGAAGGAAGGAG GAATAGAGGACCGGAAGGACACGAAAAACCGGAAGGGGGGAACAAAAGGA AAAAGGAAGGAAGGTTAAAAAAGGCCAACCGGAACCAACCAAAAAACCAA GGAACCGGGGGGGGAAAAAAAAGGAAGGAAAACCAAAAAAGGGGAACCCC AAAACCCCGGAAGGAAAAGGGGTTAAGGAAAAGGAAGGAAGGGGAACCGG GGAAAAAAAAGGAAGGGGGGTTGGAAAAAACCAAGGGGAAAAGGAAAAAA G G G G G G A AAAAAAAGGGGAACCGGAAGGAAGGGGGGAACCAAAAGGGGG G G GAA G G A ACCGGAAGGCCAAAAAAGGGGGGAAAAAAAAAAAAAAGGAAA AAAAAGGGGGGAAAAGAGAAAGAGAAGAAGAGAAAAGAGAGGGGAGGAAG GAAGAGGAGGGAAAGACGGAAGGGACCCCGGAGAAAGAAGAAACAGGGGA CAAAGAGAGAGATGGACGGGGAAGGGAAGGAAAAACGGGAAAAGAGACAA AAACCACAGAAGGGGCCAGGAAGACGGAAAAGGGGCCGAAGCAGGACAAG GAAGGAACCGAGGAAAAGACAGGCCGGGGAAAAAACCGGGGGGGGAAAAG GGGAAAAAGCCGAAGACGAAAAAAAAGAACCTAGGGGCCAGAGGGAAAAA GAGGGGAAGAAGAAGGGACGGGGGGGGGGAAAAGGTAAGGAAAAAGGGG AAAAGGAGAGGAGGGGAAGGAAAAGGGGGGAAAAAAGGGAAAAAGGAAG GGGGGGGGGAGGAGGAAGGCCAAGGCCAGGAGAGAGGGGCCGACAAGAC AGAAGGAAAAGGAAAAAAAGTTAAAGCCAAAAAAAAAAAAACAAAGAAACA AAACAAAGGGGGGCCAAGGCCTTCCAAGGAAGGAAAAAAGGACGGGGCAG AGGGAAGAAAAAGAAGGGGATGGGGAAAGAGCAGGAACCAGAAGACCGAG AA $\operatorname{A} G \mathrm{GGGGAGGGGGGCCATAGGAAGAACCGGAGAAGGGGGGAAGAAGAG}$ GGAAAAAAAGGGGGGGAAAAAAGAGGGACAACGAAGGAGGGGAAAGACCA CCAA G G G G G GAGGGAGCAGGGGGGAAAGAAAGGGGGGGAAGACCAAAAA C GACCGGAAGGAAAAAGGAGACCGGAAAAGGCACAGGAAGGAGCCGGGGA AGGAGTAAGAAAAGGAACCAAGGAAAACGAGTAGGAGGAAGGAAGAGAAA GCCAAAGAGAAAAAAACAGAGGAAAGACACATACCGGGGAAGGTTAAACA CAAAGGACCAAGAGGGGAGGGAAAAAGAACAAAGGAAGGGGAGAACAGGA A G GAA G G G G CCAACCCAGGGGAAAAAAAAGGGGAGAAAGGGAGGGGGGG AA G G A A G G A A G G A A A A A A A A GGGGGAAAAAAGGAAAAAAAAGGGGAAGGGG AA G GAAGGGGGGGGAAGGGGAAGGAAAAAAAACCAAAAGGGGGGGGGGA AAAAAGGAAGGGGGGGGGGTTGGAATTGGGGGGAAGGAAAAAAGGAAGG AAAAAAGGGGCCAAAAAACCCCAAAAAAAAGGAAAATTTTCCAAAAAAGGA AAAGGAAAAAAGGGGAACCGGAACCGGGGCCGGAACCGGAAAAGGGGGGA AAAAAGGGGAAAAGGAAAACCAAAAAAAAGGAAGGGGGGGGAACCGGAAA AAAGGGGAAAAAAAAAAGGGGGGGGAACCGGGGGGGGAAAAGGAACCAAG G G G G G G G G GAAAAGGGGAAAAGGAAAAGGGGAAAAAAAAAAGGAACCGGA AAACCAAGGTTCCAACCGGCCAAAAGGGGAAAAAAAAGGGGGGAAAAAAA A G G G G G G G G A A G G G G G G G G A A A A G GAAAAAAGGAAGGGGAACCAATTAA CCGGCCGGGGAAAAAAAAAAGGAATTGGAAAAGGAAGGGGAAAACCAAGG AA G GAA G GCCCCAAAAAACCGGGGGGCCCCGGGGGGAACCGGAAGGAATT G G G G G G AAAAGGAAAAAAGGGGGGGGAAAAGGAAAAGGTTAAGGAAGGG GAAAACCAAAAAAAAGGTTGGAAGGCCGGGGGGCCGGAACCGGGGCCCCC CCCTTGGTTTTGGAAAAGGAAAAAAGGAAGGGGGGCCCCAAAAAAGGGGG G G G G G G G G GAAAAGGAAGAAACCGAAAGGAAGGAAGGCCGGGGAAGGAG AAAACAGGCAGACCAAGGGGGGAAAAGGAGGGGGAGAAGGGGACAAAGAT G GAAAACAGACCAGGGGGGGAAAAGGGGAAAACAAAAGAGAGAACAGAAA GATACCAACCAGTTGGAAGGCAGGGAAAAAGGAACCAAAAAGGGGGAAAA
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AA $\operatorname{ACCGGAGGGAGGGGGGAGGGAGGCGGAAGGGAAGGGGCCGGAAAACC}$ A GTAGAACGGCCGGGAGAGGAAGAAAAGGGAGAGAGCCGGGGAAAAAAGG AAAAAAGGAGCAAAGAAGCCAGGGAAGGAAGGGGGGAAGGCCGGAGCGCA GAGAGGACGAAAAAGGCCGAGGCCAGGGCCAAAAAAGGAAAGGAAGGGAG AGGGAAAGAGAAGGAAGAGACCAAAAGGGGCCGGAGAAGGAAAAATGAAA AACCGGAAAAAAGGGGGGCAAAAAGGAAGAAAAACCCCGACCAAGGGAAG GAAAGGAACCCCGAAGGAAAGGCCAAAAAACCAAAAAAGGCCGGAAAAAA GGCCAAAAGGCCGGAAAAAAGGCCGGCCAAAAGGACAGAAGGGGGAGAGG AGGAAGAGGAAGCATAAGAGGAGAAAAAAAAACCAAGGAAGGCCGGGGCC G G G GCGAGAGGGAACCGGAAAAGGAACCAACCAACCGGGAAAGAGGAGGG GGCCGGCAAACAGGAAGGGGGAATGAAAAACCCCGGCCAGGAGGGAACCC GGGGAAAAAAGAAAAAAAGAAAAAAAATGAAAAAAGAAAAGGGGGGAAAG G GCAGGCCGGAAGAAGGGGGAGGGCCGGGAACAGCCGGTAGGGAGGCCA GAAGGAAACGGGAGGAGAAGGGGGGAAAAAGCCAGAGAAGGAAAAAAGAG GGAAAAAATCAGAGAAAAAAAGGGGAAAAAATTGAAAACGGAAGAAAAAA AAAGGGGCCCCGGATGGAACACAAAGGGGCCAAAGGAGGCGGGCGCCGGA A G G G G G G G G AAAAGGAAACAAGAATGAGAAGAAAAAGGGAGAAAAAGGGA AAAGAATGGGAAAAAGGGAAAGCGGAAGAAAGGAGGGGGGACCGGGGAAC CGAAGCCAAAACCAACCAAGGGGCCAGAGAAAAAAAAGGGGGAGGGGAAG GGAAACCGGAAGGAAGGGAAGAAAAAAAGAAAAGAGGGGACCAGGAGAAA AGGACGGGGCCAAAAGGACGGAAAATTGGAGCGAAGGCAAAAAACGACAC CAAGGGGGACGAGAACCAATTAAAAACAGAAAGAAGAGGAACAGAGAGAA G G G G G G GAGCCGGGGGAAAGGAAGAGGCAGGAAAAAAGGGGAGGAGAAA GAGGAAAGCCAAGGGGAGAACACCGGGGCCAGAAAGAGGAGGGGAGGAG ACAGGAAAAGGAAAGCCAAAAAGCCAGAGAGTTAAGGAAGGGGGGCGAAG G G AA GAAAAGGACAAGGGGAGGGAAGAGAAGAAGGAGGCGGCAAGAGGG AGAGCCAAAAGGGGAAAAGGGGGGAGGAGGGACCGGGGCAAAGGAGAAG AAACCGGAAAAGGAGCAGGAAGGAACCGGGGCCAGGGCAAAGGGGAAGGG GAAAGGAAGAGGGAAAGCACCAAGGGCAGGGCAAGGGAAGGGGAGAAGAC CCCAAAGAGAAGGGGCCAAGGAAAAGGAGGAAAAGATCCGGACGGGGGGA AA $\operatorname{A} A C G G A A G G G G G A A G G G G A A A G G G G A A A A A G A G A C A G G A A G A G T A A A G ~$ AAGGAGAGAAGGGACAAGAAATTGGGGAAGAGGAAGGTAGGGGGAAAAGA A G G G G G GCGAGCCTTGAGGGGGGAGAGAAGGAAGAACAGGGCGCCGGAA CCAGAAGAAAAAGAAAAAAGACAAAAACGAGGGAAAGGAATTCCCAGGAA CGAACCAGGGAAGGACAGGAGGGGCCAAGGGGGGGGCAAAGAGAGACCTT AAAAGGAAGGGGGGAGGGAAGGAAGGAACCAAAAAGAAGAAAACCCGACC GGAGGAGAGGGGCACAAACACAAAAAAAAAAACCCAGGGAGAGGGGAAGG AA G GAA G GAGAGAGGGGAAGGGAAGGGAAAGGGGGGAGAACCAAAGGGA A G G G GAGACGGCCGGAGGAGGAGACAGCCAACCAAAAGAGGACGGGGGG A GCACCGAGGCCAAGGGCAAAAGGAAAAAGCCAAAAGGAAGACCGGGGGG GAAAAAGGGGGGAAGGGAAAAGAAAAGGGAAAGGAGGGGGAAGGGGGGA AA $\operatorname{G} A C G G G C G G A G A G G G G G A A C C G A G G A G A A G A G G G C A G A G A A G G G G A A$ AAAAGGAAGAAGGGGGAAAACCCCCCGGAAAAAAAAAGGGAAGAGGAAAA GGAAGGAAAAGAAGAACCGGGGACAAAGAGGGGAAAAGGAAAAGGAGAGG GGAAAAAAGGGGGGAGCCGAAGGAGGGGGGGGAAGGAGAGGAAGAAGAG GGAAAAAGAGGGGAAAAAAAAAAACCCAAGGAGGGGGAAAAAAAAGGCCA A G G G G G G G GAGAAGGAAGGAGGGGAGGGGAGCAGAAAAAGGACGGGAGG GAAAAGCCAAGGGAGGAGACGGAAGAAAGGAAGGGAGACCAGGGAGAAGA GAGGAGACGAGAGGACAAGAAGAGAAAAAAGAGGCCAAAGGGGAGGGGG GAGGGCCGGGAAAAGAAGGAAGGAAGGGGAAGGAGGGCCGAAAGAGAAA AAAGAAGAACAAAAAGAAGGGAAAGGGAAAACAGAAAAGGAAAGACGAGA CCAAAGAGAACCGGACAGGGGAGAAGACGGGAAGCCGGGGGGAAAACCGG AA G G G G G A GAAAGGTTGGAAGAGGAAAAGGACAAGGGAGAAGAGCCACAG GAGAAGGAAAGGGGAAGGAACCAACAAAAGGAGGGGGGGAAAAGGAGGAA AAAGAGGGCAAAAGGGAGAAGGGGAAAAGAAGGGGAGGAGAGGGAAAGG AAAAAGCGGGGGGAAAAGGGGAGGGGGCCAAGGAGGGGGAAGGCCGGAT GGGACCAAAAAAGAGGGAAAGGAAAGAAGGAAGAGGAAGAAACAGAAAGG AGGGAGAGAAAAAAAGAAGGGGGAGGGGCGAGAGCCGGCCCCGAGAAAG GGGAAAGCAAGGGGGGAAAAAAAAGGGAGAACCAGGAAAGGGGAAGAAGC CGAAAGGAAAAAAAAAAAAAAAACAGGAAGGAAGGGGGGGGGGGGGGGAG GAGGGCAAGCGAGGGCCAAAACCAAGGAAGGAAAAGGGAAAAGAACCGAA

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 AAAAAGAGCCAACCCCAGGAAGGGAAGGAAAAGGAACCGGAAGGAAGGAA AA $\operatorname{l}$ GAAGGGGAAAGGGAAGGGGGAGGGGAGCCCCGAAGAGAAGGGGGGG
 GAGGAAGGGGAGGGACAGCAAGGAAAGGAGGAAGAAGGGGAGAGATAAG GGAGACCAAAACAGGGGAAAGGGGGAGGGGGAAAAAAAGGAAAAGAAGGA AAGAAACATAATTGGCAAGAAAAAAAAAAGGAAAAGGAAAGGGGGAAAAA AAAGGGGGGGGAAAACCAAAAAACCGGGGCCGGAACCGGGGTTAAAGGGC AAACCCAAACCGGGGGGAAAAAAAGCAGGAAAAAAGGGAGGAAAGGGAAG GCCCCAACCAAAAGGAAAAAAAGGGGAGACAAGAAGGAAGGAAAAGGAGG AATAACCGGCCGGAACCGGAAAAAGAGAGCAGGAGAAAGGAAGACGGGGG GGAAAACGGGCGGGGAGAGAAAAGAAAAGGGGGGGAAGGGAGAATGGAG
 AACCAAGGGGAAAAAAGGAAAATTGGAACCGGAAAACCCCAACCGGAGAA AAAAAACCAGGAAACCGGGGGGAAGGGGCCAACCGGAAAACCGGAGGGAA AA G G GAAAGAGGGGAAAAGGAGAAGGAAGAGGAAAGGGAGAACCGGCGG GAACAAGGAAGACGGAAGGAAGGAAAGCCGGAAAAAAAAAAAAAAAAAAC CGGAGAGCAGGGGAAGAGAAAAGACAGAAAGGAAGAAAGGGGGGAAAACC CCAGCAAAAGGGGGGAGAAGGGGGGGGAAGAAAAAAAAA的的GGGGGAGG GAAA GAAAGGCAGGGAAGCCGGGGGGAAGGAAGGGAGCGCAAAGAGAAG AGGAACAAGAAAAGGAAGGGGAAAAGGGAAGAAGAAAGAAAGGGGGGGG GGGGGGAACCAAGGAAGGGGACGAAAGGCCGGGAAGAAAAGAACAAGGG GGACAGGAAGGGGTTGGAAAACAGACAACAATAACGAGAGGAAAAGACAG GAGAACCAAAGGGAAGGGGGGTTAAACGAAGAGGGGGAAGGGGGGAACC GGAAAACCAACCGGGGGGCCAACGGAAGCAGGGGGGGGGACCACAAGGAA AGCAGATTGGGGGGGGGGAAAAGGAAGGAGGAGGAAGAAACCGAGAAAG G G G G GAA GAAAGGGGAGAAAAAGAAAAAACCAAGGAAAAAAAAGGAGCCA GG GACAAGGACGAGGAAACAAAGAGAAAGAAAAAAAAAAAAGGGAGAGGA AA $\operatorname{la}$ A $\operatorname{ACGAAACCGGGGGGAGAAGGGGCCGGAGGGAGAAAATTAGGAGAA~}$ G G AAA G G G GAGAAAAAAGAGGGACCAAAAGGAAGAGGACGAGGAGAAGAA G G G G G G A A AAAGGAGAATTAAGAAAAAGGAAGGGGAAAAAAAAAAGGAAC CCCGGGAACCAAGAGAAGGGGGGGGGGAAAAAAGGGAAAAAGAAGGAGAA AACAGAAGGGGGAGGGGAGGGAACCAAAAGGGGCAGAGGCCAAGACCAGC CCCAAAAAAAGGAGGGGTAACGGTTAAGGAAAAGGGGGGGAGGAAAGAAG GAAAGAAAAAACCGGGGGGGGGGGGAAAAGGGGAGCAGGGAAGGAGAGG AACGGGGAAAGGAAGGAAGAAGGGAAAACAGGGAAAGGAAAGGGAACCAA GAGAAGAGGGGACCGAGGGAGGAGGGCAGGAAAAGGCCGGGGGGAGCCA AGGAAAAAGGACCAAACAAAGAATTAAGAGAAGAGAGAAAAAAAGCCGGG GGGAAGGAAAAAAGAGGAGGGAGAGGGAGAGCCGAAGGGAGAAGGAGAC

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AA G GAGGGAAGGGAAGACCAGGGGGGGGGGCCAAGGGAGGCCGGGAAGA GACGGCCGAACGAAGAACAACAGACAAACAACCGGGATAAAGGCCGAAAA AAAGGAAGGGGGGGGGGGGTTAACCGAGGAGGGGGGGAGGGGGGGAAAA AGATAAGGGGGAGAAGAGAGAGGGAAAAGGAACAAAAGAGAAGACCAAAA AAAAAAAAGGCCGGAAAAAAAAAAGGGAAGGAGAAACAGGAGAAGGGGCC GAGGGGAGAGCAAGACGGCCGGGAAGGGGGAAGAGGGGAAGGGAGGTAG AA G GAAAAGAGAGAAAAGATTGAAAAAGGGGGATTAACCGGCAGGAGAGA ACCGGGGGGATCCGGAAAAAAAAAAAAGGAAAAGGAAAAGGGGGGCAGAT A G A G AAA G GAGAAGGGGGGCCAAAAGGAAAGAGGGGGGGAAGAGACCAA GACGGGGAAGCCGGAAGGGGCAGGAGAGGGAAAAGAGAGGTTAAAGAGA GAAGGGAGGACGAAGCCCCGGAAAAAAAAAAGGGGGACCAGCAAGAACCG GAGGACCGGGGAGGGAAGGCCGGAGGGGGAAAAGGGGCCCCGGGGACAA GGGGAAAGAAGGAAGGGACCCCAAGGAAGGGGCCAGGGGGGGGGAAAGG GAAAGGAAGGGGAAAGAAGGAAGAACCAACCGGAAAAAGAAAAAGAAAAA ACAAAAAGGAAGAGGGAAGGGGGAAAAGAAAAAGGAAAAAAGGGAAACAA AGAAGGAACCAAGAAGGAAGAAAGGAGAGAGAGACGAAGAGGGGGAAAGG GAGGGAGGGGGCCGGGGGGAGCCGGACAACCGGAAAAGGGAAAGGAAGG A G G G G GCCGAAGAAGGACGGAAGGACAGGAAAGGAAGAGGACAGGAGACC A G G GCCGGAAGGAAGGGGGAGAAAGAGGGGGAACGAAAGAGAAACCGAA GCCGGCCAAAAGGGGGGGAGAAAGGAAGGGGGAGGGGAGGGGGAGGAAC GACAAAAAAGGAAAGGGGCCAAAAGAGGGGGAGAAAGGAAAACAAGGGAA GGAAAAAACAAACCGAGAGAGGAACGAAGAAACAACCCGAAGGGGGGGAA ACAGAAGGCAAGGGGACCCCGGGGGGAAAAGAGGGGGGGGGAGAAAGGC GAAGGAACGACAAGGGGGGGGAAAAAGAGGAAGGAAAGAATGGGGAGAAA AAAAAGGGGAAGGGGAGGAACGAAGACGAGAAAAAAGACCCGGCCCAAGA AAAGGAAAGCAAAGGAAGGGGGGAGGAAAAACCGGGAGGGGAGAGAAAAA AGAAAGAAAAGAAAAAAGGACAACCGGCGGGGGAACCGGGGGGAAAAAAG GGGAAAAAAAAAAAATTCCAAACAGCCGAAGGGAGAACCAGAAGAGAAAA AAGGAGGGGGGAAGGAGGACCTTAAGGAAGGAAGAGAGGAAGGAAAAGG GGAAGACCGAAGGAGGAGGGCCGGAAAAAGGGGGCCGGGAGGGAAGGGA AA $A$ AA G GAAAAAGGAGGGGCAGGAAGGGGAAGGCAGGGGAAGAGGGAGA AGGGGAAAAAAAGGGGGGAAGGGAGGAAGAGGAGGGGGCCAAACGGAAA ACCGAGGGGAAAGGGGGGGAAGAAAAAAAAGGAAAGGGGAAGGGGGGCC GAAACCGGGAGGGACCGGAGGAAAAAGGGACCGGCCAAAAAAAAAAGAAG GAA G G G G G A G G A A A G G G GAGGGGGAAAAGAGAAGAGACAGAGCCAAGGC CAGCACAGGCCACAAGAGGGGAAAGGGGGAAGGGAAGAAAGCCGGAGGG G G G GAAGGGAGGATAGAGAAGGGGGGCCAACCCAAAAAGGAACCACAGGG AGGGAAAACACCGGAAGGAGGGAAAAAACGAGGGGGAGCAGAGGAAGAAA AAAAAACCGGGGAAAAAAAAGGGGGCAGAGAAAAGGAAGGCCAAAAGAGA AAAAAGGGGGCCAAAACAAAGAAAAAGGGACAGGGGGGGGGGAAAAGGGA CCCCGGGGAAGGAAAAGGGGGGGGGACCGGGGAAGGAAAGGAGGAAAGG GCAAAAAAAGGAAAAAGAACAGGGAAAGGGGGGGGAAAAAAGGGGGGAAA AAAAAGAGGAAAAGGGACCGAGGGGAAAAAATAAGACACATGAAGGAACG AGGAAGGCCGGAAGGAAGAAGGGGATAGAGAGGGGGGGGCAGGGGAAAG AAGGAAAAGACAAAGGGGAAAAGGAATTCCACAGAGAACAAACCAACCAG CGGGGAAAAGAAGGGGAAAACCCCAAAGGGAACCCCGGAACCGGAAAAAG AA $\operatorname{A}$ GAAA $\operatorname{A}$ GGGGGGGGGGAAGAGGGGAAGGGGAAAAGGGGGGAAGGGGC CAAGGGGGGGGCCAAGGAAGGAAAAAAGGGGAGAGGGCCTTACGGAAGG AA G GCAGACCCCAGAGAGGAGGGGCCAACCAAGGGGGGAGGAGGTAAGCA G G G GAA GAAAAAAAGGAAGGCACAAGAGGGAAAATTGGAAAAGGAAGGAA AA G GAAAAGGGGCCGGGAAGGGACAAGGAAAAGGCCCAGAGGGAGGAACC GGACGAGAGGACAAACGGGGAAAGAGCCGAAGGAGGGGGGGACCGGGGA GAAGGGGAAAAGGGGAAGAAAAACCGGAGAAAGGGGGGGAAGGCAAGAA GGAAGGCCGGGGAAGAAAGGAAGGGGGGGGAAAGAAGGGGGGGGGGGGA ATTAAAGAACCGGGAAGACAAAAAAAGGAGGAAAGAGAGAAAAAACCAGA AGAAGACGGCAGGGAAAAACCAAGGAAACAAGAGGAGAGAGAAGGGGGAG GCCGGCCGGAAGGAGAGAAAAAGCAGGAAAACAAACCAGAGAGGGGGCCA
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AA G G AAAAGGGGAAAAGGCCAAAAAGAGGCTTGGAAAAAAAAGAGGGGGG G G G G G A GAGGGGGGTTAAGGGGGGGGAAACGAGGGGGAAAAAGGAAGGG A G G A G G G A AAAAA $\operatorname{A}$ GGGATAAAAGAGGGAGGGGGAGGAAATCCAACCAAG GAGGGGGAGAAGGAAGGAAAAAACAGAGGAACAGGAGAACACAAAGGGGG ACCAAAAAAAAAAAAGGAAGGGGAACCAAAAAACACAAAGGAAGAAACCAA GGGGGAGGAAAACCAAACGGACAAAGGGCCAAAAAAAAGGAAGGGGGAAG CAACGAAAAAGGAGGAAAGGAAACGGCCAGGGGGGAGAAAGGGAAGAGAG AAAGGAGGCCAAGGAAAAAAAAGAGGAAGGGACCGGAACACCGAGAGGGA GGGGAACAGAGAGAAAAGAGGGGAAGGGAAGAGGGAGGAAAGAAGGAAA AAAAAGGGGAAGGAACCCCGGGGGGAAAAGGAAAAGGAAAAAAAAGGAAA AGGCCGGGGGGGGAAAAAAAAAAAAGGAAAAGGAAAAGGGGGGGGGGAA G G G GAA G GAAGGCCAAAAAACCGGAAAAGGCCAAAACCAAAAGGGGGGGG AACCAACCGGGGGGGGAAAACCAAAAAAAACCGGAAGGGGCCGGGGAAAA G G G G G GAA G GTTGGGGGGAAGGGGGGGGCCAAAAAAGGGGCCGGAAGGG GAAGGGGAAGGGGCCGGGGAAAAGGGGGGGGAAAAGGCCCCGGGGGGAA AGGAGGGAGAGGCAGGAAGAGAGAGAAGAGGGGGGGGGCCAACAACAAG GAAGGGGGGAACCAACCGGAAAGCCGGATAAAAGGGGAAAAGGGGAGGAA CCCAGGAAAGGGGCCGGCCGGGGGAGGGGAGGGAGAGCGGGACAGGAAG GAGGAAAAAGCCGGGGGGGGAGCCAAAAGAAAGGAGGCAAAACCGGAAAG GGGAAACACCGAGGAAGGAAGGGGGAAAAAAAAAAAGAAAGGAAGAAAAA G G G G G GCCAGCAAGAAAGAAAAGAGAGGGGGGGGCAAAGGAACCAACGAG G GAA GACAGAAGAAGGCAAGGAGAGGAAGGGGAAGGGGGGAAGAAAAAG GAAGGAACCGAAGAAAAGGAAAGGAGGGAGGCCAACCCAAACCGAAGAGA GCCGACAGGAGAAGGAAAAGAAGCCGGAAAAGGAAGGAAAAAACCAAAAG GCCGGCCGAAGAAAACCAAAAGGCAAAGGGGGGGGAAGGAATTGGAGAAA AAACCGGGAGGAAACGGGGGGACGAGACCAAAAAGAGAAAAAAAGAGGGG ACCGGAGGCAAAAGAAAGGGGAAAGGGAGGAGAAAAAGAAACCGGAGAAA CAACACCGGCCGGTTAAGGGAGGGGGAAGGAGGAAGAGGGGAAGAGGCA AAAAGGAAGAGAAGGAGGGGAAGGGGAAAGAGAAAAAGAGGGGAGAGGA CCCAAAACAAAAAAGGGAGGAGGGGATAAAAAACCGGGGGGAAACAAGGG ACCGGGGAGAACGGGAGGAAACAAAGAAAGGCCGAAAGGGGGAGGAAAGG ACAGAACAGACAAGGAGAACCGGGGAAAGGAAAGAAGGAACGGAAGGGAG GAAGGAAAAAAAGAAAGAAGGGAAAGGAAAGGGGGAAAAAAAAAGGGGGG AAAGGGGAGAACCGGAAAGTAAAGGAAGGAGAGAGCCGGAAGGGGGGGG G G G GAACCAAAAAAGGGGCAAAAGTAGAACACAGAAGGAAAAGGAGGGAA CCAAAGAAGAAAAAGAGGAAGGCCGGCCAAGGGGAGAAAAGGAACAAAGA GAAAGGAAGGGGCAAAAAAAGGCCCGAAGGAAGAGGGGGGGGGGAAGGA ACCGGGGAAGACGGGGAGAGGGGAAGGCAAAACAGACGGCCGACCAAGGG GAAGGAACCGAGGAAAAGGAAAAGGGGAAGGCCGAAAAAGGGAGAAGGGA CAAGGAAAAAAGGCCAACCAGAGAGGAAAGAAAGGGGGAAGGGGGAAAAA AA G G GAGAAGGGGAAAAAGGGGAGAAAAGGGGACACCAATTAACCCGAAC CGGAGAGACAAAAAAGGAAGGGGAAAGCCAAGAGGAAGAGGAGGGCACCG GCAGGTTCCGGAAGAGGCCAAGAGAACAGAGAAGGGGAACCGAGAGGAGC CGGAAGGGGGGAAGGCAGGAAAGGGGGCCAGAAAGAAAGACAAAAGAAGA GACCCTAGGAAAGGGGAAACCGAAGCCTTAGGGGGCAAAAGAGGAGAGAA GGGAGGAGGGGGGAAAAAGAGAAGAAAGGAGAGCCGGGGCCGGAGGGGA AAGGAGAAGGAAGGAAGGGGAAAAAAGGAAGGGGAGGGCAGGCCAGAGG ACCACAGGGGGAAGAGACAAGGGACAGGAGGAGGGCCAACCGGGGGAAAA AACGACCAAGGAGGGCAAGAGAAGGGGCAATGGGGGAGGCCCCGAAAGGG GAAAAGGAACCAAAAAAGGCCGGAGGGAAAAGAGGAACAGGGACCGACCA AAAGAAAGGAAAAAAAAGGGAAAGGGAAGTAGGGGGGAAGGGGAAGGAAG GAAAGAGGGGAGGGGGGGGAAGGGGAAAAACAGAAGAAAAAGGGACCGG AAGGAAAAAAAACCAAGAAAGGGGGGAAACAAAAGGGGGAAAAAAGCAAA AAAAATGGCCAGGGCCAAAGAAGGGAAGAAATAAGGCAGAAGAACAAGGA AA G GAAAAGGAACCGAAAGGAAGGCCACGAGAGAAGAAAGGGAGGAAAAG GAAAAAAAAAGGCAAGCCAAGACAAAAGGGCAAAAAAGGGGGGAAAAGAC G G A GAGGGAAGAGAGAGAGACCGGAAAGAGGGAAAGAGAGGAAGAAAAAA GGAGAAGAAAAAGGAGGGAGGAAAAGCCATGGGGGGAAACGAAAAGAAAG AAAAAAGGAGCCAGGAAGGGAAAAAGGGAAGAGGAGGGGAAAAGAACGCC AAGGACCCCAGGAAAAGGAAGGCCAAGGCAGGCCGGGATAGGAGAAGGCC GGGGAGGGAAAGCAAGGGAGGACCGACCGGCCGGCGGGGGCAGGGGGAA

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CAAGGGGAAGAGAAAAAGAGAACAAGAAACGGGGAAAGAGCAGGGGAAGA AGGAGAAACCGAAAAAGAAGAGGGAGGGCAAGAAGAAGGGAAAAAGAAGG GGGGAAGGAACAGGGAGGAGGGGGACAGAGAAAAGGAAGAGAGGGAAGA CGAGGAAGGAGAAAGAAGGGGCCAGGAGGGGAAAAGAAAAGGGGGAACCA AAAAACCGGAAACAGACAGACGGGAAGCAGAGAGAAAGGAGGAACAAAGA GAAGACAACGGAGCCAGAAAAAAGGACGGAAAGGGCAAGGGGACCGGGGG GGGGGAACCAGAGGGGACCACCGAGGGGAACGGAGAAGGAAGAGAGGCC GAAACAGGCAAAAGAGAAGGGAAGGGGGGGGGAGGAGGGGGGGGGAGGC CAAGGAAAAAACCGGAAGGGGAAAGAGGAGGAAAAGAGGGGGAAAGAAAC CAAGAAAAAAAGGAGATAGGGAAGGAAAAAAAGAGAAGGAAAAGCCCAAA AGGAGAGGACAGAGGGGAGAAAAAAAAAAAAAAAAGGAGAGGGAAGGGGG GGAAAGAAGAAACGGGGGGAGAAGGAGGAGGAAAAGGGGGGGGAGGGAA AAAAAAAAAAAAAGAAAAAGGGAAAGGAGGCCGGAAAAGGCCGGGGAAAG GGGAAAAAACGGAGGAGAGAGAGAGAGGAAGGAAAGTAAGGGAGGGAGG AGGGGGGGGAAAAAAAAGGAAAACCAAGGGGGGAAAGAACCAAACGAGGG GAGAGAGCAGGGGCCGGGGAAAAAGGAAAAGGGGAAGACGAAGGAACCGA GAGAGACAGCAGGGAGGGACAACAGGAACACAGGAACAAAGAAAGAGAAA GATAGAAGGAGAGAAGAGGAAAAGGAAGGAGAGGGCAGGGGAAAAGGCC GGAAGGAAAAAAGGGGGGAGGGAAAAGGGGAGGAGGAAGAAGAGGAAGG AAGGAAAGAAGGGGAACCCCCGAACAGGGGAAAAGGGCCCAATGGGGGAG GAAAGAAGAGAAGGGAAGACCGGGGAGAGAAGGGGGGGGGGAGGGCCAA AA G GCCAAGGGAAAGGAAGAAAGGAAACAAGGAAGAGGAAAAGGAAAAAA AAGGAAAAAAAACCCCAAGGCCAAGGAAGGAGAGGGAAAGCAAAGGAAGG GGCCGGAAAAGGTAACAGAAAGCCAAGGGGAACCCCGGAGAGCAGAAGAG AGTTGGGAAAGGGAAAGGGGACCCAAGGAAGGGACAAAAAGGCCAAGGGG AAGGAGAGAGAGCCGCGGACGGACAGAAGAGAAGGAGGAAGAGGCCAGG GAAGGAAGGAAGAGGCAAAGGAAAAGGAAGGAAGGAAAACCAAAAAAAAC CGGGGGGGGGGAGAAGGCCGGAAAGGAAAAAAAGAAAGGAAAGGGGGCA AAAAGGGGAAGAAAGGAACCAAGGGGGGGAAAGGAAAGAAGGGACAAAGA GGGAAGGCGGGAGGCCCCAGGGAAAAGGCAAAAAAAAGGGAAAGGGAACC AGGGGGGGGGGGGAAAAGAAGGGGGGAAGGGGAAAAGGGGAGGGGGCCA AAAGGGGAAGGGGAAGGCCGGAGGAGGAGAGGGCCACGAGAAAAAGGAA GGGGGGAAGAAGAGAAGAGAAAAATAAAGGAGACGGGGAGAAAGGACCCC AGAGGGAGGAGAAGAAGGAAAGAAGGGGGAAGACGGAAGGGGAGGAAAG GGGCCAAAAAGCCACAACCAAACAAGGAAGGGGAAAAAAAAAGGGGGAAA AAAAAGGAAAAGGAACCAACCCCGGACAAGGCCAAAAAAAGACAGGAGAA GAGATAGAGGAAGAAAAAAGGGGGGAGAAAAAGGAGAACGAAGAGGACCA AGGAAAGAAGGGGCCAAAAAAAAACGAAAATCAAGAAAGCCAAAGAGCCG GGGGAAGAAGGACAGGGCAGGAGGAAGAACAGAAAGGAAAGACCAAGGAA CAAGGGGAGGAAAAGGGGGGGGGCCAACCAACCGGAGCCCCCCGGGAGGA AA GAGAACCAAAGGAGAAGGGAAGGGGAGGGCCGGTTGGGGAAGGGGGG GGAAAAAAGGATGGAAGAAAAGAGCAAAGAGCGGAAGGGGGGAAAGGAGG GGGGAGATGGAGGAAAAGGGGAGGGGGGGGGGGAAAAAAGAGAGCCGGG GAAAAGAGGATGGGGGGCCAACCAGAAAGGGAGAAGACCGACAAACAAAA AGGAGAGGAAGGGGGAAGGGGAAAAAAAGGGGACCAAAAGGAGAGGGAG GGGACAGGGGAAGGGGAAGGGAGAAAGGGGAGAGAAAGGGGGCCGGAGG AGAAAAAGGAAGAGAAACCAGGAAAAGGGAAAAGGCAGAGAGAACAAAGG AGGGGAACCGGAGAAGGGGAGAAGAAGGAAAGGAAAAGGAGAGAGGAAAA TAAGGAAAAAATTGGGGAGGGGGGGAAAAAAAGAAGGTTCCGGAAAAGGA ACCGGCAACGGAGGACAGGAAGGAACCAGAAGGAAAGAAAGGAAGAAAAG GACAGAAGGAAAAAAGGACAGGACGCAGGAAAAAAGAAGAAGGGAGGGGA AGAGAGGGGTTCGAAAGACGAAGAGAGAGACAGGAGAGAAAGAATAGGGA GAAGAAGCCGGGGGCAGGAGGAGAAAAAGGGGGGGAGACAAGAAGAACC GGAGAGAACCGGGGGGAGGGGGGGAAAAAAGGGGGGCAATGGGAACAAG AACAAAAAAGGGGGGGGGGCCACGGAGAGGAAACCGAAAGGGGGGAAGG CCAGCAAGGGAACGAGCCAAGGCCGGACCCAGAGGGAAAGGGAAAAACGA AGAAGGGGGGGGAAAAGGAAAACCGGAGAGCAGAACCACCTTGCGGAAGA GAAGCCAAAGAACGAGGAAGGAACAAACAGGGAAGGCCACAAAAAGAAAA ACGGGGGAGGAGGGCCAAACACAAGACCGGAAGGCCAAAAGAGGAAGGAG GGGGGACCAACCAAAGATAAAGAGAAGAAAAAACCAAGAAGGGGGGACCC GGGGCCAAAAGGAAGGGGGGAAAAAACCGGCAGGGGGGAGGGAAGGAAA

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AA G G GAGGAGGCCGAAAGGAAAGGGGGAAGGGAAAAAGGAAGGAACCGG AAAAAAAAGGAGAGTAAAGGAGGGACGGAAGAGGCCAGAAAAAGGGGGAA GGGGAGAAACGGGGGGGGGGAGGGAAGAAAAATTAAACGGAAAGAAGGG A G G AC G GAA $\ln \operatorname{GGGGGGAAAAAGGGAAAGGCCAACAGAGGAGAGGGGGGA}$ G G G GAGCCAACCGACGGGGGCCGGAAAAAAAAGGAAAAGGACGGCAGGGA G G G GCCGAAGAACAAAGGGGCCAGGAAGACGGAAAAAAAAAAGGGGAAGG AA G G G GAGGAACGGCAGAAGAACAGGGGCAGGAGAAAAGAGGGGAAGGG GAAAAAAAAGGGGGGGGGGAAAAAAAGGGGAAAGGAAAGGAGGAGAAGA GAGAGAGGGGGGGAGGAAGAGAGGAGAGGGAGAGACAAAGAAGGAAACC CGAAGCCAGAGAAGGAAGGAAAAGAGGTTAGAAGGAAGGGGCCAGGGGGC CGGGAAAGGAAAAAGAAAGAGGGGAAAAAACCCAGAAGGAGAAAACCCAG AGGAAGGGGGGGGGGAAAGAGAAAAAGCCAAAAAAAAAACCGAAAAAAAA ACCGGCAGGAAGGAAAAAAGGCCGGAAGGGGGGACGAAGGAAGAAGGGG GGAAAAAACCGGAAAAGGAAAACCAGAACCGGAGGAGGAGAGCCGGGGGG GAGGACGGGGGGGGAAAAAAAAGGAGGGAACCAAAGGGGAATGGGAAAAA GAAGGGCCCAGAAAAAAAGGGGAGGGGAAAGAAGGGGGAGAGAAGGAAG GAAAAAAGGGGAAGGCCAAAAAGGAGGCCGAAAAAGGAAGGGAAACCACG ACCGAGCAAACAAGGGGAAAAAACCGGGGGGAAAAAAGAGAGGGGCAAGG AGGAAAACCGGAGAACCGAGGAAAAGGGGGGAACCAAGGAAGGAAAAGGA AGGGGAAAAAAGGAAAAAAAAGGAAAAGGAAAAGGGGGGCCGGGGGGAAG G G G A A G G G GCCAAAGAAAAGAGAGAGAAACAAGGGACAGGGAAGGCCAGA
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A G GACCGAGGGGAAGGGGGGGGGAGGTTCAGGGGGGGGAACAAAGGCCG GAAGGAAGGGGAAGGGGACGAAAGGAGCCAGGGAAAGGGGGAAGGGAGA G GAA $\operatorname{la} A \operatorname{A} A A A A G G G G A G G A G G G G G G G G A A G G G G A G A T C C A G G G A A G G A$ AGGAAGAAAAAGGGGGGAGAGGACCAGAACCGGCAAAAAGGAAAAAGAAG GACCAGAGGGAACCCAAAATTCCGGCCGGAGAAAAAACAAGGGGGGAAGA GAGAAAAGGGGGGGGACAAAAGAAGAAAAACGAAAAGGGCAAACAAAAAG GAAAAGAAAAGGGGGGGAAAAAACCAGCCAAATGAAAAAAACCAAGAAGC GAGGAAAGGGGAACACCGAACGAGGCCAAGAAACCAGGAAAACAAAAGGG GGGAAAACACAGAAACAGAAAGGAGAAGAAAGGCAAGGAAAGGACGGGGA GCCAAGGGGAAGGGGCCAAAGGGAAGGGGGGGAAAAGCCCCGGAAAAGA GGGGGGAGAAGGGAGGGGACCCAAGGAGAAACAAAGGGAAGGGGCCAAG GAAGGAAAACCGGGGGGCAAAGGGGAAGAGGGGAAGAGGCCAGGGAAGA AAACGGCAAAGGAGAAGAGGGGAGAATTCCGAAGAAGGGAATGAGAGGAA CCACAGAAAAAGGAGAAGAAGGAAGGAGGAAGCAAAAAAAGGAGCCAAGG GGCCGAAACAAAAAGGGGGAAGCCGGAAAGCCAGGGGGGAAAAGAAAAAA CCAAAAAAAAAAGAGGAACCGGGCGGCCCACCCCCCGGAAGGACGAGGGG GGAGAAAAACCCAAAAGGGGGGCCAAAACAAGAGGAAGAGCCAAGGGGAT G GAGGGCAAAGGAGGGAGGAGGCCGGAAGGGGAAAAAAAAAAGGAAGGC CGGCCGGAAAAAAGGGGGGAAGGAATTGGGGAAGGGGAAGGGGCCGGGG AAAAGGGGAAGGGGAAGGGGCCCCGGAAGGAAGGAAAAGGCCGGGGCCA AAAAAGGAAGGGGGGAAGGCCAAGGGGAAAAGGAAGGGGGGAAAGGGGG AAAAGGGGAGGAGCGGGGCCAAAGAACCGGAAAAGGAACCGGAAGGAAAA
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CCAGGGCCCCAAAGGAAGACCCAAGGAGCAAAAAAAGAGGGAGGGAAGGG AAA $\operatorname{A}$ GAAAGGGGGGAAGGGAGAAAAAAAGGGAAAGGAGAAGGGGAAGAG GAAGGAGACGGCCGGAGCAAGAAGGGAAAAAAAAGGGAAAGAAGAAAGGC CAAAACCCCACGGCCACAGCCGAGGAAGGAAGACCAGGAAGGACAAGGGA GAAGGGGGGAAGGAGGACCGGGAAGAGGGCAAGCCAAAAAAGGAAGAAGC AA $\operatorname{A} A \mathrm{~A} G \mathrm{G} G \mathrm{G}$ GAGGAAAAGGGAAGAAGGGAGCCAAGGAGGGGAAGGGGAGA AGAAAGGGAAGGAAAACCAAAAGGAGAGGAAGAGCAAGAAAGAAAAAAGG A G GA $\operatorname{l}$ GCCGGAGGGAGGGAGCCAGGGGGCAAAAACCTTAAGGGGAACCGA
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 GGACCGGAGAAAGCCGAAGGAACGGAAAAGGAAACGAGAAAACAGAGATA ACCAAAAAGAAGGGGAGAGGACAGGGAAGAAAGGGCCAAGAGAATAAGGA GGGAAAAAGAAAAAGGAAGGAGCGAGAGAGAAGAAGGAGAAAAGGAGCCA AGACCAAGAACAAGGGGGGAAGGGGGAGGGGGAAGAGGAGAAGGAGGGA GACCAAGGAAAGGAAAAAGGCAGAAGAGGGAGGGGAAGGAGAAGGGGGA AGGGGACAACCGGAGAAAGAGAAAAAAAGGGAAGGGGGGGAGGCCGGAA GGAGAAAAAGGAGGAAAAAAAGAGGGAAGGAGAGCCGGCCGGGGGGAAG GCCAAGGGAAGGGAAACAGAAAGAAGAGGCCAAAAAACCAGGGGGAAAAG GCAGGAAAAGGGAGAGGGGAAAAAAAAGGAAAACAAAGGAACCAGGGACG GGGAGGCAAGGGGCCGAGGGGAAGGGGGGAAGAGGAGAGGAAAACACGG CAAAAAGGGAGGAGAGAAGAGGGGAAGGGGGAGAGGCCGGAAAAAGAGG GAAGGGAAGGGGGGGGGAAAAAAAAGGAAAGAAACGGAGAACCAAGAGAA GGAGGCCAGAAAGCCAAACAAGGAAAGCCAAACAAGAGAGAACGGGCACG GAAAAAGAGAGCCAAAAGGAAAAGGAAAAAAGGAACCAAGGAAAAAAAAG GAAGGGGAAAAGGAAAAGGGGAAAAAAGGGGAAAAAAGGGGAAAAAAGGG GTTGGAAAGAAAAGGAGAGAGAGGGAAGGAAAGCAGGAGGGGGAGAAAA GAAAGAAAGGGGGGAAGGAAGACCAAACGGCCAGACAAAAGAGGCCACGG AAAAAAGGAGGAAAAGAGAAAAAAGGCCAAAGGGAACCAGAGAAAGGAAG GGGCAGAGCCGGACAAGGAGGGGGGGGAAGAGGGCCGGAAGACCGGAGG G G A G A G G G ACCAGAAAAGGGGGAAGGGAGAAAAAAAAGGAGAAAAATGGA AGAAAAAAAGAGAAAGGAGAAAAGAGAAGAAGAAAGGAAGGAAGAAGGGG GGGGGGAGGGAAGAAGGGGGGCAGGGAAAAGGAAAAAAGAGGAAGCAAA AGAAGACCGAACAGGAGAAGAGGGGGGGCAAAAAGACCAACCGAACAGAC GGGAAAGAACAGAAGGGAAGAAGGAACCAAACCCAAAGAAAACCGGGGAA GGCAGGGGAAGGGGAGAAAAGAGGAAGGCAGGCCAAAATAGGAACCAGAA CCGGCCGGGGAAAGGGAACCGGGAACGGACGAAGGGAGGGAGGGGGCCA CCCAA G G G G A G GAAGAAGGCCAAGGGGGAGGGAAGAAGGAAGGCAGGGG G GAA $\operatorname{l}$ GGGAGGAACGAGGAGGAGGGGAGGGCCGGAGCCGGAAAAAAGGC A G G G G G G AAAAGGGGAGAACCGGGAAAGAAAAGGAGAAAAAGGGGGAAA G GAGCCGAGGGAGAGGAGGAAGAGGGGAAGAAGAAAAAAAAAGGGGGGC CCCAAAAGGGGGGAACCAAAAAGAAGGGGAGAACCGACCGGAGAAGGGGA AAAGGAAGAAACAAAGGAGGGGAGGGGGGGAAGAGGAGGGGGGGAGGGG G GAGAAGGAGAGGAAGCAGAAAAAAAAGAGGAAGAGAAAAGGAAGAACAG GAGACCGGGGGAGGAAAAGGGGGGGGAGAGAAGAAAGGAACCGGGGAAG GAACCGGGGAACCCAACGGAAGAAGCAAGCCGGAGGGAGGGAAGGGGGG GGAAAGAAGGACGGGGAAGAGGGCAGAAAGAGGAGGAAGAGAAGAAACAG ACGGAAAAAAAAGGAGAACCAGAAGGAGTTGGCCGGAGAGGGGAAAGGAA CCAAAAGAAGAGGGAGAAAAGGGGGAGGCCGGAACCAGGAAAGAGGACAG

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 ATGAGGAAGGAAGAGGAGGAGGGAGAACGGGGACAAGGGAGGGACCGGA GCCAAGGGAGGAAGGGGAGGGAAAAGGGGAAAGACGAACAGAGACGGAAA AA GCCAGGAAAGGAAGGGGGGGGTTGGAGCCAGGGGACCGACAACGGAAA CA $\operatorname{l}$ GGGGAAGGGGAAGAGGAAGGAGCCGGAGAGACAAGGAAGGGGACGG AGGAAGAACCAAAGAGGAGGAACCAAAAAACCAAGGGGAAAAGAAGAAGA G G C C G G A A G G G A G A G G G G G G A G G G G G A A A A A A A G G G G G A G G A G G G A G G G G GAAGAGGGGAGGAAGCCAGGGCCCCGGGAAAAAAGAAAAAGAAAGAGAAA A G G G A A A G G G G G G A GAGGGAAGAGGGAAAGGCCGGGAAGGAGAGAAGGG GGGGCCGGAAAGACAAAGCCGGGGGAGGACGAGGCCACGGGGGAAGGGA GAGGGGAAGGAACAGCCGAAAAGGGGAAGAGGGGAGGAACCACCAGACAG GAGGGGGGGGGAGGGGGGAGGAAAACCAAAAAACCAAGGCCCCGGAAGG GGGGGGCCAAGGCCGGGGAAAAAAAAGGGGGGCCAAAAAAAAGGGAGGG GAAAGAAAAAAGGAGGGAGAAAAAAAAGAGAGGGGAACCGGAAGGGGAAA ACCGGGAAAAGACAAGGAGGAGGGGCACCAAAGAGCCAGGAAAAAAAAGA A G G G G A GAAACAAAGAGGGAAGGGGAGGAAGAGAAAGAAGGCAGGAGGA G GAACCGGGGAAGGGGAAAGGGGGAGGAAGGGAGGGGGAAACAAGGAAA ATA $\operatorname{A} G \mathrm{G}$ GTAAGGGCAGGGAAAAAGAGGGGAGGGGGGGGGAAAAGGAGAG AAAGAGGGGAGGGGAAGAGGCACAGAAAGACCCCAAAAGGAACCAGAAAA GGCCAGAGGAAAGGAAGGGAACAAAAAAGAGACAGGACAAGAAAGGAAAA AAA GAAACAAGGGACCGAGGAAAAGGGGGGGGAAAAGGAAGGAGGGGGG GCAAAGGCCAACCCCCCAAAAGGAAGGAAGGAACCGGAGGGGGCCAAGGG GAAGGAAAAAAAAAAAAGGAAAAAAAAAGGGCCGGAGCCGGGAAGGGAGA GAAAGCCGGAGAGAGAAAAGGGAGAGAGGAAGGGAGAAGGAAAAACACAA AACACGAAAAAGGGACAGGAAAGGAGAAAAAGGCAAGAAAGAACAGGAAG GAAGGCAGGCCAGAGGGATGGAAGGGGGGAAAAAGAAGGGGAAGGGGGG AACAGGCCGGGGAAGGAAAAAAGGGGGGGGAAAAAAGGAAACCAGGGGGA CCACAAAGAAACAGGACAAGGGGAAGGAAGGGGGGGGGGGAGAGGGAGG GAGAAGGAAAAAGGGGGAGAGGGAAGGGGAATTAAGGGGAAGACAAAGCA AAGAAAAAAGGAACCGGAAAAAAGGAAAAAAGGGGGGAAAAAAAAAAAAA GCCAAGGCCGAGGAACCAAAAGGAAAGGGAGGAAAGAAAGGGGGGGAACG AGAAGACAAAAGAAGAAAAGGGGGAGAGGGGAGGAGGAAGGGAGGCAGA GAATAGGAAGAAGAAGGAAAGGAAAAGAGGGGAACCAAAAAACCGGGGAA G G G GA GAAAAAGCAGGCCGGAGGGAAGGGAAGAGGGGGAGAGAAGGCCA AAAAGAAGGAGAGGGCCGGAGAGGGCAGGGAGGAAAGAAGAGGGGCCGG AA $A$ ACAGGCCGGAAGGGGAAGAGAGGGGGGAGAAAGGGGACCGACCGGA ACAGGCCGGGGCATAGGGGAAAGGGGGGAGGAACCAAAAAGGGGGAGAA G GAAGAACAAGGGAGGGAAAGGGAAAGGAAGATAAAGAAACCCGAAAGGA CAGGACCCAGAGAAAGAGACAGGAAGGGAAGGAGGAAAAAAGCCGGAACC GGGGGACAAAAAAGGGAGAGAGCCGGGGAGAGCCACAGGGGGAAAAGGA AGGCGAAAAGACAAGAGAACAGGAAAACCGGCAAGGGGAAAGGGGGGAAC CAACCGGAAGGGGAGAAGGAGAGGAAAGAGGGGAAGGCCGGCCAAAAAGA AGAGGCAAACAAGACAAGAAGAAAGGAGGGGGGGACCAGAACCGGAAGGA GCCAAAAACAGCAAACCAGAAGGAAAAAAGGGGCCAAGGAAACAGGAAAG GCCAGGCACCCAAAAGGGGAGAAGGAAAACAAAAAAAAAAACAGGGGCCA AAGCCAAGGAAAGAAAGAGGGAAGAGGGACCAAAAGAAAAGAAAAAGAAG GAAGGGGAGAAAAGAGAGAGAAGCAGGGAAAGGAGGAGGGGAAGAGGAA AAGGAGAAAAAAGACAATGGAGAAGGCGAAAGGGGGACAAAAGGAGCCCC G GAA G GAACAGGAACCCCGGGGGGAAAAAAGGGGAAAGGGAAGGGGGGG GACCCCAGAAAGGGGCAGAAACCGGAACCAAGGAAAGGGAAGGAAGGGGA AAAAAGGGGAAAAGGCAAGGGCAAACAAAGAAAACGAGGCACCAGAGAGA AGGAAAGACGGAAGGGGGGGAACGAAGGAGAGAAAAGAGAGAGAGAACCG GAACCAAGGAAGGGAAGAGAGGAAGGGAAGGAGAGAAGAAAAGAAGGACG GGGGGAGAAGAGGGAGGCCAGGGCCCAGGTTGGGAGGGGGAAACCGAGG AAAAAAAAGGAGCCAAAAAAGGGGCCAGAAACAAGAGAAGGGGAGGGGAA CAAGGGGGGAAAAAAAGGGGGGGGGGGGAAAGGGTAAAAAAGAAGACCG GGGGGAGAAAAGGAAGGAGGGAAGAAGAAAAGGCCGGGGCCGGAGAAAA AAAAGGAAGGAGGGAGAAAAAAAGAAAAAGAAAAAAGGAGGACCGGGGGA GGGAAGGGGGGGGGAAGGAGGAAGCCCAAAGGAAAAGGAAAGGGAAGGG AAGAGAAGAAAGGGAGGAGAATACCGGATGGACCCAGGGGAAGGGAAGAA

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$22032000-9$ GAGGGGACGGAGGGGGAAGGAGAAAAAAGGGGCAAAAGAACC CCCCAAGGAGAGCAGGAAGGAAAGCCAAAAGGAACCGAGAAGGGGAGAGG AACCAGAGGGAGACGGGGCCGGGGGAGGCCAAGGAAGGGGAAGAAGGGA GAGACGGAGAAAGGAGGAACAAAGGAAGGAAAGCCAGAGCCGGAGGAGAA AAAGGGAGAAACCAACCGGCCAAAGAAGAAGGGAAAAAGGGGGACGGCCG G GA $\operatorname{l}$ GAGGAGGAGGGGGGGGGGGGAAAGGGGCCGAAAAAGGAAGGGGAA AAAGGACCAAAAAAAAAAAACCAGGGGGCAGGCAAGAAGAAAGAAAAAGG G GAGAGGAGGAAGGCAGGCCAAGGGGAGAGCAGAAGAAACGAGAAAGAGA AGGAAGAGCCAACCAAAAAAGGGAGGAACCGGAACCCCGGAGAAGGGGAA GGCAAAAGTTAAGGAAAGGGGAAGAACCAAGGAAAAAACATTCCAGGGCC GGGGAAAAAGAAGGGGAGAAAAAAAAAAGAAAAGAGAAGAACGGAAAAAG AAAGAAGGAAAAGGCCAAGGGGCCGGAAGGAAAACCGGAAAAAACCAACC

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 G GAGGGAACCGGGGGGAAAGAAGGGGGGAGAAGACCAAAAACAAACAGAA G GAAGAAGAAGACCGGAAAAAGCAAAGGAAGAGGACGGAGGAGGAGTTGG AAAAGGAACCAAGGAAAAGGGGTAGGAAAAGGGAAGGGAAAGCCAAAGAG AAAAAACCAAAAAAGAGACACAAACCGGGGAAGGTTAAAAAAAAGGGGCC AAAAGGGGGGGGAAAAGGTTAAGGAAAAAAGGGGGGCCAAAAGGAAAAAA CCGGCCAAGGAAGGAAGGAAGGGGGGCAAGGGAGGGGGGGAAAGGAGGA AA $\operatorname{lnc} C \mathrm{C}$ GAAGAAGGGAGAAGAGGAAGGAAGAGGGGGGGGGGGGGGGAAG AAAAAAAAGGAAAAAAAGGGGGAAAAAAAGGGGGGGGGGGGAGAAAGGAA GGAGAGGGGGATGGGGATGGGGGGAAGGAAGAAAGAAAAGACAAAAAGG GCCGAAAAGCACCAACAGATTAAGAAATTTTCCAGAAAAGGGGAAGGAGG AAAAGAGAACGGGTACCAGGGCCAGTACCGGGAAAGGAGGGAAGACAGAG GGACCAAAAGACCAAGAAACCAAAGGGAAAGGGAACCGGAAAAAAAGGGA AAAGAAAAAGGGGAGGGAACCCGAAGGCGGAGAGGAACCAAGGGGAAGGA GAACAAAAGGGAAGGGAGAGGGGGAAGAAAGGAGGAACCAAGGGGAAAAG GTTCCAGCCAACCGGAAAGGAAAGGGAAAGGAGAAAACAGACCGGGGAGA GAAGGGGGGAAAAAAGGAAAAAAGGAAGGAGCACAGAATAAACGGCCGAG GAAAAGGAAAAGGAATAGGAAAAGGAAAAGGGAGGACAAGGAAGGGGGGG CCAAGAAAAACAGAGAGCACCGGAGGGGAACAGGAGGAATAAGAGGGAAA
 G G G GCCGGTTAGAAGGACAGAGGACCGGAACAGAGGCACAACCCAAGGTA TTGAAAAAGGCAGACAAGGAAGGGAGCACAGAAAGAAGAGGGGGGGGGAA A GAAGGAAGAAACCGAAAGGGGAGAAGGACAGAAAAGGGGAAAACAGGCA AACCAAGGGGGGAAAAGGAGGGGGAAAAGGGGCCAAAAAAGGAAAACCGA CCGGGGGGGGAAAGGAGAAAAAAACAAGAGGGAGAAAAGGAAAACCAACC GGTTGGAAGGCCGGGAAAAAGGAACCAAAAGGGGGGAAAAAAAGGGAAAG GGAAGGAAGGGACCGGGGGGGGAAAACCCCACGAAATTGGGAGGAAGAAG CAGAAGCAGGGGAACCGGGGGGAAGGGGCAAGAGGGAGAGCACAAGAAG GAGGGGAAGGCAAAGAAAAAAAGAGGACCAAAAAGAGCCAAAAAGCACCG AAACCGGGGCCAGCCAAGAAAAAAACCGGGGGGAAAACCGAAGCCGGGGG G G G G G G G A A G G A A G G G GAAGGGGGACGAGCCAGGAAACCAGAAAACCAG CCGGGAGAGGAAGAAAAGGGAGAGAGACAGAGCAAAGAAAGGAACAGGGG AA GAAAAGACAGAAGGGGGAAAGGGGAAGGCCGGGGGGAAAAAAGGCCAA AAGAGGACAAAGCCAGGACGAGGGGGAGAAAGGAGGGGAAGGCCGGGGA GAAAGAAGAGACCAAAAGGGGCCGGAGGAGGAACATTAAAAAACCGGGAA ATAAAAAAGCCAAAAGAAAAAAAAACCCAAACAAAAGGAGGAAAAGGAACC CCAAGGAAAAGGCCAAGGGACACCGGAAAGCCGGCAAAGAGGCCAAGAAG ACAGCAAAAAAACCGGCCGACAAGCCGGAAAAGGAAGGGGGGAAGGGGAA G G CAAAGGAGGAAAAAAAAAAACCAAGGAAGGCCGGGGACAGGGCGGGGG GAAGACAGAGAAAGGAGCGACCCACCGAGAAAAAGAGGAGAACCGGAAAA AA G GAAGGGGGGATGAAAAACCCCGGCCGGAAAAAACCAAGAGGAAAAGG AAAAAAAAGAGAGGGGTTAAGAAAGGGAGAGGAGGGGAGGGGAAGGCCG GAAGAAGAGGGGGAACCGGGAACAGACGGTAAGGAGGCCGGAAGGAAACG

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AA G GAAAAAGGGGAAGAGAGGGAGGGAAAAGGGAAAGATACCGGGGCCG GAAAACCAAAAGGACCCGCGACCGGGGAAAAAAAAGGGGGGCCGAACAAA GAAGGGAGAAGGAGGAAAGACAGGAGGAGGAGCAGAGGAAAAGAAAAAAA GAAAAGGGAAGAAGGGGAGAGGAGAGAAGGAGAAGACCCAAAGAAAAGGA A G G G G G G G G G GAGACAAAAAAGGAGCGGAAAGGAACCGAGGGGGGGGAA AAAAGGACGAAAGAAAGAGACAGAGGAAAAGGAAAAAAGAAAAGAGAGAG AGAGGAAGAAGGAAGAGAGGCCAAGGAAGGAAGAAGAAGAGGGAAGGGG GAA G G G G A A A A G G G G G GAAAAAAGGGGAGGCAGAAGGAAAAAAAAGGGA GAGAAGGACAAGGGAGGAGAGGGGGGAGGGGGGAGGAAGGGGACGAGGG GGGGGGGAACCAAAAGGAAGGAAGGAAGGCCGGAAAAGGGGGGAAAAAA GGAGCCAACAACGGAAGGGGCAGGAAGAGACACCAAGGGGGGAAAATTGG AA $\operatorname{l}$ GAAGGAGGAAGAGGGAAGGGGGGACAAAAGGAGAAGGAGGGGGGAA GAGGGGGGGAGAAAGAGCCGAAGGGCCGGAAAGGGGGAAAGGAGGGAAG A G G G G GAGGAACAGCAGGGAAAGGGGAAGGAGGGGGAGAGATAAGGGAA ACCAAGACAGGGGAAAGAGGAGGGGGGAAAAAAGGAAAAAAAAGGAAAGA AAAATGAATGGCAAGAAAAAAAAAAGGAAAAGGAGGGGGAGAGAAAAAAG G G G G G G GAGAACCAAGAAGCAGGGGCCAGAACCGGGGTTAAAGGGAAAAC CAAGACCAAGGGGAAAAAAAGCAGGAAAAAAGGAAGGAAGGAGAAGGCCA CAACCGAAAAGTAGGAAAGAGGAGGCAAAAAGGGAAGCAAAAGGGGAATG ACCGACCGGAAACGGAAAAGGGGAGCAGGAGAAGGAAGGACAGAGGGAAA ACCAGGCAAAGAAAACAGGGAAAAGAGGGGGAAAGGAGAATGGAGGGGAG GAAA GAGAGAGAAGGGGAAAAAAAAAAAAGGGCCCAAACAAGAGGAGAAG G G G AA GAAGAAAAGAAATAGGAACCGGGGGGGGCCGACCAGGGAAAAAAA AAAGGAAAACCGGGGAGAAGAAGGCGGACGGCAAAACGGGGGGAAAAGGG AAA $A$ AGGGGAAAAGGGGAAGGGAGAGGAAGGGGAAAAAAGGGGGGGGCC AGAAAGACGGAAAGAAGGGAGGCCAGAAGAAAAGATAAAAAGAGCCGGGG AACCGGAGAAAAAAAAGGCCGGAAGGAAGGAAGGGGGGAAAACCGGAACC G G G A G G G G G G G G A A A GAGGGGGCCGAAAGGAAAAGGGGGGGAGGGAAAG GGAAGAAGGAAGGAAAGAGAGCAGGGGGGGAGCGCAAAGAGCAGAGGAA CAGGAAAAGGAGGGAGCAAGAGAAGGAAGAAAAAAAAGAGAGGGGGGAGG AACCAAGGAAGGGGACGAAAGGACGGGAAGAAAAGAAAAAGGGGGACAGA AAGGGGTTAAGAAACAGACAACAAAAAAGGAAGGGGGAGAAAGGAGGACC GAGGAAAAGGAAAATTACACGAGGAGGGGGAAGGGGAGGACAGACACAAC GAACCGAAAACCAACGAAGGAAGGGGAGAGGACCACAAAAAAGGAAAAAT A G G GA GAGAGGAGAGGAAGGAGAAAACCGAGACCGAGAGAAGGGGGAAG GAAGGGGGGAAAAAAAAAAAACCAAGGACAACAAAGGGGCCGGGGCCAAG GACAAGGAACCAAGGGGAAGGCAAAAAAAAAAAAGAAAAGGGAGGAGCCA AAAACCGAGGGAGAAGGGGACGGAGGGAGAAAATTAGGAGAAGGAAAGGG AA $\operatorname{A} A \operatorname{A} A \operatorname{AAA} \operatorname{AAGGGACCAAAAGGGAAAGGCCGAGGGGGAAAGGGGGGGA}$ AAAAAGAGACTTAAGAAAAAAGGAGAGGGAAAAAGAGAAGAACCCCGAAA CCCAAGAGGAGGAGGGGGAGCAGGGGGGAAGAGAAAAGAAGAGAACGGC AAGCGGAGGGGAGGGAACCAAAAGGGGCAGAGGCCAAAACCGGCCCCAAA AAAAGGAAGGGAACCGGATCCGGCCGAAGAGAGAAGAAGGGGAGAAGAGA AGAAACCGGGGGGGGGAGGAGAAGGGGAGCAGGGAAGAAAAAAAACGGG GAGAAGAAAAGGAAAGGGAAAGCAGGAAGGAGGAAAGGGAAAGAGAGAAG AGGGGACCGAAGAAAAAGAGCAAAAAAAGGAAGGGGAGGGCCCCGGAAGG G GAAACAAACAAGGGATTGGAAGAAGAGGGGAGAGAGGACAGAGAGAAAG GAAAGAGAAGGGGGAGGGGGGGGGACGAAGGGAGAAGGAGACAGAAATA GAAGGGGAAAAAAGGGGAAGGAAAAGGAAGAAGACGAGGAGCCGAGGAAC AGGGGGAAAAGGAAGACCCAAGGGGAAAAAACCAAAAGGAAAAGGGGGGA A G G G G G GAAAGAGGGGCAGGAGGCAAGGAAGGAAGAGGAGGGGCCAGAA AAACACAGAAAGGAGGGAAGGGAGAGGGGGAAAAGAAGGGAGGGGGGAG GGGAGCGGGAAGGAAAAGGAAGGAAGGAAAAAGAAAGAAAAGGCCGGGG GAGGAAACGGGAAGCAGGAAAGCAAGAGAGGGAACCGGGGGGCCGGAAG GGAAAAAGAAGAGAAGAAGGGAAAAAAGGAAAAGAACACCCGGGGGGTTG
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GAAGGAACCGGGGAAGGGAAGGGAGCAAGAAGGAAAAGAGGGGCCACGAA ACCAAGAGGAAGGGGCCAGGGACGGACCCGGGGGGAAGGGGCCCCCAAG GGACAGAGAGAAACAACAAGGAGAGGAAGGAAAAAAAAGGGGAAGGGGAA AAAATTGGGGGGAAAAAGAAGGAAAAGGGGCAGAGGAAGGAAGAGGCAGA A G G G G G A A C G A G G GAGGAGGAAGAAGAGGAAGGAGGGAGGAACCGAGAG
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GAGGAGCAGGATAGGGGGAGGAGGGGGGGCGGGAGAGGAGCCGGGAGGA GAAGGGGAAAGAGCCAGGGCCGAAGGGAGAGAAAAGGCCCCAGGGAGGG AGAAGGAAAAGGCAGGAGGAGAAAAAGGAGAGGGGGAACCAAAAAAGGGG AAAAGAGGGGCCAAAAGGAAGGGGGGTTAAAAGAGGAGAAAGGGGGAACC CCGGAAGAAAAGAAAGCCAGAAAAGGAGGGAGGGGGCCAGCCAGGAAGGA AGAACAAGACGGGGAAGAAGCCGACAAAAAGGGGCCAACACCGGAAGGAG AAAAAACCGAAGAAAGAAGGGGGAAAAAAAAAAAGAAAAGAAAAAAAAGG G G G GCCAAAAGGGGAGCAAAAAGGGGAGGGGGCAGAGGAACCAAGGGGA GAAGACAGGGGAGGGCCGGAAAAGGAAGGAGGAGGGGGGAAAAGAGGAG AAAGAAACGAGGGAAAGGAAAAAAAAAAAGACAAACCCAACCAAGGGGGG CCAACAGGAAAGAACAGAAAGGCCGGAAAAGGAAAAAAAACCCCAAAAGG CCGGCCGAAGAAGACCAACAGGCCCAGGGGAGAGAAAGGATTAGAACCCC CCAAGGGAGGAACCGGGGGGCCGAGACCAAGAGGAGGAAAAAAGAAGGAA GCGGAGGCGACAAAGAGGGGAAAGAGAGAAAAAAAAAAGACCGAGGAACC GGAACCAGCCGGTTAAGGGAGGGGGAAGGAGGAAGAGGGGAAGAGGAAA AGAAGAAAAGAAGGAGGAGAACGGGAAGGGGAGAAAGGGGGGAGAGGCC CCAAAACAAAAAGGGGGGGAGGGGATAATAAAACGGGGGGAAACAAGGGA CCGGGGGGGAGGGGAGGAAAAAAAGGCAAGCCAAAAGGGGGAGGAAAGG AAAGAACGGCCAAGGGGAACCGGGGAAAAGGAAGGAGGACCGGTAGGGAG GAAGGAAAAAAAGAAAGAAGGGAAAGGGAAGGGGGAAAAGAAAGGGAGGG AAAGGGGGGAAACGAAAGGAAAAAGGAGGAGAGGGACAGAAAGGAGGGA GAGAACCCAAAAAAGGGGCAAAAGTAAACCACGGAAGAGGAAGGAGGAGA CCGAAGAAAAAAAAGAAGAAGGCCGGCCAAGGGGGGAAAAGGAAAAAAGA GACAAGGAGGGGAAAAAAAAGGCCCGAAAGGAGAGGGGGGGGGGAAGGA ACCGAGGAAAAGGGGGGGAGGGGGAGGCAAAAAAGCCGGCCAACCAAGGG AAA $A$ AA GCCGGGGAAAAGGGAAAGGGGAAGGCCGAAAAAGGGAAAGGGGC CAAGGAAAAAAGGCCAACCAGAGAGGAAAGAAAAGAGGGAGGGGGAAAAA A G G G G G G GAGGGGAAAAGGGGAAAAAAGGGGAAAACCAATTAACCGGATA CAGGGAGACGAGAAAGGAAGGGGAAGGCCAAAAGGAAAAAGGGAGCACCA GCAAGTTACAGAAGAGGACCAGAAACCGGGGGGGAGGGGCCGAAAGGGGC CGGAAAGGGGGAAGGAAGGAAGGGGAGCCGGAAGGGAGGCCAAAAAAAG GGCCCCTAGGAAGGAGAAGACCGAAGCCTTAGAGGGAAGAGGAGAAAAAA G G G G A A G G G G G G G GAAAA G G G G A A G A GAGGAAAAAA G GAGGCGGGGGGG AAAGGAGAAAGAGGGAAGGAGGAAAAGGGAAGGGGAGAGCCAGCCAAAGG ACCACGGGAGGAAAAAAAAAAGGCCGGAAGGAGGGCCAACCGGAGGGAAA ACCAACCAAGGGGGGAAGGAGCAGGGGCAATGGGGGAGGCAACGGGGAA AATAGAGGGACCAACAGAAGCCGGGGAGAAAAAAAAGGAAAGAACCAACC CAAAGAAAAGCAAAAAGGGGGAGAAGAAGGAAGGGGAGAAGGAGAAGGAA GAAAAGGGGGGAGGGGGGGGAAGGAGAAGAACGGGGAAGAAAGGGACCG GAAGGGAGGAAAACCAAAAAAGGGGAGGACCGACAAGAAAAGGGGAGCAG G GAGAATGGACAGGGCCGAGGAAAGAAAGAATTGAGGAAAAGGGACAGGG AAAAGAAAAAGAACCAAAAGGAAAGCCCCGAGAGAGGAAGGGGAGAAGGG GAAAAGGGAGGGGAAGGACGAGAAAGAAGAGCAAAGAGGAGAGAAAAGGC CGGAAAAGGAAGGGGGGGGGGAAGGGGAAGGGGAAGGGGGGGGAAAAAA AAGGGGAAAAAAAAAAGGGGGGAAAAAACCAAGGGGAAGGCCAAGGGGGG GGAAAAGGAAGGAAGGAAGGAAAAAAGGGGAAAAGGAAGGGGAAGGAAG GCCAAGGCCCCCCGGGGAAGGAAGGCCAAGGCCGGCCGGGGTTGGAAAAG GCCGGAAGGGGTTAACCGGAAGGAACCAAAAGGCCGGCCGGGGAAGGGGA AAAAAGGGGGGGGGGAACCGGAAGGGGGGGGGGAAAACCAAGGAAAAGG AA G GCCAAAAAAGGAAGGAAAAAAAAGGAAGGGGAAAAAAGGAACCGGGG AA G GCCGGGGGGAAGGAAAACCGGGGGGAAGGAAGGAAAAAAAAAAGGG G G G G GAACCAAAAGGAAGGAAAAGGAAGGGGAACCGGCCGGGGGGGGAA G GAAAAGGGGAAAACCGGGGAAAAGGAAGGGGAAAAGGGGAAGGCCGGG G G G AAAA G G G GCCGGGGGGAAGGGGGGCCGGAACCAAGGAAAAAAAAAAC CGGAAGGGGCCCCGGAACCAACCAAGGGGGGGGAAGGAAAAAAAAAAGGA A G G G G G GCCGGCCGGGGGGCCGGGGGGGGGGGGGGGGGGAAAACCAAGG AA $\operatorname{l}$ GCCAAGGGGGGAAAAGGGGGGGGAAGGAACCAAGGAAGGGGGGCCG GAAGGAAGGAAAAGGGGAAAAGGGGGGGGAAAAAAGGAAAAAAAAAAAAA AGGGGAAAAAAGGGGGGAAAACCGGGGAAAAAAGGAAGGAAGGGGAAGG AA G GAAGGGGGGAAGGAAGGGGGGAAAAAACCGGAAAAGGGGAAGGCCA AGGGGAAGGAAAAAAGGAAGGGGAAAAGGAAGGGGAAGGAAGGAAAAAAG

GCCCCAACCAAGGGGGGGGGGAAGGGGAAAAGGGGCCGGGGAAGGCCCC GGAAAAAACCAAAAGGAAAAGGCCGGGGGGAAGGGGGGAACCGGAAGGG GAAAAGGGGGGGGAACCGGGGAAAAAAGGGGAAAAGGAAAAGGCCAAGG GGGGAAGGGGGGCCAAGGCCGGGGGGAAAAAAGGAAGGAGAAGGAGGGG AGGGGGAGGAGCCAAGAGGAAGGAAAAAAGAGGAAGGAAAAGGGGGGAA GGAAGGCCAAAAGGCCGGAAGGGGGGAAAAGGGGGGAAAAGGGGGGGGA GAAGGGAGGAGAAAGAGGGAAAAGAGGAACAAAGGGGAACCAAAGAGCAA ACAGAAGAGGAAGGGACACGAACAAGGACAGCCGGATGGAGAGAGAGGAG AA $\operatorname{GAGAGGAGGAAGGGGAAAGAGAAGAAAGACAGAGAAGAAGGGGAAGGA}$ AGGGGGAGAAAGGAAGGGGGGAAACCCGAGGAAGGAAGAGAAAAAAGAAA GAGAAAAAAAAAAAGGGAGAAAAAGAACCGGGGAAGGGGAGCCAGGGAGG GAGGAAAAAGGGAGACAAAAATTAACCGGGGGGAAAGCCAGAAGAGGTTG AAAGAAGGAAAGAGGACGGGACCGGGGAGGGGGAAAACCAAGGGGAGAAC CGGCAAAGAGAGGAAGAAGAGGACCAAAAAGCCAAAAGAGACAAACAGAA GGAGGGACCAAAAGGGGGGAAAACCAACAAAACGAGAGGAAAAGAGAGGA AGGAAGGGGAAAAGGAAGGGGAGGGGGGGGGGGGAACCGGAAGAGGAGG GGAGAAGAGGGAAACCAAGGGGGACAGGAAGAAAAAAACAAAAAAAGGAA AGGAGAAAAGGAGGAAGGAGGGAGAAAAAAGAGGAGAGGACCCCAAAAGA GAACGGAAGGAAGGGGCCAAAAAGAGCCAAGAGAAAGGAAAAGAGAAAAG GACAGGGGAAGGAAGGGGAAAAAAGGAAAAGGAAAAAAGGCCAAGGGGAG AAGAGGAACCAGCCAGAAAAAGGGGAAAAGCGCAGGGAAAGGAGAAAACA GGAAAAGGGGAAAGTAGAAGGGGGGGCCCCAAGGAACAGGGGAAGGAAG GGGAAGGGGGAAGCAGGGGGAAAGGGGAAAAGAAAAGGGAAAGGGGAAA CCAGAAGGGGGGAAAGGGGGGAGGGGGGGGAACACAGGAGGGAAAAAAA AA G G GAACCGGGGGGAGGAGGGGGGAAAAGGGAAGGGAGAGCCAGACCC AAAGCAGAGGGAGGAAAGAAAAGAAGGAAACCGGACAAGGGGAGGGAAAA AAGGAAAAGGAAGGGGGGCCAAGGAAGGAAAACCAAGGCCGGGGGGAAAA AAAAGGAACCAAGGGGAAAAAAGGAAGGCCGGAAGGAAAAAAAAGGGAAA GGAAGAAGGGAAAAAACCAGAGGACCAAAGAAAATTAAACGACCAAGGGG GGGAGGGCAAAAGGAGAAGGGAGGCCTAAGAGGGAGGGGGGAGGAAGAG GAAAGGGGAAGCAGGAGGAGGAGAGCCAAAGGGCAAAGACCAGAAAGGGG GAAGGGGAAAAGGAACCAAAAAACCGAAACCAAAAGGGGAGGGGGGGAAA ACCGGCCAAGGAGAGGAAAAAAAGAAAGGAAAAGGGGAACCAAAAAAGGA ATTGGCACACCCAGAAGATAAAAGAGAGGAAAAAAAAGAGGGGAGGGAAA AGGGGAAGAGGAAAGCACAAAAGGGGAAACCGGCCAAGAAAGGGCACAGG GAGAAAAGGAAGAGGGGGGAAGGTTAAGGAGACAGAAGGCCCCAAAAAAA AGGAAGAAGAAGGCCAAAGGATTCCACAAGAGGCCCCAAAGGAGGCCAGA CAGAGGGAGAACCAGCAAGGACCGGAAGAGGGAACGGTAAAAGAGAAAGG AGAAGAAGAAAAGCAAGGGCAGGAAAAAGAAAGGAGGGAGGAGGGGGAG GAGGAGGAGGAAAGCCGGAAAAGGAAAAGCGGAAGAGGCCGGGGATAGCC GGGGGCGGAAGGCCTAACAAGAGGCAAGGGAAAAAGAGGGAAAAAAAAGG GGAATTAAGAGGGGAAGGAAGGCGAGAAGGGGAGAAAGAAGAGGGAAGA AGGGGGAAGGGGGACGGGGGAGCAGAAGGGGAAAAAGGGAGAGAAAAAA AGAAAAACAAGGGGAAAAAGGAAAGGAAAAGAAGTTGGAAGGAAACCCGG CCCAAAAGGGGGGGAGGGAAGGAAAAGGGGAGGGAAGAGGGGGGGGAAA AAAGGAGAAGGGGGAAAGGAGAAGGAGAAGGAGGGAAAAGAGGGAAGAC AAGGCCGGGGGGAAGGCAGGGGGAAAAACCGGGGGGAACCAAAAAAAAAA AAAAAAAAGGTTAACAGAGAGGGAAAAGAAGGGGGAAGCAATAAAAGGGA GGGGGGGGGGCCGGGGGGAAGAAGAAAGGGGGGGAAAAGACCAAGGGGA AAACCAAGGAGAGAGAACAGAAGGGGGCCGACCAAAACAAGACAAGGCAC CGGAAAAAAGGAACCAACCAACCAAGGGCAAGGAAAAGGGGAGGAAGAGA GAGAAAGAAGACACAGGAAGGAAACGAGGAGGGAACCGGAAAAAGCAGAC CGGAAAGGGACAGAGGGGGGGAAAAGGAAGGGGCAAGAAGAGGAAAAGA GGGGCCGAGGGAAGAGCCACCCAAAAGAAAAAGGGGCAGAGGGGCCCAAG AGACAGGAGGAACCAACCCCAAGCAGAAGGAAAAAAAGAAAACCGGGGGG AACACAGAAGAAGAGAGGGGGATTGAAAAGGGAGGAAAAGGAGGGGGGAA AAAACCAAAAGGAGAGAGAGGGAGGGAGGGGGAAGAAAGAGGGGAAAAG GAACCAAGGAAAAGGAAAAAATTGGGGCCAAAAGGCCGACCACAGAACCA CAAAAAAAACCAAGAAGGAAGGGGAGGAAAGAACAAAGGAAAAGAGGAAA GGGAAGGGGGAAGGACCGAGGATGGGGAGAAGAGGGAAAGGGGCCAAGG CCAAAGGAGAAAGAGGAAAGGAAAGGAAGGCCAAGGGGGGAAAAAGCCGG

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A GAGGCCAAGAGGAGAAAGGAGGGGAAGGAGGGCCGGAAGGGGGGGGGG GGAAAGGCAAGGAACCGGGGGGGGGGGGGGAAAAAAAAGAAGGGCCGGA GGGGGCCCCCCCCGAAGCCACCCAAAAGACGCACAAAGAAAGGGGAGAAA GGGGGCCAACCAGCCGAAAAGGAGGACGGGAGGAAGGCCGGGAGGAATA GGAAGGAAACGGACGACAGAGAAAGAGGGAAGCAGAAGAGAAAAAAAACC AGAGCCGGGAGAAAAAGGGGGGGGAGGGAGAAAGGGGAGGAAGAAAGAA AA $\operatorname{GCC} \operatorname{CAGGAGGGAAAAAGGAAAAAGGGGAAGACAAGAGGGGGAAGAGG}$ GGAGAAAAGAAACCAAAACCGGGGAAAAGGAAGAAAGGGGAGGGAAAAAA GAAAAAGGAGGGGATTCCGGCAAGAAAAAAACCCAAAGGGGGAGGGAAAA CCGGGAGAACAACCAAGGGGAAGGGGTTCCGAAGAAGGAAGGGGAAAAAA CCGGGGAACCGGGGAAAACCGGGGGGGGAAGGAAAAAAAAGGAAAAGGG GGGCCAAGGAAGGAAAAGGAAAAGGAAGGGGAACCGGAAGGGGAAGGCCC CAAGGGAAAAAAAGGAAGAGAAAGGGGAGAGGGAAGGGAAAAGGAGGGA GACCGAAAGGGGAAGGAAAAGAGGGGGGATAGCCAGAGGGAAAAAAGGG GGGCCAAAGCAAGCAAAGAGGAGGACAAGCAGGGAAAAAAGAGGGAACCG G GAAAGGAAAAGGAAGGGGGGGGAAAATTAGGGAACCGAGAAGAAAAAAA AAGTACCAAAAAAGGAAGGAGCAAACCGGGGCCGGGGGGTTAAAAAAGGA GCCGAACCAAGCACAAAGGACAAGAATGAAGGGGAATAACCGGCCAAAAG G G G G GA G G G G GAAAAAAAAGGGGGGGGAAGAGAGAAGAGAACCAAGGAA G G A G G G G A G G A A A A A G G GCCAGAGGGCAAAGGCACCAGGAAGAGAAAGGA ACGGAAGGAAGGGGAAGGGGAAGGCCGGAGAGGGGGAAAGAAAAAAAAG G G G G GCCGGAAAAAGCCGGAACCGGGGAAAAGGGGAAAAGAAGGGAAGG GAGGAAAGAGGAGGGGAAGGAAACGGGGAGGGAAGGCAAAAAGAGAAGG GAAGGCCAGAAAACCGGGAGGAGGGAGGGGGAGAACCAGGAGGAGGGGG GGACAGCCAGAAAAGGGAGGCCCACACCCGGGGGGGGGGGCCAAGGCCG GGGGGAAAAGGGGGGGGGGAAGGAACCCCAAAAGGGGGGAAGGGAAAAA CCAACAAACCGGAAGAGGGGCCGGGGAAGGAAGAAAGGAAAAGAGGGGGG GCGGGAGGGGGAGGGAGGGAAGAAGAGAAGAAGGGGAAAGGAGACCGGA AAAGGGAAAGGGGGAGGAAGGAAGGGGGGGGGGAAAAGGAAAAGGAAAA ACGAGGAAGAGAGGAAAAGGGGAAACAGGACCGACAGGGAACCCAAGAGA AAAGAGAAGAAAAGGAAAAAGAGGGAAACGGGGAAGGAGGGAAAAGGAAA CCAAAAGGACAAGAGGGGGAGGAAGAAGGGGGGAGGAGACAAGGCCGAAC G GCACCAAGGAAGGGGGGGGAGAGCCAGAGGAGGGGGGCCGGGAACAGA GAAA GAA G GAAGGAAGGGGAAACAGACGAAGAGAGGAGGGAGAGGGGGG AAAGACGGGGACAGGGAAAGAAGGAGAAGGGGAGAGCCGGAAAAGGGGA AGGAGGAACAGAGGAGGACGGAAAGGAAGAAAAGGAAGAGGCAGGAAAAA AAAAGCCCCGGAAAAAAGAAGAGGGGGAGAAGGAGAAAGCAGGCCAGAGA AAGAGAAGGAGGAGAAAGAAAAACCAGCCAACCAAAAGGCCGGCCGGAAA AAAAGAGCGAAGGGAGGAGAGGGGGAGAAAAGGGGGGAACAAAGGGAAG CCAAGGTAAGGGGGAGAAGGAGAGGGGGGGAGAAGAGGAAAAGAAAAAG AGGAAAAAAAAGGAGAAGGGAGGAGGGGAAGAGGAGGGGGGAAGGAAAA AAAGAGGGGGGGGGACAAGGAGAGGGAAGGGGACGAAAGAACAGCCGGA GGGAAGGAGGAAACAGAAAAAGAAGAAGGGGCCGAACAAGGGGAACAACA A G G G G G A G G G CAACAGGGAAAGAAAGGGAAAGGGGGAGGAAGGCCGGAA G G A A G GAAAAGGGGGGGGCAGAGGGAGGGAAAGGAAGGGGGGAGAAAGG AGGGGGGGAAAGGGGGAAAAGCAAGAAAGAGCCCCCCAAGGCAAAGGGAA GCCAGGAAGAAGAAGAAGAACGGGGGGACAAGGGGGGGGAAAAGAAGAG AAAAACGGAGAGAGGAGGACAGAGGGGGGGAAGGGGGGGAGGGGGGGGA ACCGGAAGGGGACGGAAAGAGAGACGGGGGAAAGGTTGGGGAAAAGGAA G G G GCCCCCCAAAAGGGGGGGGGGAAGGAACCAAGGGGAACCAACCAAAA G G G GAAAACCGGAACCCCGGAAGGAAAAAAAAGGAAGGGGGGGGTTAAGG G G G GAA G GAAAAGGGGGGTTGGGGGGCCGGGGAAGGAAGGGGAAGGGGA AGGAAAAGGGGGGCCAAAAAAAAGGAAGGGGAAAAAAGGAACCCCGAGGA GAGAAGGCCGGGGGGGGAGCCGGAAAGAGAAAGGAAGAAAAGGGGAAAC GGAACAAAGGAAGGACAACCGGAGGAAAGGGGAAAAAAGGAAGGGGAACC G GAAGGAAAGAAGAGGAGAGAAGGAAGAACGGAGAAAACAAGGGAGAGGG GGGGGGAAAGGGGAGGGGCAAAAAGGAGCAAAAAGGCCGAGAAGAGGGA AGAACAGGGAAGGGGAGGGGGCAAGGAAAAAAAAAGGGGAAAAACAAGGG GAGCAGACCGGGGGGGGACGAGGCCGAAGGAAAGGAAACGAAGGGAGGA AGAGCCCAGGAGAGAGGGGGAAAGAGGGAAGGGGGGGGAGAAAAAAAAA AAAGGAAAGAGAGAAAGAGAGAACCGGAAGAGACCAAAAGGAAGGGGGAG

G G A A G G G A G G A G G G GAGAGGGAAGAAGGGAGCAAGAGGGGGAGAAAAGA G G G A G GAGACACGGCCAAAAGGGGAAGGAAAGGGGGGGCCAAGGAAGGG GACGGCAGAGGGGGGGGGGCCGGAAGGAGCAGGGAAAGGAGGGCCAAAA GGAATTACAGAAGGGGAAAAAAAAGGAAAAAATTGAGGGGAGGGGGAACC TTCCAGAAAAGGAAAGAGAAAAAACCGGGGGGCCGGAGAAGAGAAACAGA G G AC G GAGGGCCGGAAAGAGAGACAAGGGGGGAGGGAAAGGAGGCAAAG G G GAAGGGGAAGGAGGAGAGAACCCAACCCCGGAGGGGGGGAAAAAACCA AAAAAGGAACAAGGAGGGGGAGAAAGAGGAGGGGAAGAGAGAAGGACAG GAGGGGAAAGAACAAGGACCAAAGCAAGAAAGGGAGCAACGAAGGGCCAA CCGACCAAGAGGAAGACACAAAGGAGAGAAAAAAGGGAAGGGCCGGACGG GGAGATAAAAAGGAAGAACCGCGGAGGAAGAAGAAGGGAAAGAAGAGGAA GGGAAAAAAAAAGGGGGGGACCAAGGGGAGAGGAAGCAAAAGGAGAAAGA GAAGGGAGACAGAAAGGGAAGGCCAAAAGGGGAACCGGGAAAACGGAAGG AAAAAACCAGAAGGAGGGAGAAAGGGAGGGAAGGAAAAGGACAACCACAA GGGGGGGGGGAAAAAAGAGGGGAAAAGGAAAAGAGGGGAAGGGGGAGAG AAAGACCAACCAAGGAAGGGGAAGGAGGGAAGAGGAAAAAAAGAAGGGGG GAAAGGGGACCAAAAGGGAAGGAAAGGAAGAAACCGAGGAACCGAAGCAG ACCGGAAAAAAAACGCGGGGAAAGGAAAAAAAAGGCCAAGGAAGGGAAGG GCCGGGAAAAGGAAGGAGGAAGGAAAGGGAAGGGGAGAAGAGGAGAAGG GAAGGGGGGGGGAAAAGACAGGGGGGAAGGAAAGCAGAACAGAGAGAAG GGGGACCAAAGAGAAAGAAAGAAGAGAGGCCGGAAGAAAGGGGCAAGAAG GAAGGCCAACCCCGAGGGGAGGGAAGGGGAAAAGGGGAACCGGCCAAGG GGAAAAAAGGAAGAAGAAGGCCGGAGGAGGAGAAGGAGAAAGGAGGGAG G G G G G G GAGGGGGTTAAAACCCCAACCGGGGAACCAAGAAGGAGGAAGGA AAACAAAGGAAGGAAGGAGAGCGAAAGAGAAAGGGGGAGAGAGGAGGGG ACAGCCGGGGGGAGACGAGGACAGAACAGGAAAGAAAAAAGGAGAAGAGG AAAAGGGGACAAAAAGGGGGAAAAAGAAAAACGGAAGCCGAGAGGGGGGG AGAGAAAAAGGGAAGGGAGGAGCCAAGGAGGGCAGGGGACGGGAGAAGG AAGGATTAAAAAAAGAGGGGGGGAGAAAAAGGAGGAACCAAGGGGAAAGA AAAAGAACAAAATAAGGGGGGAACCAAACTAGGAAAAAAGGCCAAAACCA AAGACACGGAGAAGGAAAGGGAAAGGGCCAAGGAGGGGAGAGAAAACGGA CGAGGGGGGGGAAAGGGGGGGAGGAAAAAAAAGACCAGGAAAAGGCGGA AAAAGGGGGGTACGCCAAAGGGAGGGGGACCCCCACGAAGGGAAGAGAGG CCAACAAAAGAGATGGAGGAAGGGAAAAAAGGCCGGGACCGGAAGGAAGG G GAGGGAAAAAAAGGGGGAGGGAGCCCCGGGAAAAGAGGGGGAACCAAAA A G GAAA G GCCGAGAGGGGGCGGGGGAGAACAACCGGCCAAAGGAGCGAG GCCAAGGAGAGAGGGAGGAAAGGAAAAGGAAAAGGGGAAACGAAACAAGG G G G A GCAGACAGGGAAAGGAAAAGGTTACAGAGCCCCGGGAAGGGAAGAG GGGGGAAAAAAGAGAGAAAGGGGGGGGGAAGGAAAAAGGGGAGAGAGAA AAGAAAAAAAGGGGAAAGAAAAAACGCCGGGAGGGGAGGGGGGAAGGGA GGGAAAGGGGGAAAAAGAAAAAAAGAAAAAAGGAAAGAGACCCAAGGGGA CAAGAGAGACCAAGGGGAAAAAAGGGGGGAAAAAGCAGGGAAGGAAAGGA AGAAACCGAGGAGCAAGGGCCGAGAAGGAAGCAAAAACCAAGGGGAACCG GGAAGGGAAAGAGAAGAAGGAAAGGAAAAGGGGGGAAAAAGAGGAAAGG G G G G G GAGGAACGGGAAAAAAAGGTTGGAAAAGGAGGGCCCCAGCAAAAA AGGAAAAAAGAAAGAAGGAAGAGAAGAGAAAAAACCGGAAAAGACCAAAA GGCCAAAAAAAAGGCCCCACGGGGGGGGGGGGAAAACCGGGGGGAAAAGA AAACGAGGGAAAAGGAGGAACCAAAAGGGGGAGGGGGAGGAGAAACGAG GACGAGGGAAGGAGGAGCAAGGGGGAGAAAGAAAAAAGGCCGAAAGGGAA AGAGAGGAACCGGGAGGAAGGAAGGAAAAGGCCCCGGAAAAGGAAAAGGG GCACAAACCGGGGCCAGGGAGAGGGGGAAGGGGGAGGGGAGCAACGAAA GGAAGGGAAGAGAAGGCCGGGGAAAACCGGAGCCGAGGCCGAGCAAGGG G G G G G A G A A A A G G G GAAAAAAGGAAAAAAACGGAGGAAGAGGGAAAGAGA GGAGGAGAACCGGAGGGAGAAGGGGAGGGGAAGGGGGAAGAAAGGAAGA
 G G G G G A GAGGAAA GAAAGGACGGGGAAGAAAAGAAGAGGGGAAAAAGGG CCGGGGGAGAACGGAGAGAAAGCCAAAAGGAAGGAAGGAAAGGGGAAGGA AA GAGAAAAGAGAGAGGGAAGGAACCGGGGAAGAGGAATAGGAGAGAAAG GGGGGGGGACCAGAGGGGGGCCAAAAACAGAAGGAAGGAAGAAGAGACG AAAAGGGGAGAGGGGAAACAGGAAGGAAGAGGGAGAGAAGAGGCCAAAGA AGGGGCAAAGAGGGGAAGGGGGGGAAAAAAGGGCCGGCCAAGGGGAAGG

AAGGGAAACCAACCGGGGGGCCAAAAAGGAGGGGAGTTGGAGCCAAAACC GGAGAAAAAGGGGAGGGGAGAGGAGACCGGGGGAAGGGAACCAAAAAAG GCAAAAGAAAAAGGGAAAGAGAGGGGGGGAAGGAAAAGAGAGGAAAGGG GGGGGAAGGAGGCCGGGGAGAGAGGGAAGGGGAACCAAGGAAAAGGTTC CAAAGAGAAAAAGCCGGGGAAGGGGAAGGAGAAAAAAGGGGGAAGGAAAA GAAGGGCAAAGGGCCGGGGGGATGAAAAAAAAGGAAAGGAGGGGAGAAG AGGGGGGAAAAACCGGAGCCGGGGAAGGCCGGGGAAGAAAAGAGGAGGG AAAAGAAGGCCCAGAGGGGGAGAGAAAAAAGGGAAGGAAAAAAAAGAGGA GGGAAGGGGGGAACGGGAAGGCAAAATAAGGGGGGGAACGCAGAAAACC GGGGGGGGGGGGGGGGAACCAAGAGAGCCAAGAAAAGGAGCAAGCCGAA GGACCGGCAGGAAGGAGAGGGAGGGAAGAAGAGAGGGGAAGAAAGGAGA ACCCAGAAGGGGAAAAAAAAGGAACCAATTGGAGGGGACAAAGAGGCCAA GGACGAAAAAGAAGGGCAGAAAAAGGAGGGGGAAGGGGGGGGAAGGAGG CAGAGCAGAGGCCAGAACAAGGGGGGAGAAAGAAAAGAAGGGAAGGGAAA CACGAGGAGAGAACAGGAAGGAACCGGAGAGAGGGAAGGCCAGGAGAGGA AGGGGGGAGGGGGAAGGGGGGAGAGAAAGCCGAGAGAGAGACAGGAGAG GAAAGAAAGAGACCGACAAGAAAAGGAGAGAAAGGAGGAAGAAGGGGGAG AACCAAGGAAAAGGGGAGAGGGAGAGAAGGGGGAAAGGGAGAACAGGGA AGGAGAGCAGAGAGGCGAAAGGAAGACGAAAAAAAAAAGACGGAAAAAGG AAACCGAAGGCAAAGGGGCCCGGGGCCGGAGGGGGCAAGAAAGCCAACGA AACGAAGAAGAGGGGGGAAAAGGAGGAAGAAAAAAGGGGCCAAGGGGACG GGAAGGAGGAAGGAGGGAGGGGGGGGGCCGAAAAACAGAGGAAAGGGGG AGGGGGGGGGAGAAAGAAGGAAGGAAGGGACCAAAAAGGGAGAGAGAAG GGAGGAAGGACAAGAAAGGAGAAAGACGAAGGAGAAACACAAAGGAGAAA GCACCACAAAGAAGGAAGAGAAGAAAAGGGAAAAGGGGGAAACGAAAAAA GAAGGAAGGAGACGAGGAAAGAGGGAAAAACAGAGCGAAAAAGAGGGAGA AGGCAGGAGGACCGAAAGGAAGAGAAAAGAGGAGGGGGGAAGAGGAAGG GGAAAGAAGGGAGGAAAGGGAGGAAACCTAAACCGAACAAGGAAGGCCAA AA G GAAAAGGGGGGCAGGGGAGAAGGGGGGCCGAAAGAGGAAAACCAAG GAGGGAGGGCCGGAAAAGGAAGGGGAAAGAAAAGGGGCCAAGACACAAGG GAAGGAGCCAGAGGGCGAGGAGGAAGAGGGGAAAAAAGAGAAGGGGGAA GGAAAAGGCCGGGGAAGGGGAAAAGGCCAAAACCCCAAAAGGGGGGAAGG TTGGGGAAAAAAAAGGAAGGAAAAAAAAAACCCCGGAAGGAAGGAAGGAA AAGGAAGGGGAAAAAAAAAACCCCGGGGGGCCGGAAAAGGGGGGAAAAAA AA G G G GAA G G G G GAA GGAACCGGAAGGGGAAGGGGAAAAGGGGAAGGG GGGGGGGCCAAAAAAAAGGGGAAGGCCGGGGAAAAGGGGAAAAAAGGGG GGGGAAGGGGAAGGGGGGGGGGAAAAGGGGAAGGAAGAGGAAGGGGAAT TAAGGAAAACCCCGGAAGGAACCAACCGGGGAAGGAAAAAAGGAAGGAAG GGGGGCCAAAAGGGGAATTGGGGGGAAGGAAGGAAAACCAAAAGGCCGGC CGGAAGGAACCAAGGAAGGGGAAAAAAGAAAGGAACCGGGGGAAGGACCA GACGAAAGGGAAAGGCCGGGAGGCAAGAACCAAAAAAAGAAAAGGAGGGA ACAAGATGGAACCGAGGAAAAAAAAAACCGAGGGGAGAAAACCGGGGGAA GAAGGGGGGGAGGAACAGAACGAGAAAAAGGGGGGAAGAGAAAAAGAAAA ACCGGGGACAAAAAGGAGAGACCGGAAGGGGAGCCAGGGGGAAAAAAAGG GCCAAGGAACAAACCCCGGCAGGGGGGAAAAAAAAGAAACCGGCCAAAAA GAGGGGGACGGAGTTAAGAGAGGAGCCGGAAAAAGAGCATTGGAAGGGG GGGGGGGGAAGGGGGGAAGGAACCAAGGACGAGGACGAGGAAGAAGGCG GGGGGGGGGAAACGAGGCGTAGGAAAAAGGAGGAAAAGGGAGGGGAAAA GGCCAAGGGAAGGGCCGGAGAAAGAGGACAAAGAGGAAAAAAAACCGGGA AGGAAAAACCAGAAAAGACCCCGAAAAAGGAAGAAACAGGAAAAGGGAGA GAAAGGAGGGAAGGAAGAGGGGTAACAGGAAACATAGACGAAGACCAAGG AA $\operatorname{GGGGGAGGAAAACCAAAAGGAAGGAGAAAGAAACAGGAAAGCGAGGAG}$ GCAAGAGGGGGAGAGGCAAGGGAAAGGAAGAAAAGGGGCCGGAGAAGAA AGGGGGAAGAACCGGGGGGGGAAGAGAAGAAGGAAAAAGAAAGAGCAAG GGGAAAGGGGAACAAAAAAGAACCGACCAAGGCCGGCCGGGGCCGGAGAA GAAGCGGGCCAAAAAGAAAAAGGGGGCCAAGGCCAAGGGAACGGGGAAGA GGGGGGAGACAAAGGAAGGAGGCCGGAGGAGAAAAAAAAAAAGAGGGGAA AGGGACAAAAGAGAGAAAGAGGAAAAAAGAGAGGCCGGAGAGAAGGAAAA CACAAAAGGGAGAAAAGGCCGAAGGAAGGGGGGGAAGCACGCAGAAGGAA GGAAAAGAAGGGACCCCCGGCCAAGGGAGAAAGGGGAAGGAGAAAGGAAA AAAAAACACCAAAAAAAAGGGGAAAAGACAGGAAGAGGGGGGAAGGGACC

AA G GGGGGCCAAAACCAAGGCCGGGGGGAAAAGGAACCAAGGACGAGGAA AGGGAGGAACGGAAGGGAGGAAGGGGGGGGGGCCGGGGGGCCAAAAAGA GGGGGGAAAGAAAAAAAATAAGGGGGAAGCAGAATCAGAAAGAACAAAAG AAAGGAACCGACCTAAAAGAGGGCAAAAAAAGGAACCGGAGAGCAATGGA AGAAGAAGCACAAGGGAGGAACAAAGGGATTAACCAACCAAAAAAGGAAA AAAGGGGGAAAGGAGAGCAGGAGAAAAAGGGAGAAAGAGACAGGGAAGG GGAAGGAAAACCAGCAAAGGGGAAGGGGAGACAGGACCAGGAAAAACCAA GGAGAAAAGGAAAAGGGGCCCATAAAAAGAAGGAGAAAAACCAAAGAGAA GGAACAAAGACACACCACCAAGCCGGGAAGGAATAAAAAGGAAAAAGGGG AA $\operatorname{la}$ GGGAGAGGCCCCGGCGAGAGGGACAACAGGGGGGCCAAAAGGAAAA CAGGGGAGAGACACAAGGGGCCGGGGGGAAACCGGGCCGAGGGGAGGAA AGGGGGGAGAGAGAAAGAGAAGAAAAACCAACCGGGGCAGAAGGGTTAAA ACAGAGGGGACAGGGGGCCACGGGGAGGGAAAAAAAGAACAGGAAAGGAG GAAAGGAGAGGACGGAAAAGGAAGGGAAAGGGAAAAGAGAAGGGGCCAG GAGGAAGAAAAGGAAGAAAAGGCCAAGGAAAGAAGGGGGAAAAAAGGAAG AGAACCGAGGAGAAAGGAGGAAAGAGAAAACAGAGAAGGGAACACCGGAG GGACGGAGGGAAAAGACAAAGGAAGGCGGAGGAAAGGGCACCAAACGGGG AAAGAAAGGAAGACGAGGAAGGAACCAAAGATAAGGGGGAGAGAGAGGCC GGGGAGAAAAAAGACGCACCGGGGCCGGGGGGAAGGGAGAAGGGACAGG GAACAAAAGAAAAGAAACAGAAGGAAGGGCACAAAAGAAACGGTACCAGG GCCGGGGCCAAAAGGGGCCAAGGCCAAGGGGAACCAAGGAAAAGGAAGGA AGGGGAAGGTTCCAAGGAAAACCAAAAAAAAGGGGAAAAAACCAAGGGGA AAA G GCCGGGGGGAAAAGGGGGGCCAACCGGGGGGGGGGGGGGAAAACC CCAAGGAAGGAAGGAAGGGGGGGGAAGGAAGGAAGGGGCCAAGGAAGGG GGGGGCCAAGGGGAAGGCCAAAACCAAAAAAGGGGCCAAGGGGGGGGCC GGAAAACCCCAGAACCAAGGGAAAGGGGGAGAGAAAGAGAAGAAAAGCGG AAAAGGAAAAGGCCGGCCGGGGGGAGAGAAGGAAGGGAAGAAAAGAGGG GAAAAAAAAAGAGGGCAAAGACCGAGAGAAGGAAAAAAAGAGAGAGAAAG AAGAGAGGAGGGGGGAGGAAGAAAAGGGGGGAAGGACAGCAGGGAAGGG AAAAAAAAGGAAGGGGAACCAGAAGGCCAAGGGGCCGGGGAAAAGGAAGG GGGGAAGGAAAAGGAAGACCAAGGAACCAGGAAGCCACAGGAAAAAGGCA AAGGCCAGCCGAGGAAGGGGCCGAGGAAGGGGAACCAAGGGGAGGAAACA AGGGAGGGGAGGCCAAAAAAAAGGAAAAGGCAGGAAAAAGGGGGGGCCGA AGGGACAAAGAACAAGAACACCCCTTAACCCCAAAAAAAAAACCAAGGAAG GGGCCAAAGGGCAGGGAAAGGAAGGCCAAGGGGGGAAGGACGAAGAAAAC CAAGGAAGGAGCCAACAGAGAAGAAAAGAGGGAGATTAAAAGGGGAAAAA AA GAGGAGGGAAAAGGAAAAAGGAAAAAAAAGGCACCGGGGAAAAGGAAA AGGGGAGAAGAGAAAAAAAAAAAGGAGGGCCGGGGGGAAGGGGACAGAG AAAGCCAGAACCAACCAAAGGGAGAAAAGGGGAAAAAAAGGAGGCCGGGG GGACCAGGGAGGGAGGGGAAGGGCGGGAAGGGGGGGAAAAAGGGAAAAG AACGAGAGGCCGGAGGGGGGGGGAGGGAGAAGGATGGAAAAGGAAGAGG GAAAGGGGGAACGGAGAGGAAAGAGGAAAGCCAGAAAAGGGGAAAAGGGA AAGACAAAGGGGGGGGAATTAAGGAAAAAAAAAAAACCAAGGAAAAAAGG GGAAAAGAAAGGAAGGAAAAGGAACCAAGGGGAACCGGAACCGGAAGGAA AAGGAAGGGGGGGGAAGGAACCGGCCAAGGAAAAAAAAGGGGGGGGCCC CAAGGAAAAGGGGGGCCAAGGGGGGGGGGGGGGAAGGCCAAGGAACCAA GGGGAAGGAAAAAAGGGGAAAAAAAAGGGGAAGGCCGGGGGGGGAAAAA ACCCCGGGGGGGGAAGGCCAAAAAAAACCAAGGTTGGGGAAAAGGGGAAA A G GAAAAGGAACCAAGGGGGGGGGGGGGGAAGGTTAACCGGGGGGAAAA GGGGCCGGGGAGAAGGGGAAGGAGCCAAGAAAGGGGGGGGGAAGGGGGA GGGGAAAGACAAAGGCAGGGGAAAGAAGGGGGGGGGGAAGGAGATACAG GGAAAGAAAGGAGAGGAAGGGGGGGGGGGGCCGGAACCGGAAAAAAAGG AAAAGAAGGAACAGAGGGAACCCAAAATTCCGACCGGAGAAAAAAAAGGG GAAAAGGGGAGAAAAGGGGGGGGACGAAAAAGGGAAAAAAAAAAAGGCAG AAAAAAAGGAAGAAAAAAAGGGGGGAAAAAACCAGCCAAATGAAAGACAG CAAGAGGCGGGGAAAGAGAAACACCGACCGGAGCCAAAAGAACAGGAAAA CAAAAAGGGGGAACACCAAGGAACAGAGAGGAGAAGGAAGGCAAAGGGAA GACGAGGGGCCACAGGAAAGGGGGCAAAGGGAAGGGGGGGGAGAGCGCC GGGAAAGAGGGGGGAGAAGGGAGGAGCCCAAAGGAAAAACAAAGGGAAG GGGCCGAGGAAGGAAAAACGGGGGGCAGAGGGGAAAAAAAGAAGAGGCC GGGGAAGGAACCGGCCGAGGGGAAAAGGGGAAGGTTCCGGAAGAAGAATT

GAGAGGAACCCCGGAAGGGGGAAAGGGGGGCAGGGGAAGGAAAAGAAAG GGGCCAAGGGGCCGGGGAAAAAAGGGGGAAAACGGAAGGCCAGCCGGGA CAGGCCAAGAACAAAGAAAAAAGAAGAACCAACCGGCCAACCAAAAGGCA GGCCGAGGAGAGGGGAGACCCCGACAGGGGGGCCGAAACCGGGGGAAGG GGGAAGGAATTAGAGAGCCAAGGAGGGAGGAGGCCGGAAGAAGAGGAAG AAAGGGAGAGACGGCCGGAAAAAAAGGAGGAAAGGGTTGGAAAAGGAAGG AGGGCCAGGGAAGGGGGGGGGGGGGGGGAGCCACGAAGGGAAGGAAAAA GCCAGGGACGGAAAAGGGGAAAAGGGAGAACAAAAAAGAGGGGACAGGGG GGGAAGGGGGGGAGGGAGGGAGCGGGGAAAAGGAAAAAAAAAAGGCACA GGAA GAAAGGGCGGAAGGGAAAGGAAAGAGAAGGGGGGACGGGAGGACA CGGACACGGGGAGCCGGAGCCAGCAAACCAAGAAAAGCGAAGGACAGAAA GGAAGGGAAAAGGGGGACCGGAGACAGAAAGGGAAGGCCGGGGAAAACCA AGGACACAACAAAGGAAAAGGACGGGGAGAAAACCGGAAAGGGGAGAAGC CGGAAGAAAAGGAGGAGACGGAAGAAGAACCGGAGGAGGGAGGGGACGA AGGGGGAAAAGGAGAGGAGGAACCGGGGAAAAAAAAGGGGGGAAGGAAC CGGAGACGGGGAAGGGGGAGAGGGGAGAAAGGGGGGGGGGGAGAGAGCC GGCCGGGGGGAGAAGGAAGGGGGGAGGGGGAAAAGGAAGGAGGGAGAAA CAGGGGAGGGAGAAACCTAAAAAGGCCGGGGAAGGAACGGGAAGAGGAG GGCCAGAAGGGGAAGGAAGGGGAAGGGGGAAGGGGGGGAAAGGGAAAAG GGGAAAAGGAAGGAAAACCGGCCGAAACCGGAGAAGGAAGGGGGAGGAAG AGGGGAACAGGTTAAGGAGAGGAAAAGGGACACGGGGAGAAAGAGGGAAC AA $\operatorname{la}$ AGGAGGGGGGGGGGGGGCAAGGACCGAGGGGGACGAGAAAAGGCC AAAAGGGGGGGGAACCGGAGGAGGCCGGAAAAGGGAAAGGCAGGCAAAA GGGAGGGATGGGGGGAAGGGAATAACCAAGGAACCAAAAGGAAGGGAAAA GAAAGAGGGGAGGGGAAGGCCACGGAAAAAAAACCGGGAGAGGCCGGCAG ACCAACCAGAACAGGCATTGAAGCCAAAGCCAAGGGGAAAAAGAGGGGGA AGGGGACGGAAAGGGGAAAAAGGAAAGACAAGGGGCCGGAAAGGGGGGG GGAGAAAACCAGGGAAGGGGAGAAGGAGAGAAGGAAGAGAGAGACAACGA GAGGGGAAAGCAGAGGAAGAGAGAAAGGGGAAAAAGAGGGGAAAAAGAAA GGGGAATTAAGGAAAAGGGAGGAAAGAAGGAGGAGGAAAAAGGGAAAAGG AAAAGGCCAGAGAAAAGAGGACACGGGAAAAACAAAGGAAAAAAAAAAGG AAGGAAAAAAGGAGAGGGAGAAGGGACCAGGGAACAGGAAGGGGGGAAG GGGGAAAGGGGAAGGAAAGGACATAATGGGGCCACCAAGAGACGGAGAAA GACGGGGAAACAAAAGGGGGGGGAAGGGAGCGACCGGGAAGAAAAGAAAA AAAAAAGGGAAACAAAAGGAGGAAGAAAGACAAGAGGGGGGGATAAAGGC GAAGGGGGAAAGGGGGAAACCAGGGCCGGAGCAAAAAGGAGAAGGGGAG CACAAAAGGGGGAGGGGAAGAGAGGAAACCCCAAGGAGCAGAACAGACCA GGGAAAGAAAAAAAAAAAGGAAGGGGGGAAGGGAAGGGAAGAACCGAAGG AGAAGGGAGGGGGGGAGGGACCAAGGGGGAGGGGGGGGAGGGGGAAAGA CGGAGGGGGAAGGAAGGAAAAAAAAAAAAGGCCGGGAAAGAAATTGGGGA AGAGGGGGAGGAAAAGAGAAAGGCCGGCCAGGGACAACCAAAAAAAAAAG GAAGGGGAAAGGGGAGGAGAGAATTAGCCAACAAAAGAAGAAAGAAGGGA TGGCCGGAAAAAAGAAAGGGATTCCGGAAAAGGAAGGAAAGGGCCAAGGC CCCAAACGGGGAAAAAAGGGGCCAAAGAAGGAAGAGAAACCAACCAAAAA AGAAAGGCAAAGATTAAAGAGAAAGCCGACAAAGGCCAAAGGAGGAGGAC CACGGATAAGGAAAAGGAAAGAGGGCGAGGAAGAGACGAAAGGGGGAAAA AAGGGAAGGAAGAAAAAGAAAGAGAAGGGCCAGGAGGAAGACCAACAAGA GAGGGGGGGACGAGGTAAAGGACAAGGAAAGGAAAAACCGGAAAAAAAAG GGGGGAGAGGGCGGGAGACCCGAGGGGGGCCCCGAAGGGAAAAAAAAAA GGAAAGAAGGAGGAAGGACAGAGGGAAAGGGAGAAGATAGGGGAAAGGA AAAGGGGAAAAGGAAGGAGCCGGCCGGAACAGGAAGGAAGAGAAAGGGGA AGGGAAACCGGCCAAAAAACCCCGGCCACAGCCGAGGGAAGAAAACCAGG AGGAAAAAGAGAAGAAGAAGGAAAGAGAACCAGGAGGGGGAAAGGCCAAA AAAGGAAAAAACAAGAGGGGGAGGGAAGGGGAAGAGGGGGGGCCAGGAA AGGAAAGGGGAAAAAAGGGGGAGGGAAAGGGGGGGGGGGGGAAGGGCAA GGAAGAACAGGAGGGGAAGACCGGGAGAGAGGGACAGGGGGCAGGAACC AAGGGGAAGGCCAAGGAAAAGGGGGGAAAAGGAAAACCGGGGGGAAAAG GAAAAGGAAAAGGGGTTAAAGACGAAGCAAGGGGGGGCCAAAAGGAAAAG GGGGGAAGGGGAAGGAAGGGGCCAAAAGGGGAAGGCCAAGGAAGGAAAA GGGGGGGGGGGGGGGGAAAAGGCCGGAAGGGGAAGAAAGGAAAAGGGGG GGGAAGGCCGGGGGGGGGAGAAAGGGGACGAGAAGAGAAAAGAGGGGAA

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 AACCTTAAGGAAAAAACCGGAAAAGAGAGGACACAGAGGGCAAGAACCAG ACAAAAGGGAGAAGAGAGGGGGGAAAAGCAGGGAGAAAAGAGAAAAAGGA G GCAGGGAGGGGGGAGAAAAGACCCCGGCCACAAAACCAAGACCGAGAGG GGACAAAGACAAGGAAGGAGAGAGGGGAATAGGGGGGGGGGGAGGGGGG GAAACAAAAAAGACCAGGGGACCAGGGAAGGACAAAGGGAAAGGAAAGGA ACCGAAAAAACAGGGATAACCAAGAGGGAGGAAGGGGGGCCGGAAGGAAG GGGACGAAAAATTCAGGAGGGGGAAAGAAGAAGGGAAGGGGGGGGGGGG AAAAGGGGAAGGAAGGCCGAGGCCAAGGCCAAAGCGGGAAGGGGAAGGG GGAAGGGAAAAAGGAGGAAAAACGGGGAAAGAATACAGAAAGGGGGGGG GGGGAAGGGAGAAGGGAGGAAGGGCCAACCGGGGCAGGAGAAGAGAAGA G G G A GA $\operatorname{l}$ G G GAGGACGGGGGGGGAAAAGGGGGGGGCCCCGGGGGGAGGG A G G GAAAGCCGGAGAAGGAAAAGAAGGAAGGGAACCAAAAGGAAAAGGCA AAAGAACCAAAGAGAAGAAGAAAACCGAGAAAGAGGGGCAGGCCAAGGAA AACAGAAGAACCGGGGAAGGGGAGGCAACCGGAAGGGGGGAAGGAGGGA AGAAGGGAGGAAACCCCGGAAAAAAAGGAGGAGGGCAGAGGGGAAGGGG AAAAAGACAAGGAAAAGGAAAAAAGAAGAGGGAGGGAAAAGAAAGGCAAG GGCCGGGGAACCAAAAAAGGAAGGCAAGAAAGAAGGCCAAAAGGGGCCAA CCGAAAGAGAACGGCCCCGGAAGAAGAGGGAAGAGGAAGGGAGGGAAAAA GGAACCCCGGAGAACAAAAGCAGGGGCAAAGGCCCAAGGGGGGAAAGGGG AACACAGGGGGAAAAAAAGGATAGAAGGGAGAAGGGAGGGAGGGAAGGAA A GCAGGGGGGGGGGGAAGGAAAGAGAGGGGGGGAGGAAGACCCAAAAGA CGGACAAGAGAAGCCACGGCAAAAAGGAGAAAAAGAGGAAAAAGGCCGGG GAACCACGGAGAGAGGGAGGGCCAGAGCCGGACGAGGAGGGGGGGAAGG GGGGAAAGGAGGCCGGAGGGGAAAAGAACCAGAAGGAGAGGAAGGGAGG AAAAAAAGGGGAAAATTAAAAAAAGAAGAGAGAAAGGGGAAGAAAAAAAA G GACCAGGAGGGGAAGGGGGGGGGGAAGGGGGGGAGGGAGGCAGGGAAA G G G GAA GAGGAAAAAACCAAAAAAGACCGAACAAGAGAGGGGGGGGGGCA AGAAGACCGGCCGGCCGGACGGGAGGGAACAGAAGGGAAAGAGGAACCAA ACCCAGGGAAGAACGGAGGGGGAAGGGGAAGGGGAGAAGAAAGGAAAGC AGGGGCAAAAAAGAACGAGCACCGGCCAAAGAAAGAGAAACGGGACCAAC CGAAGAGAAGGGGGGAGCCACCCCCGGGGGGAAGGGAAGCCAAGGAGAA
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GCAGGAGGGGGAAAGAAAACAGACAACAAGGAGAAAACAGCGGGAGGAGA AAA $\operatorname{l}$ GGAGGGGCCAAGGAAAAGGGAGAGACAAGAAGAGGAAAAAAGGCCG G GAAAGAGAAGCGACAGAGGGAAAGGGGGAAGGAGAACCAAGGGAAGCCG GCCGGCCGGAAGGAAGGGACCGAAGGGGGAGATGACGAAAGCAGAAAACG GAAGGAAGGAAAAAAAAAAAAAAGGGGGGGGAAAAGAAACCAAAAGGCAG GAAAGGGAAGGCAGAGAAAAACAAGAAAACCGGGGGGCCCCGGAGAGGGA CAGGGGAAGGAAGGGAAAAGGAAAAACGGCCGGGACCGGGGGGCAAAGG G G CAAAGGAAAGAGGGGATTGAAAAAGGCCGAAGGGGCGGGGGGCCGGC CGGGAGAAGAACCAGAAAAAGAGAGGAAAGGGGAGAGAACCAGAAGAAGG GAGGGGAGGAAGAAAGAAAGGAAGCAAAGAAAAAAGGAGGGGGAAAAGGA GGAGAAGGGCCGGGAATAAGAAAAAGAAGAACCGGCCGGGACAAAAAAGA AGGCAAAGGGAAAAGACAAGGGAGAGGAAGGAGGAAACCGGGGACCAGAA GAAGCCCCAAGCAGGCCCCGGAGGGGGGAGGCCAAAGAAGAGGCCAAGGA AGGAGGGGGGAAAGGCCGGGGGGACCAAACCGGGAAAGGAAGAAACCGG AA G GCCAAGGCCGGAAAAAGAGGAAAGGCCGGAAAAACAAAGGGGGGGGG AAGGCAAGAACCACGAACGGGAGAAAGGGGAGAAGGGGAAGGGGAAAACC GAGGAGAGGAAGCCAAGAGAGGGGAAAAGGGGAAAGCAAAGGAAAAGGCC GAGAAACCGGAAAAAAGGGAGAGGGGCCGGAGAGGCGGGGAGGAAGGGG GATGGGAAGGGAGGGCAAAGGGGGAAGAAGGGGAAACAGAGGGGGGGCA AACCCAGGGAAAGAGGAAAGGGGGGGAAGGGGAAGGAGGAGAAAGGAGG GAAGGTTAAGGCCAGGAGGAGGGAAAAAAAGCAGGGGCCGAAAAAAGAAA G G G G A G A A A A G AA GAA GAGGAGAGGAAGGAAAGGAGAAAAAAACCCCGAG G G G G G AAAACCCCAAAGCCGAGGTTAAAAAAAAAACCAGAAGGAACAAAC A G G GAAAAGGAGGGGAAAGGGAAAGAGCCAGAGCCCAGAGAGAAGGGGG ACAAGGAAGAAGAAAAGGAAAGAGAGAGAACCAAGAAAGGCAGGAGGAAA AA G G A G A GAAGGAAGGGGAGAGGAAAAGCAGGGAGGAAAACCGGACAGAG GAGAGAGAAAAAGAGGAAAGACCAAAGGGGGGAAAAGGGGAGACAGCAGA CCAGAGAGAAGAGGAGCCAGGGAAGGAAAACGAGAAGGGGCCAGGGAGGA GGAACGCCAGAGAAAAAAGGAAGGGGGGGGAAGGAAAAAAGGGGAAAAGG GGGGCCGACGAGAGGGGGGGAAAGGGCCAAGAGGGAAGCCGAGGGAAGA AGGAAGACAAAAAGGGGGGAAACAAAAAAAAAGAGGACCGAACGGGGGAA AAAGAGAGGGAGGGAAAAAAAACGAACGGGAGAAGGGGGAGGGGGAAAA G G G A GAGGCAGGAGGGGGGGAGCAAGAATTAAAAGAACAGGGGGAAGGA AAAGGAACCAAGAAGAAGGGGAGAGGGCCGGCCAAAACCAAAAGGAAGGA AAAAGGGGGAAGGGGAAGGAAAAAGGGCCGAGGGGAGAAGGGGAAGGAA ACAAGGCCGAGAAAGGAAGGGGGAACAAGGAGAAAAGGAGGGAAGAGAGG $22033000-9$ GGGGGGCCGGGGGGGGAAGGAAAAAAAAGGGGAAAAGGAACC C C C CAA G GAAAAAAGGAAGGAAAACCAAAAGGAACCGGGGAAGGGGGGGG AACCAAAAGGGGCCGGGGCCGGGGAAGGCCAAGGAAGGGGAAAAGGGGA AAAAAGGGGAAAAAAGGAAAAAAGGAAGGAAAACCGGGGCCGGAAGGGAG AAAGGAAAAAAAAGACCGGACAAGGGAAAGGAGGAAAAGGGGGCCGGACG G GA $\operatorname{A}$ GAGAAGGGGGGGGGGGGGGGGAAGGGGGCGATTGGAAGGAAGGAA AAAAGACCGGGGAAAAAGAACCGGGGGGCAGGCAGGAAAAAAGAAAAGAG GAAGAGGAGGAAGGAAAAACGGGGGGGGGGCCGGGGAAACGAGAAAGAA AAGAAGGGGCCGAGCAAAAAAGGAAGGAACCGGAACCACGGAGAAGGGGA AGGCCAAAATTAAAGAAAAGGGGAAAACCAAGGAAAAAAAATTCCGGGGC CGGGGCAAAAGAAGGGAAAGAGAAAAAGAGAAAAAGGCAAAACAGAAGAA GAAAGAAAGAAAGGGCAAAAGGGACGGAAGGAAAACCGGAAAAGAACGAA CAGCCGGCAGGAAAACAGGAAAAAAGGAGGGGGAGAAGAGGGAAACCAAA A G G G G G A A GCCGGGAGGAAAAAAGGGGGGGGCAAGAAGAGGAGAGGACC CAAGCAGAGGAAGACAAAAAAGGGGGAACCCCGGAGGGGGGGGAGGAGA GCAGGAAAAAAAAGAGACAGGAAGGGGCCAAGGGAAGGGCCGGTTGGGGA AAGAGGAGACCGAGAAACAAAGAAGGACATTAACCAAAAGGGGGGCCAAG AA G GAGAACCCGAAGAAGGAACCGGGGAAGGGGCCAGACAAGGCCGGAAC AAAGGAAAAGGAAAAGGAAAACCGGGACAGGCAGGGAAAGGAGGGAAAAG GAGAAGGAAAAGGGGAAAACCGAGGAAAAGAGGGGCCAAAAAGAACCGAG ATAACAGAAGGAAGCGAGAGAAAAAGAGGGGGGCCAAGGAAGGAAGGAAA AGAACAAAGTAAGATCCGAGGAGAGCAAAACGAGAAAAACCAAGGGGAAA GAAGGAAGACCGGAAAAGGAGACGGAAGAACGAGGAAGGAAGAAGAGGAA CGAAAGAGAACGGACAGGGAAGGAAGGGGAAAGGGGGGGGAAGAGGAAC AGCAACAAAGAGGAGGAGGAGGAAGACCCCAAAAAACAAGGGAGAAAGGA

CCAAAAACGGGGAGGGCAGATAGGTAGACCGAGGAGAAGGGAAAAGAAAA G GAA G GAA G G G GAAAAGGCCAAAAGGGGGGGGAAAAAAAAGGCCAAGGG GAAAAGGAAAAGGGGGGAAAACCGGAAGGCCGGAGGAAAGAAAAGGAAAA GAGTTGGGGAAGGAAAACCTTGGAAAAAAAAAAAAAAGGAGAAGAAAAAA AGGGGAAGGAAAAGGAAGGAGGGGAGAAAAAGAGGCCAAAAAGGGAAGAG ACCGGGGAAGGCCGGGGGGAAGGAACCGGCCAAAGCGCCGGGGAAGGAA GGCCAGCCAAAAGAACCCAGCAGAGAAAGGGGAGGGAAGGAAAGAGAGAA CAGGAAAAGGTTAAGGGGGGAAAAGGAAGGGGGGGGAAAACCAAGGAATA GAGGGAAGGGGGGGAAGGAGAGAGCAAGAGAAGGGGGGGGGGAAAAGGA AAAAAGGAAAAGAGGGAACAGCCAGGAAAAGAGAAAGGGGGAGGGGACCA GAGGGAAGGGAGACAGGGACCCCGGGAGGAGAACCGGAGACAAAAGAGGA GGGGGGGTAAGGGAAAAACCAGGAAGGAACCCAGGAGGGAGCCAAGGGG GGAGAAAAGACCAGGGAGAAAAGAAGGAAACCAAAGGGACCCGAGAAAGA AA GAGGATCAGGAGAGCCGGGGGGCCAAAAAAGGCCAGGAGAGGGAGGG GGGAGGAGAGGAGAAAAACGGGGAAGAGGAAAAGGGGAAGGGGGGGGAA GGAAAAAAGAGGCCAACCGGACCACAAAAAGAAAAAGGGCAAAAAAAGGG AAGGAAAAAAAAAAAAAAAAGGAAAAGGAAAGGGAAAAGGAGGGAAAAGG AAAGACGCAAGGAAGAGAAGGAACGGAAAGAAACGGAGGGAAGAAAGGGG G GAA G GCCGGCCAAGGGGAAGGAAGAAAAAGGCCAAGAGAACGGGAAGAG AAGACAGAACGGCCGGAGGGCCACAAGAGGACAAAAGGGAGGAAGAGACC AGCCGAGGGAACCCCAGAGGAACCGAAAGGAAGGAAGGAAAAGGGAGGAC GAAGGGAAGGAAAAGGGGCCAGGGAAAAAAGAACAAGGGAAAGAAACCCC AGACGAGGAGAGAGGAGAGACAAAAAGGCAGGGGACGGGAAGGAAAAAGG GAGGGGAAAGGGCCCCCCCCCCCAAGGGGAAAGGAAAGGAGAAGGGAGGG G G G A G GAA G G GAGGAAGAGGAACCGGAAAAGAGGCCGGGAGGAACCGGA AAAAAAAGGGGGGGAAGGGAGAGCCAGGGACAGGAGGAAAGGGCAAAAGA AGGGGCCAAGGAAGAGACCCAGGGGACGGAGGGGGAAAAAAAAACAGAGG AACGGAGAGGGGGGGGGAAAAAAGGAAGGAAGGCGATAGATGGAGAAAAA AAAAACCAAAAGGGGAAAAAGCCGGGAAAAGAAGAACGAAGGACAGAGGG GGAGGAAAGGAGGAAGGAGACAAAGAAGGGGCCAGGGGGAAGGAAAAAAA ATTAAAAAGCAAAAGGGGGGGAAGGAGAGGGGAGGAAGGGGGGCCGGAC AAGAAAAAAAGGACGGGGAAAAGGAACAGGCCAAAAGGAAAAAAAAAAAA AA $A$ AGGGAGAGGAAGGACAAGGAAAAGGGGGGAAGGAAGGGGGAAGAAC CGAAGGAGGGGGGCCAACCGGAAAAAACAAAAAACGAAAGAGGAAAGACG G G G G A G G G G AAAAAAAAAAAAAAAAGACCGAGAGGGGAAGGGGAACAGGG G G G GAAAAAAAGGGGGAAAAAGGAAGGGAGGCCCCGGGGCGGAGAAGAA GAGGGGGGAAGAGGCCAAAAAAAAGGGGAAGGAACAGGAAGGAAGGAAG GCCAAGGAAAAAGCCGACCCAGGAGGAATAGAGGGAGAGACGAAAAAGGG GAGGAAGAGAGAGAGAGGGCAGAAGAAAGAAGGAAGGAAGGAAAAAAAAG G G GAGGGATGGGGAGGGGAAGAAGGGGGGGGAAAAAAAAGGGGGGAAGG AA $\operatorname{l}$ GGGAGGAGGAGCCGGGGGAGGAAAAGGGAACGACCGAGGGGAGGAG GGGAGAGAAAAAGGGCAAGGGAGAGAAGAAAGGAACCGGAGCCGGAAAAA AAAGGGGAAGGGGAGAAGAAGAAGGAGAGAGGGAGCGAACAAAAACCAAC CAAGGAAAAAAAAAGGGCCAAGGAAAAAGAGAAGAAGAAGAAGAAAAAAG GGAGGGAGGGGAAAAAGGGGGAAGGGGAAGGAAAAAAAGAAGGGGGGGG AAGGAAGGGGCAAGAAAAGGGAACAAGGGAGGGAAAGGGGAAGGAGTTAA AACCGAGGATGAGGCCGGAAAAGGAAGGGAGGAAGGGGGGGGGGGGAGA GAGAAGACAGGACAAAAGAGGGAGAAGAAAAGGAAGGAAAAGGGGAATTG GAAAGCCAGGGAAGGGGGGGGAAAAGGGGGGAAGAAAGGGAACAGAAGA GGGAGAGAGAAGAAGAACAAACGGAAGAAAAGGAAAAGAAGGAAGGACAG TTGGGGGGAAAAAAAAAAGGAGAGAAGAGGGGGGAAGGAAGGCAAAGAGA ACAACCAGACAAGGGAGGGGCAGAAAGGACGGACGGCCGAAAGGAAGGGG AAAGGGAAAGTTCCAAGGTAAAAACAGGGAAAAAAAGGAAAAAAAAAAGG AACCAAAAAGAGAAGGAAAAAAAAAAGGAAACGGGGAGGGGGAGGGGGAA AA G G G G G G G G G GCCGGGGAAAAAAGAGAGAGACCGGCCGAAGAAGAAGG GAGAAAAAAGGCCAACCAAGGAGAGACCCGGAGGAAAAAAAAAGGAGGAG AAGGAAACCCAAGAGAGGAGGTTACGAGAGGACACCAAGCAAGACGGAGG GCCCCAACCGGAAAAAAGGGAAGCACAAGGAAGAGGGAGAAAAAGGAAGG ACCAGAAAGAAAGAAGAAAGAAGGGAGCAGAAGGAAGAGCACAAAAAAGA ACCAGAGGGGGGGAAGGAAAACCGGCCGAGGCAAAGGAGAGCCGGCCTTA AGGGGAAGGGGGGGAAGAAAGGACAGAAAAAAAGGGAAGGGAAGAAGACA

ACCAAGAACCAGAAGAGGGACAGAGGGGACCGGAAGGGGAAGGAGGGCAG GGGAAAGACAGAAAAAGAAGAAGACGGCCGAGAGGAAGACCGGTAAGCAG GAGGAAAGGGAAAAAAACAGAACAGGGGAGGGGGGCCAAAGGAAGGGGA G GAAAGGGGGCCAGAGAAGGACGAGGAAGGGGGGGGAAGAGGAAAGACA GCCGGCCAAAGAAGGGGAAAAGGGAAGGGCCGGAAAGCCGAGAAAGACCA AAACAGGGACCACGGAAGGAAGGAAGGGGAAACGGGGGGCAACAGGGAGA GAGAGAAAAAGAGAGGGCAACGGGGAAAAGGAAAAAAGGCCAAAAAAAAG GAA G GAAAAGGGGGGGGCCTTGGGGAAAAGGGGGGGGAACCAAAAGGAA CCAAGGGGCCAACCCCCCAAAAAACCGGGGAACCAAGGGGAAAAAAGGGG G G G G G G G GCCAAAAAAGGGGCCCCAAAAAAAACCAAGAGGGAGAAAAAGG AAAAAAAAGAGGAAAAAAGGAAGAGGGGAAGGGGGGAGGGAACCGGCAAC AAAGGGAAGGGGGGAAAGAAGGGGCACCAGGGAAGGAAAAGGGCGGGGA GGAACAGAGCAGGGGAGAGAGAAGGGAGGAGGGGGGGGAGGAGCCCAGA AAAAAAAAAAAGGAACGGGGAAACACGGAAATAGGAAAAAAGAAGAAACA AACAAAGGGGAAGGAAGAGGACCAGGGGGGACGGGGGGGAAGGGGGAAG GAAAACCCGAGCAAGACGGGGAAGGGAAGCAGGGGACAAAAGGGGAGAAG AGGAGAGAGAAGAGGCCGGAAAAAAAAGGCCAAAAAGAAGACCGGGGGGG G G GAGGGAAAGAAGGGGACGGACGGAAACGGGGGGCCAAAAGGGGAAGA A GCAGAGAGGAAGGGGAAGAGACAGGACAAAGCCAGGAGGGAAGAGGAG GAGAACAAGAGAGCGAGGGGAGGGGCGCCGAAGGGAACCATAAAAATAGA AATAAAAGGAAAAAAGGGAGGGGAAAAAGGGGAGGAGAAAGAACAGGGGG GCCGGAAGGAAAAGGGGGGCCCCCCAGGAGGAAAAGGAAGGGGAACCAAG GAAAGGGAACCAAGGAAGGCCGGGGAAGAGGAACAAGGGCCAGAAGGAAG A GAGGGGGGGAAAGGAAAAGAAGAGAAAAGGACAGGGACGGGGGGAAAA AA $\operatorname{A} A \mathrm{G}$ GAGAGAAAAGAGGAGGGGAGAAGAAAAGAGGGGGAGGCCAGCCA GGGACAGGGCCAGAGAAGGAAAGGAGGAAGGAGAGCCAAGGGGGGGGAA GGAAGGAAAAAGGAAAGGCCATCCCCAAAAGGGAAGGGGAACAAGGGGAT AA G G G G GAAGAAAAGAGAAGGAGAAAGGGGGGCCGGGGGGGACAGGAAA AGAGAAAAAAAAAGGGGCCGGGGCCAAGGAAAAAAAACCAAGAACCCGAA A GA GACAGAAGAGGAGGAGGGAGGGGGGGGGAAGGAGAGAGGGCCGGAG GGGAGGGGGGCCGGGGGGAAGGCAAAAAGGGGAAAAGGGGAAAAAAGGG ACAAAGAAAAGAGGAGGGGAAGGAAAGAAGAAAGAAGCGCCAAAGGAAAA GAACAAAAGAGAAAGGGGGAAAACCGGGAGGAGAAAGGACCAAGGGGGAA CGGGGAACCAGGGATAAAGAAGGAAGAGGGGGGAAAAGGGGGAGGAGAG GAAGCGAAAACCGAGGGAACCACAAGAACCCCGAACAGAAGGAGGGAAGG GGGGAAAAAGAAGAAAAAGGAGAAGGGAGGAAAGGACCGGAAGAGGAGG G G G A G G GCGGAAGCCAAGGAAGAGGGACCGGGAGGAATTAGGGAAAAAA G GAA G G G GAGAAAGCCAAAACCGGAAGGGGCCAACCGAGGGAGGAAAGAG G G G G G G G GCCAAAGAAGCCAAAAAAAAGGGGAGAGAAGAAAGAAAGAAGA GGAAGGCCAAGGCCCCGGGGGGGGAAAAGGAAAAGGGGCCACGAAAGAAG G GCAAAGGGGGGGGAAAGCAGGGAAAAACAAGCCCAAAGGAAGAGGAGCA AGGGGGGGGGCCAGAAGAAGAGAGAAAAGGAGAAACATGGCCCCGGGACC AAAAAAAAGGGGAATAAGGAAGGAGAAGAGAAAAGGGGGGAAAAAAGGGG CCGGGGAGGGCAAACCGGGGGGGGGGAAGGAAAGAGACGGGGAAAAAAA AGGAGGGGGGGAGGGAGAGTTAAAAAAGGGGGAGGAAAACCAAAAAAGAA GAAAGAAAAAAGAGGACCCGCGGAAGGAAAAGGGGAACAAGAGAATTGGG GAACCGGAAGGCCCCGAGGGGACGAAAGAGGGAAACCAAAAAAGACAGGA AAAGAGATAAAAAAAAGGCAACCAGAGCCAACCAAAAAGCCAAGGGGCCA AGGAGGAAAAGCAGAGGAAAGAAAGCCGAAAAAGGAGCACCCCAGCCCCA CAGCAGGAAAAAAGGTTGAGGGGCCGGCAGAGGAAAAGGAAGGGGGACAG AAAGAAGGAAAGGATGGAAGAAGCCAAAGAAAAAAGGAAGAGGAAGGAAG GAAAGGAGGAGAGCCGGAGGAAAGGGGAGAACCAAAAGGGGGGAGAAGA ACACAGAAAGGGAAGAAAAAGGAGGAAGGAAAAAAAAAGGGAAAAAAAAG GAGAAAGAAAGAAAAAAAGGAAGAGAGAAGAGGGGGGGAGAAGGAAGAGG GGGGAAGGACGGAAGGAAACCCGGAAAAGGAAGAAACAGGAGACGAAGAG GGAGAAGGCCGGGGAAAGGAGGGAAAAAGGGGAAAAAAGGCAAAAGCCCC G GAAGGGGCCAGGAAGCCGGGAAAGGGGCAGAGGCCGGACAAGGAAGGA ACCGAGGAACAAACAGGCAGGGGGAAGGACCGGAGGGGGAAAAGGGGAAA AGGCCAAGGAAGGAAAAAAAGGACCTAGGGGCCAGAGGGAGAAAGAGGGA AGGAAGAAGGGACGGGGAGGGGGGAAAGGTTAAGGAAAAGGGGAAAAGG GGAGGAGAGAAAAGAAAGAGGGGGAAAAAAGGAAAGGAGGAAGGAGGGA

G G GAGGAGGAAGGCCAAGGCCAGGAGAGAGGGGCCGACAGGCCGGGAAG AAAAGGAAAAAGAATTAAAACCAAAAAAAAAAAGCCAAAAAACCAAAGCAA AAGGGGGCCGAGGCCTTACAGGAAGGGAAAAAACGCCGGGGCAGAGGAAA GAAAAAGAAAGAGATGGGGAAAGAGCAGGAACCGGAAGACCAAGAAGGAG G GA $\operatorname{l}$ GGGGGCCATGGGAAGGAACGGGGAAGGGGGGAAAAGGGGGGAAAA AAA $\operatorname{l}$ GGGGAGAAGACAGAGGAACAACGAAGGAGGGGAAAGACCACCAAGG G G G GAA $\ln$ GAGCAGGGGGGAAGGAAAGGGGGAGAAAACCAAAAAAGAACAG AAGGAAGAAAGAAACCGGAAAAAGAACAGGAAGAAGACGGAGGAGGGGTA AGAAAAGGAACCAAGGAAAACGAGTAGGAGGAAGGGAAAGAAGGCCAAAA AAAAAAAAACAGAGGAGAAACCCCTACCGGGGAAGGTTAACCACAAAGGG CCAAAAGGGGGGAGAAAAGGTTAAGAAGAAAGGGAGGACAAGAAGGAAAA AACCGGCACAGGAAAAAAGGAAGGAAAAAAGGGGAAGGGGGGAAAAGAGG GAGGCCAGAAGGAGAGGGAAGAGGAAGGAAGAGGGGGGGGAGAAAGAAG GGGAGAGAAGGGAAAGAGGAAAAAAAAAAAGAGGGAGGGGGAAAAAAAGG AAGAGGGGGAGATGGGAATGGAGGGAAGGCAGGAAAAGAAGCCAATAGGA GCCAAAAAGCAACAGCAGAATGAAAGAAAAAACAGAAGAAGGGAAGGAGA AGAAGGGAACGGGAAAAGGGGCCAATTACGGGACCAGAGGGAAAAAAAAG GAACCAAAAGACCAAGGGAACGAAGGGAGAGAAAACCGGAAGAAAAGGGC AAA $A$ AAAAAAGGGGGGGAGCCCGGGAGCGAAAAAGAACCAACGGGGGGGG GAACAGAGGAAAAGGAAAAGGGGGAGGAAGGGAGGAACCAAGGGGAAAAG GTTAAAGCCGACCGAAAAGAAAAGGGAAAGGGGAAAACAAACCGGGGGGG GAAAGAGGGAGAAGAGGAAAAGGGGCAAGGGAAAAAATTGACCAACCGAG GAAAAAAGGAAGGAAAAGGAAAAGGAAAAGGGAGGCCAAGGAAGGGGAGC CCAAGAAGACCAAGGGGAAACGGAGAGAACCGGGAGGAAAAAGGGGGAAA A G G G A G G G GAA $\operatorname{l}$ G G G G G G G G G G G G G GAGGAAAAAGAAGGAGCAAGACAA G G G GCCGGTTGGGGGGAAGGGGAACCAACCAAAAAAAAAACCCCAAAATA TTGAGAAAAGCAGACAAGGAAGAGAGCACAGAGAGAAGAGGGGGAGAAAA GGGAAGGAAAAACCGACAGGAAGGAAAGACGGGAAAGGAGGAAACCGGCA GACCAAGGAGAGGAAGGAGGGGAGGGAAGGGGCCAAGGTTGGGAGAAAG ACCAGAGAAGGCAGGAAAACCAAAACAGGGGGGAGAAAAGGAAAACCAAC CGGTTAGAAAGCAGGAAAAAAGGAACCAAAAGGGGGGAAAAAAAGAAAAG GAGAAAGGGAGGACCGGAGAAAGGGGGACACACGACATTGGAAAGAAGAA GCAGAGGAAAGAGAACCAGAGGGAGAGAGCAAGAGAGAGAGCACAGGAAG G G G AA $\operatorname{G}$ GGGGGAAAAAAAAGGGGGGAAACAAGAGGAGCCAAGAAGCACCA AAAACAGGGCCGGCCCAAACAGGAGCCAGAGGGGAAGACGAAGCCGGAGG GAGGGAGGAGGGAGGCCGAAGGGAAGGAGCCAGAAAACCAGTAGAACGGC CGGGAGAGGAAGAAAGGGGGGGGGGACAGGGAAAAAAAAGAAAAAGGAG CAAAGAAGACAGAGGAGGGAAGGGGGAAGGCCAGGGGGAAAAAAGGACGA AA $\operatorname{A} A \operatorname{AGCCGAGGGCAGGACGAAGGGGAGAAAGGAGGAGAGAGCCGGGGA}$ GAAAGAAAAGAACAAAAAGGGCCGGGGAAGGAACAATGAAAAACCGGGAG AAAAAAAGGCAAAGAAAAAAAGAAAACAAAAAAAAAAAAGGAAAAGGAACC CCAAGGAACAAGCCAAGGGAAAACAGAAAGCCGGAAAAAAGGCCAAGAAG ACAGCAGAAAAGACAGCCAAAAGGCCGGAAAGGGGAGAGGGGAAGGGGAA GGCAAAGGAGGAAAAAAAAAAACCAAGGAAGGCCGGGGACAGAGCGGGGG AAGGACAGGGAAAGGAGCGAACCAACAAAAAAGAGAAGGGAGCCGGAAAA CAGGAAGGGGGATTGAAAAACCCCGGCCAGGAGAGAACAAAAGGAAAAAG GAAAAAAAGAGAGGGGTTAAAAAAGGGGGAGGAGGAAAGGGGAAGGCCAG GAAAGGGGGGGGGACCGGAAACAGACGGAAGGAAGGCCGGAAGGAAACG GGAAAGGAAGGAGGGGAAAAGACGGAAAAGGAAAAAAAAAAAAGGGATTC AAAAAAAGAAGGGAGAAAAACATGAAACCGGAAGAAAGAAAGAAGGGCCC CGGTTGGAAAAAAAAGGGGGCAGGGAAAAGGAACGCCAGGAAAGGGGGG GAAAGGAAACAAGATTAAGGGGAAGGGGAAGGGAAAGGGGAAGGAATTGG AA GAAAGGAAGGCCGGAAGAAAAGAGGGGGAACCGGAGAACCAAAGCCAA A GCCGACCAAGGGGAAGGGGAACCCCGGGGGGGAGGGGGAAGGAAAAAA GAGGAAAGGAAGGAAAAAAGGAAGAAAAGGGACCAAGAGAAAAAGACAAG GCCAAAAAGCCGGAAAATTGGGGGGAAGGAAGAGAACAACCACAAGGGGA ACGAGAACCAATTAAAAACAGAAAGAAGAAGAAAAGAGAAAAGAGAGGGG GAAGGGGAAGAGGGAAAAGCAGGAAAAGAAGGGAGGAGGAAAAAGGAAGC CAAGGGGAAAACCCCGGGGACAGGAAGAGGAGGGGAAAAAAAAGGAAAAA G G A G G A A G G G G G G A A G G G G G G T TAA $\operatorname{A}$ GGGGGGGGGCCAAGGAAAGGAAA GGCCAAAGAGGGGGAAGGAAGGGAGGAGCCGGAAGGAGGGAGAGCCAAG

G G G G G GAGAAGGGGGAGAACGAACAAGGGAAGAAGGGAAAAAACCAGAAA AGGAGAAGGAAGGAGACGGGGCCAAGGAAGAGGAGAAGGGGAAAGAAAAA AGGGAGGAAAAGGGGCCGGGGCCAGGGAAGGGGGGAAAACCCCAAAGAG AAGGGGCCAAAGTAAAAAGGAATAAGTTCCAGCCGGGGGGAAGGCCGGAA CGAGAAGGAGGAGAGGAGAAAAAAGGCCAGGAAGAATTAAGGAGGGGAGA AGAGACAAGGAAAAGGGGAAGAGGAAGGAAGGAAAAAAAGAAAAAGAGGG G GACTTAAAAAAGGAAGGAAGGAAAACCGGGGGGCCGGAACCAAAAGGAA AAGAAAAAAGACGAGAACAAGAAAAAGGAATTCCCAGGAACGAACCGGGG AA G GCCGGGAAGGGCCGAGGGAAGAGAAGGGAGGAAACTTGAAAGGAAAG A G A G G GAGGGGGGAAAGAAAAAGAGGAAGGGACCCCAACAGGAAGAAAAA AAAACAGACACCAGAAAAAAAACCAAGGGAGAAAGGAAGGGGGGGAAGAG AAAAGGGGAAAGGAGAAAAAAGGGGGAGAACCAAGGGGCCGGGGAGCCG GCCGGGGGAAGAGCCGGCCGGACGAGAGAGGCCAGGGGGGGCACCAAAG CCAAAGGGAAAAGGAAAAAGCCGAGAGGGAGACCGGAGAGAACAAAGGGG GGAAGGGAAAGGAAGGGGGGGAGGAGGGGGAGAGGAAGGAAGACGACCA GAGAGGGGGGACCAAGGAAAAGAGGCCGGAGCCGGGGAACCGGAAAAAAA GAGAGCAGAAAACCCAGGACAGAAAAGAGGAAAAGGGAAGGAAGGGGGGA AA GAACCAGGAACGGGGGGGAGAAGAGAAAAAGAAGAGGAGCAGAGAGGA GAGAGCCGAAGGAGGGGAGAAGAGGGGAGAAGGGAGAAGGAAACAAAAG AGAAAAAAAAAACCCCAAGGGGGAGGAGGGAAAAAGCCAAGGAGGAGGAG AA GAAAGGGGGGAAAGAGAGCAAAGGGAGAACAAAAGAGAGAGGACAGAA GAAGAGCCGGGGAAGAAGGAAGGAGACCAGGGGGAAGAGAGGGGCCAAA AGGACGAGAAGGGGAGAGAAAGGCCAGGGGGAAAGAGGGGGAGACAAGA A GAAAAGGGGGGAGGGGGGAGGGGGGCCAAAAGAAAAAAAGGGAAACCG AAAGGAAAGAAGGCCGACCCCAGAAAAGGAAGGCCGAGAACAAGGAAGGC CAGACGGGGGAGAGGACGGGAAGCCGGGAGGAAGAACGGAAGGGGGAAA AA G GTTGGAAGAAAGGAAGGAAAAGGAAAAGGGGCCACAGAAGGGGAAGG GGGGCCGGAAACGAAAGAAGAAAGGGGGGAGAGGAAGGGGAAAGGGGGC AAAAAAAAGAAAGAGAAGAAAGGAAAAGGGGAGAGGAAGAACCGGCCGGA AGGGGGGGGGGGGAGAGCCAGAGAGGGAGAAGGCCGGTTGGAACCAAAA AAAAGGAAAAGGGAAGGAAGAAAAGGAAGAAACAAAAAGGAGAGGGAGAA CAGAAGGGGGGGGAAAAGGGGGGGCCAGCCCCGGGGAAAGAAGAAACCA GAGGGGAGAAAGAGGAGAAAACCAGAAAAAGAGGAGAAAAAAAGAAGGAG AGACACAAAAAGACAAGGAAGAAGGAAGGGGAGGGAGGAGGAGGGCAGGC GAGGGACAACAACAAAGAAAGCAGAGGAAAAGGGACCAAAGACAAAAAAG GACGGGGAAAAAAAAGGAAAAGGGGAGAAAAGGAAAAAAGGGGAAAACCG GACGAGGCCAGACGGGAAGAAGGAGGAGAAAAGGAAGGGGAACGAAGGG AAGAGACCCAAAGAGGGGAAAAGGAACCAAAAAAAAGAAAAGTAGGGGGG AAACGGAAAAAGGGGGAACGGGGGCCGGAAAAAAAGAGAGGAAGAACCGG AA $\operatorname{G}$ GAAGGGAGAGGGGAAAAAGAGAGGGAAAAGAAAGGCCGGAAAAGGAG GGCCGGGGGGCCGGAAAAAACCGAAAGGAACCGAGAGAAGGGGGAAGGG GGACAGAACCCGGGAAGAGAGGGGAGACCTTAAAGCCAAGGGGGGACGAA GAAGAGAAGAAGGAAGGGGAAAAAGGGAAGGAAAAGGAAGGAAAAAAAGA GAAGGAGGGAGGGGGAAGGGGGGAATTAGGGAAGAAAACAAAGGGAACC AAAAGAAAAAAAAAGAAAAAAACAGGTAGAAAAGAGGAACAAAAAAGGAA GGAAAAGAGGAGAGAAGGGAGGAAAAAAAAAGCGAAGGAGGAGAGAAAGA GGAGATAGAAAAAAAAGAAAAGAGAGGAATAACCAACCGCCCGAAAGGAA G G G GAGGGGACAAAGGGGGAAGAAGGGCACGGAAACGGGAAGGGAAGGA A G A G G A G A A G G G G G GAAGGAAAAAAGGAAAAAAAACCGGGGCCGGAAAAC CGAAAAGCCCCCCAACCGGGGAAGGGACAGAGGGGCCAACCGGGGCAAGA AAAGGAAGGAAGGCCGGAAGGAGAACCAGAGGGGAGGAAAAGGAAAAAAA AAA G GAA G GAAGGGGAAAAAAAAAAAAAAAACCAAGGGGGGGGAAGGGGA A G G G G G GCCGGAAAAGGGGGGAAAAGGAACCAAGGAAGGGGAAAAAAGG CCAAAAGGAAGGAAAAAAGGAAAAGGAAAAAAAAAAAAGGAAGGGGGGAA GGAAGGAAAAGGGGCCAAAAGGGGGGAAGGAAGGGGAAAAGGGGAAGGG G G G G GAAAAGGAAGGGGAAAAGGGGAAGGAAAAAAAAAAGGAAAAAAGGA AAA $\operatorname{A} G \mathrm{G}$ GGGAAAAGGAAGGGGGGGGAAAAAAGGAACCAAGGGGGGGGGG AACCAAGGAACCCCGGGGCCAACCAAGGAAGGGGGGAAAAAAGGAACCAA AAAAGGAAGGGGCCGGAAGGGGCCCCAAGGGGGGAAAATTGGAAGGAAG GGGAAGGAAGGAAGGGGGGCCAAAAGGGGAAGGGGGGGGAAAAAAGGGG G G G G A A G G G GCCAAAAGGCCGGAAGGGGGGAAGGAAGGGGAAGGGGGGG

GAAAAGGAAGGAAAAGGGGAAGGGGGGGGAAAAAAAAGGGGAACCAAGGC CGGGGAAGGAAAAGGGGGGAAAAAAGGAAAAAAAAGGAAGGAAACTTGAA TGGAAGGGAGACAAGGAGAAAAAAGGGGGGGAGGGAAGAAAGGAGAGAG G G GACAGAGAAGAAGGGGCCAGAACCGGGGTTAAGGGGAAAACCAAAACC A G G G G GAAAAAAGGCAGGAAGACAAGAAGGAAAGAGAAGGCCACAACCGA AAAGTAGGAAGGAAGAGACAAGAAGGAAAACCAAGGGGAATTAACCGACC G GAAACGGAAGAAGGGAGCAGGAGAAGGAAGGACAGAGGGAAAACCAACC GGGGGGGGAAAAGGAAAAGGGGGGAAGGAAAAAAGGGGGGAAAAGGGGG GGGAAGGAAAAAAAAGGGAAAGGAGGCCCAAACAAAAGGAGAAGGAAGGA AGGGGAAAAAAAAGGAACCGGAAAACCCCAAACAGGGAAAAAAAAAAGGA AAACCAGAGGGAAGAGGGCGGACGGAAAACCGGGGGGAAAAAGGAAAAAG GGGAAAAGGAGGGGGGAGAAGAAAGAAAGGAACAGGGAAAAAAGGAAGGC CGGAAGGAAGGAAGGGCAGAAGGAAGGATAAAAAGAGCCGGAGGGAAGG G G GAGAGAGAAACCAGAAAGGAGGAAAGGGGGAAAACCGCAAGCGGGAGG G G G G G GAA G G G G G G G GACGAAAAAGAAAGGGGAAGAAGGAGAAAGAAGC AGGGAAGACAGAGAGCAGGAGGGGACCGCCAAGAGCAAAGGAAAAAAAAG A G G AA G GAGAAAGAGAAGGAAGAAAAAAAAGAGAGGGGGGAAGAACCAAG GCAGGGGAAAAAAGGCCGGAAGGAAAAGACCAAGGAAAAAAAAGAGGAGT TGGGAAAAAAAAACCAATAACGAGAGGAAAAAACCGGGGGACCGAAGAGA AGGAAGAATCCCCGAAGGGGGGGAAAGGGAGGAAAAACACACCGACCGGA G GACCAAGGGAGGAAGGGGGGAAAACCACAAGAAAGGCAGAATAGGGGGG GGGAAAAGGGAGGAGGAGAAAAAGACCGGGAGAGGGGGGGAGGCAGGGG GGAAAAAGAAGAAACCAAAGACGACAAAGGAGCCAGAGCCAAGGAAAAGG AACCAAGGGGAAGGCCAAAAAAAAAAAAAAAAGGGGGGAACCAAAAAACC AA $\operatorname{G} G \mathrm{G}$ GAA $\operatorname{lng} \operatorname{GGCCGGGGGGAAAAAAAAGGAAAAGGAAGGAAAAGGGGG}$ GGGAAAAAACCGGAAGGGGAAGGCCGAGGGGGAAAGGGGGGGAAAAAAG GGACATGGAAGAAAAGGAAAAGGAGGAAGAAAAGAAACCCGAAACCAAGG A G G GAGAGGGAGGGCAGGGGGGGAGGGAAAGGGAGAGAACGGCAAGCGA A G G G GAGGGAACCGAAAGGGGAAGAGGCCAAAAACAACCCCGGAAGAAGG AAGAGTAACGGATACGGAAAAGGGGGGAAAAGGGGAAAAAGAGAAGAAAC CGGAGGGGGGAGGAGAAAGGGGGAAAGAAGGAAGAAGAACGGGAAGAGG AA GAAGGAAGGGAAAGCAAGGGAAGGAAAGGGGACAAAGAGAAGGGAGG GACAAAGGAGGAAGGAAGAAAAAGGCAGGGGGGAGCCAAGGAAAAAAGAC CAAACAAAGAATTAAGAGAAGGGAGAAAAAAAGCCGGGGAGAAAGGAAAG AGAAGGGGGAGGGAGAGAGCCAAAGGGAAGAGGAAAAAGAAATAGAAGGA GAAGAAAAGAGGAGGGGGGAGCCAAAGCCGAAGGGCCAAGGGACAGGAG GACAGGGAAGCCCCGAAGGGGAAAAAACGAGAGGAAAAGGGGGGGAAGAG G G GA $\operatorname{l}$ G G G G GCCGGAAGGCAAGGAAGAAGGGGAAGGGGCAAGAAAACCC C G G A A G G A A G G G A G G G GAGGGGGGGAAAAGAAGGAGGGGGGGAAGGAAG C G G G A A G G A A A A A A GAGGAAGGGAGAAGAAGGGAAAGGAAGGAAAAAAGA AA G G GAA GCAAGAAAGCAAGGGGGAAGGACGGGGGGCCAGAAGGGACAAA AA $\operatorname{G} G \mathrm{G}$ GGAAAGGGGAAAAGAAAGAAAGAACACACAGGGGGTTGGAAGGGG CAGGGGAAGGAGGGGGGGCCAGAAGGCAGGAGAGAGCAAGCCGGAAGAA CAAGAAGGGGGAAGAAAGGGAGGCAAACCGGAAAAAGGGAGGGAGAAGG GAAAAGGGCCAAAGGAAAGGAAGGAAAAGGCCAAGGAGCCAGAAAGAGAA GGGGAAGAAAAGAGAGGAGGACGGAGGGACGGAGGAAAGGCCGGGGGGG AACGGAATTAAAAGGGGGGCCGGAAGGAAGGAGGGGGAAAACCCCGAGGG A G G G A G G G G G G G G G A G GCCAAGGGGCCCCGGGAGACCGGAAAGGGACAG A GCAAAGGGGGAGAGCCCAGAGAGAGACAAACAGCAAAGGGGAACCGGGG G G G G G G A G G G CACACGAGAAAAAAGGAAGGGGGGGAGGACAAGAGGACA CGGAAGGGGAACCCCGGGGGGAAAGGAGGAGAAGGAAAGAGAGAGGGGG CAAGACGGGGAGGGGAACGACCAGACAAGGGGGACCGGGGGGGGGAAAG GAGAGACGGAGAGGGAACCAGGGACGGAGGAGGAGGAAGGGAACCAGAA G GAACCAAGGGGGGAGGGAGAGAGGAAGAGAAAAGAAGAAAAAAAAGAAG AGAAAGACGGAGGGGGAGGAAACCGGAAGGACGGAAAAAAAAAAAAGGGA AGAGGGAGACAAAAGGGGAACCAAAAGGGGGGAAAAGAGGAGGGGGGGA GAGAGGGAGTTGGAGCCGGGAAGAACCAAGGAGAGCAGAAAGGGGAAAG GGGGAAGGCACAAAAAAGGGAAGGGGTAAAGGGGAGGGAGGCGAGGAGA GGGCCAGAAAGGGAGAAAGAACCACGGAGAGAGAACCGGAAGGAAAAGGG A G G G G G G GAGGGAGGAGGGAAGGAAAAGGAAAAAAGGGGGGAAGGAAAG AAGGAAGGAAGGAAGGAAGGGGAAAAGGGGCCAAGGAAAAAGAGGGAAAA

ACGGGGAGAGGGGAGAAAGGAGAGACAAGGCCAAGAGGAAAGAAAAGAGG CCAGAGAGGGAAAGAGCAGGAAGAAAAGAGAAGGACGAAAACAAGGCAAG GGGGAAGAGAGGAAAAAAGGAAAACCGGAGAGAGAGCAACAAGAAAAAGA AGAAAAGCGGCAGGAAAAGGAACCAGAGCAGGAAGGAAGAAAGGAGAAAA G GCCCCAAGCGAGGCCAAAAGGCCCAAGGGGGGGGGAGAGAGCCCCAAAA AA $\operatorname{G}$ G G G G G GCAGCACAGGGGAAAAGAAAAGGGACAAGGAAGGAAAAAGAA AAAAGAAACCAAGGCGGAGAAAAGGAAACCGGAAAAGGGGAGGAGGAAGA ACAAAACCAAAACCAACAAAAGAAGGAGGGAAGGGGAAGGCAAAAAAAGG AAAAGAGGAACAAGGGAGAGAGCAAACGCCGGCAAAAGGGAAGAAAGGAC GGGGAAAAAAGAAACCCAAAGGTAGGGAGGGGAAACGGAAGGGGAAGGGA AGAACCGGGGACGAGGGAGGCCAAGGAAGGGGAAGAAGGAAACCAAGGAA GAGAGAAAAAAAGAAGAGCCCCAAAAAAGGAAGGGGGAAAAAGGGGAAGG GGGGGGAGGAGAATGGGGGAAAAAAAAAGGAAAACCGAAAAAAAGGGGGA ATAAAACAGGCACACCGGAACCCCAAGAACGGAAGGAAAAGGGGAAAGGG CGGGGGCCTAAAAAAACCGGAAAAAAAGGGGAGGAGGAGGAGAGAGGGCC GGAAAAGGAAGGAGAAAAAGAGGGGGAGGGGGAAAAGCGGGGCCGGAAC CAAAAACGAGGCCAAAGGGAACCGAGGAGGGAAAGCCGGGGAAGGAGAAA ACAGGGGGGCCAGGGAGAAAAGGGACCGAGGGGCCGGAGAGAAGGCAAA GGGGCCAAGGAAAAAAAACCGGAACCGGCAGGGAAAGGCGCAGGAACACA AAGGGAAAAGGGAAGAGGAACCCCCCAACAAAGGGAGAAGAAGGGGAAAA G GAAAGGAGAACGAACAAGGAAGGGGAACCAGAGAACAAGGAAGACGGAA AAGAAAAGAAGGCCGGAACCAAGGAAAACCGGGGAGCCAGAAGACCAAGA AAAAGGAGAGAGAGGAGGAAAAGGAAGGGAAAAATTCCAAAAGGGGAAAA ACAGGAGGAAAGGAGGAGAAAAAGAGGAAAAGCCAGAAAAAGAAGGGAAG CAACAAACGGGGGATTAAAAAAGGCCAGAAGGAACCAAGGGGACAAAAGG GGGGCCAAAAGGCCAGAGGAAAAACCAGAAAAAGGGGAAAAAGGGGCCAG AGGGGGACGGAAAAAAGAGGAGGGGGGGAAAAAAAAGGGAGGGGGGAAA AAAGGGGAAGGCCAAAACCAAAAAAAACCGGCCAAGGAAAAGAAGGGAAG GGGGGCCAAAAAGAAGGGGGAAAAAAGAAGAGAAGGGGGAATTAGAAACA G G GAGGAACGGGGAAAGAGCCACGGAAAAAAAAAACCGGGGGGAAGGGGA ACCGGGGAAAAGGAAAAAAGGAAGGGGGGAAGGGGCGAAAAAAGGAAAAG G G G G GAAAGGGAACACCAAAGGACAGAAAAACCAATTAACACCGGGGAAG GCCGGCAAGCCAACCGGAAAGGGGGAGGGGAAAGAAACAGAAATTGGAGA AGAGGGGAGAAGGAAGAAAGGAAAAAGGAGAAAAACCAGGGAGAATTAGG GAAGGAGCCAACCCCGGAACCGGAAGGAAGGAGGAAAAAGGGGGGGGAGA AAAGGGGGGGGAAGGAAAAGGAAGGGGGACCAAGGAAGAAAAAGGAAGG GGAAAAGGAAAGGGAAAAGAGGAAAAAAAGAACAAAGAAACCAAGGGGAA GAACAAGGGAAAGGGGAGGGGGCCAGAGAAGGGAAGGAGGGGAACCGGG GAGAGAAAGGGAACAGAAGGAGGGGGGAAACAGAAAGTTAAAGGGAAAAG GAGAGGGAAAGAGAACCCACCAGGGGGGGACACGGGGGGAAGGAACCGG A G A G A G GAGGGGCCAGGAGAAGAGGAGAGAAAAAAAGGGAGGAAGGGGG GAAAGAGCAAAAAAGAACAGGGGAAGGGGAAGGAAAAAAGGGGGAGGGAA AAAAAGGAAACAAGGAAAATTAAGGAAGGAAGGGACAGGGACAAGAGAGA TGGAAAAGGGGAGAGAACCAGAAGGCAGAGGAAAAAAGGGGAAACGGGGG GAGGGGAGAGGAAGGGAAACCAACCAAAAGAAAAACCCCCCAGCAGGAGA AGGGGTTAAAAAAAAGGGGCCGGAGCAGGAGGGAACGAAGGGGGGGGAA ACGGAAGAGGAAAAAAAGGACGGAAAGAAAGAAGAACCAAGGAAGGAAAG AGGAAAAAGGGGAAAGGGAGGCAGGAAAGCAAGGCGGGGAGGAACCAGG GAAGGGAGGGGAGCAGGAAGGGAAAGAGGAGACAAGGAAACCAGGGGAA GGGAACAGGAACGGCCCCAGAGGGGAGGAGCCACCAAGGGACAGAGAGAA CCAACAGGAAGAGGAAGGAGAGCAGAGGGGAAGGGGAAAAAATTGGGGCG AAGAAAAAGGAAAAGGGGAAAAAGGAGGAAAAGGAAAAGGAGGGGACGGG GGGGAAGGAAAAAGAGAAGGAAGGAAGAGACCAAAAAAGGGGGGCCAGAA G G G G GA G G G G G G G G G G GAA GAAAAAACCGGGGAAGAGAGAGGAGGGAAA AAGCAAGAAGGCCAAGGGGAACAAAAGAGGGAAGGAAAGAGAGCACAGGG GGGCCGGAAGGAAGGAGGAAGGGGGGGCAGAGAGAACGGAAAAAGCAAG CCAGGGAAAAGGTTGGGGGGGGAAGGCCAGGGAAAAAGACGGAAAACCAC AGAACCGGGGAAAAGGGGAAGGAAAAAAAAGGGGCAAGGGGGGGGGAGC CAAGAGGGGGAAAGAGAAAAAAAGGGAGGAGCAAAGGGGGGGGAAAAAAA GCCGGAACCTTGGGGCCGGAAAAGGGGGGCCAAAAGGCCAAAACCGGGGC CGGGGGGAAAAGGAAGGAAGGAAAGAAAACCAAAGCCAAGGGAGGGGCCG

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AAGAAGACAACGGGGGAGAAAACAGGAGAAGAAACAAGGGAAAAGAAAAA ATTACCAACCGGCCAAGGGGGGAACCAGAAGAGAAAGGGGGACGGGGGAA GGGGAACCTTAAGGAAGGAAGAGGAGAAGGAAAAGGGGAAGACCGAAGGA AGGGAGCCGGAAGAAGGGAGCCGGGAGGGGGGGGAAAGGAAGGAGAAGA AA G G GCAGGAAGGGGAAGGCAGGGGAAGGGGAAGAAGGGGAAAAAAAGG GGGGGAGGGAGGAAAAGGAGGGAGCCGAACGAAGAGCCGAGGGGAAAAG GGGGGAAAAAAAAAAAGGAAAAGGGGAGGGGGGCCAAAAACGGAAGGGAC AGGAGAAGAGAAAAACCGGCCAAAAAGGAGGGGAGGGAAAGGGAGAAAAA AGGGGGGGGAAAAAAAAAGAGACGGGGCCAAGGACAACCAAGGCCCCAAG AGGGAAGAGGGGGAAAGGGGGAAGGCCGGAGGGGGAGAGAGGAGGTTGG GGAAAAGGGGAAGAACAAGAAGAGAACAACGGAGGGGGGAAAAACCGGGA AGAGGAGGAGAGCGAAAAGGAAAAGAGGGGAAGAAGAAAACCGGGGAACA AAAAGGAGGCAGGGGGGAGGAAGGCCAAAAAAAAAAAAAAAGAGACGAGA CAGAAACCAAGGGACAAAGGGGGGAGGGAAGGGACCCCGGGGAAGGAGAA GAGAGGGGAACCAGGAAACGCAGGAAGGAAAAAGCAAAAAGAAGAAGAAA AACCGGGAAAAGAAAAGGGGAAAAGGGGGGGGGGAAACGAGAAAAAGAGA CCGAAGGGAAGAGAAAGGCCCCTTAAGGAACCGAGGAAGGCAAAAGGAAA AAAGGGGATAGGGAGGGGGAGACAGAGGAAAGAAGGAAGAGAAAAAGGG GAAAAGGAATTCCACAGAGAACAACCCAGCCAGCGGGGAACAGAAGAGAA GAGCACGAAAGGGGAACCCGGAACAGGAAGAAAAAGGAAGGGAAGGGAGG GAAGAAGGAAGAGGGGAAAAGAGAGAAGGGGACAGAGGGAGAGCCGAAG AAGGAAGAAAGGGGAAGGGGGCATACGGAAGGAAAGAAGACCCCAGGGGG GAGGGGCCAACCAAGGGGAGGGGAGGAAGGCAAGAGGAGACAAAAAAAGG GGAACAGGAGGGAAAGTTGACAAAGAAAGGAAAAGGCCAAAAGGACGGAA AGGGCCGGGGGGGAAGCCCAGAAGAAAGAACCGGACGAAAGGCCAACCGG GGAAAGAGCCAAGGGGGGGGGGGACCGGGGGGAAGGGGAAAAGGGGAAG GAAAACCGGAGCAGGGGGGGGAAGGCAGGAGAGAAGGACAGGGAAGAGA GGGAAGGGGGGGGGGGGAGGGGGGGGGGGGAATTAAGGAACCGGGAAGA CAGAGAAAGGAGGAAAGGGGGAAAAAGCCGGAAAAGGACGGAAGGAAGAA AACAAGGCACCGAAAAGGGAGGGAAGGGGGAGGCCGGCAAGGAAGGGAG AAAAAGCAGGAACAAAAACCAGAGGGAGGGCCAAGGGGGGGGGGGGGGA AAAAAAGGGGACGAGGAGGGGGGAGAGGGGGAAAGGAGGAAGGGGAAGG GGAAAGAGGGAACAGGCGGACAAAAGGAAGAAGAGGCACGAGAATTCCAA GAGGAGAAAAAGAGGGAGGAGAAGAGGGGAAAGGAGCCCAGACAGGGGA AGGAAGCAAGGAAAGAGAGGAGGAAGGGGGGGGCAAAGAAAAGGAGAGG AAGAAGAGGGCAGAAAAACCGAAAAACATTACGGCCGACAAAAGAGAACA GGAAGGAAACGAAAAAGGGGGAGGAAAAGACCGAGGGGAGCAGGAAGGAA AA $\operatorname{l}$ GAAGGGGGGGAGAGAGAGGGGAAGGGGGAGAAACAGGGGGGAGGAG AAAGGCCGAAGGGGATAAAGGGAGAGAAGACGGAGGACGAAGGAAAAGGA GAGAGAGAAGGGGGGGGGGAGAGGGAAGAAGGAAAAGGGACGGCCAAAG AAAGCCGAGCAGGGAGGGAAAGGGAAGGGGAAAAAAAAGGGGAAAAAGAA GGAAAGAGGGGGAACCGGAGGAAAGGGGAGGGAACCGGAGAGGGGAGGG AGAAAGGAAAACCGGGAAACCAGAAGGGGAGAAGAAGAGGGAAAAGGGGG AAAGGCCACCCGAGAGAAAAAACGAAGGGAACCAGGACGAAAGGAGAGGA AAAGGCCAACCGGGGCAAAAAGGGGAAGGGGAAACGGGAAGGGAGAGGG CCAAAAAAGGAAGGCCGAAAAAAAGGGGAAAAGGCCAGGGAAGGGGGGGG GGGGGGAGGGAGAGGGGGGGCCGGGGAAGGGGAGGGGGAGGGAAGAGG GGAGGAGGAAAGAAAAAGATAAGAGGGGAGGGGAAAAAAGGGAGGGGAG GCCAACCCCAAGAAGGGGGAAACAGAGGGAAAAAAGGGACCGGGGGAAGG AAAGAGAGAGGGGGACCAGCCCAAGGAAAAGAAGGAAGGGACCAGACAGA AGGCAGAGAGAGAAGAAAGGAGGAAAAAGAAGGGGAAACGAAAGGACGGA AGGAAAGGGAGAACCAAAAGACAGGGGGGGGAAGATAAGGAAGAGAGGGA AGGGGAAAAGGCAAGAGAGGAGGAGGAAAGGAAAACCGGCAGAAGAGGAG AACGGGGAAGGGGAAGGGAAGGCGGGGAGAGAGAAGGAAGGAAAAGAAA AGAAAAAACCGGGGGGGAGAGAACAAGGCCACAAAGGGAAAAAGGGAAGG AAAAGAGGGGAGAGAGGAGGCAGAGGAAAACATTGAAGGGAAGGATGAGG GGACGGGGGGGCAGAAAAGGAAGGAGGGGGAGGAGAAAGGAAAAAGGAA AACAGGGGGAGGAAGAGGGGAAAGGGAGGAAAGGAAACAAGGAGAACAAC CGGAAACAAAGGGAGAGAGCCAAAAGAAAAAGGGGCCGGGGAGGAGAGAA GAAAAGGAGGGAAGGAGAGGGGGCAGGTTACAGAGGGGGAGGGGAAACA GGAAAGGGGGAAAAAGAGGAGGAAGGACGGACGAGGAAAAAAGGAAGGA

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GCCACGGAAAGGAAGCCGAGGAAACAAACGGGGAAAAGGAAAACCAAACC AACAAGGGGAAAACAGACAGGAGGAACGAGAGAGGAAGGAGGGAAAAAAG GACAGAGACGGAAAAGGGGCCAAGGCCGGAAGGGGGGCAGGAGAACCGAA AA $\operatorname{A}$ GGAAGAAGACGAGGAAGAGGGGGGAGAAGGGAACGGGGGGGGAAGG G GAAAAAGAAAGGGGGGGAAAGAGGAGAAGGAGGGAAGTAGAAAAAGGG G GAGGGGGGAAGGGACAAGCCGGAAGACAGGAGTTGGGAAAGGGGGAAG ATCAAAAAAAGGAAGGAACCGGAAAAGGAAGGCCAAACCAGAGGGGAGAA AGAGGAAAAACCAAAAAAGAAAAGGAAGAAGAGGAAGAAGAAGGGGGGAA GAGAAGGGGGGGCCGGCCGGGGAAAGAGAAGGAGAGAGAATTCCAAAGG GAGAGGGGAGGGGGGGGAAAAGAAGAGGGGGAGTAAAAAAGGGAAAGAG AAACAGGGGACCCCGGAAAAAAAACCAAAGAAGGAAAAAAAAGGAACCAG AGGAAGACCACCAAGGGACAAAAAGGCCGGGGAAAGCCAAAGGGAGGGGA GAGAAGAAAAAGGGGAAGACGAACAGGGCCGAAGGGGGAAGGGGGGAGG AAAGGGGGGAGAGAGACAGAAAGAAAGAAGGGGGAAAGGAGGACCGGGG GGGAGGAGAGAGCAAGAAGGAGAAAGAAGGAAGGGGAAGGAAAAAGCCG GAAGGAAAAGGAAAAGGAAAAGGAAGGAAGAAAAACCGGGGAAGGAAAAA AA $\operatorname{GAGGGGGGAACGGAAGGAAGGAAAATTGGGGAAGGAAAAAAGGAAGGA~}$ GGGAACCGAGGGGGGCCGGAAGGGGAAGGAGCCGGGGCCGGGGACCCAA
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 AA G GCCAAAAAAAAGGGGCCAAAACCGGAAGGAGAAAAAACCAAAGAAAG AA G G G G GAAAAAAAAAGAGGGAAGAAGAAAAAGGAGAACCGGCAGGGGAG CACCAAGAGAGGGGGGAAAAAGAAGCAACGGGGGAGAAAAAAAAAAGGAA AAAAGGGGAAGGGGAAGGGGGGAAAAAAAAGGAAGGAACCAAGGAAAAGG AAGGAAGGAAGGCCAACCCCAACCAAGGGGGGCCGAAAAGGGAAGGAAAA GAAGCCGGAAAAGGAAGGAAAAAACCAAAAGGCCGGCCGAAGAAAACCAA AA G GCAAAGGGGGGGGAAGGAATTGGAGAAAAAACCGGGAGGAAACGGG GGGACGAGACCAAAAAGAGAAAAAAAGAGGGGACCGGAGGCAAAAGAAAG

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GGGAACCAAAAGGCCAAGGAAGGAAAAAAAAGGAAAAAACCAAAAGGAAG GAAGGAAGGCCGGCCAAGGGGAAAAAAAAGGAAGGAAAAAAAAAAGGCCG GGGAAGGGGGGGGAAAACCGGAAGGGGAAGGGGGGAAAAGGAAAACCAA GGGGGGAAGGAAAAAAAAAAAAAAAAAAGGAAGGGGAAAAAAGGGGAAGG AAGGAAAAAAAAGGGGGGAAGGCCCCAAAAAAGAACGGAAGGAAGGGGCC AAAAAGAGCCAAGAGAAAGGAAAAGAGAAAAGGACAGGGGAAGGAAGGGG AAAAAGGAAGAAAGAAAAGAAGCCAAGGAGGGAAAAGGAACCAGGCGGAA AGAGAGAAAAAGCGCAGGGAAAGGAGAAAACAGGAAAAGGGGAAAAAAAA AAGGGGAGCCCCAAGGAAAAAGGGAAGGACGGGAGAGAGAGAAGCAAGAG GGAAAGAGGAAAAAAAAGGGAAAGAGAAAACCAGAAGGAGAGGAGGGGGG AAGGAGGGGGAACACAGGAGGGAAAAAAGAGGGGAACCGGGGGGAGAAG GGGGGAAAAGGAAAGGGGGGGCCGGCCCCAAGGAAGAGGGAGGAAAGGA AA GAAGGAAACCAGAACAGGAGAGGGAAAAAAGGAAAAGGAAGGGGGGCC AAGGAAGGAAAACCAAGGCCGGGGGGAAAAAAAAGGAACCAAGGGGAAAA AGGGACGGCCGAAAGGAAAAAACAAGAAAAGGAAAAGGAGAGAAAACCGG AGAACCACAGAAAGTAAAACGACCGAGGGGGGAAAGGCAAAAGAAGAAGG GAGGCCAAGGGGGGAGGGGGGAGGAAGAGGAAAGGGGAAGCAGGAGGAG GAGAGCCAAAGGGAAAGAAACGGCAAGGGAAAAGGAGAAGGGGCACCGGG AAGACGAGACCAAAGGGGGAGGGGGGGCAGACCGGAAAAGGGGAGAAAAA AAAAAAAAGAAAAGGGGCAACGAGAGAAGACTTGGCACACCAAGAGGTTA ATTGAGGGAAAGAGAAAGAGGAAGGAAGGGGGGAAAAGAGGGAGGAACAA AA $\log \operatorname{GA}$ GACCGGCCAAAAGAGGCCACGGGGGGAAAAGGAAAAGGGGGG AA G GTTAAGGGGCCGGAAGGCCCCACAAAAAGAGAAGGGGAGGGCAGAAG AATTCCAAAAAAAGCCCCAAAGGAGGCCAGCCGGGGGAGGGACCAGCAGG GACCGGAAAAAGGAACAGTAAAAGAGAAAGAAAAGGGAGAAAAGCAGGGG CAGGGAAAAGAAGGAAGGAAGGGGGGGAGGAAAGAGGAGGAAGGCCGGG AAAGGAAAAGCGGGAAAGGACGGGGTTGGCCGGGGCCGGCAAAACAAACA AAAAAAAGGGGGAAAGGGGAAGGAAAAGAGGGGAATTAAAAAGGGAAGGA AGGCCGGAAGGGAGGGGGGAAAAAGAAGGAAAGAAAAGGGGGGACAGGG GGGGAAGAAGGGAAAAAGGGAGGGAAGGGGGGAAAAAAAACGAGGGAAA GGAAAGGAAGAGAGGATAGGAAGGACCCGGGCCCAGAGGGGAGGGGGGG AAAGGAGAGGGGAGAGGAGAAGGGGGGGGGAAGAGGAGGGAAAAAAAAA AA G G G GGGGAAGGGGGGAAAAAAAAAAGGCCAAGGCCGGGGAGGAGGCA GGGGGAGGAACCGAGGAAGAACAACCGACAGGAAGGAAATAGTTGGAAGG AAAGAAAAGGAAGGCCGAGGCAATAAAAGGGGGGGGGGGGGGCCGGGGG GAAGGAAAAAAGGGGGGAAAAGACCAAGGGGAAAACCCAGGGGGGGGAAA AGAGGGGAACCGACCAAGACAAGACAAAAAACCGGGGAAAAAGAACCAGA AGAAAGAGGCCGAGGAAGAAGGGAAAAGGGGGGGGAAGGAAGGCAAAGG GGAGAACCAAGGAAAAAAACGGCAAAGGAAAAGCGGGAGGAAACGGGGGG AGGGAAGAGGAAGGGGCCAAAAAAGGAAGAGAGGGGACAAGGGAAGGGC CACAAAAAAAAAAAAGGGGCAGAGGGGACAAGGGGACGGAAGGAACCAAC CCCAAGCAGAAGGAAAAGAAGAAGACCGGGGAGCACCCAGAAGAAGAAAA AGGGAATAAAAGGGAAGGAAAGGGAAGGGGGAAAAGGACGAAAAGGGGG AGAGAGGGGGAGGGGGGAGAAAAAGGAGAAGAGGAACAAGGGGACAGGG GGAGAATGGAGACAGGGAGCCGGCCACAGAACCAAAAAAAAAACCGAGAA GGAAAGGGAGGCAAGAACAGGGGAAAAAAAGAAGGGGGAGGGGAAGGAA CCAAGGAAGGAAGGAAAAGGGAAAAGAGCCGAGGCCGGGGAAAAGAGAGG AAAGAAAAGGAAGGCCAAAAAAAAAAGGGGCCAGAAAAGGAACCCCGGGG GGAAAACCAGCGAGAGTAGAAAAAAAACAAGGGGAGACAGAGAAAAAAAA AGCCCCGGGGAAGGAAGGAAAGGGGGGGGGCCCAAAAAGACCCCGGGGG GGGGGAAAGGAAGAAAAAAGGAGGGAAGGGGAAAAAAACGAGAAAGGGAA GGGGGAGAGCAAGCAAAACAGAGAACCTTGGAAAAAAAAAGGCGAGGGGA AA GAGAAGGGGCGGAACAGAGGAGGTTAAGGGGGGGAGAGCGGGAGAAA GGGGAGGGGAACAGGGAGGGCCGAGGGGGGGAGGGAGGAGGAGGAAGGA ACACCAAGGGGAAGGGAGGGGAGGGAAAAAGAACCGAGGCCTTGGGGGG AAAAAAGGAGAAGGAGAAGGAAGGAACAAAGGAAGAAAGAGGAAAACGGA GGAGAGGGGGAGAAAGGGGAGGGAAGGAGAGGGGAGCAAGAAAGAAGGG GCCGGGGAAGGAGAGGGGAAGCCGGAGGAGCAAGAAAAAGAAACAGGGAA GAGTAGAATTTAAAGGGCCAAAGAGGGGGGGAAAAGGAGGGAACCAAAAG GAAAAAGGGACAAGGAAGAGACCAACCAAAAGGAAAAAATTAGAAATGGG CAACCAGAAGGGAGAGGAAGGGAGAGGAACCAAAAGGAAAAAGAAAGGAG

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CGGAAAAAATTAAAAAAGGAAGGAAAAAAGGAAAAAAAAGGAAAAAAAAG GAACCCCCCAAAACCAAAAAAGGAAAAGGAAAAAAAAGGAACCGGGGAAA AGGGGAAAAAAGGAAAAAAGGAACCCCAAGGGGGGGGAAAAGGGGGGAAG G G G A ACCGGAAAACCGGGGGGCCAAGGAAGGAAAAAAAAAAGGGGGGAAG GGGAAAAGGAAAAAAGGAAGGAAAAGGAAGGAAAAGGAACCAAAAGGAAA ACCAAAAAAGGAAGGCCGGGGAAGGAAAAGGAAAAAAAAAAAAGGGGGGG GCCGGAAAAGGGGAAAAAAAAGGAAAAAAAAAAGGAAGGGGAACCCCGGG G G G A A T T G G G G G GCCGGGGAAAACCGGGGAAAAGGGGGGGGGGGGGGCC G G G GAAAAAAAAGGGGAACCGGAAAAAAAAGGGGGGAAGGGGGGAAGGG GGGGGCCGGAAAACCGGAAAAAATTAAAACCAAAACCCCAAGGAAGGAAA AAAAAGGGGGGAAGGGGGGGGGGCCAAGGGGGGGGGGAAAAGGAACCCC AAAAAAAAAAAAGGGGGGAACCAAGGAAGGGGAAAACCGGAAAAAAAAAA G GAAAACCAAGGGGGGAAGGAAGGGGGGAAGGGGAAGGGGAAAACCAAA AGGGGGGGGCCAAGGGGAAAAGGAAGGGGAAGGAAGGAAGGAAGGAAAA GGAAAAGGAAGGGGAAGGGGCCGGGGAAAAGGAAAAGGGGAAAAAAAAG GGGAAAAGGGGAACCAAAAGGGGGGTTGGGGAACCAAAAAAAAGGGGGGA AAAGGAAGGCCAAGGAAGGAAGGAAGGGGCCAAGGGGAAAATTGGAAGGA AAAAAGACCGGCAGACAAAGGAAAGAGAGCACCAAAAAAAAGGCCAAGGC CGAAGAGAAAACACCAGAGGGAGGGAAAAAGAAGAAAAAGGGGAGGACCG GAAGGAGAGGGAGGAAGAAAGAAACAGAAAGAAGGAAGGGGAAGGAAAAT TAAAAAGAGGAAGGAAGGAAAAGAACAGAAAAGGGGAGGTTACCCAGAGA GGACCCAGGGAAGGAAAGGGGAACACAAACCAAGGAACAAAGAAAGGAGG AAGGAAAGAAGCCAGGAAAGGAAGGGAGGAGGAAGGGAGAGGAAAGGAG GGAGAGAGGACCCCCCGGAAGGAAAGGGAAGGAAGGAAGGGAGGAAAAG G G G G G G G A GCCGAGAGGCCGGGGGGGGAGAGGGAAAAAACCAAGGGGGA AGCCAAAAAAGGACGGAAGAGAAGGAAACCGGAAAAGGAAAAGAAACAGG AGAAGGAAAACCGGAAAAGACAAACCAAAATTAGAGAAGGAAGGAACCAA G GAAGGAAGGGGAAGGAAAAGGAACCAAGGGGCCGGTTGGAAGGGGCCA AAAGGGAGAGGAAAAGGAAGGAAGAAGGGGGGGCCGGAGAAGGGGAACC AAGGAAGGGGAAGAGAGAGAAAGGAAGGAAAACAAGAAAAAAGAAAGGGG AAAAAACCCCAGAAGGAAAGGAGAAAGGGGAAAAAGACGAAAAGGGGGAA GGAGAAGGAAGAGAGAGGGGAGGGAGAAAAAGAGGACCAGGAAGAAGAA GAGAGAACAGGAGGAAAGAGGGGGGGGCAGGGGGGTAAACAGGCCGGAA G G G GAA G GAGAAAAGAGGAGGGAGAAAGAAAGGAGAGAGAAGACGGGGG GAAGGGGAGGGGGGGAACCAAGGCAGGAAAGAGGAAAAAGGAAGGGGGG GAGAAAAACCAAAAAAGGAAAAAGAGGGAGAGGGGGAAAGGCGGGGGGG GAAGGAAAACATAAAGGAAGGAGAAACGGAGAAGGCCAAACAAAAAAGGA AACGACAGGAAGGGGTTCAGAGGGACAAGGAGAGAAAAAAAGGAAGGGGG GAAAGAACAGGGACACAGAGAAGGAAGAAGGGAGGGGAAAAAGGGAGAGA AGAACAAGGACGGAGGAGGGGAGAACGCCACAAGGGGGAGCAAAAGGGAA AGACCGGGGAAAAGGGGGGAACCAGGGAACCCAAAAGAAGGAGAGGGGAC A G G G GAA $\ln$ G GAGGAGGGGGAAAAAAAAGGGGGGAGAAGGCCAGAGAGAG AGGGCAAGAACCGGGAGGAAGGGGAAACGGAAGGAAAAGAAACCAAGGGG GAAGCAAAGAAGGAGAGGAAAAGGAAAAGGGAGAGGAAGGAACCAAAAGG AGGAAGGGAGAGAAAGGGAAAGAAGGAAAAGGGGGAAGCCGGAAAAAGG G G G G G G A G G G G G G AAGGACAAAAAACCCCAAAAAAGGAGAGAAGGAAGGG GGGCCAAAGGGAGGAAAACCCGAGGGGAAGGGGAACCGGAGAAAAGGAAA AGGAGAAAAAAGGAGAAAGAACCGGAGGGCCACAAACGCCCAAGGAAAAG GAAGGAAAAAAGAAGGGAAAGAGAGACAAGAAACCGGGGGACCACGGAGA ACCGGGGGGGGAAAAACGGCCGGGGAAGGCAAGAGGAAGAGGAAGAAAAA TCCAAGGAGAGGAGGCCAAAGGGCCGGAGAGCCAAAGGGGAGGAAAAGGA GAGAAAAGGGGGGGGAAGGCCAACCGAGGAGAGAAGGAAGGGGAGAGGG GAGGGGGGGAGAGAAAGAAGAAGGGAAAGGGAAAGGAAGGAAAAGGGGG G GAAAAGAAAAGCAAGGAAAGAGGGGGAAGACCGGAGGGAAGGAAGGAAA AAAGGAGGGGAGAAGGGGGGACCAGCAGGAACCGGAGAAGGAAAGAGAAC CGACCGAAGAGAAAGGGAAAAGGGGGACCGAGGGGAGGGACAACGGAACA ACCAAAAAAAAACAAGAGGAGGGCCACGGCAGGGAGGACGAGGAGAGAAG AA G G GAAGGGAAAGGGGAACAGAGGAAAGAAGGGGAGCCAAGGAGAAAAG GGGAAGGAAGGGGGGAAGGAAAAAAAAGGAACCGGAAGGGGGGGGAAGG CCGGGGAAAAAAAAGGAAAAAAGGAAGACCGGGAAAGGAGCCGAGGAGGG AA G G G G G GAAAAAAGGAAGGCCTTGGCCCCGGCCGGAAGGGGAAGAGGG

G G G G G A A G G G G A A CCGGGGAAAAGGAAGGAAAAGGGGAACCGGGGAGAA AA $\operatorname{G} G \mathrm{GC} \mathrm{G}$ GAGAAGGAAGAAAGGAGAGCCCCAAAGGGGAACGAAAGGGGG GACGAGGGGGAAGAAAAGGGAAGGGAGGAAGGGAAGAGGAAACAAAGGG AGAGGAGAGGAGAAAAAAGAGAAGATAGAGAACCAAGGGGGAGGCAGAAA AAGGAAGGAACCAGGAAAAGGGCCAAGGAGGAAAAAGGAACCAAGGAGAG GAGGTTAGATGAGGGGGGAAGGGGAGGGGGGGGGGAGGAGTAGAAAAGA AAGGACCGGGGGAACAGAGAAGGAAAGAGAGAAAAAGGAAAAAAGGGAAA AAAGGAAGGGGAAGGGGGGAAAAAAGCGAGGAAAAACCACCGGGGGGGG AAAAGAAACCAGGGGAACGAAGGGAGAGGAAGAGACAACCCCAAGAAGGG GGCCCCCCGAGGCGCCAAAAGCGAGGAGGGACAGGGGAGAGGGGACACG GAACAGAAGAAAGACACAAAATAGGAACCGGGGAAAAGAAGGGAGAAAAC CGGGGGAAAGGGGAAGGGGAAACGGACTAGGACGAAAGGGGAAGGGGAA AGGGACGAGGGGAGGAAAGGAAAAAGGGGAAAAAAAAACAAGAGCAAGGA GAAGGGCCCCAACCGACAGAAAGGGGGAACGGAGGGGGAGAGGGCCCCAA AGGGGGAGAAGAAGAAGAAAAAGAGAGAAGAGAAAGCCAAGGGAAAGGGA AAGGCCCCAAAGACAGGGCCGGCCAGAACAGAGGAAGGCAGAAGAAGACA AAAAGGGGACGACAGGGGCCGAACCCCAGAAAAAAAAAACGGGAAACCAA A GCCAGAGCAAGATGGGGGGGGAAGAGGGAGGGGAGGAGACCAAAAGAG AACACCCAAAGGGGGGGGGCCAAGACCAAGGAAAAGGGGGGAAAAGGGGA AGGGGGGAAAAAAGAAACCAAGAACAGCAAAGAGGGGGGAGGGAAAGGAC AACGAGGCAAACCAAAAGAGGGGACCCCCAGAAGAGAGAGAACAAGAGGA ACCAGAAGAAGAAGGAGAGGAAAACAGAGAGGGGGGGCCAAGGAAAAAAG G G G CCGAGGAGAGAAGAAGAGAGGAGGGGGGGGCCGGCAGGGGAGGGGG CAA G G GAA G G G G G G A A A A G GAAGGCCCCGGAAGGGGAAGGGGGGCAGGC GAAGACCGGAAGGGAAAGGAACCCAGAAAAGAAAGGAGGGAGACAAGGGG AGGCCGAAAGGAAAATACCGGAAAAGGCATTAGGAAGCCGGGGTTAAGAC CGGGAAAGGAAAAGACAGAAGAAAACCGAGACCAGAGGAAAACGAAAGGG AGGAAGGGGAAAGGGAAAAGGAGGAAAGGAGAAGGGAGAAAAGTTAAGG G GAA G G G G G GAGGAGAGGAAAGCCGCAAAAGGGAACGAGGAAAGGCACAA CCAGGGAAAAAAGGAAGAAAGGTTCCGGCCACGAGGGGGGACCCAGAAAG GACCAGCACAAGAAGGGGGGAAGGAAAGAGGGCCGGGGGGGGGGGGGGA GAGAAAACACCAACCGGGGGGGAGGGGGGCAACGAGAGGGGAGAAGAGG CCGAGGCCTTGGGAAACCGGAAAGGGAAAAAGGAAACCAAGGAAAAGGCC GGGGAAAAGAGAAGGAGGGAGAGGCCGGAGAGGGAGGAGAACACAAGGA ACCAGCAAGAAGGAAGGGACAAACACCGAAGGGAAGGAAACGGGAGGAGA A G GACGGAAAGGAGAAGCCAAGAGGCCAAAGGGAGAAAGAAAGGGGGGAA GAGACGGAAAAGGAAAAGGAAAGAAGAAGAAGGGGAAGAAGAGGGAGAGG G G G GAGGAAGGAGAAGGGGAACCGAGGGGAGGAGGAAAGCAAAAAAAAG AGAGGAGGAAAAGGAGACCAAACCGACAGGAAGGAAAAGAGAGGGGGGGA G G GAGGAAACAAAGGGACGGCCCCAAAAGGCCGGCCAAGAAAGGGGGAGG GGCAGGAAGGCCGAGGCCGGGGGGAGACAATTGGGACCAGGGAGAAACA GGAAGAGAAGGCCAGCCAACCCAAGGGACCCACAGCCAAAAAGCCGGAAA GGGGGAAAACAGGAGAAAGGGAAAAGGGGGGAAGGAAGGGGAACCGGAA G GAAGGGAAAGGGGAGAAGGGGCCGAGAAGAGAGAGGAAGGAAGGGAAA
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G G G CCGGAAGGGGGGAAGGAAAAGGAAGGGGGGAAGGCCAAGGGGGGGG G G G GAAAAAACCGGTTAAGGGGAAAAAAGGGGCCGGGGCCAAGGGGCCG GCCGGAAAAAAGGAAGGCCGGAAGGAAGGGGAAAAAAAAGGCCGGGGAAG GAAAAGGCCAAAAAAGGGGAAGGGGAAAAGGAAGGAAAAGGAACCGGGGA AAAGGGGAAAAGGAACCCCAAGGAAGGGAAGGGGGCACCGGAAAAGGAAG A G GAGAGCAAGGGAACAAGCCGGAGAGGGCCAGAGAAGGAGAGAAACGGG A GAGGGGCCAGGGGGAAGGAAAAGAGAGAAGAGAGAAAGGGGAAGAGGG A G G GAA G GAAAAAAGGAAGGCCCCCCGGGGCCAAAAGGGGAAAAAAGGGG AA $\operatorname{GGGGGG} \operatorname{GC}$ CAAAACCAAAAAAAAAACCGGAAGGAAGGGGAAGGGAGGGG GAAGCCAAGAGAGATAGGGGCACACAAGGGAAAGCAGGAAGGGAGAAGGA GGAAAGAAAAAGGGGGGGGGAGGGCAAAGAACGGAAGGAAGAGGGGAGG GGGGCAGGGGGAGAGGGGGAAGGAAAAGGGGAAGGCAGGGGAAAGAGAA GGAAGAGGGGCAGAAGGAGAAGAAGGGACCGGGGGAGGAAAGAGAAAGA AAGAAAGAAACCCCGAGAGAGAGCCAACCGGGAGGGAGAATGGGAGGGGG GAAAAGGGAGACCGGAGACAAGAGGGAGACCAACAGGGGGAGGAAAAGGA ACCAGGGAGACGGGACAAGGACAAGGAGGGGAAAAAAGGAAGGCCGAGGG GGGAAAAAAAACCGGGGAGAAGGGAGGGAGGAGAAAAGAACGACAGGAGC C G G G G G GATAAGAAAGAAGGAGAGGACAGCCGAGGAAAACCGGAGAAAAG GAAAAGGAGAAGGCCGAAACCAAAGGGGGAAAAAAAAGGGGAAGAGAGGC CCCCCGGACAAAGCAAGGAAAGGGGGGAACCCCCCGAAGGAGGAAGGGAG CGGAAGGAAGAAGGGAGCCAAGGAAAGACAGAAACAGAGGGGAGGGGGG AA G GCCGGGAAGAAACAAAACCGGGGGGCCGGGGAACAGGGGGGAGAGG GGAAGAGAAAACCAAAAGGAAGGGGGCGAAACCAAGGAAAAAACCGGGGG GGACCGACAAGAAGGAGGGGGGGAAGGAAGGCCGAAGGGGGAGGAAAGA A G GCAAGGAAGGGAAAGGAGGGGAGGGAAGCCTAAGAGCCAAGGGGGGA A G G GAAAAAAGAAAAAACAAAACGGCCGGAGAAAAGAAAAGGGGGGAGGG ATTGGGGGGGGGGGAGGAAAAAAGGAAGGGGCCAAAAAGAGGGGGAGGA CCAAGGGGCAGGGAAGGAAGACAAGGAAAAAAAAGAGAGAAAAGAAGGAA AAAGAAAAAGGGGGGGGGAAGAAGAGAAGGGGAGGAGAAAGAGAAGGGG AGAAGAAAAGGAGGAGGAGAAGAAGCAGGAGAGAAAAAAAAAAAAGGAGA AAAGGGGGAGGAGAAAGGGGGAGGGGGCCCCCCAAAGGAGGGGGACCAA AA G G G G G A GAAAAGAAAGAAAGAGAAAAAGAAGAGAGAGGAAGAGGAAGG AGAGAAAAGGAGCACCAAGAAAAAGAAAGGAGCCGAAAAAAAAGAAAAAG GGAGAGGAGAAGAAAGGAGGAGGGAAGGAAAACAGGAGGGGGAAGAAAG G G G G G G G AAAAAACCGAAAAAGAAAGGGGCAAGAGGAAGAGGAAAAGAGA ACCGGGACCGGGGGAAGAGCAGGGGAAGAGGAAGAAACCAAAAGAAAGGG G G G A G G G CAA G GAGAAGAGGACAGGGAGGAGGGAGGGAACAGGGAGGAG G G G GACAGAGAAAAGGAAGAGAGGGAAGACGAGGAAGGAGAAAGAAGGG GCCAGGAGGGGAAAAGAAAAGGGAGAACCAAGAGAACAGGACCGGCCGGC CAGGAAGCAGAGAGAAAGGAGGAACAAAGAGAAGACAACGGAGCCAGGAA AAAAGACGGAAAGAGAAGGGGGAACAGGGGGGGGGAACCAGAGGGGACC CCCGAGAGGAACGGGGAAAGGAGAGAGGCCGAAAAAGGAAAGAGGGAAAG
 GAAAAGGGGGGAAAAGGGGGGGGAAGGAACCAAGGAAAAAAGGAAAAAAG GAAGGAAAAAAAAGGAAGGAAAAGGCCAAAAGGAAAAGGAAAAGGGGAAA AAAAAAAAAAAAAAAGGGGGGGGAAGGGGGGGGAAAAAAAACCGGGGGGG GAAGGAAGGGGAAAAGGGGGGGGAAGGAAAAAAAAAAAAAAAAAAAAAGG GAAAAGGGGCCGGAAAAGGCCGGGGAAGGGGAAAAAAAAGGAAGGAAAAA AAAAAGGAAGGAAGGAAAAGGGGGGGGAAGGGGGGGGAAAAAAAAGGAA AACCAAGGGGGGAAGGAACCAAAAGGGGGGAAAAGGAAGGGGCCGGGGA AAAAAAAAAGGGGAAGGAAGGAAGGCCGGGGGGGGCCGGAAGGAAGGAA AACCGGAACCCCAAAACCAAGGAAAAGGAAGGTTGGAAGGGGAAAAAAGG AAAAGGAAGGAAAAGGCCGGGGAAAAGGCCGGAAGGAAAAAAGGGGAGAG G G A A G A G G G GAGGAGGAAAAGGGGGAGGGGAGAAGAGGAAGGAACCACA CGAACAGAGAAAAAAGGCCCCTTAGGGGAAGAAGGAAGAGAAGGGAGGAA CGGGAAGGGGAGGGGAGAGGGGGAGACGAAAGGCCAAGGAAAAGGAAAA AAGGAAAAGAGGAAGAGGAAAAGGAAAAAAAAGGAAAAAAAACCCCCCCC AACCAAAAGGGGGGAAAAAGCAGGGGGAGGAGACGGAAGAGGAAACAGAA AGCCAAGGGGAACCCCGGAGAGCAGAAGAGAGTTGGGAAAAGAAGAAGGG ACACAGGGAAGGAAAAGAAAGGCCGAGGAGAAAAGGGGGGGGCCCCGGCC AAACGGAAAAAAGGAAGGAAGAAGACAGGGAAAAGGGGAAAAGGAAAAAA

G G G G G GCCGGAAAAAAAAACGAAAGAAACCGGAGAGAGGGAGAAAGCCAG AA G G AA $\operatorname{l}$ GGGGGAAAAGGCAAGGGAGAAAAAGGGGGAAGAGAAGGACCAA G G G GAGGGAAGGAAGGAAGGAAAAGAGAGGAAAGCCCCGAAGCACAGGG GCAAAGGCAGAAAGAGGAGCAAGAACACCAGGGGGGGGGAGGAAAAGAAG G G G GAAA G G G GAAAAGGGGAAGGAGAAGGGGGGGGAAGGGGAAGGCAAG A GAAAGGGAAGGACCCAAGAGAGGGGGGAAGGGGGAGAGGAGGAAAGAT AGATAAGAGAGAAGGGGGGGGGGAACCACAAGGAGAGGAGAAGCAAAGAA GAAAGAGAAGGCCGGAAGGAGAGAACAGGGGCCAAAAAGCCCCAAAAAAC CAAAAAAGGGGAAGAAAGAGGCGGGAAGAAAGAAGAAAAGGAAAAAAACC CAGCCAAGGCCAAAAGAAGACAGGAGAGGGGTTGGGGAAAGGACAAAAGG GGGGGAAAAAGAAAACCAAGGAGGAACGGGGAAGGAAAGGGCAAAGGGG GAACAAAAATCAAGGGAGCACAAGAGACAAGGAAAAGGGGAAGGAAAAGG G GAAGGAACAAAAAGGGAAACCAAAGGACCGAGGGGGGAAAAAGGGGAGG AGCCAGACCAACGGAGACACACGGGAGGAAGGGGAACCAAGGAAAAGGAA GGAAAAAGGGCCGGTTAGGGGAGGGGAGGGACAGAGGGTTGGGAGGAAA AAGAAAAGAGCGGCAGGGGAGAAGGGAAGAGGGAGTTAGAGAAAAGGGG AA G GAGGGGGAGAAAAAAAAAAGGCCGGAGGAAAGAGGATGGAGGGCCAG CCAGAAGGGGGGAAAACCAAAAAACAAAAAAGGGGGGAAGGGGGGAAGGG GAGAAAGGGGAAAAGGGGAGGGGGGGAGGGGACAAAGGACAAGGGGAGG GAAGAAGGGAGAGGAAGAGAAAAGGGGAAAAAAAAGGAAAAGAGACCAGG AAAGGAAAAAAGGCAGAGGGAACAAGGGGGGGGGACCAGAGCAGGGGGG AAAAGGGAAAGGGAAAGGGGAAAGAAAATTGAAGAAAAAATTAAGGAGGG GGAGGACAGAAGGAGGATACAGGAGAGGGACCGGAACCGGAGGAAAGAG GGGAACCGGCAGGGGGGAAAGGAGGAAAAGGCCGGAAAGCAGGGGAGCC GGGACGCAGGAAAAAAAAGGGAAGAAGGGGGAGAAAGAGGATCGGAAAAC GA G G G G G G G G CCGGAA GAGAAAGAATGGGGGGAAGAGGCCGGCGCCGGG G G G G G A A A A G G G G G GAGAGCCAAGAAAAACCGGAGAGAAACGGGGAGGG AGAGGGAGAAGAAGGGGGAATTGGGAACAAGACCAAGAGAGGGGGGAAA GACACAGGGGGGAGAACAAGGAAAGAGAAGGCCGGAAGGGGAACGGGCCA AGGCCGGCCCCGGGGAGGGGGGGAAGACCGAAGGAAGGGGGGAAGACGG GAGACAAAGGAGCAGACCAAGGAAGCGAGAGAGAAGCCAAGGGAGGGGAA GGGAACAACCAGAGAAGGCCACCAGAGGGAAACCAGGGGAGGAGGGCCGG CCAAAAGGCCGGAAGGACAAAAGAAGAAGGGGGGAGGGCCAACCAAAGAA AAAGAGAAAAAAGAACAAGGAAGGGGGGCCACGGGGACAAAAGGGAGGAG GGAACAAACCGGAAGGGGGGGGAGAAGGAAAACCAAGGGGAGGGGGGAG GAAGAGAAAAAAAGGGGGGAAGGGACCAAGGGGGAAAAAAAGGAACAGGA ACCGGAAGGAAGGAACCAAGAAGGAGAAAAAAAAAAAAAGGGGCAATAAA GGGGAAAAAAAAAGGAGAGAAAAAAGGAGAAAAGGGGAAAAGGAGGAAAC ATACCAGGGAACCACAAGGAAAAGAAGAGCCTTGGGGAACAAAGGAGACC AAGGGGGAGCAACGAGAGAGAGACCAAAACAAGGGAAAAAGGACAGGAAG GAGGGGAGAAGCCAAGGAACCAAGGCCAAAAGGAAAAGGGGAACAGAGGA GGAGGAAGAAAAAGGCACCAAAAAACCGAGGGGGGGGGAACAGGGAGCAG GGGAAAAGGAAAAGGAAAACCGACCAAGGGGGGGGAGCCGGGGGGGGCC AGGGAAAAGGAGGAAAAGAAACGGAATTCCGGACGAGGGGGGGAGGACG GGGAAAAGGAACCAGGGAGGGCCAAAGAGGGAGAAGAGAGAGAGGCCCCA AAGGGAAAAGGGGGGAACCAAAAAATAAGGAGAAACCGGCCAAAAGGGAG AGAGAAAGAGGCAAGAAAACCAGGGAGAAAGAGAGAAAAAAAAGGGGGGC AA G G GAGAAGGGGGGAAGGGGGAGACCAAGGAGGAGAGAAACCAGCCAG AGAACCAGAAAAGAAGAAGGAGGGGGGAGGGAGGGGAAGGGGAGAAAAA GAAAACCAAAGGGAAAAGGGGGGGGGAGGAAGGGAGAGAAGAAAGAAGG CCACAAAAGAAGGGGGCCCCGGAGCCGGAAAAAAAAAAGAAAAAGACCGA CGCAGAGGAAGAAGGAAGAGAGCCGGCCAAAAGGAAGAAAAAAGAAGAAA AACCAGGGATAGAGAAAGCCAGGGGAGGCAAAGAAAAAAGGGGAAAGGCC G GAA G G G G G GAACCGGCCGGGGAAAGAAGGAAAAAGAAAGAAAAGGCCGG G G G G CCAAGGAAAGCCAAGGAAGGAAGGGGGGAAGGAAGGAAGGAAAACC GGAAGGAACCGGGGAACAGGGGAAGGAAGAGCAGGGAACGGACCACGAAA CCGGGGGGCCGGAAGGAAGGGGCCAGGCAGAGAGGAAAAAAGAGAGAGA GGGAAGGAAGGAAGGAGAGACCCGGGACAAGGACCAAGAAAAAAAGGCCG GATGGAAGGAAGAACACAACCGGAAGGAACCGGAAGGAGGAGAGGGGCCG GGGGAGGGGGGAAAAGGAAAAAAGGGGGGAAAAGGGGAAGGAAGGCCGG AAGGAAAAGGGGAAAACCAAGGGGAAGGGGGGAAAAGGAAGGGACAGGAA

A G G G GAGAGGGGAAGGGGAAAAGGGGGAAAAAGGGGGAGAGGAAGGGGG AGAAGGAGACAGGGAAAGAAGACGCGAGGAAGGCCGGGGGAGGGGCCAA GGAAAAAAGAGGACGAGGCCAGAAAAGAAGACGAAGAACCGGGGAGCCGG GAAGGGGGGAAGCCACGAGGGGGGAGAAGGAGGGGAGGAAAGCCGAAAA ACAGAAAGGAAAGGGCAGAACGAACAAAAGGAGAAAAGAAGGAGGTAGAC AGGGGGGAACCAAAAGGAAGGGGGGAAAAAAAAGGAAGGCCCCCCGGAAA
 G G G GAAAAAACCAAGGAAAAAAAACCAAGGAAGGAAAAAACCAAAAAAGG G G G G A A G G G G G G G G G G G GCCGGCCGGAGGGAAAACCGGGGCCAAGGGGG G G G G G A G A G A A CACCGCAAAAGGAGACGGGGAGCAGGAAAAAAAGGACGA AGAGGGGAACCGAAGGGGGAAGGAAGGAAAACCCCAAGGGGGGGGGGGA A G G GAGGGGGAGACAGGGGGAGAAACAGGGGGAAAACAAAAAAAAAGGAG GAGAGAAAAAAAAAAAACAGCACAGGGGCAAGGGGGAAGAGGCCAACCGG AAAGGAAAAACAAAAACAAAGGAAGGAAACAAAGAAAGGGGAGGAAAGAG ACAAGGGGGGAGGGGGAGGGGGGGAAGGAAAAAACACCGGCCAGGGGGC AGGAGCCAGATGAAAGAGGCAAAAGGAAGGGCCAAGGGGAAGGGGAAGG GAAGGGGGGGGAAAAACCGAAAACAGCCAAGGACGAGGGAAGAAAAAGAA CCAGGGGAGGGGGGAGCAGGAACCCCGGGGCCAAGGGGGGGGCCGGAAA AGGGGAAAAAACCGGAAAGACGAAGGGGGAGACGGGGAAAAAAAAAAAAG AGAAAAGCAACAGGGAGAGACCCGGAAGGAAAGGAAAGAGGAGGAGGGGA AGGAGAAAAAGAAGGGAAGAGACCAAAAAGAAGGGGCCAACAACACGAAA G G A A G A GAGGAGGGGGGGGGGAAAAAGCAGGGGAGAACAAAAAAGAGGG AACCGAATGAGACCACGAGGGGAAGGACGGAAGGGAAACGAACCAGGAAG CCGGGGCAAACAAACCCAAAAAAAGGGGCCAAGAGGCCCCAACCGGGAGA AAGGAACCAGGAAGGGGAAAAAAAAAAGAACCAGAGGGGAAAGAAAAAGG GGGAAAAAGACCCCAGAAAAAGACAGAAAAACAAAAATAAAACCGGAGGA AA GAGAAGAAGGCCAGAGAATACAAAGGGGGGAAGGGGGGACAGTACCAA AAAAAAGAGGGGAGAGGGGGGGGAAAAAGGCCGGGGACCCAGGAAGAAAA GAAGAGCATTAGAGAAAAAGGAGGGGAAAGAGAGGGAAAAAAGGAAAAGG GGCCGGGGAAAAAAGGGGAAGGGGGGAAGGGGCCAAGGGGAAAAGGAAG GAAAAAACCGGAAGGAAAAAAAAAAGGGGGGAAAAGAAAGGAAGGAAGGG GAGACAAGGGGGGCCCCCAGGAAGGGGAAAATAGCGAAACCGGGAGGAGG GAAAGCCAAGGGGAACCGGAACCACCCAGAAGAAAACGGGAAAGAGGGAG G G G G G G G GAGGGGCAGGACAACCGGAAGGGAAGGAGAGAGGCAGAGAAC G GCCGGAAGGAAAAAGGGCCAGGGAAAAAAGGGAAGAGAGAAAGACGAAA GGAAGGAGGGGGGGGAGGGGAAGAAGAACCGGGAAGAACCAAGGGGAAC AA $\operatorname{A} A \operatorname{A} A \operatorname{GCCGGAAGAAGCCGGCCGGGGGGGGAAGGGGGGAAACGGGGGG}$ G G G G G G G GAAAAAAGATTGACCGGAAGGAAGGAAGGACGGAAAGAGAGG AAAAAAGAAAAGGCCGAAAGAAGGGGGGGGGAAAGAGGGACAACAAAGGG GAGCCGGAAGGGGCAGGAGAAGGCCGGAAGGAAAAAAAAAAGGAAAAAAA AAACCGGGGGGCCAAGGGGAAAAGGGGAAAAAAGGGGGGGGAACCGGAA AA G GAAAAGGGGAAGGGGAACCAAGGAAAAGGGGAAGGAAGGGGGGGGA AA G G G G G A A G G A A A ACCGGAAGGAAGGGGAAAAAAAAAAGGGGGGAAGGA AAAAAGGGGAAGGGGGGCCCCGGAAGGAACCCCAAGGAAGGGGGGGGGG GGAAAAAAGGTTAAAAGGAAGGGGCCGGAAGGCCAAAAAAGGAAAAAAGG GGGGGGAAAAAACCCCGGGGGGAAAAAACCCCAAGGAAAGAAAAGGGGAA AGAGGAAAAGCCAGAAGAGACCCCAAGAAACCGGCCGGAAAGGAAGGAGA AGAACAGAAGGGGGGGCCAAAAAAGGAAGGAAGGAGGGGGAAAAGGCCG G G GA $\operatorname{l}$ CCAGGACCAGAGGAGGGGGGCCGGGGAGGAAGACGGAGGGAGGG AAAAGAAGAGGGCACCAAGGGGAATTGGGAAAAGGAAAAGCCAAAAAAGG AA $\operatorname{l}$ GAGGGGGGAAAGAAGGGGGGGGGAAGAAAGGGGGGCCAAGGCCAGC CAAAAGGAAGGCCAAAAGAGGTAGGAAAAACAAAACCGAGCAACCAAGGG GAAAAAACCGGGGGGTTAAGAAAGAGGGGAAGGAAAGGGGAACGGGGAAC CGAGGAAAAGGAAAAAACCGGAGCCGGAGAAGGACGACCCAGGAAGGAAG AGAAAAAGGAAAAAAGGAAAAAACCGAAGAGGAGGGAAAGGAGACAAGGA AAAGAAAAAAAAAAAGGAACCGGAAAAGGCCGGAAACGAAGGGGAGGAAG G G G GAGGAAGGGAGGAAGAAGGAAAAAAACCGGAAAAGAGGAAAGACGAG AAAAGGAGAGAGGAAAAAAAAGGAAAAGGCAAAAAGGAAGGGGAAGGGGG A GAGGGAAAAAAAAGGGAAAAGGCCAGGGAAGGAGGAAGAAGGGGCCGG G G G GAAGACCAACCGGCCTAGGGAGGAGGGGGAAAAAAAAAGGGCAAAAA GGAAAAAAGGAAGGAGGGAAGAGGGGAAGGAAAAAAAAAACCGGAACCAA

AACCAAAAAAAAGGGGGGAAAAGGAAAAGGGGGGGGAAAGGGAAGGGGG GGGAAGGAACCCCGGGGAAGAAGAGAAGGGGGGACGAAGGGAAGAGGGG GGAACCGGAGGGGGAGAAGGCCGGAAGAGAAAAAGAGGGGAAGCGGGGA AGGGAGACAGGGGAAGGGGGGAAGGAAGACCAACACAAGGGGGGGAAAA GGGGAAAAGGGGAAAAAAGGAAAGGGAGGAGGAAAGGAAGGAGAACAACC GGGGGAAGCCGGAAAAGGAAAAGGGGAAAAGAAGGGCAGAGCAAAGGGG AGAAGGGGAGGGGGGGACCAAGGGGGGAGGGGAGGAGGAAGGGAGAAAA AGACAAGAGGAGGGCCAGGGAGAGAAGGAAAAAACCACCCGGAGGGAGAG AGGAGGCCGGAAGGCCAGAGAGGGAAAAGGAGAGGGAGGGAAAAAAGGG GAACAGGAAGGGAGAAGAGGAGGGAAGAGGGGGGGAAAACCCCAAGGAG GGGACCGAACGGGGGGGACCCCAAAAAAGGAACAGGACAAGGGGGGGAAA GGGGGGACAAGGAGGGAACCGGAAAACCGAGGCCAAAACAGGGGTTGGG GGAAGACGGGGCCCCGGGAGAAACCAAGGAAAAAAAGGGGGGGCCAAAAA GGAGGGAGGAAGGAAAACCGAAAGAGGAAGGGGAAAAGGCCAAAAGGAAA AGGAGAGAACCGGAAAAAAAGAGGGGGGAAGCCAAAGGGAGAGAAGGGGA ACCGAGGGGGGAGAAGGGGAACCCCAGGGAAGCAGGGGGAGGAAAACGA CCAAAAAAAAGAGACAAAGGACCCGGGGAAGGGGGGCCAGACAAAACGAG ACGAACGGGGGGGGAACCGGGGACGGGAGGACGGGAAACCAGAACCGGG GAAGAGGAGAAAGAACCAGAAAGGGAAGGAGGGGGAAGGAAGGAAAAAGG GAATTAGGGGGGAAAAAGGAAGGAAAAGGGGAAAAGAAGCCGAAGAAGAG GAACCAACCGGGGAGAAGGGGCCGGAGGAAAGGGGGGGGAAAAGGGGAA GGGACAGAGGCAAGGAAAGAAGGGACGGGGAAAGAGTTAACCGGGGCCGA AGGGGGGGGGAAAAGGGGAGGAGGGGAAGGAACCGGGAGAAGAGACAAA GGGAGGGGAAGCAACAAAAGGGCCAGGGGCCAGCCGAGGGCAAAGCCGGC CCCGACCGAAGAAAAAGGGGAGGGGGAAAGGGGACTTGGAAGGAAAAAAA GGAAGGGCCAAGGCAAGCCAAAAGGAACCGGGGAAAAAAAAGGGAAAGAA AGGAAAGGGGGCCGGAAAACAAGGGGAGAGGACGGGGAACCAAGGAAAGA AAAGGGAAAGGGAACGCGCGGAAAACCAGAGAGAAGGAGAGGGGGAAAAG GCCAAGGGGAAAAGGCCGGAACCGGGGGGAAGGGGGGAAAAGGGGAAGG AAGGGAAGAGACGGAAAGGGGAAAAAGAGAGAGAGGGGAAGGGGAAAAAC GAAGGAGGGGGAGGGGAGGGCCAAGGCCCAGGAAAGGGAACAAGAGAAG AGGAGGAGGAAAACCGGAAAAAAAGCAGAGAAAGGCCGGGAGGAGGGAAA GGAGAAGAAGAGGAAGGAAGGGGGACCGAAGAGAAGGAAAAGGAGGGGG AGGGGGGGCAGGAAGGAAAAGAGAAGAGGAAGAAAAAGGGGGAAAAGAA GGAGGGGAGGGCCAAAAAAGGGAGGGGGACAGAAAGGGGCGGGAAAAAA GGAAAAGGGGAGAGCCGGAGAAGGAAACGGGGAACCAAGGAACCGGGGG GGGGGAAGGAGGGGGGAAAGAGACAAAGGGGGAGGCCAAGGGAGAAGGA GAAAAAAAGGGGGGCCAAAAGGGGAAAAAAGAGGGAGGGGAAAACCAAAA GGAAGAGAAACAGGAGGGAGAACCACGGCCAGAAGGAAGAAGCCGGCCAG GGAGGGGGGGCCGGAGAAGGGGAAGGAAGAAAGGGGGAGGAAGAGAGAG GGGAGGGGGAGCAAGAGAGAGGGGAAAGGAGGGGAGAGGGGGACAAACA CAA $A$ AAAAGGAAGGAAGGGGACGGGGGGAGGGGGGAAGCCAGGGAAGAG GAAGGCCGGAAGGAAGGAAAGAGAGGAAAGGAAAGGGGGGGAGAGGAAA TTCCCCGGGAGAGAGGGGGGAAGGGGGGAGGAAACCCCCCAAAAAAAAAA GGCCAACCGAAAAAAAAAGGAAAGCCGAGGAACCGGGGGGAGAGAAAAGG GGAAAGCCCCAAAATTAGCAGGCCAAGAAAAGAGGAGAGAGAAAAAAAAG GGAAAGGGACGCGGAACCGGGACAAAAGAAGGAAGGAAGGAAAGACAGGA GGAAAACCAGAAAAGAAAGAAAAAGGCCAAAAAGAAGGCCGGAAAAAGAC AA $\operatorname{la}$ AGGGGAGGGAGGGGGAAAGGGGACAGGAGGGGGGGGAGAGGAAGC CGAAGGGCCAGGGAGAGAGGGGGAAAAAAAAAAGGGGCCAGGGGGGGCC CCACCCAAAGCCAAACGAGAGGCGCAAAAAAAAAAGAGGGCAAGGGGGCC AAACGGACAAGGGGGAGGCCAGAAAGGAGGCCAAGAGGACAAGGAAGGGA CCGGCCAAAAAAGAAAGAGGAAAGAAGAGGAGAAAAAAAAACGGGGCCGG AAAAAAAAGGGGAAAGGGGGAGAGAGGGAAGGGGAACCAAGAAGACGAGG AGGGAAAAAGAAAGAAAGGGAAAAAAGGGGGGAAAGAAGGGGAGAAACAA CACCAAAACCAGGGTAGGGGAAGAGAGGGGGGAGGAAATAGAAAAAGGAG AGAATTCCGGAAAGGAAAAACCCCGAGGGGGGAGGGAAAAACGGGAGACC GACCAAGGGGAAGAGGTTCCGGGGAAGGCAGAAGCAAAAAACGGGGAGCC GGGGGAAACAAGAGGGGGAAGGAAAAGAAAGGAAAAGGGGGGCCGAGGA AGGCAAAGGAAAAGGAAGGGGAACCGGAAGGGGAAGGCCCCAAGGGAAAA AAAGGAAGAGAAAGGGGAGAGGGAAGGAAAAGGGAGGGAGACCGAAAGG

G G G A G G G A G A A A G G G G G G A T G GCCAGGGGGAAGAAAGGGGGGCCAAGGA A G GAA $\operatorname{A} A \operatorname{Ag} \operatorname{AGAGGGCCAGAAGGGAGAGAAGAGGGAGACGGGAAAGGAA}$ AA G GAAAGGGGGGGAAAAATAGGGAACCAAAAGGAAAAAAAAGGAACCAA AA $\operatorname{la}$ AG $\operatorname{AA} \mathrm{A}$ GGGGCAAACCGGGGACAGGGGGTTAAAAAAGGAGCCGACCAA G GCAAAAAGGACAAGAATAAGGGGAATTAACCGGACAAAAAGGGGGAGAG
 A G ACGGCGACGGGGGAAAGGGGAAGCGGGAAGAGAAGGAACCGGAAAGG GAAAAGGGGGGAAAGACGGAGAGGGGGAAGGGAAAGAAAGGGGAGCCGG AA $\operatorname{GAA}$ ACCAGAAACGGGGAAGAGGGGAGAAGAAGGGAAGGGAAGAAGGG GAAGGGGAAGGAAACGGGGGGGGAAGGCCAACAAAGAGGGGAAGGCCAG
 AAACAAGAAGGCCAAAACCCGGGAGAGAGGGCCAAGACAGGGGGGGGGGA GAGAAGGAGAGGGAAACCCCACAGGGGAGAGGGAACAGACCAAAAAACCG GCAAAGGGGCCGGAAGGAGGAAAGGAGAAAAGAAGGGGACCAGAAGGAGA AAGAAGGAAGGACAAAAAGACAGGGAAAGGAGAACGGAAAAAGAAGAGGA GAAGGCCGAGGAGAGGGGGGGCCAAGGGAAAGGAAAACCAAGGAAGAGA G GAA GAGGGGAACCAGAACCGAAAGGAAACACAAGAGAGAAGGGAAGGAA AA G GAAAAGAGGGGAACGGGGGGGGGGGGAAAAGGAAACCGAAAGGACA A G A G G G G G A A G A A G G G GAGAGGAGAAGCCAAGGACGAACGGCCCCAAGGA A G G G G G G G GAAAACCAAAAGGGGGGGGCCGGGGCCAAAAAGAGAAGGAA G G A A G G G G A A C C G G A CAA G GAGAAGAGGGAGGGGGGGGAGAGACGGAGA CAGGGAGGGAAAGAGAAAGGGAGAGACAGAAAAGGGGAAGGGGAACCAGA GGAGGCCGGAAAAAAGGAAGAAGAAGAGACAAAAACAGAAAGGCCGGGGC CGGCCAAAAGGGGAGGGAAAAAGGAAGCAGGAAAGGGAAGGGGAAGGGG AAAAGGAAGAAAACAGCCGGCCAAAAGGACGGACGGAAAAAAGGGGGGGA AGGAAGAGGGGGAGGGAAAAGGAGAGGACAAAGGGAAGCCAAGGAAAAG G G G G G G G G G G G A G G G GAGGGGAAAAGGGGAGGAGACAAAGGGAAACCAG
 AAACCAAGGAGAGAGGGAGGGAAAAAAGACCGGCCAGAGGGAAAAAAGGA ACAAAAAAAGAGGAAGGAGCCAACCAGGAAGGACCACGAAGGGAAAAGGA AAAGGGAGAAACAGGAAAAGGGGGAGGAAAGCCGGAAGGGAAGGGGGAG GGGGAAAAAAAGGAGGGAAAGGAGAGGAAGAGCAAGGAAGAGGGGAAAG GGGAAAAAGAAAAAAGGAGCCCCCCGAGGAAAAAGAAGGCCGGAAAGGAG AA GAAGAACGGAAAAACAAGGAGAGGGAAACGAAGGGAAAACCGGGGGGA G GA $\operatorname{A}$ GCCGGAGGGGGGGAGGGGGGGGAAGAGGGGGGACCGAGAAGGGCC AGAAAAGGGGCCGGAGGAAAAGATAGAGAGGAGGAAGGGGAACCCGAAGG G GAGAAGAAGAAGAAGAACAAAGGGGCCAACCAAAAAGGGAGGGCCGGGA CCCCGGAAGGGAAGCAAGGGGAAAAAGAGGATAAGGAGGGAAAGGAGAAG G G G GATGGGGAAAAGGGGGACCAAGGGGAAAGAGGAAAGGGGGGGGGGC CAGAAAGAAAGAAGGGGAAAAAAGGAACCGCGAGGGGGGAAGGCCGGGG G G G G G GCCGGAAAAAAAAAGGAAGAAAAGGAGAACCGGAACAAAAGACGG CCAAGCAGAAGAAAGGGGGAAAAAGGAAGGGGAAACGGAAGGGAAGAAGA GGAGGGAAAAAAGACCGGGGAAGACAAGGAAGAGAGGGGGGAAAAAAAGG GGAGAAAAGGGGAGCAGGAAGGCCGAGAAGGGGGAAAAACAGGGGAGGG GAAGGAACCAAGGGGGGAAGGGGGGGGGACCGGGGAAGGAAAAACGGGG AGAGCCAAAAGCGAAGGAAAGGAAAAGGGGGGGGAAGGGGCCCAGGAGA GAGGGAGAAGGGGGGGAAGGGGGGGAGAAAAAAAAAAAAGGAGGGAGGG AAAGAGAGGACCGGAGGAGACCAAAAGGAAGGGGGGGGAAGGGGAGAAG AA $\operatorname{l}$ GGGGGGAAGAAGGGAGCAAGAGGGGGAAGAAAAAAGAAAAGGACACA GCCAAGGGGAGAAAGCCAGAAGCAGCCGAAAAAAGGGCCGGCAGAGGGGG G G G G GCCGGCCAGAGAAGGGAGGGGGGGGCAGAAGGCAATTCCAGGGGG GGAAAAAAAAAGCAGAAATTAAAAGGGGAGAGGACCTTACGGGGGGAGGA G G G G G GAAGAACAAAAAAAAAGGGGAAAAAAAAAGAGGACAGGGGACCGG AAAGAGGGCCAAGGGGAGAGAGGAAGGAAGAACAAGAGGAGGAAGGAAG GAAGAAACCCCAACCACAGAGAGGGGGCAAGAAGCGGAAAAGGAACAGGA AGGAGGAAAAAAAGGGGGGGAGGAGAGAAGGCCAGGAGGGGGGGGAAAA GGAACCCAAGAAAGAAGGGGGGCCACAAAGGGCCAACCAACCAAGGAAAA AACACAGAGGGGAGAAGAGAAAGGGGAGACAGACGGAAAATTGAAAGGAA GGGGCCCCGGAGGAAGGGAAAGAGGAGGGGAAGGGGAGAAAAAAGGAAA AGGGGGACCAAAAGGGGGGAAGGCAAAGGAAAAGAGAAAAGAGAACCAAG AGGAACCGGCCAAAAGGGAACCCAGGGCAACAATTAAGGCCGGAAGGAAG

G G GAGGGGGGGAGGGGGCAAGAAAAGGCCGAACACGAAGAGGGGGAGAA AAAAAAGGGCCAGAGGGAAGGGGGGAAAGGGGGAAAGGAAGGACAACCAA G GAAGGGGCAAGAGAAGAAAAGAAGAAAGGAAGGGAGGAAAGAGGAGCAG GAGGGAAGGAAAGGGGGAAACCGAGGAAACAAAGAAGAACGGAAGAAACA G G G G G G G A GAAGGAGAGAGGAGACAAAGAAAGAAGGAGACGGGAAAGGG AA $\operatorname{l}$ GAGGAAAGAAAGGGAAGGGGAAAAGGAGAGGGGGGAAGAAGGGGGG GAAAAACAAAAGAGAAGGAAGGCCGAAAAGGGAGAAGGGGGACCAAGGAG AA G GAAGGGGAAGGGGCCGGAAGAAACGGGCAAGGGGGAAGGCCAACCAC AAAAGGGGGGGAGAGAAGAAGGAGAACAGGCAAGGGGGAAGGGGGGAAG AA $\operatorname{A} A A \operatorname{A} C C G G G G G A A G G G G A G G G G A A G G A A G A G A A G G G G G G G A G G G A G$ ATGAGGCCACGGACGAGAGGACGAAAAAGAGGGAAAGGGACAAAGGGAGG GAAGGGAGGGAAGGGGAAAGAGGGGGGGAGGAGGAGAAAGCCGGAGAGA GACGAGGACGGAACCGGAAAGGGCAAAGGAAGAGGAAAGAAGGAGCCGAA AGGGGAGCAGGGGAAAAACGGCCGCGGAGAGGGAGAGGGAGGAAAAGGG AAGGAAGGAGCCAAGGAGGGAAAGGAACGGAAAAGGAAAAGGTTAAAAGA AGGGGGGGGGAGAGAAGGGAGGAAACGAGGAGGAAGAGAAGGAGAAAAA TACGAAGGGGAACGAACTAGGGGAAAGAGACGGGACCAAAGACCCGGAGA AGGGAAGGGAAAGGGCCAAAGAAGGGGGGGGAAACAGAAAAGGGGGGAG GAGGGGGGGGAGGGAAAAAAAGACAAGGAAAAGGGGAAAGAAGGGGGGT TCCCCAAAAGGAAGGGGAACCCCAAGGGGGGAAGGGGGGCCAACAAAAGG GTTGGGGAAGGAGGACACCAACCAGAAACAGCACGGGGAGGGGGGAAAGG AA $\operatorname{l}$ A $\operatorname{GAGGGGGAACCCCGGGACAAAAGGGGGAACCAAGGAGGGGAAGCCG}$ G G A G G G G GCGGAGAAAAACGACCGACCAAGGGGGGGGGGCCGGAGAGAG AGGGAGAAGAAGGAAAGGAGCAGGGGAACCAAAAAAAGAGGGAGCCGAAA G G GAAAGGGAGAGGTTCCGGGGCCCCGGAAGGAGAAAAGGGGGGAAAAA AAAAAAAAAGGGGAAAGGGGGGAGAAGGGGGAGGGGGAAAAGGAAGGAA GGAGGAGGAAAAAACCACGGAAGGGGGGGGGGGAAGAGGGAGGAGGAAA AAAGAAAAAAAAAAGAGAAAAAAGAAGGGCCACGAGGGGAAAAAAAAGAA CGGAGGGAAAAAAGGAGAGCAAAGGCAAAAAGGAAGGGGGGGAAAACGAA GAGCAGGAGACGGAAGGGAGGCAGGAACCGGGGGGCAACAGGAAGAGAG GGAAGAGGGGAAAAGGCCAAGGGGGGAAAAAAAAAAGGGGGGGGAGAGA AACAGAACAAAAAGGTTGAGAGAAGGGGGCCCCAGCAGAAAAGGAGAAAA AAAGGGAGGAAGGAAGGGGAAAAGAAAAGAAAAAACCAAAAGGCCAAAAA AGAAGCCCCAAGGAGGGGGCGGGAAAAACAGGGGGAAAAGAAAACGAGGA AAAAGGAGGAACCAAAAGGGAGAGGGGGGGGAGAAACGAAGACAAAGGAA GGAAAAGCAAGGGGGAAAAAGCAAAAAGGACGAAAGGAAAAGAAAGGGAC CGGAAGGAAAGGAGGAAAAGGACACAAGAAAGGGAGAGGGAAAAAAAACG G G G AC G G GAA G G G GAAGGAAAGGGAGGAGGGAACCAAGGGGGAGAGAAG AGGAAGCCAGGGAAAAAAGGGGGCAAGGCCGGGGAAGGAGGGGGAGCAG AGGGGAAAAGAGGGGAAAACCCGAGGAAAGGAGAAGGAGAGAAGGGGAAC CGAAGAGAGAAGGAAAAAGAAAAGGAGCAGAAAAGGAAAGGAGAGGAGAC AA G G G GAAAAGAGAGGGGGAAGGGGAAGGGAGGAGGGAGAGGGGGGGAA AAAAAAAGACGGAAAAAAAAGGAAAAAGGGAAGGGGGGACGGGGGAAACC GGGGAGAAGGCCAAAAGGAAGGAAGGAAGGGGAAGGGGAAGAGGAAAAG GGGGGGGAAGGAACCGGGGAAAAGGAATTGGAGGGAAAGAAGGGGGGAC AAAAAAAGGGCCGAGACCAAAAGGCAAGAAAAAGGGACGGGAAGAGAAGA G GAACCACAGGAGGGAAGAGGGGGAGCAGAGGACGAAGGGAGGGAAAAA AGGAACAGGGGGGGAAAAAGGAGCCGGCCAAAAAAGAAGAAGGGAAACCG ACGAAGGGGGCGAAAAGGAGGAGGGTTAGAGCCAACAACGGAGAAAAAGG G GAA $A$ AA G G G GAAAACCGGGGAAAGGGAAACGAGGGGGGCCAAGGAAAAA G G G A A A G A GAGGGGGGAATGGAAAAGAGAGATAGGGGGGGGGAAGAAAG
 GACAAGGGAGGGGGAGGAGAAAAGAGAGAGAAGAACAGGAAGGGGAAAA G G CA $\operatorname{G}$ GAGGGTTGAAACCAAAGAAGGGGGGGGGGAAAAAGGGGAAAGAA ACCGGGGCCGGAGAAGAACAAAAGAAAAAGGAAAACGAACCGGCCGGCAA
 AA GGGGAAGGAAAAAAAAAGAGGGAAACCCGGGAGACAGAGAGGGGAGAG GGGGGACCAAAAAACCCAGGAAGGAAGGCAGGACAAAGAAACGGCAAGAA
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A G A A CAAGGGGGGGAAGGGGGGGAGGAAGAGGGGAAGGAGGAAAACCAA G GAAAGAAAAAAAAAAAAAGAGGGGGGGAAGGGAGAAGGGGGAAAGAGCC AACCGGGGCAGGAGAAAAAAGGAGAGGGAGGGAAGGACGGAAGGAGAAAA AAGAGGAACACCAGAGGGGGGGAGGGCCGGCCAGAGGGAGAAAAGAGGA A G G G G GAACAGAAGGAAAAGGCAGAAGAACCAAAAAGAAGAAGCAGACCG AAAAAAAGGGGCCGGCAAAAAGAAAAAGAAGAACCGGGGCCGGGGGGGCA ACGGGCCGAAGGGGAGGAAGGAAGGAGGGGGAAGACCCCGGAAAAAAAG G G G G G G G GAA $\operatorname{l}$ GGGGGAAAGGGGAGAGGCCGGGAGAAGAGAAAAAGAAG GAAAGAGGGAAAAGGAAGGAAGGGGCCGGGGAACCGAAAAAAGAAGGCAA GAAAAAAGGCCAAAGGAAGCCCAACAAAAGAGGAAGGCCCCGGAAGAAGA AGGCAAAAAAGAAAAGGAAAAAAGGAAACACAGAGGAAAAAAGAAGGGGA AAAAGACAAGGGGAAGAGAGGGGGAAAAAGGGGGAAAAAGAGGTTGGAAG GGAAAGGAGGGAGAGGGAAGGAAGGAAGGAGGGAGGGGAGGAAGAGGAA GGGGAGAAGGAAAAACAAACGGACGGCCGAGAAAAACCCCAACCAAAAAG AGAAAAAAAGGGAAAAGGCCAAAGGACACCAGAGGGGGAAGGGGGCGGAG CCGGACGAGGAGGGGGGGGAAGAGGGAAAAAAAACCGGGGAGGAGAAGG GCCAGAAAAGGGGAAGGGGGGGAGAAAAAAGGGAAAATTAGAAGAGGAAA AAAAAAAGGAGAAGAAAGAAGAGAACAAAGAGGGAAAGGGGAGAGAGAAG GAAAGAAGGAAAGCAAGGAGAGGAAAAGAGGAGAAAGAAAAGGGAGAACA ACCGGAAAAAGGGGGGGGGAAGGCAAACCGACCAACCGGCCAGGAGGAAA CAGAAGGAAAGAAGGAACCAACCCCGGAGAAGAACGGGGGAAGAAAGGGG AGGAGAGAAAAAAGGAAGGAAGGGCCAAAAAAGAAGGAGCACCGAAAGGG GAAAGGGAACCGGAACCAGAAAAGGAAAGGGGGAAAAAACCCCACAAGGA AAAGGAAAGCCAAGGAGAAGGGAAAAAAGAAGGCAGGGGGGAAAGAGGGG AACGAGAGGAAGGGGGGGGCCAAGGCCAAGGAAAAAGCAGGGGAGAAAAG G G G G G AAACGGGAAAAAAAAGGGGAAAAAAGAGAAGAAAGGCCAAGGAAA A G G G G G GAGGGGGGAGGGAAAAAGAGAGAGGGGGGAACCGGAGGGGGGA GACCGGGGAAGGAAAAGGAACCGGAAAGAGTAAGAGGGCCAAGAAACCCC G GAGGGGGGAAAGGGAAAGGGGGAAGGGGGAAAAAAGGAGAAGGAGAGG AAGCAGAAAAAAAAGAGGAAAGGGAGAGGAAGACCAGGAGACCGGGGAAG GAAAAGGGGGGGGAGGGCAAAGAAGAACCGGGGGAGGAACCGGGGAGCC CACCGGAAGAAGCAAGCCGGAGGGAGGGAAGGAGGGGGAAGGAAGGACG GAGGAGAGGGGAAAAAAGGGGGGGAGGGAAAAAAAAGCCGGAAAAAAAAG GAGAACCGGAAAGAATTGGCCGGAGAGAGGGGAGGAAACCAGAGAAAAGG GAGAAAAGGAGGGGGCCGGAACCGGGACAGAGGACAACCAAAAAAAAAAG GAGGAGGAGAAAAGGGAAGGAGGACAAGGGAGGAAGGGAAGGAAAGGGG GGAAGAGGCCAAGAGAAAGAGGAAAAGGCCAAAGGGAAAAAAAAGGAAAA G G G ACAAGAGAGGACAGAGGCCGGGGAAGGCCAAAGAAAAGAGAAGCCGA AGAAAAAGAAAAAAGGGGGAGAAAAAGGGAGGATGGAGCCCCAGGGAAGA AAAAAAAAAGGGGAAGGAGGAGGAAAAAGAAAAGCCGGAAGGAGAAGGGA AAAGAAGAAAGGCCAAGGAGGGGGAAGGAAAGGGGACCCCCCCCGGGACA AAAAGGAAAAAACGGGGGATAGCCGACCGGCCAAAAAGGGGGAAGGGGGG AAAAGGAAAAGGGAAGAGAAGGGGGGAAAACAAGGGGGGGAAAAGAAAGG GGAGGGGGTTAAACGAAAAAGGCCAAAGAAGGGGAAAAGGGGGGACGGCC AAAGACAGAGGGGGGGGGGGAAAAAAGGAAAACATAAGAAGAGGAGGAGG AAAAGGGAAAGGAAGGCCGGCCGAAGAAGAGGGGGAAAAGACGAAGGGG GGAAAAAAAGGCCGGGGAAAGAGGACCAGAGAAAAAAACAGATAGAAGGG GAAGCCAGGGGCCCCAACCGGGGGGCGAGAAGAAGAAAGAGAACCAAGAA AGATTCCGGGAGGAACAGAAGAGAGAGGGAACAAAAGACAGGGAAAAAAG GAAAAAACCAAAAGAACAGGGGGAAAACAAAAAAAAAACGGAGGGGAAAA AGGGGGGGGGAGAGGAGGACAGAAACAGGAGGGAAAAAAGAGAGAGAAG GAAAGGGGGACAAAAGAAAAGAACCAGGGGAACGGGGAGGGGAAGGGGA AGAAGAGAAAGGGGGGGGGGGAAAAGAGGAAGAAGAACCAAAAGGTTGGA AAAGGAAAACCCCAGGAAAGGCCAGAAAAAAGGCCCCAGGGCCCCGGCCA C G G G GAA $\operatorname{l}$ GGAGAAAGGGGGGGAGGGGGGGGGGTTAAGGGGAAGGAAGG
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GAAGGGAGGAAGGGGAGGGGAAGGGGGGGAAAAAGGAGGGGAAGGAGGG A G G G G G G GCAGGGAGAGGAGAAAAGGAACCGGGGGAAAGACCAAAGAAG GCCAA $\operatorname{ClG} \operatorname{GGG} \operatorname{GCCGGGGGGGAGGAGGAAAGCGAAAGGGAAAAGGGCCGG}$ GGGAAGTAACGGGGGGAGAAAGAGGAGGAAGGCCGGGGGAGGGAAAGGA ACCACGGAGAAGGAGAGCAAGGGGGGAGGGGAGCACCGGAACCAGGGCC G GCCAGACAAGACCGGAGGGAAAAGGCCGAGGAGGGGGGAAAAGAAAAAG AAGGCAGGCCAGGAGGCCGGAAGAAAGGCAAAGACAGAGGGGAGGAGGAA G GAA G GAAAAGGGAGGGGGAAAAAAGAAAGGGCCAAGAACAGGGGGAAG GAACCAAAGGGAGGGGAAGAGAAGGGGAGACGGAGGAAGGGAGGGGGGG CCGGGGGGAAGGGACAAAAAAAGGCGAGAGGGAAAAGGCCGGGAAAAGG GCCAACCGGAGGGGGCCAGGAGAAGAGAGGGAAAGAAGGGGGGAGGGAG AGGAGAAAGGACGAAGGAAGGGACAAGAGATAAAGGAGGGAAGGAGAGG G G G G G AAAAAAGGGGAAAAAGGAAACCGGGGAAGGGAAAAAGGAGAAGGA AGGGAAGGAGGAAGGACAAAAAGGGGACCGGAAGGGCCAGAGGAGACGG ACAGGGAGAACAGGCCAAAAGAGGAAACAGGGGGAGAAGACAGACCGGGA GAGGGACCAAAAGGAAAAGGAGAAAACCGAAAGGGGAACAAAAAAAGGAA GAGGGGGGGAAGGGAAGGAAAAAAGGAGAAGAAAGACCAGAGGAAAACGG GGAGCCATGGAATTCCAAAAAGGGAACGAAGGACAGCCAGAGGAGAGGGG AAAATTGGAAGGAAAAGGGGAGGAAACAAAGGGGGGGGAGGGAAGGCGG AAACCAAGGAGAAGGGGAGGGGGAGAAAAGGGAAACCAAGGGAGAGGGG AGGGGGAACAAAGGAGAGAGAGCCGCAGAAAGGGAAAAGAGGGAGGCCAA GGACCCCACCAAGGCAGGGAAGCCCCAGGAAAGAGAGAGGGGAAGGAGGG GAGGAACCGGCCACAAAGGGAAAAAAGGGAGAAGAGGGGAGGGAAAGGGA ATGGCCGGGAAGAAAGAAAAAAGGAGCCAGAAAGCAAAGGGGTAGGCCCC GACCGGGAGGAAGGAAAACCCCGGAATTAAAAAAGGGGGAAGCCGGAAGG GGAAAACCGGAAAACCGGAAGGCCAAGGAGAAGGAAGAAAACGGAACCCA GAAAAAGACCGGAAAAAAAAAAGGAGAGCAAAGGGGAAACGAAAAAAAAA GGAAAAGGCAAAAAAGAAAAGGGGGGAGAAACGGAAAAAAAGAGAAAACC AAAAAACCCCTAGAGGAGGGCAAAGGAAAAGGGGAGAAGAGGAAGGAGAG GGAAGAAAGGGAAGAAAAAAGGAAGGGGGGGGAGGGCCAGGGGAAGAAA GAAGAAAAAACGGAGGAGGGAAGAAACAAGGGGGGGAAAAAAAGGGGAGG GAAAAAAGGAAAAGAGGGGAACCGGAGAGCAAAAAGAGGGAGGGACAAAA G G G G G G G A G G G G G A AAA G G G G GAACGAGAAGGAGGCGGAAAAGAACCAA CCGAAAAAGGGGAAAGGGAGGAGAAACCGGGGAAGGGGAAGGAAGGAAAA AAAAGGGGGGGAGAAAACAGGGGGGGGGGGACGGAAGGAAAGAAGGTTA ACCAGGGACGAAGCCGGGGAAGAAAAAAAGGGAGGGGGGAAAAAGGGGG GACCGGCCAAGGAAGGGGAAAAAAGGAAGAAAGGGGCCAAAAGGGGGGGA GAAAAGGGAAGGGGGGACGAAAAAAGAAAAGGAGGGAAAGAAGGGAGGG GGGGGAAGAAAAAGGAAGGGGGGAAAAAAGGAAAACCCCAAAACCGGAAG GCCCCGGAAAAAACCAAGGAAGAGAGGGGAGCCAAAAGGGGAGAAGGCCA AGACAGACCGGAACAAGCCGGGGGGAAAAAAGGGGAAGGCCAGAAGGGGA AA GAAGAGGAAAAGGAGGGAGAAGGAAGGGGAAAGAAAGGAGGGGAGAA GGAAAAGGGGAAAGAAAAAGATGAAAAGGGCCGGGGGGGAAAGGGAAGCA GGGGGAAACCGGGAAAGGAAAACAGGGAAAAAGGTTGGGGGGGGAGCCA GAACAAAAGACGGCCCAAAAAGAGGAGGAGAAGGGAGAAAAAAAAAGGGA AGAGAGGGGGGAGCCGGAAAAGGAAGGGGGGAAAAGGGGAAGGAAGGGG G G G G G GAAAAGGCCCCGGAAGGAAGGGGCAAAGGAAGGAAAAGGAGAACA AAAAGAAGAGAAGAAACAAGAAGGGGAAAGAAAAAAGGAACCAAGGGGAA AACACCGGGGGGAGAAAAGGAAGGGGACAAGGAGAGAGGAAAGAAAAGAA GAGGAAAAAAGGCCGGGAGAAAGAAGCGACAAAGGGAAAGGGGGGAAGAG CAACGGGGAAGGACGAACAGACAGAGAAAAGGAACCAAGGGGGGGGTTAA C GAAA GCAGAGAACGAAGAGAGGGGAGAAGAGAAAAAGGGGAGGGGAGAA GAAAACAAAAGGCAGGAAGGGGAGGGCAGAGAAAAACAAGCAGACCGGGG G G CCCCGGAGAGGGACAGAGGGAGGAAGGGAAAAGGAAAAACAGCCGGGA ACGGAGAGAAAAGGGGCAAAGGGAGGGGGGGATTGAAAAAGGCCGAAGG G GCGGGGGGCCGGCCGGGAGAAGAACCAGAAAAAGAGAGGAAAGGGGAG AGAACCAGAAGAAGGGAGGGGAGGAAGAAAGAAAGGAAGCAAAGAAAAAA G GAGGGGGAAAAGGAGGAGAAGGGCCGGGAATAAGAAAAAGAAGAACCGG CCGGGACAAAAAAGAAGGCAAAGGGAAAAGACAAGGGAGGGGAAGCGGGG AAACGGAGCCAAAAAGGAGCCCAAAGCAGGCCCCGGAGGGGGAAAGACAA AGAAGAAGCACAGGAAGGAGGGGGGAAAGGCCGGGGGGAACAAAACAGGA

AAGGGAGAAGCCGGAGAGGCAAAGACGGGAAAGGAGGAAAGGACGGGAG AACAAAGGGGGGGGGGAGCCCAGAACCACGAACGGGGAAAAGGGGGGAA G G G GAAA $\ln A \operatorname{G} \operatorname{GAGACAGAGGAGGGGAAGCCAAGAGAGGGGAAAAGGGGC}$ A G G CAAAGGAAAAGGCCGAAAGAGCGGGAAAAAGGAAAAGGAGCCGGAGA G GCGGGGAAGAGGGGGATTAGAAGGGGAGAGCAAAGGGGGAGGAAGGGG AACCAGGGGGGGGGAACACCCAGGGAAAGGGGAAAAGGGGGGAAGGGAC AGAAGAAGGAAGGAGGGAAAGTTAAGGACGGAAAGAGGGGAAAAAGGCAG GAGCCGAGAGAGGAAAAGGGAGAAAAAAAGAGGAGGAGAGGAAGGAAGG GAAAAAAAAAACCCGAGGGGGGGAAAACCCGAAGCCGAGGTTAAAAAAAA AAACGGAAGGGACAAACCGGAACAAGGAAGAGAAAGGGAAGGGGACGGGG CCAAAAGAAAGGAAGGACAGGAAGAAAGAAAAAGGGGGAGAGGGCAGGGG GAAAAGAACGGGGAGAAAGGAGGGGAGGGAAGGGAGGGGAGAAGCAGGG AGGAACACCGGACAGAGGAGAGAGAGAAAGAGGCAAGACCAGAGGAAAAA G G A G G G G G G ACAGCAAAACAGAGAGAAGAGGGGCCGGGGGAAGGGGAGG A G G G G G A G ACGGGGAGAAAGGGGGAAGGGGAAAAAAGGAAGGGGAAAGG GAGAACCAAAAAAAAAAAGAGGGCCAACGGGGGGGGGGGGGGGAGAAAAG AGGAAGGCCAAGGGAAGAAGGAAGACAAAAAGGGGAAGACCCCAAAAAAG G G GAACCAACCGGGGAAGGGGGGAAGGGAGGGACAAAGACCGAACGGGA GAAGAGAGGGAGGGAAAAGGAAAAAAAAAAGGGGGGAGGGAAGGAATTGA AAGAACAGAGGGAAGGAAGGGGAACCAAGGAAGGAAGGGGAAAGCCGGAC GAAGACGAAAGGGAGGAAGAGGGGGGCAAAGACAGGGGGAGGGGCCAAG GAAGGAAGGGGAAGGAGACAGGGACGGAAAAAGAAGGGGGAACGAGGGG AAAAGGGGGGAAGGAAAA
$22034000-9$ GAAGGGACGGAAGGGGAACCGGAAAAAAGGGGCAAAAGAACC ACACGAAGAGAGCAGGGAAGGAGGCCGAAAGGAACCAAGAGGGGAAGAGG GGCCGGAGGAGGCCGGGGCCGGAGGAGGACAAGGGAGGAGAAGAAGAGG GGGCCGGAAAAGGGGGGAAAAGAAAAAGGAAGGCCGGAGCCGGGGAAAA GAAAGGGAAACACCAAACGGACCAGGGAGAAGAAAAAAAGGGGGACGGCC GGAAAGGGGGGGAAGGGGGGGGGGGAAAGGGGCCGGAAAAGGAAGGGGG AGAGGAACCAAAAAAAAAGAACCGGAGGGCAGGAAAAGAGAAAGAAAGGG GAAAGGGAAAGAAGGAAAAACAGGGGGGGAAAAAAGGGACCGAGAAAAAA AGGGAAGAAAAAACCAGGAAAGGGAGGGAACAGCAAACCGGAAAAGGGGT AGGAAAAGGTTAAAGAAGGGGAAGGAACCGAGGAAAAAACATTCCAGAGC CAGGGCAAAGGCAAGGAAGAAAACAAAAAAAAAGGGGAAAACCGGAAGAG GAAGGAAGGAAGGGGAAAAGGAGAAGGGGGGAAAACCGGAAAAAAACAAC CGGAAGGCAGGAAAAAAGGAAAAGAAGGGAGGGAGGAAAAAGGAACCGAG AGGAGAAGGACAGAAGGAAAAAAAGGGAGGACAGGAAAAGGGGGGAAACA AA GCAGAGAAGGACAGAGAAAAGAGAACCGCCGAGGGAGGGGGGGGGAAA AAAAAGGAAAAAAAACAAGAAAGGGCCAAGGGGGGGGCCGGTTGGGGAAG GAGAAAACCGGGAAACAAAGAGGAACCTAAGCCGAAAGGGGAGCCAAGGA GGGGAAAACGAAGAAGGGACCAGGGGAAGGGCCAGCCAAGGCCGGAACAA A G G G A A A G G A A ACGGAAAACCGGGACAGGCAGGGAAAGGAGGGGAGGGG G GAAGGGAGAGGAGGAGAGCAAGGGAAAGAGGAGACCAGAGGAACCGGA AAACCGGGAGGAAGCGAAAAAGGGGGAGGGGGGCCGGGGAAGGAAGGAA AAAAACAAAGAAAGAAAAGGAAGGAGCAAAACGAGACAAAAAGGAAGGAA GGGGGGAAAACCGGGGAAAGAGCCAAAAAACCAAAGGAAGGAAAAGGGAA CCGGGGAAGACCGGCCGGAGGAGGAAGGGGGAAGGGGGGGAAAAAAAAA CAGCAACCAAGAGGAGAAGGAAGAAAACCCCAACAAAAAGGGAAGGAAGG AACAAAAACAGGGGGAGCAAAAAGGAAGAACGAAGAGGAGGGAAAAGGAG GAGGGGGCAGGGGGGAAAACCAAGGAAAAAAGGGGAGAAAAGGCCAAAGA GAAGGGACAGAAAAGGGGAAAACAGGGGGCCAAAAGAAAAAAAGGGGGAG G G G A A G G G GCAAGAGAGCCATAGCAAAAGAAAACAAAGGGGAAGAAAGGG AGGGGAAAACAGAGGTAGGGGAGGGAAAAGAAAAGACAAAAAGGGAAGAA ACCGGAGAAGACCGGAGGGGACGAGCCAGCCAAGGGGCCAGAGCAAGAAG GCCAGACGGAAGAACCCAGAAGAAAGGAGGAAGGACAGGAAAAAGGGGGC CAGGGAGGGAAAAGGAGGGGAGAGGAAGGGAGAGGAAGAACAAAGAATAA A G GAA G GAGAGAGAAGGAGGGAGCAGGGGAAGGGGGGAGGGGGGAGGAA AAAAGGCAAAAAGGGAAAGGGGAAAAAAGGGGGAGGAGGGGGGGGGCCG GGGGGAAGGGGGACAAAAACCCCGGAAGGGGGGCCGGGGCCGAAAAAAG G G A G G G G G TAGGGGCCGGCCAAAGAAGGAACCCAGGAGAGAGCCGAAGG GGGGGAAAAAAACAGAGAGAGAAGAGGAAAACCAAAGGGACCCGAGAAAA

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 AA $\operatorname{l}$ GAAGGGGAAGGGGAAGGGGGGAAAAGGCCAAAAAAGGGGGGAAAAG GCCGGAAAATTCCAAGGGGAAAAAAAAGGGGGGAAAAAAGGGGAAAAGGG GCCAAAAAAGGGGAAGGAACCAAGGAAAAGGGGAAGGAAGGGGGGGGAAA AAAAAAAGGAAGGAAAAGGGGGGAAGGAAGGAAAAGGGGAATTAAGGGGA AAAAAGGGGAAAAGGAAAAGGCCAAAAGGAAAAAAAAAAGGAACCAAGGA AGGAAGGAAGGGGAAGGAAGGGGGGAAAAAAAAAAGGAAGGGGAAAAGG CCGGGGAAGGAAAAAAAACCAAGGGGAAAAAAAAAAAAAAGGCCAAAAAA G GAAAAGGGGGGAAGGGGGGCCAAGGCCAAAAGGGGGGAAAAGGAAAAG GGGCCGGCCGGGGAAGGCCAACCGGGGGGGGAAAAGGAAAAGGAACCAAC CAAAAGGGGGGGGGGAAGGGGGGGGGGAAGGAAGGAAGGAAAAGGAAAA AAAAGGGGAAGGAAGGAAGGAAGGCCGGAAAAAAGGAAGGAAGGAAAAGG G GAA G G G G G G G GAAGGGGCCAACCAAAAGAAAAAACGAAGGGAACCAGAA GGAAAGGAGAAGGAAAGGCCGACAAGGGCAAAAAGGGGAAGGGGAAAAGG AAAAGGGGGGGGCCGAAAAAGGAAGGACGAGAAACAGGGGGGGGAGCCG
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 AGGGGGGGAAAGGAGGAAAAGGAAGGGAGGGAAGAGAGAAAAGGAAAAG G GAAGACAGAGCCGGAAGGGGAAAGACGGGGAAAAAAAAAAAAAAGGGGA AAACCCCGGGGGGGGGGGGAAGGAAAACCGGGGGGGGAACCCCGGGGGG AA $\operatorname{A} G \mathrm{G}$ GCAGGGGCAAGGGGGGGAAGGCCAAAAGGGGCCAAGGAAAAAAG GAAAGGAGGAGGAGGAGGAAAGGGAAAGGAACCGGGGAAAGAGAAAGCCA AAAAAAGGGAAAGAGGAAAAACAGGAAAAGGGGAAGAAACCGGGGGGAAG AAAAGCAGAAACCGAGGAGAACCGGGGAGGGGAAAGAGAGAAGAACCAGA AGGAAGGACAGAACCCAGGACAGAAGGACGAGAGAGGGGAAGGGGGGAAA AGGGGGAAACCGAGAAGAGGGAAGGGGCAGGGGCAGGCCCAAGGACAGG CCGGAGCCAAAAAAGGGGAAAAGAGAGCAGGAGAGAAGAAAGGGGGGGCC AGGAGGAACAGAAGGAGGAGGAAGAGGAAAAGAGGGGACCGAAGGAGGG GCCGGGGGAGAGGGGGAGGAGGGCAAGGGAAGAGGGGAGAGAAAAGGGG GGAAGGGAAAAAAAAAAAGGAAGGAAAAGGAAAGGGAGCAGGGGAGAAAT GGAAGGGGAAAGACACGGGGAAGATTGACAAATTAGCAGGGGAACCGAGA AAAAAAAAGGAAGGGGAAGGCCGGGGGGAAGGGGGGACGAAAAACCGACC A GCAGGAAGGAAGAGGGGAAAACAAAGGGGAGCACACCCAGGAACCGAAA G GCAGGGGGGCCAACCGGGGAAGGGGAAAAAAAAAAAAGGGAGAGAAAAG GAGGGGGGGGGGCCAACGATGAACGAGGGGGGGGGGAAGGAAGGAACCA AAAGGCCAAAAAAAAAAGGAAGGAAGGCCGGGGGGAAGGAAAAAAGGGGC C G GAA G GAAAAGGAAAACCAAGGGGGGGGGGTTAAGGGGGGAAAAAAAAC CAAAAAAAACCAACCAAGGAAAAGGAACCAAAAGGGGAAAAGGAAGGGGG GGGAGAGAAAAGGAAACGGAAGGAAAACCATACGGAGGGAAAAAAAGAAG GAAGGAGAACCAAGGGGAAGGGGCCGGAACAGGCAAGAGGACCAAAAAAG GAAGAAAGGAAAAGGCCTTGAAAAAAAAAAAGGGGCCGGAAAGAAGGGAG GGAACAACAAGGAGGAACCGGGGGGAAGGAAGGGCGAGGAAAGGGGAGA AAAGGGGAGGCCCAAGGAAAAAGGGGGGAAAGGAAGCCGGAGGGCAAGA GAGAGGGCAAGAAGGAAGGAAAAGGGGAAAAGGAGGGGGAAAGGGGGAA AAAAAGGAGAAGCCGAAGAAGGAAGGGAACGACAAGCAGGGAAAACCAAA AGGGAGAGGGAAGAAAGGAAAGAGAAAAGGGGAACCAGAGAGGGAGAGA G G G G G AAAGGAAGAGACAAGGAGGGACGGAGAAGGAGGGCCAGGAAAAA A GAGGGGAAGCCACGGAAGGAAGGCCAAGGAACCAAACAGAGGAGAAGAA CACCAACCAACCGGGGAGAAGAAAAAAAGGGGAAACAAGAGAAGAGGAAG GGAAAAAAGGAAAAGGACGGAAAAGGGGCCAAGGACGGAAGGGGGGCAG GAGGACCGGAAGGGGAGAAAGCCGAGGAGGAGGGGAAGGAAGGAACCGG AA $\operatorname{A} A C$ CCCAGAGCAGAGGGAAGGGGGGGGGGGGGAAGGAAGGGGGAGGA AAAAAGAGGGGGAGAGAAGGAAGGACAAGCCGGAAAACAGAAGTTAGGAA AAGGGGAAGATCACCAAAAGGCCAAGGAAGGAAAAGGAAGGACAAACAAA AGGAGGGAAAGAGAAAAAGCCGGAGAGGAAAAGGAAGAAAAGGAAAAGGA AA $\operatorname{A} A \mathrm{~A}$ GGCAGGAAGGAGGGGGCCAGACGGAGGGGGGGAAGGGGGGAGGA TTACAAGGGGGGGGGGAAGGAGAGGGAAACAAGGGGAGAGGGAAAAAAA AGGAAAAGGAAAAGGGGAACCACAGGAAAAAGAACGAAGCAGGGAGAAAA ACGGGCCGGGGGAGGACCAAAAAGGAAAAAAAAGGCCAAGGAGAGCCAAA GGGAGGAGAAAAAAGCCGGGGGGAAGGAAAACCAAGGCCAAAGGGGGAAG

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G G G GCCAAGGAAGGAAAACCAAGGCCGGGGAGCAGAAAGAAGAAACCAGA AGAAAAAGGGACGGCCGAAAGGAAAAAAAAGGAAAAGGAAAAGGGGAAAA AACCGGGGAACCAAAAAAAATTAAAAGGCCAAGGGGGGAAGGGGAAAAGG AAAAGGGAGGCCAAGGGGGGAAGGGGAAGGAAGAGGAAAGGGGAAGCAG GAGGAGGAGAGCCAAAGGGCAAAAACCGGCAAGAGGAAAGGAGAAGAGGC AACGGGAAGACGAGACCGAAGGGGGGGGGGGGGCAGACCGGAAAAGGGG GGAAAAAAAAAAAAAACCGGGGGGCACCAAAAAAGGACATGGCACAACAA AAGGTTAATTAAGAGAAAAAAAAAGAGGAAGGAAGGGGGGAAAAAAAGAA A GAACAAAAGGGGAAACCGGGCAAGAGGGGGCACGGGGAGCACAAGAAAA GGGGGGAAAATTGAAGGGACGGCAGGCCGCCCGACAAGGGAAGGAGAGG GAAAAGGGATTACACAAGAAGCCGCGAGGGAGGACGGACAAAGGAGGGAA AGGCAAGGACCGGAAGGGGGAAAGGTAAAGGGGGAGGAAAAGGGAAAAA G G A A G G G GAA G GAAAAGGAAGGAAGGAAAGGGGGGAGGGAAGGGGAGGA AGGCCGGGGCCGGAAGGCCGGGAGGGGCCGGGGTTGGCCGGAGGCGGAA GGACTAACAAAAAAAAGGGGAAAAAGAGAAGAAAAAAAGGGGAATTAAAA AGGGAAGGAAGGCGAGAAGGGAAGGGAGAAAAAGAAGGAAAAAAGAAGAG A GCCAGGGGAGCAGAAGGGGAAAAGGGGGGGGAAAAAAGGAAAAACAAGG G GA G GAAA G G G A G GAAAA GAGGTTGGAAGGAAAACGAGCCAAAAAGGGGG G G G G G G A A G G A A A A A G G G G G G G A A A A G GAGGGGGAAAAAAGGAGGGAAA AAAAAGGGGGAGGGGAAAAAAGGGAAAGAAAGAAACCGAAGACAGGGAGG AGGCAGAGGGAAGAACCAAAGAGGACCGAACAAAAAAAAAGAAATGGTTG AAAGAGAGGGAAAAGGACGCGGAAGAATTAAAAAAAGAAAGGGGGGGGACG G G GAGAAGAAGAAGGGGGGGGAAAAAACCAAGGGGAAGACCCAAGGGGG AGAAAAAAAGGGAGCCAACCAAGGCCAAAACAAAAACCGGGGAAAAGGAA CCAGAAGACAAAGGGCGAAGGAAAGGGGGGGAAGAGAGAGGAAAAAAACC CAGGAAGGAACCGGAAAGAGAACCGGAAAAGGAAAAGCGGAAAAGGACGG AGAGAACGAAGAGGAAGGAGAAGGCAAAGGAAGAAAGGGGCCGAGGGAAA GGCCACACAAAAGAAAAAGGGGCAGAGGGGACCAAGGGACAGGGGGAACC GAACCCCCCCGGAAGGAAGAGGAGAAAACCGGGGGGAAAAAAAAGGCCAA GAGGGGGAATAAAAGGGAGGGAGAAGGAAGAGGGAAAAAACCAAAAAGAG A G G G G G G GAGGGAGGGGGGAGAAAAAGGAAAAAAGGAACAGGGGAAAAG G G GAAAATTGGGGCCGGGGAGACGACCCCAAAACCACAAAAAAAACCAAA A G G GAAAGGGAGGCAAGAAAAGGGGAACAAAAGAAGGGGAAAGGGGAGG AACCAAAGATGGAGGGAAAAAGAAGAGGAGGCGGGGCCGGGGAAAAGAGA G GAAAGGAAAGGAAGGCCAAAAAAAGGAGAAGCCGGAAAAGGAACCCCGG G G G GAAAACCAGCGGGAGAAAAAAAAAAACAAGGGGGGCCGGGGGGGGAA AAGGAAAAAAAAAAAAAAGGAAAGGGGGAGAGAAAAAAAAGACCCCAGGG GGAGGGAAGGAAAGAAGAGAAGAGGGAAGGGGAAGAAACCGAGAAGGGG AA $\operatorname{G} \operatorname{GGGGAGAGAAGGCAAACCAGGGGACCTTGGGACACAAAGGCCAAGGG}$ GAA $\operatorname{l}$ G G GAAGGGGGGGGAAAGAGAAGGTTGAGGGGAGAAAACCGGGAAA GAA $\ln$ A G G $\operatorname{GAGGGAAAAGGGGGGAAAAGGAGGGGAGGGGGGGGAAAGAAA}$ GGACACCAAGGGGGAGGGAAGAGAGAAAAAAGGAACCGGGGACTTGGGG GGGGGGAAGGGGAAAGAGAAGGAAAGAACAAAAGCCAAAAGAGGAAGACG AA $\operatorname{A} G \mathrm{G} G \mathrm{G}$ GAAGGGGAAGGAGGAGGAAGGAAAAGGGGGGAAGGCCGGAAG GGGCCGGGGAAGGGGGGAGGAAGCCAAGGGGCCGAAAAAGAGAAAAAGG AAGGGGAAAATTAAGGAGAAACAAAGGGGGGGGGAAGAGGAGGGAACCAA AAAGAAAAGGAGCCAAGGAAAAAACCAACCAAGAGGAAGGCCTTGGAAAT AACCAAGCAGAGGGAAAAGGAAGGGAGAAGAAAAAAAAGGGGGGGGAAGG AA G GAA G G G G G G G GCAGGAACAAGACAAGGAAGGAAAAAAAAGGAGGGGA G GAAAAAAGGGGGAGGGAAAGGGGAAGACCGGAAAATTAGAAAAGAGGAG G G AAAAGGGGAGCAGGAGGGAGAGGGACAAAGGGAGGGAAGGCAAAAGC CCCAGAAAAAAAAGGGGGGGGGGCCGGGGAAGGGGCCGGCCAAGGAAGG AACCAAAAGGAAGGCCGGAAGGAAAAAAAAAAAAAAGGGGGGGGAAGGGG AA G G G GCCAAGGAAAAAAGGGAAGGGGAGAATGAGAAAAAGGAAGAGAAA A GAA $\operatorname{G} \operatorname{GGGGGAAAGAATTAAGAGGGGGGGAAAAAGAACAAAAAAGGAAGA~}$ AACCACGAACAGAAGAGGAAGGGAAAAGGGAGCAGGACGGCCGAAAAAAA AAA $A$ AGGGGGAGAGACGAAGCACCGGAAAAGAAAAACCAAAACCGGGGGG GAGAACGAAAACGGGGGGGGGAAGAGGAAGGGGGAAAAAAAAGAGAGGG AGACCAAGGGGGAACGGAGGGATCCGAAAGACGCCCAAGAAAAAAGGAAC CGAAAGGAAAAAGAAAGGAAAAAGAAAAAGGGGGAAGACAAAAGAAAAAA AGGGGGAGAGGGGAAAAAAGGAAGGAAGGCAAGGGAAGAAAAAAAAAAAA

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 G GAGGGGAACCGAAGGGGGGAAAAAAAAAGGAAAGAGAAAAAGGAGGAAG AGGAAAAGGAAAGAGAGAAAAGGAGAACCAAGAAAAAGAAAGGGGACGAC AGAGAGGAAAAAGAGAGAGGAAAGGAAAAAAGGAAGGAAGGAAAAAAGGG G G G G G AA $\ln A A A A G G G A G G G A A A A G A C A A A A C G A G G G A A G A G C A A G G G A A A$ GAGAAAAAGGGGACCGGGACCGGGGAAAGGGCAGGGGAAGGGGAAGAGA CCAAAAGAAAGGGGGGAGAGCAAGGAGAAGGGAAAAAGAAGGGGAGAGG GAACAAGAAAGAGGAGGACGGAGGAGAAGGAGAGAAGGAGGACGAGGAA GGAGGAAGGAAGAGCCGGAAGGGGAAAAAAAAAAAGAGAACCGAGGGGAC AGGAACAGACAGACAAAAAGCAGAAAGAAAAGAGGAACGAAGAGCAGAAA CCAGGGACAGGAAAAAAGACAGAAGGAGCCAGGGAAACAGGGGGGGGGAA CCGGGGGGAACCACCGGGAGAAACGGGGAAAAAAAAAAGGACGGGGCAGG AAAGAGGGAAAGGAGGAAAGAAAGGGAAAGAGAGGGAAAGCCCCAGAAGG AACCAAGGAAGGAAAAGGGGGGCAAAAAGGGGAAGAAAAACCAAAAAAAA AA G G G GTTAGCGAAGGAAAAAAGGGGAAAGCAGGCCCCCACAGGGGAGGA CAAAGGAAGGGGCCGGGGCCGGGGCCAAAGAGAGGAAGGGGGAAAGGGA GAAACGGAGAGAGGAAGGGAAAGGAAAGGGGGGGGGGAGGAAAAAAAAA AAAAGGGAAAGGGGAAGGAAGGCCGGAAAAGGCCGGGGAAAGGGGGAAA ACCGGGGGAGAGAGAGAGAGGAAGGAAAATTGGGGAAGGAAGGGGGGAA AGGGGAAAAAGGAAAACCGAAGAGGGAAAGGAACAACCAAAGGGAGGGGG AAAAGGCCAAGGGGAAGGAAAAGGGGGGGGAAAAGGAAAACGAGAGAGAC AGCCGAGAGGGACAACAGGAACACGGGGACCAAGGGAGGGAAAGATAGAA GGAGAGGAGAAGGAGAGGGGGGAGGGGGAAGGGGAAAAGGCCGGAAGGA AAAGGAAAGAGGGAGGAGAGGGGGGAAGGAAAAGGGGAAGGGAAGAAGA GAAGGGGACCACACGAACAGAGAAAAAGAGCCCATTAGAGGAGGGAAGCA AAAAGGGGAGGACCAGGAGGGGAAGGGGGGGGGGGGGGCCAAAAGGCCA AGGAAAAGGAAAAAAGGAAACAAGGAAGAGGAAAAGGAAAAAAAAGGAAA AAAAACCCCCCCCAACCAAAAAGGGGGAAAAGGCAGGGGGGGGAGCCGGA AAAGGAAAAAGGAGGCCAAGGGGGACCCCGGAGAGCAGAAGAGAGTTGGG ACAGGGAAAGGGGCCCCAGGGAAGGAAAAAACAGGCCAAAGAGAAAGGGG GGGGGCCCCGGCCAGAAGGAAAAAAAGGAAGGAAAAGACAGGGAAAGGAA GAAAAGGAAAAAAGGGGGGCAGGAAAGAAAAACGAAAAAAACCGGAGGGG GGGAGTAAGACAGAAGGAAGGGGGGAAAAGGCAAGGGAGAAAAGGAGGG AAAAGAAGGACCAAGGGGAGGAAAGGGAGGCAGGGACAGAAAGGAAGGCC CCGAGGAAAAAGGGCCGGAGAAGAAAAAGGGGAAAGAAAAACAAAGGGGG A G G G A A A A G GAA G G G G GAGAGGAGAAAAGGGGGGGGGGCCAAAAGGGGA A G G G GAA $\ln$ GCAGGGGGAGGAGAGAGCCACGAGAAAAAAGAGGGGGGGAA AAAAGGAAGAGGTAAAAAAGAGGGCCAGGGGGAGGGGACCCCGGAAGGAG GAAAGGAAGGGGGGGAGGAGGGAGAAGGAAGGAGAGGACAGGAGCCAAA AGGCCACAACCAAACAAGGGAAGAAAAGAGAAAAGCGAGCAAAGAAAGGA AAAGGGGAAAAACCCGGCCGGAAAACACAAAGGCCGGAAAAAAAAAAAAA AGGAGAACCGAGGAGAGGGAACAGGAAAACCAAGGAGGAACAGGGGAAGA AAGGGAACAGGGGAAACAAAATTAAGGGGAACAAAGGAGCCAGGGAAGGG AGGCCGGGGAAGGAGAAAGAAAAAAAAGGAAGGCCCAAGGGCCGAGGAGA

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 A G AC G G G GAAGGGAAAAAGGGGGGGGAAAGGGAGACGGAGGAGGAAAAG GAAGGAAAAACGGGAGAAGAGAAAAGGCAGAGAGAACAAAGAAGGGGGAC C G G G GCAGGGGGGAAGAAGGAAAGGAAAAGGAGGGGGGAAATTGAAGGA AAAATTGGGGAGGGGGGGGAAAAAAGAAGGTTCCGGAAAAGGAACCGGCA ACGGGGGGCAGAAGGGGACCAACAGGGAAGAAAGGAAAAAAAGGCCAGAA GGAAAAAAGGAAAAAACGCAGGAAAAAAAAAGAAAGGAGGGGAAGAAAGA GGATGGAAAGCCAAAGAGAGGGCCAAGAGAAAAAGAATAGGGAAAGAAAG ACGGGGGGGGGAAGGGAAAAAGGGGGGGGGAAAAGGAGAACCGGAGAGA ACCGGGGGGGGAGGGGGAGCAGAGGGGGGAATTCGAAAAGAGACCAAGA GAGGAAAAGAAGCCACGGAGAGGGGAACGAAGGAGGAGAAGGCCAGAAGG G G G A G G G GCCGAGGCCGGCCCCGGGGGGAAAAAGAAGACCGAGGAAGGA G G G GAA GCCGGAAAACAGAGGAGCAAACCAACCTTCCGAAAGAGAAGCCA A G G A ACGAGGAAGGAACAACCGGAGAAAAACCCCAGAGGGAAAACGGGGA AGGGGGGAAGGCCCCAAAAACAGAAAGCCAAAAGAGGAAGGGGGGAGGAA ATACCAAAGTTGAAGAGAAAAAAGAACCCAAAAGAAGGGCCAAAGGGCCC AAAGGAAGGAGGGCACCCAACAGCAAGGGGGGGGGAAGGAAAACCGGGG G G G G G G G GAA G GAAAAGGAAAAAAGGAGGGGAAAAACCAAGGAAAAAAAA CAGGAAAAAGAACCGGAAGGAAGGAACCAAGAAGGAGAAAAAAAAAAAGA GAGAAATTCAAGGAAAAACAAAAGGAGGGGAAAAAAGGAGAAAAGGGGAA AAAGAGGAAACAAACCAGGGAACCCCAAGGAAAAGGAAAACATTGAAGAA AAAAGGGGACCAAAAGAGGGCACCGAAAGAGAGACCAAAACAGGAGAAAA AGGGCACGAAGGAGGGGGGGAACCAAGGAACCAAGAACACAAAGGAAAGG GGAAAAAAGGGGAAAGAAGAGAAAGGAACCAAAAAACCGGGGGGGGGGAA CCGGGGAACCGGGGAAAAGGGAGAAGAAAACCAAACAAGGGGGGAGGGCC AGAGGGAGGCGGAGAAAAGAAGGAGAAGAACCGGAATTCCGGACGAGGAG A G GAGGCCGGGGAAGAGGAACCAGGAGGAGAAAAGGGGGGGGAAGAGAG A GAGGACCCAAAGGGAAAAGGGGGGAACCAAAAGATTAGAAGAAAACGGC CCCAAGGGAAAGAAAAAAAGGAAAAGACACCGGGGAAAAAAAAAGAAAAG AAA $\operatorname{l}$ GGGGGCCAGAGGGAAAGAGGGAAGGGGAAAAACAAAGAGGGAAAAG AAC G GCA G GAGGGCCGGAGAAGGGGGGGGGGGGGGAAAAAAGGAGACAA G G A G A A G A G G G A G A A CAAA G G G GAAAGGGAGGGGAAGGAAGGGAGAGAA AGAGGAAGGACACAAAAAAGGGGGGCAACGGGGCCGGGAGAAAAAAAGAA AACAAACGAGGCAGGGGAAGAGGGAGGGGGGCCGGACAACAGGAAGAAAA AA GAAAAAAAACCAGGGAAAGAAGAAGGCGGGGGAGGCAAAGAAAAAGGG G GAAAAGACGGAAGGGGGGAACCGGCCGGGGAAAGAAAGAAAAGGAAGGA AAAAGCCGGGGGGCCAAGGAAAGCCAAGGAGGCAGGGAGAGGGAAAAGGA AGAAGAGACAAGAAGGACCGGGGAAAAGGAAGGGGAAGGGCAGGGAAGG AACCACAAAAAAAAGGGGACGGGAAGCAGGAGAAGGGCGGGGGGAAGAGA GGGGGGAGGGGGAAGGAAAAAGAAAAAGCCCCGGGACAAGGACCAAAAAA AAAAGGACAGATGAAAGGAAGGACAAAACCGGGAGGAACCAGGGCCGGAA AAAAAGACAGGGAAAAAGAAAAAGGGCCGGGAAGAGAGAACAGGGGGACG GAAGACAGGAGGAAAAGGAGAAAACCAAGGGGAAAAGGAAAAAAGGAAAG GACAGGAAGGGGAAAAGGGGAAAGAAGAAAGGGGGAAAAAGGGGGAGAA G GAGGGGAAAAGGAAAAAAGGGAAGAAGGCCCCAAAGAAGGACGAAAAAA ACGGCAAGAGAGAAAGAAGCCGAGGCCGGAAGAGAGGCCAAAGCACCGGG G G GCAGGAAGGGGGGGAAGCCACGAGGGGGGGGAAGGAGGGAAGGAAAG CCGAAAAAAAGAGAGGAAGGAGAAGGAAGGCCAAAAGGAGAAAAGGGGAA GGAAAACAGGAGGGAACCAAGAGGCAGGGAGAGAAACACAGGAGAGCCCC CCGGAAGAAGGAAGAGAAAAAGAGGGGGGAAGGGAAAGGGGGGAAGAAC AGAAGGAGGGGGGAGAAACGAGCAGAAGAAACCGGAAAAAAGGAGGGACG GAAGGAAAAAAGGGAAGAGGGGGAACCAGAAAGGGGGCCAACCGGGACCA AGAGGGGAAGGGGAGAAAAACCCCACAGAGGCCGGGGAGAAAAAACCAAG G GAGGAAGAGGAGAACCGAAGAGAGGAAGAAAGACAACCCCAGAGGGGGG GGGAAGGAAGGAAAAGGCCGGGGGGGGAACCGGGGAAGAGAAAGAGAGA GAGGGGAAAAGAGAGGGACAAACCGGCCCCGGGGAAAGAGGGAAAAGGCC

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GAAAGGAAGGCCAAGGGACCGGAAGGGAGGGGAGAGGAAACCGGGGAAG G G GAGAAGGGGGGAAGGGAAAAAAAAACAACGAAAGGAGGAAGCAGAAGA AAAAAGAGAGGGGAAAAAGAGGGGAAAGAAAAAGGGGAGTTGAGGAGAGA GGAGGAAAGAAAGAGGAGGAAAAAGAGAAAAGGAAAAGGCCGGGGAAAAG AGGACACGGGAAAAAAAAAGGAAAAAAAAGAGGAAGGAAAAAAGAGGGGG GGGAAAGAAACAAGGAACCGAAGGGGGGGAAGGGGGAGAGGGAAAGGAA G G G GCCTTTTGGGGCCCCAAGGAACCGGGGAAAACCGGGGAACCAAAAGG G G G G G G A A G G G G G G G GCCGGAAAAAAAAAAAAAAAAAAAAGGAACCAAAA G G G G G GAAAAAAAAAAGGGGGGGGAAAAAAGGCCAAGGGGGGAAGGGGA AAACCGGGGCCGGGGAAAAAAGGAAAAGGGGGGAAAAAAAAAGGGGGGGG AAAAGGGGAAAACCCCAAGGGGAAAACCGGCCAAGGGGAAAAAAGGGGAA AA G GAAAGGGGGAAGGAAAAGGAAAAAACCAAGGGGAAGGGGGGGGGGG GGGGGCCGGAAAAGGGGGGAAGGGGGGAAAAAAAAAGGAAGGGGGGGGAA GGAACCAAAAAACCGGAAAAAAGGAACCAAGGGGAAAAGGGGAAGGCCAA AAAACCGGCCGGAAGGGGAAAAAAAAAAAAAAGGGGAAGGGGAAAAGGGG GGGGAAAAAAGGAACCAAAAGGCCGGAAAAGGGGAAGGCCAAGGAAAAAA AA G GAATTCCGGGGAAAAGGAAGGGGAACCGGGGGGCCAACCGGGGGGA A G G G GAAAAAAGGAAGGGGGGAAAACCGGCCGGAAAAGGAAGGAAAAAAA AAAGGGGAAAACCAACCAAGGCCAAAAGGGGGGAAGGCCGGATGAAAGAG A G GACGGGGAGGGGGGGGGGGCCGACAGAGGAAAAGAGGGGGAGAAAAA AAAAGAAAGAGAGGGGACAGGGGGAAGACCAGCAAGGGGGGGGGGGACA AA GTAAAGGCCAAGGAAAGAAGAAACCGGAAAAAACAGGGGGGGGGGAGG GAGGGCCCCGAGGGAGGCCCCGAAGGGAAAAAAAAAAAGAAAGAAGGGGG GAGGAAAAAGGAAAAAGAAAAAGTTGGGGGAAAAGAGAAGGGGAAGAAGA AGGAGACAGCCGGAGAAGGAAGGAAGAGAAAAGGGGAGGGGAACCGGACA AAACCCCCCGGCCCCGGCCAAGGAAGGGAGACCAGGAAGAAAAAGGGGGA AAGAGGGAAGGGGAAACAGGAAAAAGGAAGGCCAAAAAAGGAAAAAGCAA GAGGGGGGGGAAAGGGGAAGAGGGGAGGCCAGGAGGGAAAGGGGAGAAG AAAGGGGAGGAAAACGAGAGGGAAAAGGAAAGAAAAAAAGAACAGAGGGG GGGGCCGGGGGGAGGGAGCCAAGGGGAAAAAACCTTAAGGGGAACCGAG GGAGAAGGGGGAAGGAAAAGGCAGGAGAGCAAGGGAAAAGGAAAAGGAG ATAAGGAAAAGGAAAGAGAGGGCCGGGAAGGAAAGGAAGGAAAAGGGGG GAGGGAACCGGGGAAAAAAGGCCAAAAAAAAGGGGAAAAAAGGAAGGAAG GGAGAGGCCAGGAGGAAGGGAGAGGAAGAGGAGGGGGAAGGAAAGGGAG AGGGGAAAGGAGACGAGGAAGGAAGAGAGGGGAATTCCAAAAGGAAAAAG AACGGGAAGGAAAAAGGGCAAGAAGGGAGGAAGGGGGGAAAAGAGGAAG AAAAAAAGAAGACAGAAGAGGGACAAAAAACGGAGAGAAGGAGCAAAGAA A G G G GAA G G G GAAAACCGAGGAAGGAAAGAGAGAGGGGGCAGGAAAAGA
 AA $\operatorname{A} G \mathrm{G} G \mathrm{G}$ GAAGGAAAAAGGAGGGAAGGACCGGGGGCGGCAAGAGAGGAG AGGAAAAAAGGACAAAAGGAAAGGAAAAGAAGGCACCATGAGGAAGAGAC CGGAGGGGAAAGACCCCAGAGGGCAAGAAGCAGCCAAAAGGAAAAGGGGA G G G G G GAA $\operatorname{A} A \operatorname{GCAAGGAAAAAGGGGAAAAAGGAGAAAGGAAAGAGGGGG~}$ GAGGGAACGCCCACCCAAGACCAAGGCGAAAAGGGGCCGGAAACAAAGAA A G G G G G G GAGAATTGGGGGAGGAAGGAGGGAGGGACACAGGAGGAAACG GAGGGCCGGAAAAAACCGGAGGAACGGAAAAAGAACCAAAAGAACAGAGA TAACCGAAAAGAAGGGGAGAGGACAGGGAAGAAAGGGCCAAGAGAATAAG GAGGGAAAAAGAAAAAGGAAGGAGCGAGAGAGAAGAAGGAGAAAAGGAGC CAAGACCAAGAACAAGGGGGGAAGGGGGAGGGGGAAGAGGAGAAGGAGG GAGACCAAGGAAAGGAAAAAGGCAGAAGAGGGAGGGGAAGGAGAAGGGG GAAGGGGACAACCGGAGAAAGAGAAAAAAAGGGAAGGGGGGGAGGCCAAA AA G G GAAAAGGGAGGAAAAAAAGGGGGAGGGAGAGACGGCCAGAGGGAA G G CAAAGGGAAGGGGACCAGAAGGAAGAAGCCAAAGAACCAGAGAGAAGA AGCAGACAGAGAGAAAGGGGCAGACAAAGGAAAACAAAGGAACCAGGGAC G G G G G G CCAACGGGAAGGGGGGGAGGAGAGAAGAGGGGAGAAAACCCCG GAAAAAAAGGAGGAGGGCAGAGGGGAAGGGGAAAAAGACAAGGAAAAGGA AAAAAGAAGAGGGAGGGGAGAGAAAGGCAGGGGCCGGGGGACCGAGAGA GGAAGGCAAGGAAGACGGCCAAAGGAGGCCAAACAAAAAAAACCGGCCCC G GAA $\operatorname{lng} \operatorname{GGGGGGAAAAGGAAGAGAGGGAAAAAGGAAACCCGGGGGAAAA~}$ AAAAAGGGGAAAAGGCCAAGGGGGAGAAAGGGGAAAACAAGGGGAAAGAA


AA GAAAAAGGGGGGGGAAGGAAGAACAACCGGACGGCCAAGAAAGGGCAC GGAAAAAAGGAGGAAAGGAAGACAAAGGGCGAGGGAAACCGGGGGGAGG AA $\operatorname{l}$ GGCCGGGGCCGGCCGGGGAGGGGGGGGAAGAGGGAAAGGAGACCGG G GAGGGAAAGAACCAGGGGGGGAAAAGGGGAAGAAAAAAAAGGGGAAAAT G GAA $A$ AGGAAGGGGGGAAAGGGAAGGAAAAGGGGAACAAGGAAGGGGAA GAGAGGGGGAAGGGAGGGAGGAAGGCCGGGAAAAGAACAGAGGGGGGGG CAAAGGGAAAACAACCGGAAAAAGAGGGGGAGAAAGAAGACCAACCAACC G GACGGGAGGGAACGGGAAGGAAGAAGGAAACAACCCCAGGGAAGAACAG AGAAGGAAGGGGAAGGGGAGAAGAGGGGCAAGCAAACCCAAATTAGAAGG G G CACCGAAAGGAGGAAAGGGACCGGGAACGGCCGAAGGGAGGGGGGGG GCCACACACAGGGAAGAAGAAAGCCAAGGGGAAGGGAAGAAGGAGAGCAG GGGGGAAGGGGAAGAAAAAGAGGAAGGGGAGAGACAGAACCGGAGAAAA GGCAGGGGGGAAGAGGGGGGAACCGGAAGAAAAAAGGAAAAAAAAGAGG GAAGGAGCCAAGGAAAAGGGGAAAGGGGGAAAGAAGAAAAAAAGAGGGAG GCCCCAGAGGGGGGAAAACAGAAAGAGGGGGAGCACCGAACGGGGTAGG GGAGACGAAAAAAAAAAAAGAGAGGGGAGGGGGAGGAGGAGGAGGGGAA G GAGGAGAAGGAGAGGAAGCAGAAAAAAAAGAGGAGGGGAAAAGGGAAAA CAGAAGGCCGGGGGAAGAAGAAGAGGGGGGGGGAAAAGAAGCACCAGGG GGAAGACCGAAAGGACAAAAGGAAGAAGCAAGCCAAGGAAAAGGGAGGAG GGGGGAGGGAGGACAGAGGAAAGGCCAGAAAGAGGAGGGAAAGAAGAAC CGGCCGGAAAAAAAAGGGGAACCAGGAAGAGATGGCCGGGGGGGGAAAAG GAAACCAAAGAAGGGGGGGAAAAGGGGAAGGCCGGCAACAGGAAAGAGGA CGGACAAGAGACAAAGGAGGAGGGGAAAAGGGAGGAAGGACCAGGGAAG GAAGAAGGAAAAGGGGGGAAGAGGCCAAGAGAAAGGGGGAGAAGCCCAG GGGAAAAAAAAGGAAGAGGGACAAGGGAGGGAAGAAGACGGGGGAGGAC AGAGAAAAAAAAAGACAAAGAAAAAGAACACAGGGGGAGAAAAAGGGGGG AAGGAGACCCGGGGAAAAGAAAAAAAAAGGAAAGGAAGAAGAGAGAAAAA AGCCGGAAGGAGAAGGGGAAAAAAGACAGGCCAAGGGGGGGGAAGGAAG GCGGACCCCCCGCAGAACCAAAAGGAAAAAACGGGGGTTGGCCAACCGGC CAAAAAAGGGGAAGGGGGGAGGAGGAAAAAGGAAGGGGGGGGGGGAAGA CAGGAGAGGGGAGAGAAAGGGGGGGGGGTTAACCGACAAAAGACGAAGAA G G G G G G A A G G G G G GCCGGCCAAAAAAGGGGGGGGGGGGAGGAAAAAGGC AAAAAAAGGGAAAGGGGGAGGAAGAGGAAACGGAAGGACGGACAAAGCAG AA GAAAACCGGCCAAGGGGAAAAGGCCAAGGCCGGGGAAAAAAGGCCGGA GACAAGGCCGGTTGGAAGGGGGGGCCAGGGGCCCCAAACAGGGGGCCAG AA G GAGAAAGGGAAGCAAGGGGAATTCCGGAAGGAAAAAAAGAGGGGGGG AACAAAAGACAGAGCAAAAAGGGAAACACCAAAAAAAAGGGGGGAAAGCA AA GAAAAAACAGAAGGGGAAAAAAGGGGGGGAGAGGGGAACCAAAAAAGG G G G G G GAAAAGAGAGAGAAGAAGAGGAGAAAAAAGGCCAAAACCAAAGAG CAGGAGAAAAAGGAAGAGGAAAAGGGAAGGGGAGAGAGGGAAGAAAGGAA GAAGCCAAAAGGGGATAGCCAAGGGGAACCCCAGGAAAAGCCGGAAAAAA AGCCCCGGAGAACCAGCCAAAGAGCAGGGAAAGAAGAGAGGGGGGGGGG GAAATGAAGAGCAAGCAAGGGAAAGGGCCAAAAGGAGGAGGGAGAGGGG G G G G G G GAA G G G G GAA G G G GAAAAGGAGGGGGGGAAGAGAAGAAGGGGA AAAGGAGGACCAGACAGGAAACACCAAGGAAAAAACCAGAGGGAAAAGGG G G G G G G G G G G GAAAAAAAAAAGGAGAGGAGGGGAAGGAAGGAAAAGGCC GGAAGGGGAAGAGAAGGGGGAAACGGCCGGAGAAGGGGGGCCGGAAAAA TAAGGAAAAGAGGAGAAAAGAGGAAAGAAAGAGAAAAAAGGGGAAGGGGA
 G G GAA G G GAA GCGGAGCACCAGGGAAGGAAAAAACCAAAAAGAAGGAAAC AAAAGGAAGGAAGGGGAAGGCCAAACGGCCAAGGAGGGGGACGGAGGGA A GACAGAAAAAGGAGGGAGGAAGGGAGGGGGAGAAAGGGGGGGGGGGGG GAACAAGGAAGGAGAAAAGGAAGGAACCGGGGGGAAAACCAAAAGGGGCC G GCAACAAGGGGCCAAGGGGAGGGAGGAAGGACCGGAACCAGAGAAGAAA ACGGGGAAGGAAAGCCAAGAGGCCGGAGAAACAAAAGGAAAAGGAAAGCA AA G GAGGGAAAAAAAAAAAAGGGAAGAAAGCAAAAAAAGGCCGAAGGGGG GGGGCCGACCAAGGGACAGAAAAAAAAAGAAGGACCCGAGAGAAGAGGGG GAAAGGGCAGGGGAGGGGAACCCAGGAACCAAGAGGAAATGGCCGGGGG GGAAAAAAGCCAAAGAAGGACCAAAAAAAAGGGGGAAAAAAGGAACCAGG GACAAGGAAGGAAGATTAACCGAGGGGGGAGAAGGGAGGGGCAGGCCGA AGAGAAGGAAAAAAAAAAGACCAAGAAAAAAGAACAGGAGGGGGCAAGAG

GAACAAGGGGGGCCAGGGAAGGGAACGGAGGGAGCCGGGGCCGGAAAGG GGAAAGACCGGGGCAGGAGAAGGCCAAACAAAGAACCGGGGAGACAAAAA AGAGGGAAAGGGAGGAGAGACTTAAAAGAGAAAAGGGGGAAGAGAAAGAG GAAGGGGAACCAAGGAAGGCGGGAAAGGAAAACAAGGGGGGAGAGGGAA AAAAAAAGAAAGGGAAGGGGAAGAGAAGACACAAGGAACCAAGAGAAGAG GGAAAAGAACGAGGGGCAGAGAAGGGGGAGGGAAGGAAGGAAAAAAAAAA AAGGGGACCCAGGGGGAACCAGGGAAGGGGGAAGCCGGAAAAGGAAAAG GGGAAAACCGGGGGGCCAAGGGGAAGGGGAAGGCCAAAAGGGGAAAAGG GGAAAAAACCAAGGGGAAGGGGAAGGAAAAAAGGGGGGAAAAGGGGAAAA GGAAGGAAAAGGAAAAAAAAAAAAGGAAAAAACCGGAAGGGGGGGGGGCC AAAAAAGGAAGGGGAACCAACCGGGGGGAAGGAAGGAGGAGAAGGGAGG AAGGAGAGAAGCAAAGAGGAAGAGGGGGGCCGGAAAAGGGGAAAAAAGG GGAGGGAAGGAGGAGAAAGGAAGGAAGGGGGAAAGGAAGGAAAAAAGGA AAAAAGGAAAAGGAAGGAAGGGGAAGGAAGGAAGGGGGGAAGGGGAAAA AACCGGGGGGCCGGGGGGGGGGAAAAAAGGCCGGGGAAGGCCGGAAAAA AGGGGGGAAGGGGAAAAGAAGAGCCGGAGAAGAGGAGAAGGGAGGGAAA GGGGGAGGAAGAAGCAAAAAAAAAGAGAAGAACAAGGGCCGGAAGGAAAA AAAGAGGGAAGGAAGGAAAGGAAGAAGGGGAAGGAAAAGAGAGGAAAGGA AAGGAAGGAGAAGGAAAAGGCCGGAAGGAAAAAAGGACAAGAAGGGCCAA GAGGAAAAGACCAGGAGGCAGGGGAGGAAACCAAGGAACAGGAAGGAAAG AA G GAAGGAAAAAAGGGAAAGGGGGGGGGGAGGGAGGAAGGAAAGGCCA AGAGAGAGGGAAGCAGGAAAGGGAAACAAGGAAAAGGAGAGAAAAGGGAG GGAAAAACCAAGGGGGGCCGGAAACGGGGCCAACCAAGGGGGAAAAGGGG GAAAAAAAAGGGGGGAAAAAAGGCCAGGGGGAGAAGGGGGGGAAGAAAAA AGAATGAGGAAGGAAGAAGGGGAGAGAGGACGAGGACAAGGGGGGAACC GGAACCAAGAAAGGAAGGGGAGGGAAAAGGGGAAAGACGAACAGAGCCGG ACGAGGACAGAAAAAGGAGGGGAGAGTTAGGGCCAGGGGACCGAAACCGG AAACAGGGGGCAGGAAGAAAAGCAGGAGCCGAGGGGCCAAGGAAGGAACC GGAGGAAGGACCAAAGGGGAGGAACCGAGAAACCAAAAGGCAGGAAGGGA GAGGACGGAAGGGAGAGGAGAAGGAAAGAAGAGAAGAGGAGGAAGGGGG AGGAAAAGGGGAGAAGGCCGGGACACCGGAAAAAAAGAAGAAGAAGGAGA AAAAGGGAAGGAGGGAGAAGGAAGAGGGAAGGGCCGGAAGGGGAAAAAG GGGGGGCCGGAAAGACGAGGCCGGAGGAGGACGAGGCCACGGGGGAGGG GAGAGGGGAGGAACCGGCCAAGAAAGGGAGGAGAGGAGAAACCACCAAAA AGGAGAGAGGGGGAAGGAGGAAGAGAACCCAAAGACCGGAGAAACGGAAG GAAAGGGCCAAAACCGGGGGAGAAAGAAGGGGGCCAAAAGACAAGAAGGG GAAGGAAGAAAAGGGGGAGGAGAGAGAGAGAGGAGCAAAAGAAGGGGAG AACCGGGAAAGGCCAAGGGGAAAAAGAAACGAGGAGACGGAAGGAACCGG AAAGGGGGGGCCAAGGGGAGGGAAAGGGAAGGGGAAGGGGGGAAAAGGG AA $\operatorname{lax} A$ AAAGGGGGGGGGGAGGGGGGAAGAAAGGAGGGGGAACCAAGGAA AAAAGGGGAAGGGGCCGGGGAAAAAAGGGGAAGGGGGGGGAAAAGGGGG GAAGGGGGGAAGGGGAAGGGGCACAGAAAGACCCCAAAAGGAAACAGAAA AAGCCAGAGGAAAGGAAGGAAACAAAAAAGAGACAGGCCGAGAAAGGGAA AGAAAAACCAACCAAAAGAGGGGAAGGGGAGAAGAGAGGAAGGAGGGGGG GCAAAAACCGGAAAAACGAGGGGAGAGGAGGAACCAGGGGGGGCAGAGGA AGAGGAAGGAAAAAAGGGGGAAAGGGAAGAGCCGGGGACGGGAGGGGAG AGAAAGCCGGAAAAAAGGGGGAAAGAGGGGCAAAGAGAAGAAAAAAAAAA GGCCCCAAGGGGAAAAAAGGAAAGGAGAAAAAGGCAAGAAGGAAAAGGAA AAGGAACCAGACGGGGAGTTGGAAGAAGGGAAAAAGAAGGGGAAGGGGG GAACCGGACAGGGAAGGAAAAAAGGGGGGGGAAAAAAGGAAACCAAGGGG ACCCCAAGGCAACAAGACAAGGGGAAGGAAGGGGGGGGGGGGGAGGGAG AGGGGAAGAACAAGAAAAAGAGAGAAGGGGAATTAAGGAAAAGACAAAGC AAAGAAAAGAAGGACCGGAAAAAAGGAACAGAAGGGGGGAAAAAAAAAAA AGCCAAAGCCAAGGACCAAAAAGGAAAAGGAAGGAAGGAAGGGGGGGGAA GGGGAAAAAAAAGGAAAAAAGGGGAAAAGGGGGGGGGGAAGGAAGGCCG GAATTGGAAGGAAAAGGAAAAGGAAAAGAAGAGGAACAAAAAACCGGGGA AGGGGAGAAAAAGCAGGCCGGAGGGAAGGGAAGAGGGGGGGGGAAGGCC AAAAGGAAGGAGAGAGCCGGAAGGGGAAGAGAGGAAGGAAGAGGGGCCG GAAGACAGGCCGGAGGGGGAAAAGAGGAGGGAGAGGGGGAAACGACCAG GACAAGCCGGGGCAAAGGAGCCAAGGGGAAGGGACCAAGAGGGGGGAAAA GGAAAACCAAGGGAAGAAAAGGAAAAAAGAAAAAGAGAAACCCGGGGGAA

CAGGACCCGGGGAAGGAGACAGGAAGAGAAAGGGGAAAAAGGACAGAAAC GGAGAACAAAAAAGGGAGAGAAACGGAGAGAGACCCAAAAAAGAGAGGAA G GCGAAAAGACAAGAGAACAGGAAAACCGGAAAGGGAAAAAGGGAAGGCC G G ACAGGGGGAGGGAAAGAGAGAAGGAAAGGGAAGGCCGGCCGACAGGC A GAGGAACCCAGGAAGAGAGGAAAGGAGGGGGGGAGCAAAACCGGGGAG GGCCAAAAACGGAAAACCAGAAAGGACAGGGGGGAAAAGGAAAAAAGAAA GGCCGGGCACCCGGCAGGAGGGAAGAAAAACAAAAAGAGAAAAAAGAGAC CAAGCCAAGGAAAGGGAGGGGGAAAAGGAAAAAAGAGAGAAGAAAAGGAA GGAAGGGGGGAAGGAAGAGAAAGGAAGGGAAAGGGGAAAAGGCAGGGGA AAAGGGGGAAGAAAACAATGGAGAAGGGGAAGGGGGGCCAAAAGGAAACC CAGAGGAAACAGGGACCACGGGGGGAAGAAAGGGGGAAGGGGAGGAGGG GGACCCCAGAAAGGGGCAGAAACCAGAACCAAAGGAAGGGAAGGAAAGAG GGGGGAAGAGAAAAGGCCGGGGCACACAAAGAAAACGAGGAACCAAAAAG CAGGAAGGCCAGAGAGGGGGGACCAAAGAAAAGAAAGGGGGGAGAGGACC G GAACCAAGGAAAAAAAGAGGGGAAGGGTTAAGGGGGGGAAAAGCCGGCC AGAAGGAAAGAAAGAAGGCCAGAGACAAGGTTGGGAGGAGGAAAAAAAGG G GAAGAAAGGAGAAGGGAAAGGGGCCAGAACCAAAAGAAAGGAAAAGGAA AAAGAGGGGAGACAAAGGAGAAGGGGGGAAGGGGAAAAAAAGAAGGCCG G G G G G A G G A G A G GAA GAGGGGAAGGAAAGAAGGCCGGGGCCGGGGAATA AAAAGGGAGGAGGGGGGAAAGAAAGACAAAAGAAGAGGGGAACCGGGAAA AAAA $A$ GGGGGGGGGAAGGAGGAAGCCCAAAGGGAGAGGGAGGGGAAGGG GAGGGGAGAAAAGAAGGAGAATACCGGTTAGACAAAGGGAAGGGAAAAAC CAAAAAAGGAAGAAGGCAAAAGGAAGGAGAGGAAACAAGGGGGAAGAGGA G G G G G A G GAGGAAGAAGAGGGAGGGGAGGCCGGAAAACCGGAGGAAAAG AGAAGGAGGAGAGGAAACGAACAAAAAGGGGGAAAAGGAAACAAGGAAAA GGGAAAGGTTAAAACCATAAGGAAAGAAAACCCCGGAGAAAGCAAGTTAA AACACCGGAAGGAAAAGGCCGGAAAAACCCCCAACCAGAGAGAAAAGGGG AAAAAAGGGGAGGAGAGAGGAAGGAGAAGGGACAGAGGAGAAGGCCGGG AGGGAGGAAAAGGGGAAAAGGCAAGAAACACGAAGGGCCAGAGCCAAAAC CAACCGGGGGAGGAGAACCGAGGGGGGACAGAGCAGGGAAACCGGGGGA GAGAGGAAGGGGAAAAGGGGGGACAACCGGGGAGCCTTGGAGCACACGCC AAAAGGGAGAGAAGGAGGGGCCGAAAAGAAGGAACCAGAAGGGGAAGGAA G G G G G G G GAACAAGAAAAGGGGAACCCCAAGGCCGGGGGGAAGGGGAGG G G A GAAAAAGGAAGGAAGGTAAAGGGGAAGCCCGAACAAAAAAACGAAGG AGGGACCGAGGGGAGGGACAGAAAAAAGACCGCGACACCGAAGGCGACCA AAGGGAAAGGAAGGAGAGGGGGGCCGGCAGGAGGACAGACAAGGAAGAC GCCAAAGAAAAAAAGGAAACACGAAAAAGGCCCGGGAGGACAGGACCAAG AA G GCAGGAACCAAAAGGAAGGAAGGAAGGGGAAAAGGAAGAGGGGGAAC CCGACGAAAAAGACGGGGAAAAGGAAGGGGAAGGAAGGGGGGGGGGAGA GAAGAAAGGGAGGGAAAAGGAGAGGGGGGAGAAAGGAACGAAAAGCAAG G G GA $\ln$ A $\operatorname{A}$ GGAGAGAAGGAAAGGAGGAGAAGGGAAAGGGAGGGGGGGGG G GAGGCAGGTTGGAGCCGGGGAAAAGAGGGGGAGGAAAAGGAAGGAAAA GGAGCCAAGGGGGAAAAAGGGAGAAAAAGACAAAAAGAAGAGAGGAGGAA AA $\operatorname{A} G \mathrm{G}$ GAAAAGAGGGGCCGAGGACAGAAAGGAAAAAGGGGCCGGGGGGC CCAGGAAGGAAGGGAGGAAAACAAAAAAAAACCGAGGAGGGGGAGAAGGG GGGGGAAGGACAACCGGAGAAGGAGGAAAGAAGAGACCGGGAAGAAGAAA AGGCCAGAGAAAGGGCAAACCAAAGAAGACCGGAACCAAGGAAGAACCAC CGGAAAAGGGAAAGCACACGAAGAAAACAAAGGGGGGAAGGGAACGGGAG GACGGAAAAGGAAGGCCAAGGGGGGAAAGAAGGAAAAAGGAAGGAAGGGA AAAGGGAGGAGGAGGAGAGGGGGAGGGCAGGGAAAAGAGGAAGGGGGAC G G G G G GAA $\operatorname{la}$ ACCAAAGCAAGCAGAGGGGAGACAAAGAGGAGGAGGAAACC
 GCAGAAGGAGGGAAAGGAACCCCGGAAAAGGAAGGCAGGAGAGGAGGGG AACACCGGAACCGGGGACGGCCAGACGAGACCGGGGGGAAGAAGCCGAGG G GAGGAGAAAAGAAACAGAGGGCAGACCAAGAGGCCGGGAGAGAGGCAAA
 GCCAAAACCGGGGGGAAGAAACCAAGGGGGGGGAAGGGGAAGACGGGAC GGAGGAAGGGAGGGGGAGCCGGGGAGCAGGAACAGAAAAAGGCGAGAGG GAAAAAGACAGGGAAAGGCACAGCCGGAGGGGGCCAAAAAAAGAGAGGGG AGGAAAGAGGGGGGGAGAGGAGAAAGGACGAAGAAAAGGACAAGAAAAAG AGGAGAGAAGGGGGGGGGGGGAAAAAAAGGGAAAAAGGAAACAGGGGGA

G G G A A G GAGGAGGAAGAAAGGAAGGAGGAAGACCAGAAAGGGGACCGGA A G G GCCAGAGGGGACGGACGGGGAGAAAAGGCCAGGAGAGGAAACAGGG A G G GAAAAAAGACCGGGAGAGGAACAAAGAGGGAGAAGAAAAAACCGAAA G G G GAAAAAAGAACGAAAAAGAGGGGGAAGAAAGGGAAAAGGGGGGAAAA AAAAAAGGAGGAAAACAAGGGGACATAGAATTCCGAAAAGAGGAGGCAAG ACAGAAGGAGGAGAGGGAAAGGATAGGAGGAAGAGGGGAGAAAAAAGGG
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AGAGGAAAAAACAGAGGGAGGAAAAGGGGAGACAGCAAACCAGAGAGAAG A G G G GCCAGGGGAAGAGAAGGAGAGGGGGCCAGGGAGGAGGAACGCCAA AAAAAAAAGGGAGGGGGGGGAAGGAAAAAAGAGGAAGAGGGGGGCCAAC GAGAGGGGGGGAGGGGGCCAAAAAGGAGGCCAAGGGAAGGAAGAAAAAA AAAAGGGGAAGACCACAAGAAAAGAGAACCGAACAGGGAAAGAAGAAAGG AAGGGAAAAAGAACGAACGGGAAAAAAGAGGGAAGGAAAAGGGAAAAGCA AGAGGGGGGGAGCAAGAATTAAGAAAACAGAGGGAAGGAAGAGGGGACGA AA $\operatorname{l}$ GAAGGGGGGAGGGCCGGACGAGGAAGAAAAGAAGGGAAAGGGGGGC AGAGACAAGGAAAAGAGACGAAGAAGGAAGGAGGAGGGGACGGGGAAAAG AAAGGGGGGAGGAACGAGGAGGGCCGGAGAGAAGAAAGG
$22035000-9$ G GAGGGCCGGAGGGGGAAGGAGGAAAGAAGAGAAAAGGAACC CCCCAAGGAGAGCAGGGAAGGAAGCCGAAAGGAACCGAGAAGGGGAGGGG GACCAGAGGAGGCCGGAGCCGGAGAAAGACAAGGAAGGGGAAGAAGAGAG AGACGGGGAAAGGAAGAAAAAAGAAAGGAAAGACGGGGCCGGAGGGGGAA AAGGGAAAAAAAGACCGGACCAGGGAAAGGAAAAGGAAAGAGACGGCCAA AA $\operatorname{A}$ GAGGAGGGGAGGGGGGGGGAAGAAGGGCCGAATAGAAGGAAAGGAG GGGAACCGGGACAAAAGAACCAGAGGGAAGGAAAGAAAAGAAAGAAAAGG AAGAGGAGGGAGGCAAACCAGGGGGAGAGAAAAAAAACCAAAAGAGAAAA GAAGGAGCCAACCAAGAGAGGGAGGAACCGGAACCCCGGAGAAGGAGAAG GAAAAAGTTGAAGAAGGGGAAGGAACCAAGGAAAAAACATTCCAAAGACG GGGAAAAAGCAAGGAGGAAAACAAAAAGGAAAGAAAAGGACAGCAAAGGA A G G A A G G GAA G G GCAAAAGAGACAGAGGGAACACCGGAAAAGAACGAACA GCCGGCAGGGAAAAAGGAAAAAAAGGGGGGGAGGAGAGGGAAACCGAGA G G A G GAA GCCAGGAAGAAAAGAAGGGAGGACAAGAAGAGGAAAAGAACCA GGAAAAGGAAGACAAAGAAGGGAGCAACCCGGAGGGGGGGAAGGAGGGC CAGAAAAAAAAGAGACCAGAAGGGGCCAAGGGAAGGGCCGGTTGGGGAAA GGGAAAACCGAGAAAAAAAGAAGGAAATAAGCCAAAAGGGGGGGCGAAAG GGAAAACCCAAGGAAGGAACCGGGGAAGGGGCCAGACAAGGCCGGAACAA AGGAAAAGGAAACGGAGAACAGAAACAGGCAGGGAAAGGGGCGAAGAGGG GAAGGGAAAGGGGAAGACCAAGGAAAAAAGGAGCCCAAAGGAACCGAAAA ACCGGGAGGAAGCGAAAAAAGAGAAGGGGGGCCAGGGAAGGAAGGAAAAA AACAAGGTAAAATCAAAAGGGGGAAAACCAAAAAAAACCGAGAGGAAAGG AGGAAGGCCGGGAAAAGAGACGGAAGAACGAGGGAAGAAAAGGAAGGAAG AAAGGAAAAGGAAGGGGAAGGAAGGGGAAAAGGGGGGAAAAAAAACCAAA AAAAAGGGGGGGGAAGGGGAAGACCGCCACAAACAAAGGAGAAAGGACCA AAACCGGGGAGGGCCGGTAGGTAGGCCAAGGAGAAGGGAAAAGAAAAGGA A G GAA G G G GAAAAGGCCAAAAGAGGGAGGAGAGAAAAGGCCAAAGAGAAA AGAAAAAGAGGGGGAAACCAGAAGGCCGGGGAAAAAAAAAGAAAAAAAAT TAGGGCAAGAGAGCATTGGAAAAAGAAAAAAAAGGGGAAGAAAAAAAGGG GAAGGAAGAGGAAGGAGGGGAAAAAAAGAGGCCGAAGAGAGCAGAAACCA GAGAAGAACAGGGAGAAGGAGACGGCCAAGGGGCCGGGGAAGGAAGGCC AGACAAAAGAACCCAGCAGAGAAGAGGAAAGACAAGAAAAAAGGGACCAG A GAGGGTTAAGGGGGGAAAAGGGAGGGAAAAGGAAAACAAAAGAAAAAGG GAAGAGGGGGAAGGGGAGGGAAGGGGAAGGGGGGAGGGGGAAGGAAGAG AGGCAAAAAGGAAACGGGCAAGAGAAGAGGAGGAGGGGGGGGACCGGGG G GAAGGGAGAAAGAAACCACGGAAGGAGAGCCGGGGCCGAAAAAAGAGAG GGGGTAGGGGCAGGCCCAAGAAGGAACCAAGGGGAAGGCCGGAAGGGGG GAAAAAAACAGAGGGAGGAGAAGGAAACCAAGGGGCCCCGAAAAAGAAAG AA GATAAAAAGAGACAGGGAAACGAAAGAGGCCAAAAAAGGGGGGGGGGA
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AA A GGGGGGAGAGCAAGGAGACGGAGGGAGGAAACAGAACAGAGGAACA GAGGGAGGGGGGGAAAAAAGGAAAAGGAGGGTTGGATGGAGAAAAAAAAA ACCAGGAAGAGGAGAAAAAAAAAGGGGGGAAACGAAGGACAGAAGGGGGA GCAAGGAAGAAAGGGCCAAAGAGGGGGCCAGGGGGAAGGAAAAAGGATTA AAAAGCAAAAGAGAGGGAGGGAAAAAGAAAAGGGGAAGGCCGAACGAGAA AAAAAGGACGGCGAAAAGGGACAGGAATTGGGGGGAAAGCCGGCAGGGG GGGGAAAGAAGGACAAGGAAGAGGAGGGAAGGAAGGAGGGAGAACCGAA G G A G G G G G G ACAACAGGAAAGAGAAAAAAACAAAAGGGGAAAGCCAGGGA A G G G G GAGAGGGGAAAAAAAAAACCGAGAAGGGAAGGGGAACCGGGGAG GAAAAAAAGGGGGACCGGGGCAAAGGGGCCCCAGGGGGAAGAAGAAGAG GGAGGTAGGGGCCGAAAAAGGGGGAAAGGAAAAAGGGAGGAGGAAGGCC AGAGAGAAAGCCAACCCAGGGGAATTGGGGAAGGGGCCAAAAGAGAAGAA G GAAAGAGGGGGGGGGAAAAGGAAAGAAGGCAGGGAGGAAAACAGAGGG AGGAGATAGGGAGAGGAGGAAAAAAGGGGAAAAAAACGGGGGAAGGAAAG GGGAGGAGGAGCCGGGGAAGGAAAAGGAACCAACCAAGGGGGGAAGGGG GGAGAAAAAGGGAAAGGGGGGGAAAAAAGGGGCCGGGGCCAGAGGAAAA
 G G G AAAAAAAAAAGGACAAGAGAGAGGGGAAGGAGAAGAAGAAAAGGAAA A G GAA G G GAAAAAGGGGGGAAAGGGGAGGAAAAAAAAAAAGGGGGGGGAA G GAAGGGGCCGGAGGAAGGGAAAAAAAAGGAAGAAGGGAAAAGGTTGAAG ACGAAGTTAAAGACCGTAGAGGAAGGAAAAAAAGGGAGAGGAGGGGGGAG AAGAAAGGACCAAAGAGGAAAAGGAAAAGGATGAAAACGGGGCATTGGAA AGACAAGGAACGGGGCAGCCAAGGGGAGAAGGAAGGAACCGGAAAAAGGA GAGAGAGGGAAACCAAACAGAAAAGAGGGGGAGGAAAAAAGAACGGATGG G G G GAAAAAAGGGGGGGGAGGAAAAAAAAAGGGGAAGGCAAAGAGAACGA CCAGCCAAGGGGGGGACAGAAAGGACAGCCAAAAGAAAGGGAGGGGAAAA GGAAAGTTCCAAAGTAAAAAAAGGAAAAAAAAGGGAAAAAGAAGGAAGAC ACAAGGAGACGGAATAAAAAAAGGGAACGGGGGGGGGGAGGGGGCACAG GAGGGGGGGCCAAAGAAAGAGAAGAGAGACAAGACGAGGGAAAGGAGAGA AAAAAAGCCCAACAAGGAGGGACCCGGAGGACACACAGAAGGGAAGAAGG AAACCAAGGAGGGAAGGTTCCGAGAAGACACCAAGCAAGACGGAGGGAAA CGAACGGGAAGAAAGGAAGCACAAGGAAGAGCGAGAAAAAGAAGGAACCG GAAGGAAGGGAGAAAAAGGGGGGAAAAGGAAGGAGCACAAAGAAGAACCA GAAAGAGAGGGGGAAAACCGGCCGAGGAAAGAGAGAGAAAGGGATGAAGG GCAGGGAGAAAAGAAAGGACAGAAAAAAAGGAAAAGGAAGAAAAAAACCA AAACCCCGGAAGGGGACAGAGGGGACCGGGAGGGGAGGGAGGGAAGGGG AAGGAAGGAAAAGGAAGAAGACAGACGAGAAAAAAACCGGTAAGAAGGGG AAGAGGGAAACCGGAAGACCGGGGGAAGAGAAACGAAGAAGGGGGAGGA G G G GAA $\operatorname{CC}$ CAGAGAAGGCCAAGGTAGGGGAGAGCAAAGGAAAGACGGCCA GACGGAGGAGGGGAAGAGGGGGGAGCCGGACAGCCAAAAGAGACCAAAAC A G G G GCCCCGGGAGGAAGGCAGGGGGACCAGGGAAAACCGGGGAGGGGG G GAAGGAAGGGGAGCAAAGGGGAAAAGGAAAAAAGGGCAAGAAAGGAAGA G G G GAA G G G G G GAGCCTTAAAGGGGAGGAGAGAAGGACGAAAAAAACAGA GGAGAACACCCCCCGGAAAAAAAGAGAAACAAGGGGAAAAAAGGGGGGGG GGGGCCGGGGGGAAAACCCCGGAAAAGACCGAAAGGAAGAGAGAAGGACC GAAAAAGGGATAGAGGAAGAGGGGAAGGGGAGAGGGAACCGGCAACAAG GGGAAAGGGGGAAAGAAGGGGAACCGGGGAAGGAAAAAGGCGAGGAGGA CCGGAAAAAGGGGGGGGGGAGGGAGGAGGGAGGGGAGGAGCCCAGAAAG AGGGAAAAAAACCGGAGAACCACAGGATTGGAAGAGAGGGAAAAAAAGAA AAAGGGGAAAGAAAAGGCCAAGGGGGGCCGGGGGGAAAAGGGGGAAGAC CAACGGAGCAGGCCGGGGGGAGGGGGAAAAGGCCAGAAGGAGAGGAAAG G G GA $\operatorname{l}$ G G GAGAGGCCGGGGCCGGGAAGAAGAGAGGCAAAACGGGGGGGG GGAGAGAGAGAAGGAGCCAGCCGGCCCCGGGGGGCCAAGGAGGGAAAAA GAAGGAAGGAAAGAGAAAAGACAGGCCGAAGCCAAGAAGAAAGAAAAGGA GAAAAAGAGAGGGGGGGAAAGGGCGCCGAGGGGAACCTTAAGGATGGGAT TAAAA G G GAAAAAGGGGGGGGAGGAGGAGAAGGGGGAAAAACAGGAAGG CCGGAGGGGAAAGGGGAGCGCCCCGGAAGGAAAAGGAAGGAGGGCCGGA ACCAGGGAAAAGGGGGAAGCCGGAGAAAAGGAACAGGGGCCAGAAGAAAG AAAGGAGGGGACAAGAAAAGAAGGGAAAAGGCCAGGGCCGGAAAGAGGAG GAAGGAGAGAAAAGAGGAGGGGAGAAGAAAAGAGGGGGAAGACAGCCGG AAACAGAGCCGGAAAAGGAAAGGAGGAAGGAGAGCCGAGGAGAAGGAAGG

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 G G G AAA $\operatorname{A} A \mathrm{G}$ GGAGATGGGAAAGGAGGGAAGGCAGAAAGAAAGGCCAATAG GAGCCAAAAAACCAAGGAAAAAAGGAAGAATAAAAAGAAGGAGGGAAGGG GAAGGGGGGAAGGGGTAACAGAGACAGTAACGGGGCAAGAGGGAAGAAAA AGGAACCAAAAGACCAAGAGGCCAAGGGGGGAGAGGACCGGCAGAAAAGG GCAAA GAAAAAAGGGGGGGGGCCCCGGAACCGAGAAGGACCAACGGGAGG G G GAACCAAGGGAAAGGGAAAGGGGAAAGAAAGGAGGAACCAAGGGGAAA AGGTTAAAGCCGACCGGAAAGAAAAGGGGAAGGGGAAAACCAAACGGGGG G G G A A G G G G G G A GAAGAGGAATAGAGGAAGGGGAACAAATTGACCAGCCA AGGAAAAAAGGAAGGAAAAGGAAAAGGAAAAGGGAGGCCAAAGGAGGAGG GGCCAAGAAGGCCAAGGGGCACCGGAGGGGAACAGAAGGAAAAAAAGGGA AAAGGGAGGGGAAGGAGGGAGGGGGAGGGGGAAAAAGGAAGAGCCGGAC AAGGGGCCGGATAGAGGGACAGGGGACCGACCAAAAAAAAAACCCCAAAA

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 ACGGCCGGAGGGGGAGAACCGAGGAGGAGAGGCCGGGGCAGGAGGACAA GGAAAGAAGGGAGCAGAACCCCCGGGACAAAGAAGGGAAAAGGGGGAGGC AA $\operatorname{A} A \operatorname{A} A \mathrm{~A}$ GAGGGACCAGGAACAGGGGGGAGAAGAGAAAAAGAAGAGGGG AAAAAAGGGGGGGGCCAAGGAAGGGGGGGAGAGGAGAGAAAGAAGAGGG AAAAAAAGGGGAAAAAAAAGACCCCAAGGGGAAGGAGAGCAAAAGCCGAG GGGAAGGGGCAAAAAGGAGGGAAGGAGAGAAAAGGGAAACCGAAAAAAAG AA GCCGGAAGAAGGGCCGGAGAAGAAGAAGGAAGACCGGGGGGAAGGAA GGGGCCGAAAGGCCGAAAAAGGGAAAGAGAGGCCAGAGCGGAGGGGAGG GAGCCAGGAAGAGGAGGGGAGAGGGGGGAGGGGGGAAGGGGAAGAGAAA AGGGGACCAAAAAGAAGGAAGGCGGACCACAAGGGGGGAAGGCCAAAAAC AAAGAGGACCAGACGGGGGGGAAGCCAGGGGGCCAAAAGGGAGGCCGGG

G G G A A G G AAAAGGTTGGAAGAAGGAAAGGAAAAGGAAGAAGGGCCCCAGG AGAGGAAGGAGGGCAGGAAACGAAAGAAGAAGGGGGGGAGAGGGAGGAG AAGGAGAGAAAAAGAGAGAAAGAGAAGAAAGGAAAAGGGGAGAGGAAGAA CCGGCCGGAAGGGGGGGGGGGGAGAGCCAGAGAGGGAGAAGGCCGGTTG GAACCAAAAAAAAGGAAAAGGGAAGGAAGAAAAGGAAGAAACAAAAAGGA GAGGGAGAACAGAAGGGGGGGGAAAAGGGGGGGCCAGCCCCGGGGAAAG AAGAAACCAGAGGGGAGAAAGAGGAGAAAACCAGAAAAAGAGGAGAAAAA AA $\operatorname{GAA}$ AGAGAGACACAAAAAGACAAGGAAGAAGGAAGGGGAGGGAGGAGG A G G GCAGGCGAGGGACAACAACAAAGAAAACCGGGGAAAAGGGACCAAAG ACAAAACAGGCCGAGGAAAAAAAAGGAAAAGGGGAGAAGAGGGAAAGAAG GGGAAACCAGAAGAGGCCAGACGGAAAAAAAGAAAAAAGAGGAAGGGGGA ACGAGGGGAAGAGACCCAAAGAGGGGAAAAAGAGCCGAGAAAGAGGAAAA TAAAAAGGCCACGGAAGAGGGGGGAACGAGAGACGGAAAAAAAGAAGGGA AGAACAGGAAAGAGGGGAAAGGAGAAAAAAGGAGGGAAAAGAAAGGCCGG AAAAGGGGGGCCGGGGGGCCGGAAAGCACCGAGAGGAACCAAAAAAAGAG AGAAGGGGAACCGGCCCCGGAAAGGGGGGAGAAAACAAAAAACCAAGGAG G GACGAGGAAGAGAAGAAGGGAAGGGGAGAAGAGAAGGGAAAAGAGAAG GAAAAAGAGAAGGAGAGGGGGGGGGAGAGGGGATAAGAGAGGGAAACAA AGGGAACCAAAAGAACAGAGAAAAAAAAAAAAAGAAAAGAAGAGAAAAGA GAAAGGCAGGAAGAGAAGGGAGGAGGAAGGAAAAAAAAGGCGAAGGGGAA GAGAAAGGAAGGTTGGGAGAAAAAAAAAAAAGAGGATTGACCAACCCCCC GAAAGGAGAGGGGGAGGGCCAAGGAGGGAGGAGGGCCCGAAAAAAGGAA GAGGAGGAAAAGGAGGAGGGGGGAAGGAGCACAGGGGAAGGAAGCAGAA AAGGAAAACCAAAAAGACACGCGACCAGAGAAAGGACAAAGGGGACAAAC GGGGCAAAAAAAGGAAGGAAAGCCGGAAAGGGGAGCAGGGGAGAGGAAAA GAAGAAGAGGGAAGGGAGGGAGAGGGGGGGGGGAGAGGACAAGGAGAGG GGGAAGGGGGAGGGGAGACAGGAAAGGAGGGAACAGGAACCAAAGGGAG GGAAAAAAGGAAGAAAAAGAAAGAAAAAGGAAAAGGGAAAAAAAAAAAGG AA G G G GAGGAGGAGAGAAAAGAGGCCAAAGGAAGGAGAGGAAGAGGGGG GGGGGAAAGGGGAAAGAGGGGAAAGAAGGGAGGGCGGAGGGAAAAAAAA GGGAAAAAGGAACAGGGGAGGAGAGGGGGGGGGGAAAAAATTAAAGCCAA A GAGAGGGGGGACCAAGAGGAACCGGGGCCAACCGAAGAGAGGGGGGAA AAAGGAGCCAAAAAAGGAAGGGGCCGGAAAAAACCCCAAGGGGGGAAAAT TGGAAGGAAGGGGAAGGAAAAGGGGGGGGACCAAAGGAGAAGGAGAGGG G G G GA GAGGGGGAAAAAAAGCCGAGGGGCCGGAAAAAGGGAAAGGAAGG GAGGGGGAGGGAAAAGGAAAGAAGAAGGGAAGGAGGGGGAGAGATGAGG GAGAACAAGGCCGGGGAAAGAGAAAGGAAGCAAAAAGGAAAAAGAAGGAA G GAACCTTGATTGGCAAGGAGACCAGGGAAAAAAAGGGGGGGGGAGAAGA AA G GAAAAAAGGGGAAGGAAAGAAGGGGCCGGAAACAGGGTTCAGGGGAA AACCAAAACCAGGGGGAAAAAAGGAAGGAAGACAAGAAGGAAAGAGAAGG CCCCAACCGAAAAGAAGGAAGGAGAAAAAAGGAAGGAAAGCACAGGGGAA TTGACCGGCCGGAACCGGAAGAAGGGAGCCGGAAAAAGGAAGCCAGAGGG GAAAACAGGCGGGGGGGGAAAAGAAAAGGGGGGGAAGGAAAAATAGGGA GAAAGGAGGGGAGAAGAGAAGAAAAAGGAAAGGAGGCCCAACCAAAAAGA GAAGGAAGGAAGGGAGAGACAAAGGAACCGGAAAACCCCAAAAGGGGCAA AGAAACAGGAAAACCGGGGGGAAGGGGGCAGAAGGCAAAACGGGGGGAAA AGGGAAAAAGGGGAAAAGGGGGAGGAAGGGGAAGGAGAAAAAAGGGGGA GACAGGAAAGACGGAAGGAAGGGAGGGCAGAAGGAAGGATAAAAAGAGCC G GAGAGCAGGAGAAGAGAAAAGCCGGAAGGAAGGAAAGGGGGAAAACCGC AA $\operatorname{ACGGAAGGGGGGGGAAGGGGGGGGACGGAAGAAAAAGGGGAGGAGGG}$ AAAGAGAAGCAGGGAAGACAGAGAGCAGGAGGGGAGCCCCAAAAACCGAG GAACAAGAAGAGGAGGGGGAAAGAGAAGGAAGAAAAAAAGGAAAAGGGGA AA GAACCAAGGAAGGGGACGAAAGGACGGGAAGAAAAGAACAAGGAGGAC AGAGAGGAGTTAGGGAACAGAAACCAAAAAAGGAAGGAGAAAACAGGGGG ACCGGGGAAAAGGAAGAATCCCCGAAGGGGGGGAAGGGGAGGAAAAACAC ACCGAACCGAAAACCAACGGAGGAAGGGGAGAAAACCCCAAGAAAGGCAG ATTGGGGAGAGAGGAGAGGAAGGGGGAGACAAAGGCCGGAAGGAGGGGG AA G GCAGGGGGGAAAAAGAAGAAACCAAAGACGACAAAGGAGCCAGAGCC AAGGAAAAGGAACCAAGGGGAAGGCCAAAAAAAAAAAAAAAAGGGGGGAA CCAAAAAACCAAGGGGAAGGGGACGGGGGGAGAAAAATAGGAGAGGAAGA AGAAGGGGGGGAAAAGAACCGAAAGGGGAAGGCCGAGGGGGAAAGGGGG

GGAAAAAAGGGACTTGAAAGAAAAGGAAAAGGGGAAAGGGAAAAAACCCA AAACCAAAGGGGGGGGGGGGGAGCAGGGGGGAAGAGAAAAGAAGAGAAC G GCAAGCGGAGGGGAAGGAACCAAAAGGGGCAAAGGCCAAAACCAGCCCC GAAAAAGGAAAAAGTAACGGATACGGACAAGGGGGGAAAAGGGGGAGAAG AGAAGAAACCGGGGGGGGGAGGAGAAGGGGGGAAGGAAGGAAGAAGAAG G G G GAAA G GAA GAAGGAAGGGAAAGCAGGGAGAGGAAAGGGAACAGAAAA A G G G G G G G GCCAAAGAAAGAGAGCAGAAAAAGGCAGGGGGGAGCCCAGG AA GAAGGAACAAACAAAGGATTGAGAGAAGGGAGAAAAAAAGCCGGGGGG CAGGAAAAAAAAGGGGAGAGGGGGGGGGACGAAGGGAGAAGGAGACAGA AATAGGAAGAGAAAAAAAAAAAAGGGGGGAGCCAAGGCCAAGGGGCCGAG GAAAAGGGGGGAAGGAAGGACCCAAGGGGAAAAGAACGAAAGGGAAAGGG GAGGAAGAGGGGAGGGGGGCCGGAAGGAAGGAAGGAAGGGGAAGGGGAA GGAAAACCCCGGAAGGAAAGAAGGAGAGAGAGGGAAAAGAAGGAAGGGGG GAAGAAGGCGGGGAGGCAAAAAGAGGAAGGAAAAAAAAGGAAAAGGACAG AGAAGAAAACAGGAGGAAGGAAAGCAGGGGGGAGAGAAGGGGGGCCAAAA GGGGCAAAAAGGGGAAAAGGGGGAAAGAAAGAAAGAACACCCAGAGGGAT G G AA G GA GCAGGGGAAGGAGGGGGGGACAGAGGGAAAGAGAAAACAGGC C G GAA GAAAAAGGAGAGGAAAAAAAGGGAGGAAAGCCGGAAAAAGAGGGA GAGAAAGAAAAAAAGACACGGGAAAGGAAGGAAAAGGACCAGGGGCCGGA AGGGGAAGGGGAAAAGAAGAGAGGAAGACAGGGGGCCGGAAGGGAAGCC A GAGAGGAACGGAATTAAAAGGGGGGCCGGAAGGAAGGGGGGGGAAAAC CCCGAGGGAGGGAGGGGGGGGAAAGCCAAGGGGACCCGGGAGACCGGAA AGGGCCGGAGAAGAGGGGAAAACCACAGGGAGAGACAACCAGCAAAGGAG A ACCGGGGGGGGGGAGGGCACACGAGAAAAAAGGAAGGGGGGGAGGACA AAA $\operatorname{l}$ GAAAAGGGAAGGAAGACCCAGGGAGAAGGGAGGAGGAGGCAAGAGA G G G G G G GAAAACCGGGGAGAGAAACAAACGGACAAGGAGAACCGGAGAGG GAAACGGAGGGACGGGGGGGGAAACAGGGCCGGGGAAGGGGAAAGAGGG ACAGGAAGAACCAGGGGGGGAGAAGGGGGGGGGGGGGAAAGAAGAAGAA AGAGAAGAGAAAGCCAGAGGGGGGGGAAAACAGAAAAACGAGAGAAACCA GAAGAGAGGGGAGAGACAAAAGGGGAACCAAAAGGGGGGAAAAAAGGAAG GGGGGAAGGAAGGAATTGGGGCCGGAAGGAACCAAGGGGGGCAGACCAG G GAAAAGGGGAAGACAAAAAGGAGAGAAAGAGAAAAGGGGGGGGGGGGA A G G G GAGGGCCAGAAGGGGAGAAAGGACCCCGGAGAGGGGACCAGAAGG AAAAGGGAGGAGAGGGGGAAAGGGAGAAGGGAGAGGCAAAAAGAGGGGA AGGGAAGAAGGGAGAAAGGATGGAAGGGGAGGAGGGGACAAGGAAAAGG G G G GAAAAACGAGCAGAGAGAAGAAAGGAGAGCCAAGGCCAAGAGGAGAG AAAAAAGGCCAGGGAAGGAAGGGGCCGGCAGAGAGGAGAAGGACGAATAA AGGGCAAGGGGAAAGAGAGAAAAAAAGGAAAACCGGGGAAAGGGAAAAAA GAAAAAAAGGGAAGCCAGCCGGAAAAGGAACCGGGGAAAGAAGGGAAAAC GGAAAAAAGGCCCCAACCAAGGCCAAAAGGACAAAGGGGGGGGGAGAAAA ACCCAAAAAAGGGGGGCCAGCCCAGGGGAAGAGAAAAAGGACGAGGAAAG AAAAAGGATAAAGAAACAAAGGGGAAAAAAGGAAGACCGGAAAAGGGGAG AAAGAAAACCGAAACCAAAACCAACCAAAGAAGGAGGGAAAGGGAGGGCA ACAAGAGGAAAAGAGAAACCAAGGAGAGAGCAAACGCCGGCAAAGGGAGA G GAAGGAAGGGGAAAAAAGAAACACCAAGGAAGGAACGGGAAACGGAAGG GGAGGGAAGGAAACAGGGAAGAGGGAGGCCACGAACGGGGAAAAGGAAAA CCAAGGGAAAGAAAAACAAAAAAAAGCCCCAAAAGAGGAAGGAGGAAAAA G GAGGAGGGGAGAGAGGGGAATGGGGAAAAAAAAGAGGCAAACCGAAGG AAGAGGGAATTAAAAAAGGAACACCAGAGCCACCAAACCGGAAGGAAAAA G G GAAA G G GCCGGGGCCTAAAAAAAACGGAAAAAAGGGGGAGGGGGAGG AAAGGGGGACAGAAAAGGAAGGAGAGAGAGGGAGGAAGGGGGAAAAGCG GGGCCGGAACCAAAACCAAGGCCACGGGGAAACAAGGAGAGGAGGCCGGG GAAGGAGGAAACAGGGGGGCCAGGGGGAAAAGGAACCAAGGGGCCGGGG G GCAGAAAAAGGGGCCAAGGAAAAAAAACCGGAACAGGCAGGGAAAGGGG AAGGAACACAAAGAGAAAAGGGAAAAGAAACCCCCCAACCAAGGAAGAGG AA G G G GAAAAGGAAAGAAGAACAACCAAGGAAGGGGAACCGGAAAACAGG GAAGACGGGAGAGAAAGGAAGGCCAGAACCAGGGAAAACCGGGGAGCCAA AAGGACTAGAAAAAGAGGAGAGAGAAAGGAGAGGGAGGGGAAAATTCCAA GAGGGGACAAACAGGAGGAAGGAAGGGGAAAAAAAGAAAAAGCCGGAAAA GGAAGAGAAGAAAAAGACGGGGGATTAAAAAAGGACAGGAGGAGCCCAAG AGACGAAAGGGAGACCAAAAGGCCAAAAGGAAAACCAAAAAAAAGGAAAA

AA $\operatorname{A} G \mathrm{GGCCGGGGGGGGCCGGAAAAAAAAGGGGGGGGGGGAGAAAAAGGG}$ AGGGGGGGAAAGAAGAGAAGGCCAAAACCAAACAAACCCGGCCAAGGAAA AAAGGGGAAGAGGGACCACAAAGAAGGGGGAAAAAAGAAGAGAAGGGAGA AATGGGACCGGGGGGGAACGGGGAAGGGGCCACGGAAAAAAAAGAACAGG G G G GAGAGGAGACGGGGAACAAGAAACAAAGAAGGAGGGAAGGGGCGAA AAAAGGAAGAGGAGGGAAAGGGAACACCAAAAGACAGGAAAGCAAGTAGA AACCAGGAGAAGACGACAAGCCAACCGGAAAGGGGGAGGGGGAAGGAACC G GAATTGGAAAAGGGGGGGGAAGGAAAAAAGGAAAAGGGGGGAAAACCG G G GAAAATTGGGGAAGGGGCCAACCCCGGAACCGGAAGGAAGGGGGGAAA A G G G G G G G G G G A A A A G G G G G G G GAAGGAAAAGGAAGGGGGGCCAAGGAA G GAAAAGGAAGGGGAAAAGGAAAAGGAAAAGGGGAAAAAAAAAACCAAGG AACCAAGGGGAAGGAAAAGGAAAAGGGGGGGGGGCCGGAAAAGGAAGGG GGGGGAACCGGGGGGAAAAGGGGAAAAAAAAAAGGGGGGAAAAAAAAGGT TAAGGGGAAAAGGGGGGGGAAGGGGAACCAACCGGGGGGGGCCCCGGGG GGAAGGAACCGGAAGGGGAAGGGGCCAAGGGGAAGGGGAAAAAAAAAAG G G G G G A A G G G G G G AAGGAACCAAAAAAAAAAGGGGAAGGGGAAGGAAAAA G G G G GAA GAGAAAAAAAGGAAACAAGGAAAATTAAGGAAGGAAGGGACAG G GACAAGGGGGTTGGAAAAGGGGAGAGAACCAAAAGGCAGGGGGAAAAAG G G G AAACGGGGGGAGGGGAGAGGAAGGGAGACGAACCAAAAAAAAAAACC CCCGGAAGGGGAAGGGGTTAAAAAAAAGGGGCCGGAGCAGGAGGGAAGG AA G G A G G GAGCAAAAAAAGAGGGGCCAAGGGACGGAAAGAAAGGGGGACC G G G GAAA GCAGGGGAAAA GAGGGGAAGGGGGGCCGGGAAACCGAGGCGG G GAGGAACCGGGGGAGGAAAGGGGGCAAAAAGGAAGAGAGGGGCCACGA AACCAAGAGGAAAGGGCCGGGACCGGACCCGGGGGGAAGGGGCCCCCAAG G GACAGAGAGAAACAAAAAGGAAAGGAAGGAGAGCAGAGGGGAAGGGGAA AAAATTGGGGGGAAAAAGAAGGAAAAGGGGAAAAAAGGGGAAGAGGCAAA G GAAAGAAGGGGGGAGAAGGAAAAAGAGAAGGAAGGAAGAGACCAAAAAA G G G G G GCCGGAAGGGGGGGGAGGGGGGGAAGGGAAAAACCAGGGAAAAA AAAGGGGGGAAAAAGCCGGGAGGACAAGGAGCACCAAGGAGGGAAGGGAA AGGAGCACAGGGGGGCCGGAAGGAAGGGGAAGGGGGGGGAAAAAAAACC AGGGAAGGCAAACCAAAGAAGAGGTTGGGGGGGGAAGGCCAGGGAAAAG GACAGGAGACCACAGAACCGGGGAAAAAGAGAAAGAAGAAGACGGGACAA AA G G G GAGGAGCCGGAAAAAAAAAAGAAAAAAAAAGGGAGGGGCCAAGGG G G G G G AAAAAAAGCCAAAACCTTGGGGAAGAGAAAGGCCGGACAAAAGGC CAAAACCGAGGCCGGGGGGAACCGGAAAGAAAGGAAGAATACCAAAGCCC AA $\operatorname{l}$ GAGGGGCCGGAGGGGGGGAAGGAACCGAACAAGGAGAGAGGAAGAC AAGGAAAAGGAGAAAGAACAAAGAGGAGCAAAAAAAGAAACCGGGGAAGG AAAACCGGGGGGAAAGCAGGAAAAAAAAGGAAAAGGGGAAGGGGAAAAAA GAAAGGGACAGAAGAAGAAAAGGAGAGGAAGAAAAAGGGGGGGGAGCCAA AACAAAAAGGGGAAGGCCGGCAAACCAAAAGGGAAGGAAGGGGGAATTGG GGCAGACAGACCAAAACCAAAAAATACACAAACCAAGGGGAAGGAAAAGA GACCAAGGAAAGGGGGAAGGGGCCACGGCCGGAAAAGACAGAAACCAACC AAAAAAGGGGCCACGGAGCAGGGGCCGGAGGAAGAGAGACCAGAAAAAGG G G G A G G G G G G A A A A G G A A A G G G GAGGGGAGAAGGGGCCGGCCAGAGGGG AAGGAAGAAAAGGACCACAGAGAGGGGGGACCAGGAGCCAGAGAGGGAAG GCAGGAAAAAGAAGAGCGGAAAGGGGGCCAAAAGGAAAGGAAACCCCAAA AAAGGAAAGGGAGGGAAGGGGGGCCAGAGGGCAAAGGCACCGGCGACGG AGAAGAAAAGGGCCGGGAGGGGAGAAGGAAGGAAAAGGAAGGAAAAGAGA G G GCAA GACCAGGGAAGGAAAACCAACCAAAGCCAAGGAAAAGGGGGGGG G GAAGGAAAAAAAACCCCAAAAGGCCGGCCGGGGCCGGGGAAAAAAAAGA GGGAAGAGAAGGACAAAAGGAAAGGAAAGAGGGAGGGGAAGAAGGGGAT AAAGGGAAGGGAAATAAAACAAAAGCCGAAGAGAACCGAAAGGAACCAGA AAAGACAAGAACGGGGAAGAGACATAACCCAGACCAAAGGGAAAAAAAAA G G G A GAGGGAAGGAGGAGAAGGAAGAAAAGGAAAAGGAACCAAAAGGGGA AGGGGAGAAAGAGAGAAGAGAGGCCGGGGAAAAAAGGGGAGGAAACAAGC CCAGGAAAAAAACGCACGGAGGAGGGGAGAAAAAAAAGACCGAAAAAAAA G GAA $A$ AAAGGGGAAACAGGCCAGCAAGGGGGGGAGGGAGAGAAGGAAAA AAAGGAGGAGGGGAAGGGAGGGGGGGAAGAGGCAGCGAAGATGGAACAA AGGAACCAAAAAAGGGGGGGAGAAGGGGAGGGAAGGACAGGGGAAGGAA G GCCGACAGAGGAAAAGGGGGGGGGAAAGGGGAAGGGGGGGATTAGCAG AGGGGAAGGAACCGGGGAAGGGGCCGGAAGGAGGACCAAGGAGGAAGCC

GGACGAAGAAGGAGAAAGGGAACCAAGGAGGGAGGGGAAAAAGAGGGGA GAAGGGGGGGGGGAGAAAGAAGAACAGGGAGAGAGGGAGAAAGGAGGGG GAGAGAGACCAAAAAAAAGGCCGGAAAAAGGGAGCAAAAGGGGGAGGAGG A GA G G G G GAAAGGGAAAGCCAAGGGGGAGGGGGGAGGAGGAGGGGGAAA AGGGGAGAGGACAGAGACCAAGGGGAAAATTAAAGCCGGGAGAAAAGAGG GCCGAGGAAAAAAGAGGGGAACCAGGGAAAAAAAACAGAGAAAGGAAGAC CAGAAAACCGGGCGGGGGAAGGGGGGGACGGAAGGAAGGCCACAAAACCC CGGAGGGGAGGAAGGAAGGGAAAGAAAAGAAAGCCGGCCCCGGAACCAGA GACCCGGGGGGTAAACGAGGGCAGGGGGGCCAAGGAGAAGGGGGGGACA AAGGGGAGGAAGAAGGCCAAAGAGAGAAAACCAAGGGAGGACGGAAGGAG CCGGAAAACCAAGGAAAACCGGCCAACCAACCGGAATAAAGGACAAGAAA GAGGAGGGGGGGAGGGAGTTAACCGAGGGGGGAGGGAGGGGGAGAAAAG GATAAGGGGAAAAAGGGGGGGGGAAAAGGAAAAGAGGAGAAAACCGGAGA AGGAAGGGGAAAACCGGAAGGGGGGGAGGGAAAGGCAAAGGGGGGGGCC AA G G G GAGGGAAGGCCGGACGGAAAGGGAAAAGAGGGGGGGGAAGGTAG AAGGAAAAGAAAGAAAAGGTTGAAAGAAGGGAAATGGCCAGCAAAGGGGA ACCGGAGAGATCCAGCCCCGAAAAAGAGGAGAAGGGAGAAAGGAGAAAAT AAAAAAAGGGGAAGGGGGGCCAGAGAGAAAAAGGGGGGGAAGAAACCAAA ACGGGGAAGCCGGAAGGGGAAGGGGAGAGAAAAAAAAGGTTAAAAAAGGG AGGGAGGACGAAGCCCCAGAGAAAAAGAGGGGGGACCAGCAAGAAACAAG GAACCAGGGAGGGAAAGCCGGAGGGGGAAAAGGAGAACCGGGGCCAAAGA GGGAGAAGGCAGGGACCACAAGGAAGGGGCCAGGGAGGGGGAAGGGGCA AGAAGGGGGAAAGAAGGAAGAACCAACCGGAGAGGGAAAAAGAAAAAAAA ACCCAGGAGAGGGAGGGGGGAAGAGGAGAAGGGAAAAAGGAAAACCAAGG AAGGACCAAGAGAGAAGGAGAGGGAGAGAGACAAGGAAGGAGGAGGAGAA AGGGAAGGGCGGAGAGGGCCAGACAACAGGAAAAGGAAAAGGAAGGGGAA AGCCAAGGAAGGCCAGAGGGAAGGAAGAGGAAGAGGCCGGGAGGCCAGG GCCGGAAGGGAAGGGAAAAAAAAAGGGAACCAAAAAAGAAACCGAGGCCG GACGAAAGGGGAAAAAAAAAGACGGGGAAAAAAGGGGGGGGAACCAAAAA AAAAGGAAAGGAGACTTGAAAAGGGGAGAAGGAAAGACAAGGGAAGGAAA AAAAAAACCAAGAAAGGAAGGGAAAAACACCCCAAGGGGAGAGAACCGGA AGGCAGGGGGAACCCAGAGGGAAAAGAAGGGGGAGAAAAAAGGCGAAGGA AGGCCAAGGGGGGGGCAAAAGAGGAAGGAAAGATTGGGGAGAAAAGAAAG GAGAAGGGGAGGAACAAAGCCGAAAGAGAGGACACAAAAAAGGAAAAGGA GAGCAAAGGAAAGGGGGGGGAGGAACCGGAAAGGAGGAGAAAAAGAACAA AGAGGAAAAAAGGCCAACGGGGGAGAACAAAAGGGGGAAAAAAAGAGTAA AGAGAAATTAAAAAACCGGCCAAGGAAGGTACCGGGGAAGGAAGGGGGGC CGGGGAAAGGGAACCTTGAAAGAGGAAGAGAGGTTGGAACCAAGGAAAAA CGAAGAAGGGGGGAAGGAAGAGGAGGGCCGGGGGGGAGGGGAAGGGAAG GAGGAGAAAGGGCAGGAAGGAGAAAGCCGGGGAAGAGGGAGAAGGGGGA AAAAAGGGGGGAAGGAAGGAAGGGGGGAAGGCCGAACGGAAAACCAAGG GGAAAGGGGGGGAAAAAAAAGAGGGAAAGGAGGGGGGGGGCCAAAGCCG GAAAGGGCAGGGGGAAAAAAAAACCGGCAAAAAAAAAAAGGGGAAGGGGG GGGAAAAAAGGGGGGGGAAAAAAAAGGGGAAAAGGCCAAGGCCAACCAAA ACCCCGGAAAAAAGGAAGGGGAAGGAAAAAAGGCCGGAAGGGGGGGGGG AAGGAAAAGGAAAAAAAACCGGCCAAAAGGGGAAAACCGGGGGGGGGGAA AACCGGAAGGAAAAGGGGGGGGAAAAGGAGCAGAGGAAAAGAGGAAAACC GGGGAACAAAAAGGAAGCAAAGGAGAAGAAGGACGAAAGAGAAAAAGGAG GGCCGAGAAAGAAAACAAGGAACAAAGGGGAGAGAGAGGGGACCCCAGGG AA G GAA $\operatorname{la}$ AGGAAGGGGAACGGGGAAGGAAAGGAGGAAAGGGAACACAG AAAAAAAAGCACAAGAAAAAGAGAAGGGGGGGGAAAAGGGGGGAACCAAG AAAAAAAGGCCGAAAGGAAGGGGAAAGAAAAATGGAGGAACGGGGGAAGC CGGAAGGGAGGAAGGAATAGGGGGGGGGAGACAGAGGAAAAAAGGGAGA AACAAAGAAAGAGAGGGGTTCCCCAGGGCACAACCCAGCCGGGGGGAAAC GGAAGAGAAGAGCACGGAGGAGAACCAAGGAAAAGGAAGAAGAAGGAGAG GAAGGGGGGGAGGAAGAAGGGGGGAAAAGGAGAGAAGGGGCCGGGGGGG GGGCCGGGGGGAAAAGAAAGGGGGGAGGGGCTTCCGGGAGGGAAGCAAA CCCCGGAGGGGAGGGGCCAACCGAGGAGAGAGGGAGAAGGCAGGAGAAG AAAGAGAGGAGGGAAAAAGAGGGAAAGTTGAAACAGGAAAGAAGAGGAAG AGAGGCCAAGAGGAGACGGGGGAAAGGCCAAGAAGGAAAAACCGGCCGAA AGGACAACCGGGGAAGGGGCCGAAGGAGGGGGGAACCGGGGGGGAGGAG

CAAAGGAGGAGACAGACCGGAGCAGGGGGGGAGACGCAAGAGGGAAGGC CAGGGAAAAGAGGGAAGGGGGAGAGAGAAGGAAGGGGGGGGGATTAAGG AACCGGAAGGCCGGGGCCGGGGGGGGAAGGGGAAAAGGACGGAAAAGGA CGGAAGGGAGGAAACCAGGAAAAAAGAAAAGGGAGAAGGGGAAAGCCGGC AAGGAGGGGAGAAAAAGCAGGAACAAAAACCAGAGAGAGGGCCAAAAAGA GAAAGGGGGAAAAAAGGAGGACGGGAAAAGGAGGGGGAGGGAAGGAAGG GAAGGGGAGGGGGAAGAGGGAAAAAGCGGACAAAGGGAGGGAAAGGCAC GAGGATTCCAAGAGGAGAAAAAGGGGGGGAAAAGGGGGGAAAAGGAGCCA AAAAAGGGGAAGGGACCAAAGAAAGGGGGAAAGAAGGAGAGGGCAAAGAA AA GGAGAGGAAAAGGGGGGAAGAAAGGAAAAGGGGAATTACAGGCGAAAA AGGGGAAAAGGAAAGGACCAATAAGGGGGGGGAGAAAGACCAAGGAAGGA AGGGAGGAGAAGGAAGGGGAGGAAAAAAAAGGGAAAGGGGAGAAAAAAG GGGGAGGAAAAAGGACGAAGGGGATAAAGGAAGAGAAGACGGAGGACGAA AGGAGAGGGGAAGGGGAAAGGGCGGAGGGGGGGGAAGAGGGAAAAAGGA AGGCCGAAGAAGGCCAACCGGGGAGGGGAGGAGAAGGGGAAAAAAAAGG GGAAGAAGAGAGGAGGGGGGGGGGACAGGGAAGAAGGGAGGGCACCGGG GGGGGAAGGAAAAAAGGCAAACCGGGAAACCAGAGGCGGGGAAGAGGGG GAAGGAGGGGGAAAGGCCCCCCGGGGGGAAAAAAAAGGGGAACCAGGACG AAAGGAGAGGAAAAGGCCAACAGGGGCAAAAAGGGGAAGGGGAAACAGAA AGGGAGGGGGCCGACAGAAGGAAGCCAAAAAAAAGGGGGAAGAGCCGGG GAAGGGGGGGGAGGGAGAGGGAAGGGGGGGGCCGGGGAAGGGGGGGGG GGGAGGAAAGGAGAGGAGGAAAGGAAAAGATAAAAAGGGAGGGGAAAAAA GGGAGGGGAGGACAACCCCAAGAAGGGGGAACCGGGGAGGAGAGGGGAA ACGGGGAAGGAAGAAAGAGAAGGGGACCGGAACAGGGAGAGGAAGGAAG GAACCAGACGGGAGGAAAAAAAAAAGGCCAGGAGGGAAAAGGAGGGGAAC CAAAAGGACGAAAAGGGAGGGAGAACCGAAAGAAAGGAGGGGGAAGATAG GGAAGAGGGGGTAAGGGAAAAGGCAAGAGAGGAGGAAGAAAAGGAAACCG GCAAAGGGGAAGAACAGAAAAGAAAGAGGAAAGCCAGGGAGAGAGGAAAA AGGAAAAGAAAAGAAGGCCAAGGGGGGGAGAGACCAAGGCCCCGAAGAGG AGAAGAGAAGGAAGGGAGGGGGGAAGGAAGGCAGAGGGGAAAATTAAGG GGAAAGAAGGGGAGCCGGAGGGGCAGGAAAAAGGAAGGGGGGAGGAGAG AAGGAAAGGAAGACCGGAGGGGGAAGGGGGGGGGAAGGAGGAAAAAAGG AAAGGAAACCAACCGGGACCGAAGAGAAAGGGCCAAAAGAAAAAAGAGAC AA $\lg$ GAGAGAAAGGAAAAAGAGAGAAGGGGAGAGAGCAAGTTACGGGGG GAGGGGGAAAAAAGAAAAGGGGGAAAGAGGGGAAGAAGGACGGACGAGG AAAGGAGGGAGGAGCATAGGGGATGAGAGAAAAAAAGGGGAAGGCCGGAA AGAAAAAAGGGGAGAAAAAAAAAGGAAAAAGGAAGGAAAAGGAAGGAAAA CCGGGGAACCCAGAAAAAAACCGGAAAAAAAAAAGGGGGGGGAAAAAAGG CCGGGGAAGGGGAAGGGGAAGGAAGGCCCCAATTGGAAGGAAGGAAAAAA AAAAAAGGAACCGGAAGGAAAAAAGGACGAGGAAAAGACCACGAGAGAAG AGAGGGCAGGGGAAGGGGGAGGAAAAAAGGAGGAAGAGGAACGGGGGGG GGGGGAAAAGGGACAAAGGAGCCGAAAAGAAAGGGAAGGCAGAGGGGGA AAAGGGACAGAAAAGGGGGGAAAGGAAGAAGAGGGAGGCCAAGGGGAAG GAAAACCAGGCAAAGGGGGGGGGGGGAGGGGGGGGGGCCGGGGAGAAAA GGGGAAGGGGGGGGGGAAGGGAAAAGAAGGGGGGCAAGGGGAAAGGAAG GCCAAAAGGAAAGAAAAAAGGGGAAGGAAAAGGAGAACAGAGAGAGGGAG GCCAAACGGGGAGCAAAAAAAGAGAAAAAAAAAAAAAGGAACCAAAAAAG GGAAAGGGAAGCGGAGGAAGAGGAAAAAAGGAGAGCAGACCAGGGGGCCA AAAAGGGGAAGAAGAGGAAAAGAAAAACCAGAGGAGGAAAAAAGGGGGAG ACCGGAGGGCCGAGAAAGGGGGAGGGGCCGGAGAAAAGGAACAAGGAGG AA G G G GA GAGGGAAAAAAAAGAGGCCAGGAAGGGAGGGAAAAACGGGGG AAAAAGGGGGAAAGGAGAGGAAGGGAGGGGGGAAACAATCCAGGAGACAA AA $\operatorname{la} A \operatorname{GGAA}$ GAGACAGGGGGGGGGGCCAAGGGGGGGGAAAAAGGGAGGA GAGGCCGGGGGAGGAGGAGGGGGATACCGAGAAAAGGAGGGAACCCGAA CGAGGAGGGGGGGCAAGGGAAGGAAGGGGGGAAAAGAGGGGAAGGAAAA AAGGAAGAGGAGGACCCGGAAAGGAAAAGGGGCCGAGAACAAAAAAACAG AAAAAAGGAAAAAAAAAGCCGGGGCCGGGGGGAACCAAAAGGGGGGGGCA AACCGGCCAAAGGGCCAACCAGAACCGGGGGGGGAAAAAACCACAAAGCA GAAGCAAGAAGGAGGGAGAAAGGGGGGGAAAAGAAAAAAAGAGAAAGGGG GGCCGGGGAGGGCCAAGGGAAGAAGGAAGGGGAAGAAAGGGGAGCCGGA AGAAGGGAGGGGAGGGGAACACAAGGAAAGGGGAAGGAAAGGAGAAGAG

AACCGGAAAAAAGAAAATAAGGCAACACAAAGGAGAGAGAGAGGGAAAAG GGAAAAAGCGGGACGGGAAAAAAAGAAACCAAAGAAAGGGCAAGAAAAGG GGGGAAAAAAGGGGAAGGAATTAAAAAACAGAAAAAAGGGGGAAAAAGAG GGGGGGCCAAAGACAAAAAAAAAAAAGGCCGGAGACAGGACAGAGAGGAG GAAAATAACCACGAGACCGAGAGGGGGAAAAAATCCCCGAAGAAAGGGCC TTGGGGAGAAGGAAAAAAAAAGGACCGAAGGAGGGGGAAAAAAAAAAAGG AAAAGGGGAAGGGGAAAGACGGGGGAACGAAGAGAAACACAAAAAAGGGG AAAAAAAAGGGGGAAAGGAAAAAAGGAACCAAAAGGAAGGAAGGGAGAAC AA G GAAAGGCGGAAAAGGAAAAAAGGGGGGGGGGGAACGAAAAAGGGGG GCCAGCACACCAAACGAGGACAGAAAAAAGGAAAAACGGGGGGGGCCGGC AAATAGAAAAAAGGGAAAAGGGGACAGGAAAGAGGGGAGAACCAGGGAGC CGAGGGGAAATAGAGAAGGAAACGGAAGGGGAAGGAAGGGGCCGGGGAA GAAAAGAAGGGGGGGAGGGAAAAAGAAACCAAAAAAGGAGGAGGAGGGAA GGGGGGGAGAAAGGAAGGCAAAAAGGAAGGGGCCAAAAGGCCCAGGAAAA GAAGGGAGAAGGAAAAGGGGAAAAAAGGGGCCAAAAAGAAAAGGGGGGG GAAGGGGGAAAAGAGAAAAAAGGAACAGAAAAGCAAAGGCCAAAAGGGGA GACGACAAAAACAAGGACCCCCAAAAAAAGGGGGGTTAAGGACAGGGGGG AACGGGAGGAAGGAGAGCAGAGGGAAGGGAGGAGAGAAGAAGGAAAAGG GGGGTTAAGAACAGCAGGAGGGAAGGGGAAGGGAAGAGAAGGCCAAACG GGAGGGGGGCCGAAAAGGGGAATGAAGAAAGGGAACCAAAAAAGAGGAGC AAAGGACAAAACCGGAAAGGAGGGGCCAAGGACAGGAAGGGGAAAGGGGA AGGGGAAAAAAGGGGAAGACAATCAGAAGAGGAGGAGGGGGAAAGAGAAG GAAACGGGGAAACACAAAAAAAAAAAAGAACAGAGGAGAGGAGAAGAGGA AGGAAAAAAAAAAAGAGACAGAACAAGAGCGAAAAAAAAGGGGAAAAGGA GAGGAAAGGAAGGGGGGAAGGGGGACAGGCCAAAAAAGGGGAAAAAAGG GGAAGGAGAAGGGAGAGAGGGAAAGGGGAAGGGGGGAAAGAAGAGGGGC CGGAGGGGAGAACCCTTAGAAAGAGCAGATTAAGGAGAAAGAACCGGCCG GGGGGGGCCGGGGAAGGCCAACCGGAAGAGAAAACGGGGGGCCGGGGGG AAGGAAAAAGCGAAGGCCGAACGGCCGGGGGAGGGAAAAAAGCCAAGAAA GGAAAAGGGAAAAAGAGGGGAAGAAGGAAAGGGGAGGGAAGGGACCAAAA GAGGGGGGCCGGAAAGAAGGGAGGAAGGAACAGGAAAAAAGGGGAAGAA GACACAGAAGGGACACCAACCACGGGAGGGGGGAAAAGGAGCCGAGGAAA ACAGGAAAAGACCAAGAAAGAAAAACCCCGGAGACGGAAAAAAGAAGGGA ACCAAGGGGGGAAGGGGAAGAAGAAGAAGAAGGGGAAACAGAGGGGAGG AGCGAAAAAGGAAAAACAGGAGAGGACCGAGGGGAGGGGGGGAGAAAGAA GAAAAGGGGAAAGAGAACCAAGACAAGGGGGGAAGGAAAGCAAGAAAAAA GGAACCGGAAGGGGAAACAGGGACAAAGGAAACAGGACGGAACCGGGAGG GGAAGGCCAAAAAAAACCGGGGGGAGGGGGGGGGGAAAAAGGAAGGAGG ACCAAAAGGGAAAAAGGAGGGAAGACAAAAGGAAGAGAGGGGGAAAGAGG AAAACCCAAACGGAAAGTAGGACAAAAAACAGGGAAAAAAACCGGAGAAA ACACGAAGGCCCCGGCCAAAAGGAAGGGGGGAAAAAGAGGGAACCCCAGC CAGAGAAAGAAAGGGGGCCAGGGGGAACCCAAAGGAGAAGAAAAAAAGGA ACCACAGGGAAGAAAGGGGCCGGGGAAGGAGGGCCGGAAGGAAACGGGG AGGGGAGAAGGGGGGGGGGGGGAAGACAAAAGAAGGGAGAAGAGGGGGC AGGAAAGCCCCGGCCGGCCGGGGGGGGAAAGAGGAAAAAAAGGAAGGGG AAAGAACCAGAAAGAACCCCGAGGAAGGACACAAAAGAAAGGCAGGAACC AGGAAGGGGGGGAAGGAGGAGAACAGGAAGAGGGGGGGGGGAGGAAAAA AGGAAAAGGGAAGGGAAAAAGAGGAAGAGAGAAAAAAGGGGGGAAAGGAA GGAGGGGGGAAAAAAGGAAAAAAAAGGCCAGAAAGGAGGAAGAGAGGAAA GAGAGAGAGGGAGAGAGGAAGGGAGGGAGGAAGAAGGAAGAGGGGAAGG GGGGGGGGAAAAAAAACCAGGAAGGAAGCCAGGAAACCGGGGCCGGAGGA AGGGCGAGGGGGAAAGAACCGGAAGGGGGGGGCCGGAAAAAAAAGGGGA GAAGAACAGAAAAAAAAGGAGCAAGGGGGAAAAGACCCCACGGCCCAACG GGGAACCAGGAGGATGGGGAAGGGGAAGGAAAAAAGGCCGGAAAGTTGA GGGAAGGGAGAGAGAGGAGGAAAGACAAAAGGGACAGGAGGGAAAACCAA GGGGGGAAGGAAAAAAGAGGGAGGCCAGAGCCAAGAGGGAAACACAAAGA CCCCCCCACAAAAACCAGGAAGAAAAAAGGGGGGAAAAGGGGCCGGGGAA CCAGAGAGGAAGGGGGAAAGGGCCGGGACCAAAAGGAACCCCAGAAAAAA AAGAGCAACCAAGGAAAAGGGAAGGGAAGGGAAGCCGGCCAAGGGGGAAA AAAAAGGGCCGGACGGAAGGAGGGAAGGGGCCAACCGGGGGGAAAAGGG AAAAACCGGAAGGCCGGGGGGGAAAGAAGGGAAAACAGGGGAGACAGAAG

AGGAAGGAGGAAAGGAAGGAGGAAACCAAGAGAAGAGAGAAGAGGACGGA AGGGAGAGGGGGGGAAAGGAAGAAAAGAAAGGGGGAGAAAAAAAAGGGA AAAAGGCAAGAGAAAACCACAGGAACGGGGATGGAAAGCAGAGAAGAAAG AGACAGCCAAAGGGGGGGAAGGAAAGAGAAGGAGGGGAGGGAGGCCGAA
 G G AAAA G G G GAGGGAAAGGAGGGAAAGGGAAGGAAGAAAGGGGGGAGAG GAAGAAGGAAGACAGGGGCAGCAGGGGGAGGCCGGGGAAAAAAAAGAGA GAGGGGAAAACCCCAGAGGGGGGGGGGAGGAACACCAGGGGGGGAACCC CGAGGGGAAAGAGCCAGGGAAGGGGAGAGGAGGCCAAAAAGAGACGAAG GAGAGAGGAAGGAAAGAGGAAGAGGGAAGGAAAAGGAACCGGGGAAGGG GCAGGCCGAAAAGAGGGGAGGGGAAAAAACCAGAACAGAGGAGAAGAACG GGGAGAAAAGAGGCAAAAAACAAGGAGAACCGGGGAGGGGAAAGAGAGAA GAACCAGAAGGAAGGCCGGGACCAAGGCCAGGAGGAAAAAAAAGGGGAAG GGGGGGAGAGGGGGAAACCGAAAGGGGGGAAGGGGCAAGGGCAGGACAA GGAAAAGGACGGAGCCGAGAGAGGGGGAAAGAGAGCAGGAGAAAGGCAA GAGGGGGCCGGGGGGAACCAAAGGAGAAGGAGGAGAAAAGGGGGGAACC AA $\operatorname{A}$ GAAGGAGGCAGGGGAGAGGGGGAGGAAAGAAGGGGAAGAGGGGAGA GAAGAAGGGAGGAGGAAAAAAAAAAGAAGGAGGAAAAGGGAAGGGGGAAG GGGAGAATTGGAAAGAGAAAGACAAGGGGAAGATTGACAAATTGGAAGGG AAAGCGGAAAAAAAAAAGGAAGGGGAAGGCCGGAGGGAAGGGGGGCCAAA AAACCAACCAACCGGAAGGAAGGGGGGAAAAAAAAGGGGGGCCCCCCAAG GAACCGGAAGGCCGGGGGGCCAACCGGGGAAGGGGAAAAAAAAAAAAGGA AAAGGAAAAGGGGGGGGGGGGCCAAGGTTAACCAAGGGGAAGGAAAAGG AA G GAACCGGAAAACCGGGGAAAAGGAAGGGGAAGGCCGGAAGGGGGGG GAAAAGGGGCCGGAAGGAAAAGGAACCCCAAGGAAAAAAGGAAAAAAAAA ATTGGAAAAAAAAAAAAAAGGAAAAGGGGAAAAGGAAAAAAAAAAGGAAG GGGGGGGAAGGAAGGGGCCGGGGCCCCAAAAGGGGAAGGTTAAAAGGGG AAAAGGGGGGGGAAGGGGGGAAGGAAAAAAAAAACCAAAAAAGGAAGGGG AACCAAGGGGAAGGAAGGGGAAGGAACCTTAAGGGGCCAAAAGGAACCAA AAGGAAGGAAGGAACCAAAAGGAAGGAACCGGGGGGAAAAAAGGCCAAAA AA G GAAAAAACCGGGGAAGGCCAAGGAACCGGGGAAGGAAGGAAGGCCGG G G G G A A G G G G G G G G G G A A A A G G G G A A A A G GAA G G G GAA G G G G G G G G G G A A G G G GAAAAGGGGGGAAAAGGCCAAGGAAGGAAGGAACCAAAAGGAAGGA AAACCAA $\operatorname{A} \boldsymbol{G} \operatorname{GGGGGGGGGGGAAAAAAGGGGGGGGGGAAAAAAAACCGGGG}$ G G A A G G G G G G A A G G G G G G A A G G G GCCAAAAGGGGCCGGGGAAGGGGAAA AGGAAAAAAGGGGGGAAAACCCCGGAAGGAAGGCCAAGGAACCAACCGGG GAAAAGGAAAACCAACCAACCAAGGGGAAAACCGGCCGGGGAACCAAAAA AGGGGAAGGGGAAGGAAAACCGGAACCGGGGAAGGGGAAAAGGCCGGAA G G G G G GAAAAAAAAAAAAAAGGGGGGAAGGAAAAAAGGGGGGGGGGGGA AGGAACCGGAAAAGGCCGGGGAAAAAAGGGGGGGGGGGGGGGGGGAAGG AAGGAAGGAAAAAAAAGGGGAAAAAAAAGGGGAAAAGGCCGGAAAACCAA G GTTGGAAGGGGGGAAGGTTAACCCCAAGGAAGGAAAAGGAAAAGGAAGG CCAACCCCAAGGGGGGAAGGGGGGGGGGCCGGGGGGAAAAGGAAGGAAG GGGAAAAAAAAGGGGAAAAAAAAGGGGAAGGCCGGCCAAGGGGGGGGAA G G G G G G G G G G T T A A A A A G G G G G G G G G G G G G G G G G G GAACCAA G G G GAAA AGGAAAAAAGGGGGGGGGGCCCCAAGGAACCAAGGAAGGCCAACCAAAAA AGGGGGGAAAAGGAACCAAGGAAGGCCAACCAAGGAAAAGGAAGGCCGGG GAAGGCCAAGGGGGGGGAAGGGGGGCCGGGGAAAAAACCAAACGGGGCC AA A GAGAGGAAGGGGGAGGAGAAAAGAGAGGGGGACAGGAAGGGGGAAA A G G G GAAAAGGGGCCGGGGGGGGAGAGGGGGAAGGCAAGAGGAGGCCAA G GAA $A$ AAAAGGGAAGGCCGGAAGGGAGAGGGAGAAGAAGAGGAAGGAGG AAAAAAAAGAAAAGGAAGGGAGGAAGGAGAAACGGAAGGAAGGAAAATTG GGGAAAAAGAGGAGGAAGGAGAGAACCAAGAGGGGCCGGAGGGGAAAGG G G CCGGAGCCAGGAACACAAAAGGGGAAGGGGGGGGGGGAAAGGGGGGG GAAGGAAGGAAGGGGGGGGGAAATTCCAGAAAAGGCCAGACAAGAGAAAG GAGGGAAGGAGGGGGGGGGGGGGAAAAGGAAAAGGAACCAAAAGGGGGG CAAAGGAAGGGAAAAGAGGGAAAAGGGGAAAAGGGGGGAAAAAAAGGGAA ACAGGGGGGGAGCCGAGAAGGGGGAGAAAGAGCCGAAGAGAAAGGAAGA AGACAAGGGAAGGAAAAGAGAAAAAGGCCAGGGGGCCAAGAGGAAAAGGG ATTAAAAAAGGAAAAGGAAGGGGGGGGGGGGGGAAGGAACCGGGGAAGG AAGGGGAAGGAAAAGGGGAAAAGGCCGGTTAAAGAGAAGAAAGGGAAAAA

G G G GAAGGAAGAAGAAGGGAAAAAGGAGACGACAGGAGCAAGGGCCGGCC CAAAGAGGAGACACGAAAAAAAAAGGAGGGAGGAAAAAAACCGGGGGGGG GAGGAAGGAAGAGAGGCAGGACGGGGAGAGGGGAAGGAGGCAGGACAGA G G G G G A G G G C CAAAACCCCGGAAGGGGAAGGCCGGGGGGGAAGGAAAGA CAGGCAAGCCAAGGAAAAGGGGGGGGACGGAAGGAGGAAGAAGGAACGAA GAAAGAGGCCGGAAGAAAACGAGGCAACCCACGGACAGAGGAAGAAAAGG G GAAGAACGGGGAAAAGAGGAAAAAAGGAAAGGGAAGGGGGGGAGGAAA AGGAGAAAAAGGGAACACAAACAGGCCAACCAAGGGAAAAGGAGGGGAGA A GAGAAAAAGGCCACGGGAGAAAGGAGCCAAAGCAGGGGACAGAAAGCAC AA $\operatorname{GAAA}$ AAAAAGGGGAAGAGGACGAGAAAAACCTTGGAAAAAAAAAAGGG GGGGAAGGGGAGGGGGGATGAGGGGGGGGAACCGAGGGGGAAAAAGGGA AAAAGGAGGGAAGGCAGGCGATGAGAGAAGAAAGGGGAGGAATTAAAACC AAGGAGGGAGAAAAGGAAGGAAAAAAAAAAAGAACAAGGGAAAACAAAGG AGGAACAAAAAAGAGACAAGGAAGGGAAACCAAAAACACAAAGGAAGGAA ACAAGGGGAAGGAAAACCGAACGGACGAAAAGCAGAGAGAAAGGAAGGGG GAAGAACCGAAAAAGGGGAAGAGGGGCCGGCCAGGGGGGAGACAGGGGG GAAAAAAGGGAGGCCAAGGCAAAAAGAAAGGAAGGGGCCGGAGCAAAAAA A G GAA G G G GAACCAAAAGGAAGGGGGGAAGGAAAAGGGGAAGGAAGGAA G G G GCCAAAAAAGGAAGGAACCCCAAAAGGAAGGAAGGGGGGGGAAAAAA AAGGAAGGAAGGGGAAGGAACCAAAAGGGGAAGGCCAAAAAAGGGGAAGG G GAA G G G GAA G G G G G G AA G G G GAACCGGAAAAGGCCCCAACCAAAAGGAA G GAGGACGAAGGAAGGGGGGGAAACCGAAAAAAACCGGAAGGGGCCAAAA GGAAGAGGAGCAGGATAGGGGGGGAAAGGGAGGCGGAAGAGGAGACGGG AA $A$ AGGAGGGGGAGGAACCAGGGCCGAAGGGAGAGAAAAGGCCCCGGAG G GAA $\operatorname{A}$ GGAGGGAAAAGCAGGAGAAGGGAGAAGGGAGAGGGAGCCAACAC CAGGGCAGGGAGGAGCCAAACGGGAAGGCGGTTGGAAGAGGAGCCGGGG AGGGCCCCAGGAGAAAGGAAGGACGGAAAAGGAGAGGGGGAAGGAGCCA GAAAGGAAGAACAGGACGAAGGAGAGGCCAAAAGAAAGGGGCCAACACCG GAAGGGGGAAACACCGAGGAAGGAAGGGGAAAAAAAAAAAAAAGAGGAAG ACAGAGGGGGGCCGGCCAGAGAGAAAAGAGAGGGGGGGGAAGAGGGACC AA $\operatorname{A}$ GAGGGAGGAAAGAGGGGCGCCGGAAAAGGAAGGAGGAGGGGGGGGA AGGGGAGGAGGTAAAGAGGGACAAGAAAGGAAGGAAGCCAAAAAAAACCA A G G G G G G CCGGAAAGAGAGAACAAAGAGGCCGGGAGGGGGGAGGGAACA CCAAAAAACCGGAAGAGGCAGACCAAAAGGCAAAGGGGGGAGAAAGAAAT G GAGCACAAACCAGAAGGAAACGGAGAGCCGGGGCCAAGAGGAGGAAAAA A G A G A G A A G G G G G G GCAACCAAAAAAGGAAGGGGAGAAAAAAAAGAGACC G GAGAAACGAAACCAGCCGGTTAAGGGGGGGGGAAGGAGGAAGAGGGGA AAAAGAAAAAAAGAAGAAAGGGGAGGGAACGGGAAAGGGAGGAAGAGGGG AGAGGCCCCAAAAAAAAAAGGAGGGGAAGAGATAAAAAACCAGGGGGAAA AAAGGGACCAGGGGGGAGGGGAGGAAAAAAGGAAAAGACAAAGGGGGGA GGAAAGGAAAGACCGGCCAAGGGGAACCGGAAAAGGAAAAAAGGAAACGG TAAGAAGGAAGGAAAAAAAAAAAGCAGGAAAAGGGAAGGGAGGAGAAAAA GGAAGGGACAGGGGGGGGCCAAAAAGTAAAAGGAGGAGAGAGACAGAAAG GAGGAAAAAACCACGAGAAAAGGGAAAAAGTAGAACCCAGAAGAGAAGAG AAAAAACCAAGGAAGAAATAAAGGAAGGCCAGACAAAGGGGGAAAAGGAA AACAGAGAAAGGAAAAGGCAAAAAAAGGCCCGAAAGGAGAGGGGGGGGAG AAGGAAGCAAGGAAGAGGAGGAAAAGGGAAGGAAAAACAGACGGCCAACC AA G G GAGAGAAGCCAAAGGAGAAGGAAAGGGGGGAGCCGATAGAGGGGG AA GAGACAAGGAAAAAAGGCCGACCAGAGAGGAAAGAAAAGAGGAAAGGG GAAAAAAGGGGGGGAGGGGGAAAAGGGGAGAAAAGGGAAAACCAATTGAC CCGATACAAGGGGCCGGGGCAGGAAGGGGAAGGACAAAAGGAAAAGGAGG GAAGCAGCAAGTTCCGGAAGAAGCCAAAAAACCGGGGAGGAGGAGCCGAG A G G G GCCGGAAGGAGAGGGAACAAGAAAGAGGGCCGGGGAGAAAGACGA AAAAAGGGACCCAAGGAAAGGGGAAAGCGAAGCATAAGGGAGCAGAGGAG AAAAGAAGGGGGAAGGGGGGAAAAGGGGAAGAGAGGGGAGACGGGGCCG GAGAGAAAAAGAGCAAAAGGGAAAGAGGAGAGGAGAAGGAGGGAACAGGC CAGGGAAACACGGAAGGAAGAGACCGGGGAAGGAAGGGGGAACGAACGG GGGAGAGAACGACCAAGGAAGGCAAGGGCAGGGGAATTAGAGGAGGCACC AAAAGGGGAAGAGGGACCGAAAAAGGCCGGAGGGAAGAAAGGGACAGGGA ACAACCAAAAAAAAAACCGGAAAAAGGAGAGGAAGGAAGGGGGGAAGGGG AAGGAAGAAAGGGGGGAAGGGGGAGAAAAGGGAAGAACAGGGAAGAGGG

G GAACGGAAGAAAAAAAGACCAAAAAAGGGGAGGAACGACAAGAGGAGAG AA GCAGAGGGGTTAGACAAGGCCGAAGGAAGAAGGAATTGGGGCAGAAGG ACAAGGAAAGGGGGAAGGACCGAAAGGAAAGCCCCAAAAGGGGAAGGGGA GAAGGGGAAAAGGAAGGGGCAGGACGAGACAAAAGGGCAAAGAGGAGAGA A GAGGCCGGGGGGGGAAAAAAAAAAAACCGGAAAGGGAGGGGGGGAGAA G G AAAAGAAGAGGAAAAAGAAGAGAGAGGAGAAGACATAGAGAGGAACGA G GAGAAAGGAGAAAGGGGCCGGGAAGAGAAGAGGAGAAAAGGAGGGGAA AGGCACGCCAAGGAACCAAAGAAGAAGAAAGCCAAGGAAGGCCGGAAAAG GAGAAGGCCGGGGGGGGAAAGAAGGAGGGGACCAAACGGCCGGGGGGGG AA GGGGAAAAAAGGAAGGAAGGGGAAGGGGAAAGAAAGAGGGAAACGAG GGAGAAGGAGGCCAAAAAAGGGAGGAAAAGGGGGGAGGAGGAGGAGAAG CAACGGAGAGGGCCGGGAGGGGGAAGAACCGGGGGGAAGGAAGGAAAGA AGGAAAGAGGGGGAAACAGAAGGAAGGAAAAGGAAGAGGAAAAAGACGGA GGGGGCCAGGGCCGGGGGAAACCGGAGAAAAAGAAGGAGAAAAAGAGGA GACCGGAGGGAACAAGGACCGGGGGGAAAGGGGGCCAGAAACAAGGGAAA AAAAAACCAGAAAGGGCCCCGGAACCCAACAAGGGGGGGGAAAGAAACAA AA $\operatorname{A} A A \operatorname{AAAAGGGAGCCAGCCGGGGGGACGGGGGGGGGGGGGGGGAGGAA}$ ACCAAAGAACGCCGAGGGGGGAAAAGGCGAGGGGACGCACCAAGGAAGGG G G GCCGGAAGGAGGGAAGAAGGGAAAAGGGGGGGGAAAAAGGAAGCAAA A G G AAAAAGAGGAAAAAAGGAGGGAAAAACGGAGAAAAAAGGAAGAAAGG G GAAGAAAGGACGAGGGGAAGGAGGGAGAGAGAAAACCAGAAAGAGGGG A G GACACGGGGCAGGAAAAAGCGGAGAAGGAAAGGAGGGGGAAAGAAGG AA $\operatorname{A} A C A G G C C C C G A C C A C G G G G G G G G G G A A G G G G A A A A G G G G C C A G G G A$ AAGCCCCGGGAAAAACCAACAGGAAAAAGAAGGGGGGAAGAGGAAGAAAG GAAAGGGAAAGAGGGGGGGAACCGGAAAAAAAAGGGGAAAAGGAAAAGGA AAAGGAGGGGAGGGGGAACGAGGACAGGGAAAACCAAAGAAGGGGGAGG AGGGAAAGGGGAAGAGACAAAAAGAAGGAAAAAAGAGGAAGGGAGAAGGG A G G G G G G A G G A A G ACAAGCCAGGAGGAAGGAGAAGGGGGGAAGAAGGGG AAGGGAAGGAAGGAAAAGGAGGGGAAAGAGGGAAAGAGGGAGAACAAAAA GCAAACAAAAGAGGAAGGGACCCAACCAAAGCCGGCCGGTTAGGGAGGGG GGAGAAGAAGGAAGGGAGGAGAAGGGGGAGAAAGACAGAGAAGAAGGGG GAGGAAAAGGAAAAAAGGAAGGGGGGCCACCCAAGGAAGGAAGGAAGGAA GGAAGGGGAAGAGAAAAAGGAGGGAAGAGGCAACGGGGAAGGGGAGACA G G G G G G G A G G GAAAAGGGAAACAAGCATAAACCAGGGGGGAGGACGGAA AA G GTTGAAAGGAAGGGAGGGAAAAGAAACAGAGGGGGGGAAAACCGAAG G G G GAACCGGCAAAGAGAGGAAGAAGAGGACCAAAAAGCCAAAAGAGACA AACAGAAGGAGGGACCAAAAGGGGGGAAAACCAACAAAACGAGAAGAAAA G G G G G GAA G GAA G G G G GAAA G GCAAGAGAGAGGGGGGGGGAAACCGGAA GAGAAGGGGGGGAGAGGAAAAACAAGGAGAACAGGGAGAAAAAAACAAAA AAAAGAAAGGAGACAGGAAGGGAAGAGAGAGGAAGAAAAGAGGGGAAACC AAAAAGAGACCGGAAGGGAGGAGACAAAAGGGGCCAAGAGACCAGAAAGA AGAAAAGGAAAGAGGGGAGAAGGGGAAAAAGGAAGAAAGGAAAGGAGACA G G G G GAGGAGAGGAACCAACCGGAAAGAGAGAAAAAGGGCAAGGAAAGGG GAAAAAAAGAAAAAGGGAAGGAAAAGGAGAAAGCCCCGAGGAACAGGAGC AAAAAGGAAGGGGAAAAGGCCGGAGGAGGAAGGGGAAGACAAGAGAAGG GGAAGACCAGAAAGAGGGGAGGGGGGGAGAAGGGGGAACACAGGGGGGA AAAAAGAAGGGTACCGGGGGGAAAAAGGGGGAAAAGGAAAAGGGGGGCCA GACCGGAAGCAGGGGAAGGAAAAGAAAGGAGGGAACCAGAACAGGAGAGG GAAAAAAGGAAAAGGAAGGGGGGCCAAGGAAGGAAAACCAAGGCCGGGGG GAAAAAAAAGGAACCAAGGGGAAAAAGGGACGGCCGATAGGAAAGAACAA GAAAAGGGAAAGGAAGGAAAACCGGAGAACCCCGGAAGGAAGACCAACCG AGGGGGGAAAACCAAGAGAGGGACGAAGGACAAGGGGGGGGAGAGGAGG GAGAGGAAAGGGAAGGAAAGAGAAAGGGGGCCAAAGGGAAGGGAACGGC CGGGGAAAAGGAAAAGGGGAACCGGGGAAAAGGAACCAAAAGGGGAAGGG GGGAAAACCGGCCAAGGGGGGAAAAAAAAAAAAGGAAAAGGAAAACCAAA AAAGGCCAAAAAACCCCAAAAAAAAAATTGGAAAAAAAAAAAAAAGGGGAA GGAAAAGGGGCCGGGGGGGGAAAAAAGGGGAAGGCCGGCCAAAAAAGGG GAAGGGGAAAAAAGGAAGGGGGGGGGGGGTTAAGGAAAAAAAAGGCCCCC CGGCCGGAGAAGAGGAGGGCAAAGGGAATACACAAAAAGCCCCAAAGAAG GACGGCCGGGGGAGGAAACAGCAGGGACCGGAAAAGGGGCCGGTTAAGG GGAAGGGAAAGGGAGAAAAGAAGGGGCAGGGAAAAGAAAGAAGGAAAGG

G G G G A G G G A G G G G G A G G GAGGCCAGAAAAGGAAAAGCAGGGGAGGCCGG AGTTGGCCGGAACCAGAAGAAAAACCAAAAGAAAAGAGGAAAAAAAAAAA GAAAAAGGGGAATTAAGAGGAGGAAGAAGGGGGGAAGGAAGGAAGGAAAA A GAAA $A \operatorname{AAGGGGGGAAAGAGCCGGGGAACCGGAAGGGGAAAAGGGGGGA}$ GTAAAAAAGAATACCAAGGAGAGAAAGGAAAGGGAAAGAGGTTAGGAGGA AAACGGGCCCAGAAGGGGGGGGGGGAAAGGAGAGGGGGGAGGGGGAAAG A G G G GAAAAAGGGGGGAAAAGAAAGGGGAAGGGGAAAGAAGGGAAAGGG AAAAAACAAGGCCGGGGAGGAGGCAGAGGGAAGAACCGAAGGGAACCGAA CAAAAAAAAAGAAATGGTTAACAGAGAGGGAAAAGAAGGGGGAAGAATTA AAAGAGAAGGGGGGGGGACGGGGAGAAGAAGAAGGGGGGGGAAAAAACC AAGGGGAAGACCCCAGGGGGAGAAAAGAGGGGAGCCGACCAAGACAAGAC CAAAAAACGGGGAAAAGGAACCGGAAGACAAAGGCCGAGGAAAAGGGGGG GAAGAGAGAGGAAAAAAACCAAGGAGGGAACCGGAAAGAGAACCGGAAAA GGAAAAGGGGAAAGGGCCGGAGAGAGGGAAAAGGAAGGGGAAGGAAAAG GAAGAAAGGGGCCAAGGGGAAGGCCACACAAGAAACAGAGGAGCAGAGGG GCCCAGGGGAAGGAAGGAACCAACCCCAACCGGAAGGAAAAGAAGAAAAC CAAGGAGAAAAAAGAGGCAAAGGGGGGGATTGAAAAGAAGGAAAAGGAAG G G G G G A A A A G G ACGAAAAAGGGGGGGGGGAGGGAGGGGGAAAAGAAAGG AGAAAAGGAAAAAGGGAACAGGAGAAGAATGGGGCCGGAAAGCCGACCAA GGAACCACAAAAGAAACCGAGAAGAAAGGGAAGGAAGGAAAAAAGGAAAA AAAAGAAGGGAAGGGGGAAGAACCAAGGATGGGGGGAAAAGGAAAAGGG GCCAAGGCCAAAGGAGAGAAAGGAAGGAAAAGGAAGGCCAAGGGGGGAAG AAGCCAGAAGAGGAAACCCGGGGAGAAGACCGGCGGGAGAAGAAAAAAAC CAAGGGGAGACAGAGAAAAGGGGAGCACAGAAGGAAGAAGGGAAGGGGG GGGGCACAAAAAGACCCCGGGGAGAGGGAAAGGAGGGGAAAAAAGGGGCA AGGGAAGAAAACAAGAAGAGGAAGAGGAAAAAAAGGCAGACCGGAGGACC TTGGAACCAAGGGGGCAAGGAGGGAAAGAAGGGGGGGAACAAGGAAAGTT AAAGGGAGGAGAGCCGGAAAGAGGGGGGGGAACCGGGGGGGGAAGGGGG GGGAAGGAAGGGGAAAGGGGGAACACCAAGGGGGAGGAAGGGGGGGGAA AAGGAACCAAGGCCTTCGAGAGAAAGAAGGAGAAAAAAAAGGAAAGGACA GAGGCCGAAAAAGGGAAACGAAGGAGGGAAGGAGAAGGGGGAGGAAAGA AGAAGAGAGAAAGCAGGCAGGAGGGGGAGAAAGAGGGGGAAGGCCGGAG AAGCAAGAAAGAAAAACAGGAAGGAGAAAATTTAAGAGGAACAAGGGGGG GGGGAAGAAAAGGGAACCAAAAGGAAAAGGAGCCGAAGAAAAGACCCACC AAAAAAAAGGAATTAACATTGGGCAACCGGGGGGGGGGGGAAAAAAGGGG AACAGAGAGGAAAGGGAAGGAAAGGAGGGGGGGGCAGGGAAAAGCCAAG GAAAGCAGGGAAAAGAGGGAAGGGAAAAGAGGGGGAGAAAAGGGGAAGA ACGGAAGGTTAGAGAAAAGGGGGGGGAAGGGGAGCAAGGGAGAGGGGGC CAAAGAGGGAGAAAGAAAAGGCCCGGGGACCGGGGGGGGGGGGGGCCGG GAAGGGGACCGCCCGAAGAAAGGAACCAAAAGAGGGACGAAAGAACAAGA AAAAAAAAGGAGAGGGTAAGAGGAAGAGACAAGGAAAAAAGGGAAGAGAA AAAAAAAAGAAAAGAAGAGAAAGGAAGGGGGAAAGGAAATAAGAGGGGAG GAAAGAGAAAAAAAAAGGAAAAAACCCCGAACAGAAAAGGAAGGGGAAGG GGAACAGGACAGCCGAGAAAAAAAAGAGGGGGAGAGACGAAACCCCGGGA AGAAAAAACCAAAACCGGAGGGGAGAACGAAAACGGGGGGGGGAAGAGGA AAAGCGAAAACAGAAAAAGGAAAACAAAGGGGGAACGGAGGGATCGGGGA GACGCCCAAGCAGAAAGGAACCAAGAGGAAAAGGAAGGAAAGCAGAAAAG G G G G G G G G A A A AAA A A $\operatorname{AAA} A \operatorname{AAAGGGGGGGGAGGAAAGAAAGGAAAGAAG~}$ GAAAGGGAAGAAAAATAAAAAAAAGGAGGAGGCGGAGGGAACCGAAAAAA A G A G G G G A A A A A A A G G G G G G A A A AAA A GCCGGGGGAAGAAAGAAGGAGGG GGGGAAGGAAAACCGGGGACTAAAAAAAGAAAAGAAAGGAAACAGGCAGG AAAAAAAAACCCAGGGAAACGGGGAAAGACACGGAGGAAGGGAAGGAGGA AAGGAAAAAAAAACAAAGAAAGAGAGGAGGCCACGGGAAGCCGGTAAAGA G G G G G A G G G G CACCGGGAAGAGCCAGAGCAAAAGAGGGAAGGAAAAGGC CCCGGGGGACCAACCCAAAACAGAACCTAAGAGAAGGGAGAGGAAGGGGG AATAAAAGGAGGGAGAAGGGGGGCCGGGAGGAAAAGGGGGGAAAGACGG GGGGAAGGAAAAGAGAGGGGGGAAGGGAGAGAACAGCCAAGAGGGGGGA AAATTGAACGGAAAACCAGAAGGGGAAGGGGAAGGCCAAAGGAGGAAAAA AGAAAGAATAGGGAGAAAGACAGAAAGAAAGAGGACCGGGAGAAAAGGGA AGGAAAGAGGGGGAACCGGAGAAAAGGGGAAGGGGAAGGGGACAGAAAG GAGAGGGGGGAAGGGAAAAAGGGAAACCAAGGGAAAGGGGGGAACCAAG

GAAAAGGGAGAAAAAAAGAAGAGAAGACACCAACCGGAAAAGGGGGGAAA AGGAAAAGGGGGGGGAACCGGGGGGAAAAGGCCGGGGAACCGGAAAAGG AA $\operatorname{A}$ GGGGGGGGGGGAAAAGGAAAAAAAAGGGGGGAAAAAAGGCCAACCG GAAAAGGAAGGGGAAAAAAGGGGAGAAAAAAGGGGAGGGGGAGAAAGAG A GCCAGAAAAGGAGGGGGGCGGGGAAAGGGAAGGCCGGGAGGGGACAAA TGAGAACTAGGGAGGGAGGGGACGGAGAGAGGGGGCCGAAAAAAGAGAG AAGGAAGGAAAAAAAGACCCAGAGCCGGAAGGGGAAAAAAGGCCGGAAAA AAAAGGAGAAGGGGGCAAGAACCAGGGGGGCCAAGCGAAGGGAGGGGGA GGGAGAAGGACGGAAAGAAGGGGAGAAGGAACCGAAAGGGGAGAAAGCCA GAAGGAGAAAAGGATGGAGGACCAAGGAGAGAGGGACCGGGAGACCCAAA CAACCAAGGGGGACAGGGGGGAGGGAAACTAAAAACCCCAGAGGAGGAAA AGGCCGGGAGAGGAGAGGAAAAAGGAAGGAACCAGGAAGAAGGGAAAGG GAAACCCCAAGAAGGGGCAGAAAAGGCCGAGAGGGAGAGAAGAAAAACGG ACAAGACCGGGGGGGGCAAACCAAACGGAGAAGGAAAGAAAAAGCCGGCA AAGACAGAGGAAGAAGAAAAAAGGAAGGAAGAGGGGCCGGCACCAAGGAA GGAGGGGAGGAAAGGGGGGACCGACCAGAAGGGGAAAGAAAAGGAAACG GTTAAAAGAGGAGAGAAGAGGAAAAAGAAGGGGGGAGGACCGAGGGAGG GAGAGGAAAAAGAGGCAGGACCAAAGAAGGAGAGAGAAGGGAGGGGAAAA GGGGAAAAAAAGACAAGGCCGGGAGAGGAAGGACCCGGAGGGGGGGAAA AGGGGAAGGAACCAAAAAGAAAGGAAGCCAGGGGGCAGAACGGCAAAAGG GCCACAGAGGAGAGAGACGGGGGGAAGAGGGAAGGAGAGAGGAAAAGGG GAGGAAAAGGAGGGAAAAGAGGCCAAAAGGAAAGAAGGAAGGAAAGAAAG AA G G GAGGAGAAAGGGACGGAAGAAACAAGAAAAAAGGAAAAAAGAGGGG AGCAGAAAGGCCAGAATTGCAGGAACGGGGAAAAGGAAGGAATTAGAGGG AGAGAGAAAGGGAGAAAGGGGGAGCCGGAAGAAAGACCGAAGAGAGGAAG AA $\operatorname{l}$ GGGGGAGAGGAAGCGAGAAAAGGACAAAGAAAGGAAGAAAAGGAAGA GAACAGGAGGAAAAGGAGGGGGGGAAGAAAAAGGCCGGGGAAGGGGAAG
 GGGGAAGGAAGGAAGGAAAAGGAAGGGGGGAACCCCGGGGAAAAGGAAG GCCCCGGGGAAGGGAGAAGGAGGCCAAGAGGAAAGAAAGGAGAGAAAAAG GGGACCCAAGGCCGGGAGGAGGGGGAGGAACGGCAAAAAGGCCAGGAGG AAGGGGAAACAGAAAAAAAGAAAAAAGGGACCAAGGCCCCAGAAACAAAA AA G GAAGGGAAAGAGGGAGGGGGAGGGGAAGGAAAAGGAAGGCCGGAAA A G G G G A A A G A G G A GAA G G G CCGGACGGGGAAGGGGCCCCGGGAAGAGGG G G G GAA G GACGGCCGGCCGGTTGGAAGGAAAAGGGGAAAACAGGAAGGG GCCATAGAGAGAGGGGGGGAAGGAAAGCCGAAGCCAAGGGAAATTAAAAA AGGAAGGAAGGGGAAAAAAGGAAAAGGGAGAGAAGAACCCCCCAAAACCG GAAGAGGAAGAGGAAGAAAAAGGGACCAGAGAAAAAGAGAAAAAAAAAAA AGAGGGGAACCAAGGCGAAGGGAAAAAGGAAAAAGGGAACCGGAACAAAA GGAAGACAAAGAAAGCAGACCGGGAAGGGAGGAGGAGCAGGGGGGGGCC AGAAGGAAGGGAAAGGAAAAAGGAACAAAAAGAAGGAAAAAAAAGGAAAG ACAGGGAAAACCAAAAGAGAGGCAGACAAGGGGGGGCCAACCGGAAAAGG GGGGCCAGGAGAAAGAAAGGAAAAGGGACCAAGGGGGGGAATGAAGCGCC AGAGGAAACCGGAGGGAAGGGGAGGGAGAAAACCAGAGCACAAAGAAAGG GGCGGGGAAAGAGGGAGGGGCAGGAGAGAAGGAGGGGGCCGGAAAGACG ACAAAAATTGACAACAAAACACCGAGGGAAGGAAAGATAAAAGGGAAGGA GGGGGAGACGAGGAGAGGGAGACCAGGAACACCGAGAAGAGGAAAGCGG AGAGCCCAGGAAGGGGAAAAACGGAAAAAAAAAAGGGAAACCAGAGAGAG AA G G AA G G G G G G GAGAGGGAGGAGAAAACCAAAAAGAGGGAGCAAAAAGG GAGGAGGAAGAGGAGGAAGGGAAGAAGGAAAAAGGAAAGGGGGGGGAAG G G G AA G G A GAAGAAGCAAAAGAGGAAAGAACGGGGGAGAAGAAAACCAAG AAGGGGGAAGGGGAACCGAAAAACAAGGGCGCAGAAGAAGGAAGGGGAAA G G G A G G A G G A G ACGAGGGGAAAATTAGGGGGGAAAGGAAAAGGAAAAAA GAGGAAAGAGAACAACAAAAAAGGAGACAACGCCAAAGAGAAGACACCAG A G G G G G G GAAAAGGAAGGAAAAAGGGAGGACCGGAAAGAGAAGGGGAAG GAAGGAACCGGAAGGGAGGAAGGAGAAGGGAGATTAAAAAAGAGGGGGGA AAGAAAAGAACAGAAAGGGGGAGGATACCCAAGGAAGACCAAGGGAAGGA AAGGGGAAAACCAAACAAAGGAAAAAAAGAGGAGAAGGGAAAGGAGCCAG AATTAAGGGGGAGGAGAAGGAGGGGGGAAAGGAGGGAGAGGGAAGCAAA CAACCGGAAGGGGAAAGAAAGGAAGGAAGGAGAGGGGGGGGGGACAAAA GGACAAAAAGAGAGAGAGAAAAGAACGAGGGGAAGGCCAAGAGAGGCCGG

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G G AAACAGGAGAAAGGAGAGGGGGGGGGAAAGAGAAAAAAGGAAAAAAGG GAACCCAGCCGGTTAAGGAAAAGGCCAGGAAACCGAAAAGCAAAGGCCGG GGAAAGGAAGAGGAAAAAAGAGAGAGGGGAAAAGGGAAGAAAAGCCGAAG GAAGGAGGGGAAGGTTGGCCAAGGAAAGCCTTCCGGACAAGGAGAGGGGA AGAAGGGGGGAGGGCAGAAGGCCAGGAAAAACAGAGGGGGCAAAAAGGAA AAGGAAGGAAAAAAAAAAGAGAGGAGAAGGAAGACCAAGACAGGCCGAGG GAGGCCAAAAAGAAAAAAACACAAGGAGGGAAGGAGAGGGGGCCAGAAGG AGAAGAGGAAAAAGAAAACCAAGGAAGAAAGAGGGGCAAAAAGGAACAGG G GAGCCAAAAGGAAGAGGCCGGCCAGGGGGCCAGAAGGGGCCGACCGGAA GAACCCAAGGCCAAAAAAAAAAGACCAAAAAAAAGGCCAAGGGGGGAAGG GGAACCAAGGAAAAAACCCCAAGGAACCAAAAAAAAAAAACCGGGGGGAA GGGGAAAAGGCCAAGGGGAAAAAACCAAAAAAGGGGAAAAAAGGAAGGAA GGGGAACCGGAACCCCAAGGAAGGCCAAGGAAAACCGGAAAAGGGGGGAA GGGGGGCCGGGGAAGGAACCAAAAGGCCGGGGCCGGGGAAAAAAAAAAG GGGGGAAGGTTGGAAGGAAGGTTGGAACCAAAAGGGGAAAAGGGGGGGG AA G G G G G G G G G GAAGGAAAAAACCGGAAAAAAGGGGAAAAAAAAAAAAGG CCAAAAAAGGAAGGGGGGGGAAGGGGAAGGCCAAGGAACCAAAAAAAAGG G G G G G GAAAAAACCGGCCCCGGAAGGAAAAGGAAGGAAGGGGGGAAAAAA AA G GAAGGAACCAAGGCCGGGGAAAACCGGAAGGAAGGAAAAGGGGCCGG AAAAAAGGAAGGAACCCCAAGGGGGGAAAAGGGGAAAAAACCAAAAGGGG AAAACCAAGGAAGGCCCCAACCCCCCAACCAACCGGGGGGGGAAAACCAA G GAACCAAGGGGAACCGGGGAAAAAAGGGGAAGGGGGGAAAAAAAAGGCC AAAAAAAAAAAAGGAAGGAAGGGGCCAAGGCCCCCCAAGGGGAATTGGAA AA $\operatorname{G}$ GGGGGGGGGAAGGAACCGGAAAAGGAAAAAAGGGGGGAAAAAAAGG GAAAGGAGAAAGGAAGGGGAGGGAACAGGGGGAGGGGCCAAGGGGAAAA AAAAAAAGAGAGAGAGGGAAAAAAGGAACCAAGGAAGGGGGGCCAAGACC GGGAAAAGGAGAAAAAAAAACAAAGAGGAAACACGAGGAAAAAGGAAAAA GGAAAGGAGGGAAAAAGGGAGACCCCCCGGCCGGCCGGAAGGGAGGGGA AGAGAGAAAGGAGAGAAAGAAGGAGAGAAGAGAGAAGGGAAGGGGCACCC AAGAAGACCAGGAGGGAGGGACAAGGGAAGGAGCCTTAGGAAGCAAGAAA AGAAAAACCGGAGAAAAGAAAAAAGGGAAAGGAGAAGAAGACAGGCCGAG G GACAAGGGAAAAGGGGCCGAGGAAGGAAAACCGGCCGGGGGGAAAAAAA ACCCCGGGGGGAAAAAGAGAAGGGAGACGACACGGAGCCAGCAGGGGCCA ACCGGAAAAGGAGAGAAGACAAAAAAACCAAAAAAGGAGGAAGGAAACGG GAGGGAAAAGGAGGGGGCCAAAAAAAAGGAAGGAAAAGGAAAAGGAAGGG ACAAAAAGGGGGGCCGGAGGGGAGGAATAGAGGGGGGAACCAGGGAAGG GGAAAAAAGGAAAGAGCCGAAAGGCCAGAGAAGAAGGGAAAAAGAAAACC AAGGGGAACCGGGGGGAAAAGGAAGGGAAAAAAACCCCAAAAAAAGAAAA AGAAGGCCAAGACCAGAATAGGCCGGAAAAAAGAAAAAAACCGGCCAAAA AGAAGGGGGGGGAAGAGGAGGGCCGAAGAGCCGAAAACAAGAAACCAAGG GGAAGGAAGGAAGGCCCCAAAAAGGGGAGGAAGGGGAAGGAACCAGCAAG TTAAGGCCGGGAAGCCAAGGAAAGAAAAGGAAGGGGGAGAGACAAGAGCA AGAACCCGAACCGGAACCGGTTTTGGTTCCGGAAAGTACCAAAAGGAACA GGCCGAAAGGAAAAAGCCAAAAAAAGAGCCAAAAGGAAGGAGAGAGAAGG AAAAGGGGGGGAAGAGGGAAACGGGGAGCAAAAGAAAAAGCCACCAGGAA AGAAGGGGGCAAAAAGAACCGGGGGAAAGGGAAGAGGAGGAAGGAAAAGA AGAGAAGAGAGGAAAGGGAGGAAAAAGGAGAACACCACGGAAGAACGACC ACGGAAGGAGAGGGCCAGGGGGAAAGAACCCCGGGGAGCCGGAAGACCG G GAAAAGAAGGAGGGGAGGAAGGAAGGAAGAGGAAGAACGGGGAGACGG CCGACAACAGGAAAGGCCGGGGAGACAGAAGGAAAAGGGGAAGAAAGGGA AAAACAAAGGAGAAGAGGCAAAGGAAGGGGGGAATTAGGGCAGGAAAAGG GGGGGGCCAGACAAGAAAAGAAAAGAAAAAATGGCCAGACAGAAGAGAAA G G G GAAA GAGCCAAAAGAAGGAGGCCAAAACCAGTAGGAAGAGGGGGGGG GGGGAAAGGGAAAAAGGAGGGGGAGGGAAAGGGAAAAGGGGGAAAAGAG GAACCAACCGAAGAAAAGAAGGGGAGGGAAGAGAGAACGGGTTGGAACAG GAAGGAAAGGGAGAAGACAGGAGGGGCGGAGGGAAAAAACCCCAGAAGGG GAA $\ln A A G G G G G A G G A C C G G G G A A G G A A A A A G G G A G G G A A G G G G G G A G A G ~$ AGGGAGGGAACCGGAAGGGGACAAAAGGGGAAACGGCCGGGAGGAAGGA A G G A A G G G G G G G A G GAA G G G G G G G GAAA $\operatorname{AAAACGGGGAAAAGGGGAGCC~}$ AGGGGGAGGAAAAAGGAAGAGAGAGAGAGGGGAGAAGAAAAAGGAGGGA GCCAAAAGGGGAAGAGACAAGGGAACCGGGAAGCCAAGGGGAAAAAAAAA

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A GCCAGGGGGGGGGAAGGGGGGAAAGGATAAGGAGAAGGGGAGGAGGGA AGGGAGGAGAAAAAAAGAGAGGGAAAAACCAAAGGCAGGGAAGGAAGACA A G G GA $\ln$ ACAGAGGGAGGGAGGAAGAAGCAAGAAAGAGGAGAGGGGAGGA AGAGACGGAGGGAAAAAAAAAAGGGGAAAAAGAAAAGGAGGAGGGGAAAA A GAAAGGGAGGAGAAGAGAGAGGGAGGAGAGGGGGAAGAGAAAGGGGGG G G G G G ACACACAAGGGAGGGGAACCAAAGAGAGAAGAAAAGAAGGAAAGA GGAAAAGAAGAAAAAAGCAAAGGAAGGAGGGCAGAGGAGCAACAAAAAAA AGAAAGGAGCCAAAAGAGAGGAAAAAGAGGGAGGAAAGGGAAGAAAGAGG AACGGAAAAAAGGGGAGGGGAAAAAAGAGAGGGAGAGAACAAAAAAAGAG A G G G GCCGGGGAAGGGGAAAAGGGGAACAGGAACCGGGGAAAGGGCAGG GGAAGAAGGAGAGACCGAAAAAGAAGAGAGAGGGCAAGGAGAAGAGAAAA AGAAGGGGGGAGAGACCAAGAAAGAGGAGGACGGAGAAGAAGAAAAGAAG GAGGAAGAGGCAGGAGAAAGAAGGGGACAGGAGGAGAAAAGAAAGGGGG GAACCGAGAAACCGGAAACAGACAGACAGGGAACCGGGAGAAAGGAGGAA CAAAGAGAAGACAACGGAGCCAGGAAAAAAGACGGAAAGAGCAGGGGGAA CGGAGAGGGAGGAACAGAGGGGACCACGGGGGGAAACGGAGAAAGGAGA GAGGCCAAAACCGGAAGGAGAGAAAGAAAAAGAGAGAAGGAAGGGGAAAG AA G GCCCAGGGGAGAACCGAAGGAGGAAGGAGGAAGCACAAAGGGGGAAA AAGACCGAAAAAAAAAGGAGATAGCGGAAGAAAAAAAGAGAAGGAAAAGC CCAAAAGGAGAGGACAGAGGGGAGAAAAAAAAAAAAAAAAGGAGAGGGAA G G G G G G G A A GAAAAAACCGGGGGGGGAAGGAAGGGGAAAAGGGGGGGGG G G G AAAAGAAAGAAAAAGGGAGAGGGGAAGGAAGGACAAAAAAGGCCGGA AAAAGGGGACAAACCGGGGAAAAAAAAGAAAGGGAGGAAGGAAAGGGAGG GAGGAGGGGGGAGAAAAAAAAGGAAAACCAAGGGGGGAAAGGAACAACCA A $\operatorname{G} \operatorname{GG} \mathrm{G} G \mathrm{G}$ G GAACAGGAGCCAGAGGAGAGGGAGAAGGGGAAGCCAAGGAA ACCGAGAGAGACAGCAGAGAGGGACAACAGGAACACAGGAACAAAGGAAG AGAAAGATAGAAGGAAGGAAGGAGGAGAGGGAGGAGGGGGAAGGGGAAA AGGCCGGAAGGAAAAGAAGGGAGGGAGGAGAGGGGGGAAGGAAGAAGAG AAAGAAAGGAAAAAGGGGGACCACACGACCAGGGGAAAGGAGCCAATTAG AGGAGGGAAGCAAAAAGGGGAGGAACAGAAAGAGAAGGGGGGGGGGAGG GCCAAAAGGCCAAGGAAAAGGAAAAAAGGAACCGAGGAAAAGGAAAAGGA AAAAAAAGGAAAAAAAACCCCCCCCAACCAAAAAGGGGGAAAAAGAAGGG G GAGGAGACGGAAGAGGTAACGGGGGGCCAAGGGGGACCCCGGAGAGCA GAGGAGAGTTGGAACCGGGGAAGGGGCCCCGGGGAAGGAAAAAACCGGCC AAAAGGAAAGGGGGGGGGCCCCGGCCGGACGGAAGAGAAGGGAGGAAAG GCCAAGGAAGGAAAAAAGAGGAAAAGAAGAGGGAAGGAAGGAAAAACAAA AAAAACCAGAGGGAGGGAGTAAGACAGAAGGAAGGGGGGAAAAGGAAGGG GGGAAAAAGAGGGAAAAGGAAGGCCAAGGGGGGAAAAGGGGGGCAGGGA CAAAAAGGGAAGGCGCGAGGAAAAAGGGCAGAAGAAGAAAAAGGGGAAAG AAAAAAAGAGGGGGAGGGAAAAGGAAGGGGAAGAGGAGAAAAGGAGGGG G G GCCAGAAAGGGGAGGGGAAGGAAGGGGAAGGAGAGAGACACGAAAAA GAAGGGAGGGGGGAAAAGGGGAAAGATTGATAGGAGAGCCAGGGGGAGG GAACCACAGAGGGAGGAGAGGAAGGGAGGAAAGAAGAAGACGGAAGGAGA GAACAGGGGCCCAGAGGCCCCAACCAAACAAGGAAGGGAAAGAGAAAGGC GAGCAGAGAAAGGAAAAGGGACAGACCACAGCCGAGACACACAAAGGCCG GAAAAAAAAAAAAAAGGGGAACAGAGGGGAGGGAACAGGGAGAACGAAGA AGGCCAAGGGAGGAAAGGGAACAGGGGAACCAAAAATCAAGGGAGAAAAG G G GCCGGGGAAAGAAGGCCAGGGCAGGAGAAAAAACAAAAAGGAAGGCCC AA G GAACGAAGAAGGAAAAGGGGGGGGGGCCGGACAAACAGGGCCCCACA AAAGGGAAGAGAACCAAAGGAAAGGAGAAGGGGGGGGCCGGTTGGAGAA G G G G G G G G A CAGAGAGAAGGGAGAAAGGGGCCAAAACCAGCAGGGGGGA AA $\operatorname{A} A A G G G G G G A G T T A G G G A A A A A G G G G A G G G G G G G G G G A A A A A A A G A G$ AGCCGGAGGAAAGAGGATGGAGGGCCAGCCGGAAAGGGAGAAGACCGACA AAAAAAAAAGAGAGAAGGGGGGGAAGGGGAGAAAAAGGGGCAAGAGGGA GAGGGAGAGGAAAGAAGACGGGGAAGGAAGAAAGGGGAGAGAAGGGGAG ACGGGGAAGAAAAAGGAAGAGAAAACAGGGGAGGAGAAAAGGCCAAAAAA CCAA G G GAGGGGGACCGGAGCAGGGGAGAAAAGGGGAAGGAAAAGGGGG G G GAAAATTGGAAGGAAAATTGGGGGGGGGGGGGGAAAAGGAAGGTTCC GGAAAAGGAACCGGAACCGGGGGGAAAAGGGGGGCCAACCGGGGAAAAG GAAAAAAAAGGCCGGAAGGAAAAAAGGAAAAAACCCCGGAAAAAAAAGGA AAAAAGGGGAAAAAAAAGGAAGGAAGGCCAAGGGGGGGGCCAAGGAAAAA

AAAATAGGGAGAGAAGGACGGCGGCGGGAAGGGAAAAGGGGGGGGAGAC AA $\operatorname{A} A A \operatorname{AAACCGGAGAGAACCGGGGGGGGAGGGGGAGCAGGAGGGGGAAT}$ TCGGAAAGAGACCAAGGGGGGAAAAAAAACCACAGAGGGGGGAACAAGGA AGGAAAAGGCCAGAAGGGGGAGGGGCCGAGGCCGGCCCCGGGGGGAAAA A GAAGACCGAGGAAGGAGGGGAAGCCGGAAAACAGAGGAGCAAACCAACC TTCCGAAAGAGAAGCCAAGGAACGAGGAGGGAACAACCAGAGAAAGACAC AA $\operatorname{GAGGGAAAACAGGGGAGGAGGGACGGCCACAAGACCGGAAAGCCCAAA~}$ GAGGAAGGAGGGAAGAAAAACCAAAATTAAGGGGAAGAAAGAAACCAAAA G G G G G G ACACGGGGCCAAAAGGAAGGAGGGAACAAACCGGCCAGGGGGA G G GAA G G GAAACCAGGGGGGGGGGGGAAGAAGAAAAAAAGAGGGGGGAA GAGAAAAAGGAAAAAAAACAGGTTAAAAAACCGGAAGGAAAGGACGCAAA AAGAGAGAAAAAAACAGAAAGAAATTCAGGAAGAGAAAGGAGGAAGAGAA AATTGGGGGAAAAGGGAAAAAAGGAAAACCAACCAGCCAAAACCGAAGGG AAAAGGGGCATTGAGGGACAGAAGAGCCCCAAAGAGGGAACCGAAAGAGA GACCAAAACAGGAGAAGAAGGACACGAAGGGGAAAAAAGGCCAAGGAAAC AAAAACCCAAAGGAAAGGGGGGCAGAAGGGGAAGAAGGGGAAGGCACCAA AAAAACGAGGGGAGGGGAACAGGGAGAAGGGGAAAAAGGAGAAGGAGACC AACCAA G G G G G GAA G GCCAGAAAGAGGCGGAAGGGGAAGGAAGAGGAAAC GGGAAAACGGACGAAGAGAGAAGGACGGGGAAGAAGAACCAGGAAGGGCC GAAGGGGGAAAAGAGGGAGAGGCCCCAAGGAAGAAAGGGGGGTACCGAG AAATAGGGAGAAAACAGACAAAAGGGAGAGAGAAAGAGGAAGGGAAACCA
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G GCCGGAAGGGGAAGGAAGGAAAAAAAAAAAAGGCCGGGGAAGGAATTGG GGAAAAGGGGGGGGAAAAAAAAAAGGCCGGCCAAGGCCAACCAAAAAAAA AAGGAAGGGGAAGGGGAAGGAAGGAATTGGCCAACCAAGGAAAAAAAAAA GGTTGGCCGGAAAAAAAAAAGGAATTCCGGAAAAGGAAGGAAGGGGCCAA GGCCCCAACCGGGGAAAAAAGGGGCCAAGGAAGGAAAAAAAACCAACCAA AAAAGAAAGGAAAAGATTAAGGAAAAAGCCGAAAAAGGCCAAAAGAGGGG GAGCCCGGATGAAGAAGAGGACGGAGGGGGGGGAGGGGACGAAAGAGGA AAAAAAGAGGAGAAAAAAAAAGAGAAAGAAGGGCCGGGAGGCAGACCAGC AA GAGGGGGGGGGACAAAGTAAAGGCCAAGGGAAGAAGGAACCGGAAAAA ACAAGAGAGGGAGAGCGAGGGCCCCGAAGGAAGACCCAAGGAGCAAAAAA A GAGGGAGGGAAGGGAAAGGAAAGGGGGGAAGGGAGAAAAAAAGGGAAA GGAGAAGGGGAAGAGGAAGGGGACAGCCGGAGCAAGAAGGAAGAGAAAG GGGAAAGAAGAACGGACAAAACCCCACGGCCCCAGCCAAGGGAAGAAAAA CGGAAAGGACAGGAGAGAAGGAGAGAAGGAGGACCAGGAGGGGAAAAAGA CGAAAAAGGAAGAAGAAAAGGGGGGGGAAGAAGGGAAGAAGGGGGCCCA G GAGGGGAGGGGGAGGGGAAAGGGGAAGGAAAGGGGGGGGGGGGAAGGG GAAAGGAAGAAAAGAAGAGAAAGACCGAGGGGGGGAACCAGGGGGCAAAA ACCTTAAGGGGAACCAAGGAAGGGGAAAATAGGAAGAAGCCAAGGGGAAG GAAGGGGGGAAAAGGAGATGAAGAAGAAGCAAGGGGGAGCCGGGAAGGA AA $\operatorname{A}$ GAGGGAAGGGGAAGGGGGGAAACGGGGGGGGGGGGCCGAAAGAGAG G G A G A GAA A A G G G G G GAGGGAGAAACCAGGAGGGAGGGGGAGGAAGAAA G GA $\operatorname{l}$ GGAACGCCGGAGGGGGGAGAAAGGAGCCAAGAGGGGAAGGGAGGG GAAATCCAAAAAGAGAAGGCCGGGGGGGGAAGGGGAGAAAGAAGGGAGG AA G G G G G AA GACAAGGAAAAAAAAAAGAGGCCAAAAGAGGAAAAAAAACC G G G GAGAAGGAACCAAGAAAAGGGAAAGAGAACACCAAGGAAGGGAAGGG AGAGGGGGAAGGGGAAGAAGAGGAAGAGAAGGGAAGGGGGAAGGGAAGC AAAGGGAGGTTAAACGGCCAAGGAGAAAAAAAAGGGGAAAGGAAGGACCG GAACCAGCAAGAAGGGAGAGGGAAAGAAGCCGAGAGGGAGGGAGAGGGG AAAACCTTAAGGAAAAAAACGGGGAGGAAAGACCACAGGGAGAAGGAACC AGACAAAAGGAAAAAGGGAAGGGGAAAGGGCAAGGAGAAAGGGGAAAAGG AAAAAAAGGAAGAGGGGGAAGGGAACGCGCAAACAAAACCAAGGCGAAAA GGGGCCGGAAACAAAGAAGGAGAGAGGGGAATAGAGAAGGAAAGGGGGA G G G ACCCGGGAAGAAACAGGGGACCGGAAAAAACCGGAGGAACGGAAAAA GAACCAAAAGAACAGAGATAACCGAAAAGAAGGGGAGAGGACAGGGAAGA AAGCGCCAAGAGAATAAGGAGGGAAAAAGAAAAAGAAGGAACCAAAAAAA A G G CAGGAAGAGAGGGGCCAAGACCAAAAACGAAGCGGGGAGGGGGAGG G GAA $\operatorname{A}$ GGGAAGGGGGGGGGAGACCAGGGAAGGGGTACAGACAAAAGAAG GAGGGAAGGGAGAAGAGAGGAGGGGACGACCGGAAAAAAAGGAAAGAAG GGAAGGGGAGAAGGCCAAAAAGGGAAAAGGGAGGAAAAAAAGGGGGAGG GAGAGACGGCCAGAGGGAAGGCAAAGGGAAGGGGACCAGAAGGAAGAAGC AAAAAAACCAGGGGGGAAAGGCAGAAAAAGGGAGAGGAGAAAAAAAAAGG AAAAAAAGGGACCAGGGCCGGGGAGCCAAGGGGCCGAGGGGAAGGGGAG AA GAGGAGGGAAAAAACCGGCCAAAAGGGAGGGGGGAAAAGGGGAAGGG GAAAAGGCCGGAAAAGGAGGGAAAGGAGGAGGGGGGGAAAAAAAAGGCA GGAGACGGAGAACCAAAAAAAGGAGGCAAGAAAGACAGCCAAAGGAGGCC AACCAAGAGAAACCGGGCACGGAAGAAGGGAGCAAAGAAGGAGAGGGAAA AAGGAACCACGGAGAAAAAAAGAAGGGGAAAAGGACAAGGGGGAGAAAGG GGAAAACAGGGGGAAAAAGAGGTTGGAAAGGAGAGGGGAAAGAGGGAAG GAAAGCAGGAGGGGGAGGAAGAAAAAAAAGGGGAGAAGGAAGAACAAACG GCCGGACGAAAAAAGGCCCAGCAAAAAGGGGAAAAAAAGGAAAAAGGCCA AGGGACACCGGAAAGAGAAGGGGCCGGGGCCGGCCGAGGAGGGGGGGGA AGAGGGAAAAAAAACCGGGGAAGGAAAGGACCGGGAAGGGAGAAGGGGA GAAAAAAAAAGGGAAAAATAGAAAAGGAAGAGAGAAAGGGGAAGAAAGAG GGGAAAAAGGAGGGAGAAGAGAGAGAGAAGGAAGGAAGGAAGGCCGGGA AAAGAACAGAGGAGGAAGCAAAGGGGAAAAAACCGGAAAAAGAGGGGGAG AAAGCAGACCAACCAACCGGCCGGGGGGGACCAGAAAGGAAGAAGGAACC AACCCCAGAGAAGAACAGAGGAAGAAAGGGGAGGGGAGAAGAGAGGCAAG AAAGCCCAAATAGGAAGGGGCACCGAAAGGGGGAAGGGAACCGGGACCGG ACGAAGAGAGGGGGAGAGACCCCCACAGGGAAAAAGAAGGCCAAGGGGAA GGAAAAAAGGAAGGCAGGGGGGAAGGGGAGGGAAGAGAGGAAGGGGAGG GCCAGAGCCAGAGAAAAAGCAGGGGGGAAAAGGGGGGAACCGGAAAAAAA

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$22036000-9$ GA G G G GCCGGGGGGGGAAGGAGAAAAAAGGGGAAAAGGAACC CCCCAAGGAGAGCAGGAAGGAAAGCCAAAAGGAACCGAGAAGGGGAGAGG

AACCAGAGGAGGCCGGGGCCGGGGGAGGCCAAGGAAAGAGAAGAAGAGAA AAAAAGGGCAAAGAAGGACAGAGAAAGGAAAGACGGGGCCGGAGGGGGAA AA G G GAAAAACCAACCGGCCAAAGAAGAAGAGAAAAAGGGGGACGGCCGG AAAGGGGGGGAGGGGGGGGGGGGAAAGGGGCCGAAAAAGGAAGGGGAAA AGGGACCAAAAAAAAAGAACCGGGGGGAAAGAAAGAAAAAAGAAAAGAGG A G GAGGAGGAAGGAAGGCCGGAGGGAGAGAAAAGGAACCGAGAGGGAAA G GAA G GAGACGACCAGGAAAGGGAGGAACCGGCACCCCGGGGAAGGGGTA GGAAAAGGATAAAGAAGGGGAAGGAACCGAGGAAAAAACATTCCGGAGAC G G G GAA GAGGAAGGGAGGAAGAAAAAGAGGAAAGAGCAGAAAAGAAGAGG AA G GAAAGGAAGGGCAAAGGGGCCGGAGGGAAAACCGGAAAAAAACAACC GGACGGCAGGAAAAAAGGAAAAGAAGGGAGGGAGGAAAGAGAAACCGAGA G GAGGAGGCCAGGAAGAAAAGAAGGGAGGACAGGAAAAGGAGAGAACCAA AGCAGAGAAGGACAAAGAAGGGGGAACCGCGGAGGGGGGGAAGGAAGGC CGGAAAAAAAAAAGACAGGAAGGGGCCAAGGGAAGGGCCGGATGGGGAAG GGGAAAACCGGGGAACCAAAAGGAACATAAGCCGAAAGGGGGGCCAAGGA AGGGAAACCGAAAAAGGAACCGGGGAAGGGGCCAACCAAGGCCGGAACAA AGGAAAAGGAAAAGGAAAACCGGGACAGGCAGGGAAAGGAGGGGAGGGG G GAA $\operatorname{l}$ GGAGAGGAGGAGAGCAAGGGAAAGAGGAGACCAGAGGAACCGGG ATAACAGGAGGAAGCGAGAGAGGGGAAGGGGGGACGGGGAAGGAAGGAA AAGACCGAGGAAAGATAAAAAGGGGGAAAACCAAAAAAAACCGAGAGGAA G G G AA G GAGACCGGGGAAAAGGCCAGAAAACCAAAGGGAGAAGAAGAGGA ACAAAAGAAAACGGACGGAGGAGGAAGGGGAAGGGGGGGGGAGGGGGAA CGGCACCCAAGAGAAAAGGAAGGCAAACCCCAAAAAAAAGGAAAGGAGGA ACCAAGAACGGGGGGAGCAAAAAGGTAGGACAAGGAGAAGGGAAAAGAAA GGGAGGGAAAGGGGAAAGGCCAAGAGAGGGAAGAGAAAAAAGGCCAAGG G GAAAAGGAAAAGGGGGGAAAACCGGAGGGCCGGAGGAAAAAAAAGGAGA AGAGTAAGGGAAGGAGAGCATTGGCAAAAGGAAAAAAAGGAAAAAAAAAA AA $\operatorname{A} G \mathrm{G}$ GAAGGAAAAGGAAGGGGGGGGGGAAGAAAGGCCAAAGGGGGAAG AGACCGGGGAAGGCCGGGGGGAAGGAACCGGCCAAAGCGCCGGGGAAGG AAGGCCGGACGAAAGAACCCAGCAGAGAAGAGGAAGGACAAGAAGGGGAG AAAAAGAGAGGGATAAGGGGGGGAAAGGAAGGGGGGGGAAAACCAAAGAA
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GGGAACCAGGGGGAGAAGGAGAACAGAAGGAGGGGAGAAACAGAAAGTTA AGGGGAAAAGGGGGGGGAAGGGGAACCAACCGGGAAGGGCCCCAGGGGG A G GAAAACGGAGGGGGAAGGAGACAGGAGAAGAGGAAAAAGAGAGAGGG AGGAAGGGGGGAAGGAGCAAACAAGAAAAGGAGAAGGGGAAGGAAAAAGG GGGAAGAGACAGAAAGGAAACAAGGGAAATTAAAGAAGGAAGGGACAGGG ACAAGGGAGATAGGATAGGGGAGAGAACCAAAAGGAAGAGGAAAAAAGGG GAAACGGGGGGAGGGGAGAGGAAGGGAGACGAACCAAAAAAAAAACCCCC CAGAAGGGGAAGGGGTTGAAAAAAAGGGGCCGGGGAACGAGGGAACGAA GGAGGGAGAAACGAAAGAGGAGAAAAAGAAGGAAAAGAAAGAAGAACCGG AAAAGGCCGGGGAAAAGAGGGGAAGGGGAGGCAGGAAACCGAGGGGGGA AGGAACCGGAGAAAGGAAGGGAGAAGGCCCCAAGGGGGGAGACCCAAAAC CCAGGGGAAGGAAACGGGACCGGACCCGGGGGGAAAGGGCCCCCCAGGGA CAGAGAGAAACAAAAAGGAGGGGAAGGAGGGAAAAGGAAGGGGAAGGGG GGTTGGAAGGGGAAGGGGCCGGCCAAAACCGGGGAAAACAAACGCAAAGG AGGGAACGAGGGGGGAGGAAGAGGGGGAGGAAGGGAGAAACCGAGAGAG GGGGGCCGGAAGGAAAAGAGGGGGGGGGAAGGGAAAACCGGGGGAGAGA GAGGGGAGGAAAGGAAGGAAGGACAAGGGGAAAAAAGGAAGGAAAGGAA GAGGGAAAAAGAGAGACGGAAAGAAGGAGGAAGGGGGGGCAGAGAGAAC AGGAAAAGAAAACCAAAGAAGAGGTTAGGGGGGGAAGGCCGGAGGAAAAG CCGGAAAACCACAGGACCAGAGAAGGAGAGCAAAAAAAGGCCAGAACAAG AGGGGAGGAAAAAAAAGAAAGGAAAAGAAAAACCGGAAGGGGCCAAGGGG GGGGAAAAAAGGCCGGAACCATAAGGCCGAAAAAAACCAGACCAAAGGCC CAGAACGAGGCCAGAGAGGGCCGGAAGGAAGGAAGGAAAACCAAAGACAA GGGGGGGGACAGAGAGGGGGGGAGAACAAAACAAGGGGAGAAGGAAACG AAGAACAGGAGAAGGAAAAGGAAAAGGCAAAAAAAGGAACCGGGGAAGGG AGAACGGAAAGAAAGAAGGAAAAGAAAAGAAAAAAAAGGGGGGGAAACAG AAAGGGACAGAGGCAAACAAGGAGAAGAAGAAAAAAGGGAGGAGGCCAAA AAAAAAAAGAGAAGGCCGGCAAAACAAGGAAGAAAAAAAAGAGAAATAGG GAAAACAAACCGAGAAAGGAAAAAAAAAAAACCGGAAAAGGAGAAAAAAA ACCAAGGAAAAGGAGAGGGGGACCCGGCCGGAAAAAACAAAGACCAACCA AAAAAGGGGCCCCAAGGCAGGAACCGGAAGGAAGGGGCCAAAAAAAAGGG GAAGGGGGGAAAAGGAAAAGGAAGGGGGGAAGGGGCCGGCCGGAAGGAA AAGGAAAAAAGGCCCCAAAAGGGGGGGGAACCGGAACCGGGGAAGGAAGG AAGGAAAAGGAAAACCGGAAAAGGGGCCAAAAGGAAGGAAAACCCCAAAA AA G GAAGGGGGGGGAAGGGGGGCCAGAGAGAAAAGGAAACGGCGCCGGG GAAAAAAGGGGCCGGGAGGGGAGCAGGAAGGAAAGGGAAGGCAAAGAAA GGCCAGGACCGGGGAAGGAACACCAACCAAGGCCGAGAAAAAGGGGGGAG GGAAAGGAAAGACAACACAAGAAGCCGGCCAGGGCCGGGGAAGAAAACAA AGGAAGAGAAGGACGAGACGAAGGAAGAAAGGAAAGCGAAAAGGAGAAAA TTGGAAGGGAGATTCCTTAAGAAGCAGAAGGGGGAAGAAAAGGAACAGGG GGAAAAGGGAGGGAGAAGAACCATAACCAAAACCAAGGAGGAGGGGAGAG GGAGAGAACAAGAGGAAAGGAAAAAAGGAGGGACGGAAACAAAGGGGAGA AAGGGGGAAGGGAGGAAAGAGGCCAGGGAAAAAAAGAGGGAAAACAAGCC CAAAAAAAAACCGCCCGGGGGAGGAGAGAAACAGAGGGACGAGAGAGAAG AAAGAAAGAGGAAGAAGGCCAGCAGGAGAGGGGGAGGGAGGAGGGAAGG GGGGAGGGGGGAAAAGGAGGGGAGGGAGAAGAACCGAAGATGGGGAAGG AGAAAAGAAAAAAGAGAAAAAAGGAGGAGGGGGGAAAAGGGGAAAGAAAA CCGGCAGAAGGAGAGGGGGGGGAAGGAAGGAAGGGGAAAATTAACCAAG GGGAAAAAAAAAAGAGAGGGGCCGGGAGGAGGAACGACGAGGGAGCCGG
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 A G G ACA $\operatorname{Cl}$ CAGGGGGAAAGGGGAAGGGGAAAAGGTTGACGCAAGGAAAAAG A G GAA $\operatorname{A}$ GGGAAGGGGAAAAGCGGAAGGAAGGGGGAAGACGGAAAGAGGG CCGGAGGGAAAGGGGGAGGGAAAAAAAAAACACCCCAAGGGAAAGGGGTA AA G GAAAAGGGGCCGGAAAAGGGGAAAAAAGGGGGGAAAAGGAAGGAAAA AA $\operatorname{A} A \mathrm{~A}$ GAAGGGGGGCCGGGGGGCCAAGGCCCCAAGGGGGGGGAAGGGGG
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CAAGGCCAAAGAAGGACAAAAGAGGGAGGGGGGAGGGACGGGGAAGAAG CCGAAAAGACAAAAAAAGAGAAAAAAAAAAAGAGGAGGAAATAGGGAACC AATTGGAAACGAAAGGGGGAAAGGAGGAGGCAAGAGGGAGGGAAGAAAGA AACCGGGGAAAAGGAAAAGGAAAGAAACGGCCAAAAAAGGAAAGGGAAGA GGGAGAGGAGCCAAGGGGCCAAAAAAAAGGAGGGGGAGCCAAAAAACACC AGAAGGAAAAGGAAGGAAAAGGGGAAGGGGAGGGGAGACACCAAAGAAGG AAGAACACGAGAGAGAAAGGGGGAGACCAGGAAAAAGGAAGGAACCAAAA GGGAAAGGAAGGAGGAGGAAAAAAGGCGGAGAGGAAAAGGAGAGCGCCA GGCGCACGAACAGCCGGCGGGAGAAACACAAGGAACCGAGAGGAAACGGG GAACAGAGAGGAGGGAGAAGACCAAAAGACCAAAAAACAGAAAAAAAAAG AGGGGCCGGGGACCCCCAAGGGGAAAAGGGGGGAGGAAAGGAGAAGGAT CCGGAGCCCCAAAGGAGGGGAGAAGAAAGGGGAAAGGAGAAAGGAAGGAG AAGGAAAAGGAGGGGGGGCAAAAGGGCATAAAAAGAAGAGAGAGAGAGAA AAAAGGAACCAAGGAAGGGGGGCCAAAACCGGAAAAGGAAAAAAAAAAAA CAAAGAGGCAACCCGAGGGAGAGGGAAAAAGGAAGGGAGGGAAAAAGGGA GAACACGCAGCCGGCCGGAAGGAAGGGGAAGGAAGGAAGGAAGGGGGGA AGGGGGGGGAAAAAAGGGGAAGGGGAACCAAGGAAGAACAGGAGGGAGG GAAAAGGGAGGGAGACTTGGGAAGCAAGGAAAAAAAGAAAGGAAAAGGAA AAAAAGGGAAAGGAAAAGGAGAAAAGCCAAAGGAAAGGAACCAAGGAGAC AA $\log \operatorname{GGGGAAAACCGGCCGGGGAAAAAAAAAACCCCGGAGAAAGGAAGGG}$ AAGGAAAAGGACACGGGGCCGGAAAAGACCAACCAGAAAAGAGGGGAAGG AA GAGAAGCCAAAAAAGGAGGAAGAAGACGAGGGAGCAGAGGGGGGAGCC AA GACCGAGAAAGGAAAAAGCAGAAGGAAGAAAATAAAGGGGGGACAGAG AGGAGGGAAAAAAGGGAGGAGCGGGGGAAGGGAAGGAAGGGAAGAGCCG GAAAGCCGGAAAAGAAGAGAAAAAAAAAACCAAGGGGAACCGGGGGGAAA AGGAGGGGAAAAAAACACAAGAACAAAAAGAGGGAGGCCGAGACCAAAAT AGGCCGGGAAGACAAAGGAAACCGGCCAAAAAGAAGGGGAGGGAAGAGGA AGGACAAGGAGACGGCAAAAAGGAACCAAGGGGGAGGCAGGAAGGCCCCA AGAAGAGGAGGGAGGGGAAGGAAACAACAAGAAGGGGACGGGAAGCCGAA AAAGGGAAAGGAAGGGGAAAAGGAAGGAGCAAGAACCGGGACCAGGAACG GATTTGGATCCGGGAGGTAACAAAAAGCACAGGCCGGGAAGGAGAAGACA AGAGAGGAGCCCAAAGGAAGGGGGGAAAAAGAAAAGGGGGGAAGGGGGG GACCGGGGAGCAAAAGAAAAAGCCCCCAGGAAGGAAGGGACCAAAAAGAA CCGGGGAAAAGGAAAGGGAAAGAAGACACAGAGGGGAAAAAAGGAAAAGG AAGGAAAAGGAGAACCCCAAGGGAGAACAACCCCAGAAAGGGGGGGCCGG GGAGAAAGGACCACAGAGAGCCGGAAGACCAGGAAAGGAAGGAGGGGGG GAAGGAAGGCAGGGGAAAACCGGGGGGCCGGCCGACAACAAGAGAAGCAG GGGGGACAGGAGGACAAGGGGAAGGAAGGGGGAGAAAAAAGAGAAAAAG CAAAAGGAGGGGGGAATTGGGGAAGGAGAAGAAGAGGGCCGGCCAAAAAA GGAAAAAAAAAAAAAGACAAAAAGGAGGAAAAGGGGAAGGGGACAGAAGA GGAAGGCAAAAACCAGAAGGAAAAGGGGGGAAAAGGGGAGGGGAGGAGG AGGGGGAAGGAAAGGAAGAAGAGGGAAGAGAAGAACCAACCGAAGAAAGG AGGGGAACGAAGGGGAGGACGGGTTAAGGCCGGAAGGAAGGAGAGAAAA AA GGAAAACCGGGGAGGAAAGGCCCCGGACGGAGAAGGAGGGGGGGAAC CGGAGGAAGGAAAAAGGGGGGAAGGGGGGAGAGAGGGGGAGGACCGGGA GGGGCCACAGGGGAAAACGGCCGAGAGGACGGAAGGAAGGGGGGAAGAA GGAGAGGGGAGGGAAACGGGGAAAAGGAGGGCAGGGGGGGGAAAAAAGG AAGAGAGAGAGAGGGGAGAAGAAAGGAGAGAGAACCAAAAGGGGAAGAAA CAAGGGGAACAGGGGGACAAAGAGGAGGAAAAACGGAAGGAGGGAGACGA AACCGGAAAAAAGAAGAGGGGAGGGAGAGGAGGGTACAAGGAGGGGAAG A GAGGCCTTAGGAAAAGAAGAGGAAAGGGAAGGGGGGGGGGGGACAAGG GGAAGGACGCAACCGACCCCAAAAAACAGGAAGGAGACAAGACAAAGGGA AAGGAGCAAAAGGAGGGGGGGGAAAGAAGGAAAGGAGACCAAGGCCAGAA GGAAAACCCCGGAGAGCAGGAGAGGAGGGGCCAAAAAAGAAAAAGGAAGG AA G GAAGGAGACAGGGGAAAGGGAAAGAGGGGAAGGGAAGGAGGACGGA GAAAAACAAGGGGAACCAAGGGGGGCCAAGGCCGGGGGAAGAAGGGAGG GGGAAAAAAAGAGGGGGGGGGGGGGGGGGGAAAAGGAAAAAAAACCGGG GGGAAAAGGGGAAGGAAAAGGAACCCCCCGGAAAACCGGAAAAAAGGAAA ACCGGGGGGAAAAAAGGGGGGCCGGAAGGAAGGCCGGGGGGGGAAAAGG AAAAGGCCGGGGAAAAAAAAAAAAAAGGGGGGGGAAGGGGAAGGAAAAGG GGAAAACCAAGGAAAACCAAGGAAGGCCAAAAGGGGGGCCGGAAAAAACC

AACCAAAAGGAAGGGGGGCCAAAAGGGGAACCGGAAGGCCAACCGGAAGG GGAACCGGGGAAGGAAGGCCAAGGAAAACCGGGGAAGGTTGGGGGGGGG GGGCCTTAAGGAAAAAAGGAAGGAAGGGGGGAAAAAAAAAAAACCAACCG GAAGGCCAAAAGAGGGGGGGGAAAAAAGGAAAATTAAGGAAAAAAAAAAA AAAGGGGGGAAGGCCAAAAAATTGGCCGGAAGGAAGGAAAAAAGGGGGGG GAAAAGGGGGGAAAAGGGGGGAAGGCCAAAAAAAAGGAAGGAACCAAAAA AGGGGGGAAGGAAAAGGAAAAGGGGGGGGAAAAAAAAGGGGAACCCCAAC CAAAAAAAAGGCCAAGGGGGGCCAAAAAAAAGGAAAAGGAACCGGGGAAA AAAGGGGAAGGGGAACCGGAAAAGGAAAAAATTAAAAAAGGAAGGGGAAG GAAGGGGGGCCAAGGAAAAGGGGGGAAGGAAGCCCGAAAAAGAGGAGAA GCGAGAAGGACCGAAGAAGGGAGGGAAGGGAGAAAAAAGAACAAAAAGAG AAGGGAAAAAGGGGAGGGCCGAGGAAGGCACCAGAAAGGAGCGGGGAGA GGGCAAAGAGGAGGAAAAGCCGAGGGAAAGGAAACAAAAAAAAGGAAGGC CCAAGAAGGAGAAAAAAAAGGGCGGACGGAACCCCAACAAGGGGGAAAAG GGGAAGGTTGGAAGGAAGGGGGGAGAAAAAAGGAAAGACCCGGAGGGGG GGAGAAAAAACCAAAAGAGGGGAAGGAAAAGGGGGGGAAAGGGGAAGGAA CCGGAAGGAAGGAAGGGGGGAAGGGGGGCCGGAAGGAAGGGGGGGGGGC CAAGGAAAAAACCAAAAAAAAGGAAGGGGGGGGGGAAAAAACCGGAAAAA AAAGGAAAAGGAAAAAAAAAAAAAAAAGGAAAAGGAAGGGGAAAAAAGGG GGGGGGGCCAAAAGGGGCCGGAAGGAAGGAAAACCAAAAAAGGAAAAAAA AAAAAGGGGGGGGGGAAGGAACCAAAAGGAAAAAACCGGAAAAAAGGCCG GCCCCGGAAAAGGGGAAGGGGAAAAAAGGGGCCCCAAAAGGGGAAAACCA ACCGGCCAAGGGGGGAAAAGGCCAAGGAAAACCGGGGAACCCCAAGGCCA AGGGGGGGGGGCCGGAAGGGGGGAAGGAAAAGGAAGGGGGGAAGGCCAA GGGGGGGGGGGGAAAAAACCGGTTAAGGGGAAAAAAGGGGCCGGGGCCA AGGGGCCGGCCGGAAAAAAGGAAGGCCGGAAGGAAGGGGAAAAAAAAGGC CGGGGAAGGAAAAGGCCAAAAAAGGGGAAGGGGAAAAGGAAGGAAAAGGA ACCGGGGAAAAGGGGAAAAGGAACCCCAAGGAAGGAAAAGGGGAACCGGA AAAGGAAGGGGAAGGAAGGGGAACCGGCCGGGGAAGGCCGGGGAAGGGG GGAACCGGGGAAGGGGCCAAGGGGAAGGAAAAAAAAAAAAAAAAAAGGGG AAGGGGGGGGGGAAGGAAAAAAGGAAGGCCCCCCGGGGCCAAAAGGGGA AAAAAGGGGAAGGGGGGCCAAAACCAAAAAAAAAACCGGAAGGAAGGGGA AGGAAGGGGAAGGCCAAGGAAAAAAGGGGAAAAAAGGGGAAAAAAGGAAG GGGAAGGGGGGAAAAAAAAAAGGGGGGGGGGGGAAAAAAAAGGAAGGAA GGGGGGGGGGGGCCGGGGGGGGAAGGGGAAGGAAGAGGGGAAGAAAGGA GAAGGAGAAGGAAAAGGGGCAAAAGAAGAGGGAGGGAGCGGGGGAGGGA AGAGAAAGAAAGGAAAAGCCCCCGAGAGGGAAACGACCGGGAGGGAGAAT GGGAGGAGGGAAGAGGGAGACCGGGGCCGAGGAGAAAACCAACAGGGGA ACGCCGAAAGGACAGAGAGACGGAAAAGGGGAAGGGAAGAGAAAAGGGCG GGGACAAGGCGGGAAAAAAAACCGGAGGGAAGGGGGGGGGGGGAGAAGA ACGACAGGAACCGGGGGAATGAGGACGAAGAAAAGGCCAACCGAGGAAAA CCGGGGAAAAGGAAAAGGGGAAAGCCGGGACCAAAGAGAGAAGAGAAAGG GAAAGAGAGGCCCCCCGGACAAAGCAGGAAAAGAAGGGAGCCAACCGAAG GAGGAAGGAACCAGAAGGCAGAAAGGAGCCAAGGAAAGACAGAAACAGGG AGGAGGAAGGGGGGCCAGAAAGGACCAAGGACGGGGGGCCGGAGGACAG GAGGGGGGGGGAAAGAGGGAGCCAGGAGGACAGGGCCAAAAAAGGAGGA AACAACGGGGAGAACCGACAAGAAGGAGGGGAGGAAGGAAGGCCGAAAGG AGGGGAAAAAGGGGGGGGAAGGAAGAGAAGGGAAGGAAGGCCAAGGAAC CAAAAGGAACCGGGGGGAAGGAAAAGGAAAACCAAAAAAAAAAAAAAGGG GGGGGAAGGGGAAAAAAAAGGGGAAGGGGAAAAGGAAGGGGCCAAAAGG GGGGGGGGAAAACCAAGGCCGGAAGGAAAGACAAGGGAGACAGAGAAAGA GAGGAAAAGGCCGGAAGGAAAAAAGGGGGGAAGGGGCCGGAAGGAAAAAA AAAAGGGGAAAAAAAAAAGGAAAAGGGGAAAAGGAAAAGGGGGGGGGGG GGGGGGGAAGGGGGGGGAAAAGGAAGGGGGGGGGGGGAAAAAAAAGGAA GGGGAACCAAGGAAAAAAGGAAGGAAGGAAGGGGGGAAGGAAAAAAAAAA CCAAGGAAGGGGGGCCGGGGGGCCAAAAAAAAAAAAAAGGAACCAAAAGG GGGGAAAAGGAAGGAAGGAAGGGGGGGAAGAGAACCAGAACACAAGGGA GAGGGGAAAAGAGAAGGGGGGGAAAAAACAAAAGAGGAGCAAGGGAAGG GGAAAAGGGGAAAAGGAACCGGGGAAGGGGCCGGGGAAAAAAGGGGGGC CGGAAAAGGAAAAAAGGGGAAGGGGAAGGAAAAAAAAAAGGGGGGGGAAC CCCAAAAAAGGAAGGCCGGAAAAGAAGAAAAGAAGGAGGAAGAGGCAGGA

G GAAGAAAGAGACGGAAGGAGAAAAAAAAAGAGGGAACCGGGGGAACAGG AACAGACAGACAAGAAGCAGAAAAAAAGGGGAAAAAAAAAAAAGGAACCG GGGCCAAGAAAAAAGCCGGAAGGAACCGGGGAAAAAGAGAGGGAGGAACG G G G G G A ACCACCGGGAGAAAAGGGGAAAGGAAAAAGGACGGGGAAGGAA G G G G G G A A G G G G G G AAAAAAGGGGAAAAAAGGGGAAAACCCCGGAAGGA ACCAAGGAAGGAAAAGGGGGGCAAAGAGGGGGAAAGAAACCAAGAAAAAA AGGAGATAGGGAAGGAAAAAAAGGGAAAGCAGAGCCCAACAGGAGAGGAA AAAGGAGAGGACAGAGACAGAGACAAGAGAGAGGAAGGGGGGAAAGAAGA AACGGGGGGAGAAGGAGGAGGAAAAGGGGGGGGAGGGAAAAAAAAAAAA AAAGAAAAAGGGAAAGGAGGCCGGAAAAGGCCGGGGAAAGGGGAAAAAAC GGAGGAGAGAGAGAGAGGAAGGAAAGTAAGGGAGGGAGGAGGGGAGAGG AAAAAAAGGAAAACCGAAGAGGGAAGGGACCAAACGAGGGGAAAAGGCAG GGGCCGGGGAAAAAGAAAAGGGGAAGGACGGAGGAACGGGGAGAGACAG AAGAAAAGAAAACCGGAACCACAGAAACAAGGGAAAGGAAGGTTAGAAGG GGAAGAAAGGAAAAGGGAAGAGAAGGCAGGGGGAGAAGCCGGAAGGAAAA GAAGAGAGAGGGAAGAGGGGAGGAGGAAGAAGAGAAAGAAAGGAGAAAG GGGAACCAAACGACCAGGGGGAAGGGGCCAAATGGGGGAAGAAGGAAAAA A G G G GAA $\ln \operatorname{GACGGGAAAAGAAGGGGGGGGGGAAGGCCAAAAAGCCAAGG}$ AAGAAGAAGAAAGGAAACGGAGAAAAGGCAAAGGAAAAAAAAGGAAAAAA AACCCCACCCAAACAAAAGGAGAGGAAAAGAAAGGGAAAGGGAAGGAAGG G GTACCAGGAGGCCAAGGGGGACCCCGGAGAGCCGGGGAAAGTTGGGACA G G G A A A G G G G A C CCAGGGGAGGAAAAGAAAGGCCAAGGGGAAGGAGGGG GAACCGCGGACAGCCAAAAAAAAGGAAGGAAGAGGCCGGGGAAGGAAAGA AGGGGAAAAGAAGAGAGAAGGAAGGAAAACCAAAAAAAACCGGGGAGAGG GAGAAGGCCGGAAAGAAAGAGAGAAAAGGAAAGGGGGCAAAAAGGGGAAG AAAGGGACCAAGGGGGGGAAAGGGAAGCAGGAACAAAGAGGGAAGCCGCA AGGCCCAAGAGCAAAGGCAGAGAAAAGAGCAGGAACACCAGGGGGGGGGA G G G A A A A A A G G G G GAAA G G G GAAAA G G G GAGGGGGAAGGGGGGGGAAGG GGAAGGCAAGGGAAAGGGAGAGAACCGAGAGAGGGGAGAGGGGGGAAAA GGGGAGAGATAGATAAGAGGGACAGGGGGGGGGGACCACAGAGAGAGAA AAGGAAAGGGGGGAGGGGGAGGACGGAAGGAGAGGAAAGGAGCCAAAAA GCCACAAACAACCAAAGGAAGGAAAGGAAAAAGGGGGAAGAAAGAAGAAA AGGGAAAAAAACCAGCCGAGACAAAAAAAAGACAGGAGAAGAGATAGAGG AA G GACAAAGGAGGGGGAAAAGGAAAACCAAGGGGAAAAGGGGAAAGAAA G G G CAAA G G G G G AACAAAATTAAGGGGAACCAAGGAGCCAAGGAAAGGGG GACGGAGAAGGGGAAGGAACAAAAAGGAAAGCCCAAGGACCGAGGGGAGG AAAGGGGAAGGAACCAGCCCAACGGAGACACACGGGAGGAAGGGGAACCA AGGAAAAGGAAGGAAAAGGGGCCGGTTAGGGGAGGGGAGAGACGGGGGG TTGGGAGAAAAAGGCAAAAACCGGCAGGGGAAGAGGAAAGAGGGGGTTAA AAAAAAGGGGAAGGAAGGGGAAAAGAAAAGAGGGCCGGGGGAAAGAGGAT AGAGAGCCAGCCAAAAGGGGGGAAGACCGACAAACAAAAAGGGGGGGAAG G G G G G A A G G G G A G A A A G G A G G G CAGGGGAGGGGGGGGGAGAACAGAAGC CGAGGAAGGGAGAGAAGGGGGGGGAAAGGAGACGGAGAAAAAAGAAGAA GAGAGACCAAGAAAGGGGAAAAGGCAAAAAAACCAAGGGAAGGGAAGCGG AGCAGGGGAGAAAAGGGAAAGGAAAAGGGGGGGGGAGAATGGAAGAGAG ATTGGGGGGGGGGAGGGCAGAAGAAGGTTCCGGAAAAGGAACCGGAACCG GAGGAAAAAGGGGGACCAGCAGGGAAAAAGGAAAGAAAAGGACGGAAGGA AAAAAGGACAGGACGCAGGAAAAAAGAAGAAGGGGGGAGAAGAAAGAAGA TCGAAAGCCAAAGAGAGAGACAGAAGGAAAAGAAAGGGGAGAAGAAGACA GCGGGAGGAAGGGAAAAAGGGGGGGAGACAAAAAGAAACGGAGAGAAACG GCGAAGGAGGGGGAGCAGGGGGGGGAATTGGAACCAAGGCCAAGAGAGG A GAGAAAACCAAAAGGGGGGGACCGAAGGGGGGGGAGGCCGGAAAGAGG ACGGGCCAAGGCCAGCCGCAGAGGGAAAAAGAAAACCGAGGGAAAAGGGG AGGCCGGGAGACAGAAGAGCAGACCAAGCTACCGAAAGAGAAGACAAGGA AGGGGGAAAGGCCAAACAGAGAAAGACCCCCGGGGGGAACCGGGGAAGGG G G GACGGCCCCAAAACCGGAAGGAAAAAAAAGGAAGGGGGGGGGGCCTAC CAAAGATAAAGAGAAAAAAAACCAAGGAAAAAAAACCACAAGGCCAAGAAG GAGGAGGGAACACAACGGCAGGAGGGAGGGAAAGAAAAACAGGGGGGGG G G G GAGGGAGAGAAAAAAAGGGGGGAAGGGAAAAAGGAAAAGAAACAGGT TAAAAAACCGGGGGGAAGGAAGGCCAAAAAAAAAAAAAAAAAAAAAAAAAA TTAAAAGGGAGAAAGAAGGAGGGGAAAAAAGGAGGAAAGGGGAAAAGGGG

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GGCCACGGCCAAGGGAAGAAGAACGGAAAGGACAGGAGAGGAGGGGGGA A G G A G GACCAGAAGGGGAAAAGGACAAAAAAGGAAAAAAAAAAGGGGGGA G G A G A G G G GAA G G G G G G G GCCCAGGAAAGGGAGGGGAGAAGAAAGGGGA G G G A A A G G G G G G G G G G G G AA G G G GAAAAGAAGAAAAGAAGAGAAAGACC GAGAGGGAGAGACGGGGGGCAGAGAACATAAGGAGGACCAAGGAAGAGG AGAGTAGGAAAAGGCAAGGGGGAAAGAGGAGGGGAAAAGGAGATGAAGAC GAAGCAAGGGGGAGCCAGGAAGAAAAGGGGAGAAGGGGAAGGGGGGAAC CAGGGGGGGGAGGCAGAAAGGGAAGAAGGGGGGAGGGGGGAGGGAGAAA CCAGGAGGGAGGGGGAGGAAGAAAGGAGGGAAGGCCGGAGAGGGGGGGA A G G A G A CAA G G G G G GAA GAAAGGGGAATTCCAAAAAGAGAAAGCACGGGG GGGAAAGAGGGAAAGAAGGGAGGAAGGAGGAAGACGAAGAAGGGAGGGG GAAGACAGAAAAGGGACAAAAACCGGAGGGAAGGGGAAGAGAAAGGGGCA AAAAAACACCAAAGGGAGAAAGGGAGGGAGGGAAGGAGAAAAAAGGGGGG AAAAGGGGAAAAGGAAGGAAGGAAAAGGAAGGAAGGCCAACCGGGGGGAA AA G GAAGGGGAAAAAAGGAAAAAAAACCAAAAGGGGGGGGAAGGAAAAGG AACCGGAAGGAAGGGGGGGGGGAAAACCTTGGGGAAAAGGCCAGAAGGG GGGGAACACAGGGAACCAGGAGCGGAAAAAAGGAAAAGGGGAGGGGGGA AAAAAAGGAAGAGAGGGGCAGAAGGAGAAAGGGAAGGGGGGGAAAGGGA CGCGCAACCCCGGCCAAAAGGAAAAGGGGCCAGGGCCAAGGAAGGAGAGA G G G GAAAAAAAGGGGGGGGAAGGGGGGACACAAGAAGGAACAAGGAACC G G G GAAAACCGGGGGAACAGAAGGAGAACCAAAAAAAAAGAGATAACCAA AAAGAAGGGGGGAGAACCGGGAAGAAGGGGACAAAAGATTAAGGGGGGG AAAAAAAGAAGGAAGGAGCGAAAAAAAGGCAGGAGAAGGAAGGCCGGGGC CGAGGCCGGAACCGGGAAGGGGAGGGGGAAAAGAAAAAAAAGGAAAAAAA GAGGAAGGATACAGAAAGGGGGGGGGGGGAAGGAAAAGGGGGGAAAGGG CCGACCGGGGAAGGAGAAAAGAGGGGAGGGAGAGGAAGACGGGAGGAGG A GAGGGGGGGGCAACAGGGGGGGAGAGGGAAGGCCGGGGGGAGGACAAA G G G G G G G G G ACCGGAAAGAAAAAGCAAAGGAACCAGAGAAGAAAAGCAGA CAAAGAGAAAGGAGAAAAAAAAAGGAAACAGGAAAACCGGGGACGGGGAG GGGAGGGGAAAAGGAAAAGGAAGGAAAAGGGGAGGAAAACACGGCAAAAA GGAAGGGGGGCAAAGGGGAAGGGGAAAAGGCCGGGAAAGGGGAGAAGGG A G G A G G G G G G GAAAAGAAAGGCAAGGGCCGGGGAACCAAGAGAGGAAGG CAGGAAGGACGGACAAAAGGGGCCCACCGAAAAAAACCGGCCCCGGAAGG A GAGGGAAAAGGAAGGGAAGGGAAGAGGAAACCCAGGGGAAAAAAGAAAG GGAAGGAACCCAAGAGAAGAGAGGAGGAAAAAGGAAAAAAGAAAGGATAG AA G GAAGAGGAGAGGGAAAGGAGGAAGGAAGGAAGGGGAAAAGGGAGAG GAAGGGGAGGAGGAAAAACAACCGGAAGGACAAAAGGGGGCCCGGCAGGA AGGAGGAAAAGAAGAAAAAGGCCAAAAGACACCAGGGAGGGAAGGGGGCA GGGCCGGACGGAAGGGGGGGGAAGGGGAGAAAGAAAACCGGAGAGAAGA AGAAACGGAAGGAAAAGAGGGGGGAAAAAAAAGGAGGAAATTAAGAAAAG AA $\operatorname{GAGAGAAAGGAAAAAAGAGAAGAAGAAAGGGAGGGAAAGGAGAGGGGG}$
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G GAAAGGGAAGGAAAAGGGGAAAGACGAACAGAGACGGAAAAAGCCGGAA AA $\operatorname{l}$ G $\operatorname{GAG} \mathrm{A}$ GGGGAGTTGGGGCCAGGGGACCGACAACGGAAACAGGGGGC AAGAGAAAAGGCAGGAGACGAAGAGACAAGGAAGGGGAAGGGGAAAAAAC CAAAGAGGAGGAACCAAAAAACCAAGGGGAAAAGAAGAAGAGGCCGGAAG
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GAAGGGAGGGGGGGGGGGACAGAAGAAAGAGGGAGAGAAGGAAGACCAC GAAAACAGAAAGCCCCGGAAGAAACCAAAGGAGGGGAGGGGGACAAGGGG GGGGGGGGCCCAGAAAGAACGGAAAAGGCCGGAGAAAAGGCCGGGGGAA GACGGAAGAGGAAGGGAGAGGACAAAGAGGGGGGAGGGGGGGGAAAGAA AGAAGGGGGGGAGGAACAAGGGAAAGGAGAGGTTAAAAAAAGACGGGGA GAAAAGGGAAACCGGGGAAAACCGAGAAGGGAAAACACGGAGAAAAGTTG GGGGAGGAGACGGAACAAAGGACGGCCCACAGAGAAAGGGAGAAGGGAGC AGAAAGAGGAGGAGAGAAGAAGGGGCCAGGACAGGAAGGAGAAAAAAAGG GAAAGTTGGAGGGGGGGAAAAAGCAAAGGCAAACAGGAGCAAAGGGAGGG GCAGGAGGGAAAAAAAAGGGGAAGAGGAAGGAGGGGGGAGGAAAAAAGA AACCAAGGAGAAGAAAGCGGAAGGGGAAAAAGAAGGGGCCAAGGAGAGAG AAAAAACAGGAAGAGGAAGAAAAACCGGGAGAGAGAAGCCCCAGGGGGAA AGGGGGGGAGAGAACCGGGGGAAGACGACCAGACGGGGAAAAGGGGCCG GAAGGGGGGTTAACCAAGGCAAAAACCAAGGAGAGAGAAGAAGAGAAAAA AAGGAAGGAAGGAAAAAACAAAAGGAAGGAAAGGGGGGGCAGAGAGGGAA AGGCCGGCCGGGGGGCCCCAGGGAGGGCCGGGGGAAGGAAAAGGAAGGA CAGAACGGAAAAAACCAAGGGGCCAAGGGGAAGGAAAAGGAGAGAAATAA AAGGAGCCAAGGGGGCGGGGGGACGGCAAGGAGAGGAACCGGAAAAAGG GGGAAAAGGGGAGAGGAGGGGGAAAGGGGAAGGAAGGGGAAAAAAAAAG AACCGAGGCACACAAGGGGGAAAAGAAGGGGAAAGGGGCCGGGAATAAGA AAAAAAGGAAACAAAAAAAAAAAAAAAAAGGGCCGAGGGGAAAACCGAGG GAAAAGACGCAGAAAACCGGGGAACCGAAAAAGGGCCAGGAAGGACCCGG AGAGAGGGAGACAAGGGAGAGGAACAAGAAGGAGAGGGGAAAGGCCGAA GGGACCAAACCGGGAAAGGAAAAAGCCGGAGGGCCCAAGCCGGGAAAAGA GGAAAGGACAGGAAAACCAGGGGAAAGAGGAGCCAGGGACCACGACCGGA AGAAAGGGGAGAAGGGGAAAGGGGAAACCGAGGGGAGAAAGCCGAGAGA GGGGAAAAGGGGAAAGCAAAGGGAGAGACCAAGGAACCGGAAAAAAGGGA GAGGGGACGGAGAGGCGGGGGGGAAGGGGAATGGGAAGGGGGAGAACAC GAGGGAAGAGGGGGGCCAAGGAGGGAGCACACCAAGGAAAAGAAGAAGG GGGGAGCAGGAAAAAAGGGGGGCAAGGGAGAAAATTAAGGCCAGAAGGAA GGAAGAAAAGCAGGAGCCAAGGGGGGAAAAGGGAGGGAGGAAGAAGGGA AAAGGAAGGAAGGAAAAAAGAGGAAACGAAGAGAGAAGAAACCAAAGCCA AAGATGAAAAAAAAAACGGGAAGAAAACAAAGGGACAAAGAGGGGAAAGG GAAAAAACCAGAGCCCCGGGAGAGGGGGGACAGGAAGGAAGAAGAGGAAA GGGGGAGCACCAAAAAAAGCACGAGGGGACAGGAAGGAAGGAAGGGGGG GGAAAAGGCCGGAAGGAACCCCGGAAGGGGAAAAGGAAAAAAAAGGCCGG CCAAAAGGAAAAGGGGGGGGGGCCGGCAAAAAGGGGGGAAAAGGGGCCG GGGAAGGGGAAGGGGGGGGAAAAGGGGGGAAGGGGGGAAGGGGAAAAAA GGAAGGGGGAGGAGAGAACCAAAAGAAAGAGGGGGGCCAACGGGGGGGG GGGAGAGAGAAAAGAAGGAGGCCAAGGAAGGAAGGAAGGCAAAAAGGGGA AGAACACAAAAAAAGAGAACCGACCGGAGGAAGGAGAGAGGGAGGAACAA AAAACGGCCGGGGAAAAAGAGGGAAGGAAGAGGAAGAAGAAAAGGGGAGA GAAAAAAAATTAAAAAACCAAGGGGAAAGAAGAGGAAACAAAAAGGAAGG GAGAGGGCCGGACGAAGCCAAAAGGGAGGAAAAGGGGGGAAGAGACAAG GAAAAGAGACGAAGAAGGAAGGAGGAGGGGACGGGGAAGGGAAAGGGAG GGGAACCGGGGAGGACAGGAGGGAAGAAAAA
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GGAGGAAGAAAAAAAGGAGAGCCAGGGAAAAAGGGAGAACAAAAAAAAGA GAGAAAAACCCGGAAAAGGAAGAAAGAGGAAGGAAGAGAAAAACAAGGAA AAAAAAGAAAAAAAAGAGAAAAAAAGGGAGAGAAAAGAGGGGGAAGGAAG GCCGAGGGGGGAAGGCCAAAAGGAACCCCGGGGAAGGAAAACACAAGAGA C GA $\operatorname{l}$ GAGGGGGATGGCCGGAGGAAGAAGGAAAAAAGGGGAAAAAAGAAAA A G G CCCCGGAAGGGGCCGGGAAGCCGGAAAAGGGGCAGAGGCAGGACAA G GAAAGAGCAGAAGGAAAAACAGGCAGGGGAAAGAACCGGGGGGAGACAA G GAGGAAAAGACGAGGAAGAAAAAAAAGAACCAAGGGGCCGGAGGGAGAA A GA $\operatorname{GAGAAGGAAGAAGGGACGGGAGGGGGGAAAAGGTAAGGAAAAAAGA}$ GAAAAAGGGGGGAGAGAGAGGAAAGGGGGAGAAAAAAGGAAAGGAGGAA GGGGGGGGGGAGGAGGAAGGACAGAGCAAGAAAAGAGGGGCCAACCAGA CAGAAAGAAAAGGAAAAAGGGATAAGGACGAGAGAAAAAAGACAAGGAAA AGAAGCAGAGGGGGGCCAAGGACTTCCAGGAAGGGAACAGAGGACAGGGA AAAGGGAAGGAGAAAGAGGGGTTGGAGCAGGAGCAGGCCACGGAAGACCG A GAGGGAGGGAAGGGAGACTTAGGAAGAACCGGAGAAGGAGAGCAAAGG GGGGAACAAAAACGGGGGAAAAAAAAAGAACCAAAAGGGAGGGGAAGGCC AACCAAGGGGGGAGGGGGCAAGGGGGGAAGGAAGAGGGAGAAAAACGAG AACGAACGGAAGGAAAAAGGAGACCGGAAGAAGAACAGGAAGAAGCCGGA GAAGGGGAAAGAAGAAGGACCGAAGAAAACGAGTAGGGGGAAAGAAGAGA AGGCCAAAGAGAGAAAAACGGGGGAGAAACCCATTCCGGGGAAGGTTAAA CACAAAGGACCAAAAGGGGGGGGAAAAAGTACAGAAGAAAGGGAGGACAA GAAGGAAGAGACCAGCCCAGGGAAAAAAGAAGGAGAGAAAGGGAGGGGGG GAAAGGAGGAAGGCAAGAAGAGGGGAGAAAAGGAAAGAAAAGGGGAGGG A GAAAGAAGGGGAGAGAAGGGAAAGAAGAAAAAACAAAAGGGGGGGGGGG GAAAAAAAGGAAGAGGGGGAGTTGGGAATGGGGGGAAGGCAGAAAGAAA GGACAATAGGAGCCAAAAAACCACAGAAAAAAGGAAGAATTAACAAAAGAA GAGAAGGAGAAGAGGGGAACGGGAAACGGGGCCAGTAACGGGACAAGGG GGAAAAAAGAGGAAACGAAAGACCAAGAGAACGAAGGGGGAGAGAACCGG AAGAAAAGGGCAAAGAAAAAAGGGGGGGAGCCCGGGAGCGAAAAAGGACC AA G G G GAGGGGGAACAGAGGGAAAGGGAAAGGGGAAAAAAAAAAGGAACC GGAAAACCAAGGTTCCAGCCGGCCGAAAGGGAAAAGGAAAGGGGGAAACA AAACGGGGAGAGAAGGGGGGGGAAAAGGAAAAAAGGAAGGGGAACAAATT GACCAGCCGAGGAAAAAAAGAAGGGATAAGAAAAGGAAGAGGAAAAACGA A GAA $\operatorname{A}$ GAGGGGCCAAGAAGACCGGGGGGCCCCGGGGGGAACCGGAAGGG ATAAGGGGGGAAAGGGAAGAGGGGGGGGGAGAGGGAGAAGGTAAAGGAA GGGGAAAACCAAAGAGACGGTTAGAGGGCCGGGGGACCGAACCAGAGGCA CACCCCTAGGTATTGAAAAAGGAAAAAAAGAAGGGGGGCACAAAAAAAGG G G G G G G A GAGGAAGAAGGAAGAAACCGAAAGGAAAGAAGGACGGGAAAG GAAAAAAAAGGCAGACCAAGGGGGGAAGGGAGGGGGGAGAAGGGGCCAA AGATGGAAAACAGACCAGAGAGGGAAAGGAGACAAAAAAAAGGGGGAGAA AAAGGATACCAACCAGTTGGAAGGAAGGAAAAAAGGAACCAAAAGGGGGG AAAAAAAAAAAAGGAAAAAAGGAAAACCGGAAAAAAGGGAACACACGGCA TTGGAAAAAAGAAGCAGAGGAAGGGGAACCAAAAGGAGAGGGCAAAAAAA GGGGAACAGGAAGGGGAAGGGGGGAAAAAAAAGGGGGGAACCAAAAAGAA CCAAGAAGAACCGGAACCGGGGACAACCAAAAAAAGGGCCAGAGGGAAAG CCGAAGCCGGGGGGAGGGAGGAGGGAGGCCGAAAGGGAGGAGACAGAAA ACCGGTTGGAAGGCCGGGAGAAGTAGGAAAGGGGGAGAGACAGGGAAAAA AAAAAAAAAAGAGCAAAGAAGAAAGAGGAGGGGAGGGGGAAAGACAGAGC GCAAAAAAGCCAAAAAAGGCCAAGGCCAGGGCCAGAGAGGGAAAAGGAGA GAGAAGCAGAGAGAAAGAAAAGACCAAAAGGGGCCGGAGAAGGAAAAATG AAAAACCGGAAGAAAAAAAGGCAAAGAAAAAAAGAAAACAAAAAAAAAAAA GGAAAAGGAACCCCAAGGAACAAGCCAAGGGAAAACAGAAAGCCGGAAAA AAGGCCAAGAAGACAGCAGAAAAGACAGCCAAAAGGCCGGAAAGGGGAGA G G G GAA G G G GAAGGCAAAGGAGGAAAAAAAAAAACCAAGGAAGGCCGGGG ACAGAGCGGGGGAAGGACAGGGAAAGGAGCGAACCAACAAAAAAGAGAAG GGAGCCGGAAAACAGGAAGGGGGATTGAAAAACCCCGGCCAGGAGAGAAC AAAAGGAAAAAGGAAAAAAAGAGAGGGGTTAAAAAAGGGGAAGGGGAAAA GGGGAAGGCCAAGGGAGGGGGGGGAACCGGAACCAGCCGGTAGGGAGGC CAGAAGGAAACGGGAGAGGAGAGGGAGGAAAGGACGGGGAAGGGAAAAA GAGAAAGGGGATAAAAAAAAGAAGGGAGAAAAACATAAAACCGGAAAAAA GAAAGAAGGGCCCCGGTTGGAAAAAAAAGGGGGCAGAGGAGAGGAGCGCC

A GAAAGGGGGGGGGAAGGAAACAAGATTAAGAGGGAGAGGAAAGGAGAG G G GAA $\ln$ GAATTGGGAGAAAGGAAGACCGGAAGAAAAGGGGGGGGAACAG AGAACCAAAGCCAAAGCCGACCAAGGGGAAGGAGAACCCCGGGGGGGGGG GGGAAGGGAAAAAGAGGAGAGGAAGGAAAATAGGAAGGAAAGGGCCAAAG AGAAAAAGCCAAAGACAAAAAGCCGGAAAATTGGGGGGAAGGCAAAGAAA AACACCAAGGGGAACGAGAACCAATTAAAACCAGGAAGAAGAGGAAAAGG GAAAAGGGGGGGGGCCGGGGGGAAGGAAAAGGAAGGGAAAAAGGGGAGG AGAGAAAGGGAAACCAAGGGGAGAACACCGGAGACGGGAAAAAGGGGGGG GGAGACAGGAAAAGGAAGGCAAGAAAGCCGGGGAGTTAAGGAAGGAGGG GGAAGGGAGGGAAAGGCCAAGGGGGGGGAAAAGAAGGAGGAGGCGGCAA GAGGGAGAGCCAAAAAGGGAAGAGGGGGGAGGACGAAAAAGGGCAGAAG GGAAAAGAACAGAAAAGGAGCAGGAAGGAGACAGGGCCGGGGCCGAAGGG GAAGGAAAGGGAAGAGGGAAGGAACAAGGGGCAGGGCAAGGGAAGGGGA GAAGACCCCAAAGAGAAGGGGCCAAGGAAAAGGAGGAAAGGTTCCGGCCG GGGGGAAGGAAGGAAGGGGGGGGGGAAAAGGGGAAAAGGAAAAGGAAGG G GAAAAAAGGAAAAAAGGGGAAAAAAAATTGGGGAAAAGGAAGGAAGGGG AAAAAAAAGGGGGGCCAACCTTAAGGGGGGGGAAAAGGAAGGCCGGAAGG CCGGAACCGGGGAAGGAAAAAAGGGGCCGGGGAAAAAAAAAAGGAATTCC AA G GAACCAAAAGGAGAGGAACAGGAGGGGCCAAAGAAGGGGCAGAAAGA AACCTTAAGGAAGGAAGGGGGGGGGGGGAAGGAACCAAAAGGAAAAAACC CCAAAAGGGGAAAAAAAAAACCAAAAAAGGGGCCAAGGAAAAGGAAAAGG G GAACCAAGGAAGGGGGGGGAAAAGGGGGGAAAAAAGGAAAAGGAACCAA G GAACCGGAAGGCCAACCAGGGAAGGGGCCGGCCAACCAAAAAAGGCCGG G G G G G GAACCAAGGCCAAGGCCAAAAGGAAAAGGCCAAAAGGAAGACCAG GGAGAAAAGGAAAGGGCAGGAAAAGGAAGGGGAAAAGGGGAGGGGGGGA AGGAAGGCCAACCGGAGGGGGGGGAACGAAGGGGAGGGGCCAGAGAAAG AGGACAAGGAGAAAAAAGGGCAAACCCCCCGGGAAAAAAAGGGGAAGAAG GGGAGGCAAGAGAGGAGGGGCCGGGAACAAAGAGGAGAAGAGAAAAGGA AAAGGGGCAGAGAAGAGAGAGCCAAGGAAGGGGGGGGGAGGAGAGAAAG AAGGAGGGAAAAGAGGGGAAAAAAAAGACCCCAAGGGGGAAGAAAGCCCA AAACGAAGAGGAGGAGCCGACAGGAGGGAAGGGGAGAAGAGGGGAAACG GGAGAGAGAGGCCAAGGGAGGAGCCGGAAAAAAGGAAGGGGAACCAGGG AA GAGGAAGGAACCGGAAGGCCAAGAAGAGAAAAGAGGGGCCAGGGCGAA G G G G G GA G G GCCGGGGAAAAAAGGAGGGAGGGGGGAGGGGGGAAGAGAA AAAGAAAAGGGGGCCAAAAAGAAGGAAGGCGGAACACAGGAGAGGAAGGC CAAAAACAAAGGGAAACAGCCGGGGGGGGGGACAAAAAACCGGGGGGAAA ACCGGGGAAGGAAAAAAGGTTGGAAAAGGAAAAAACCAAGGAAAAAAGGC CCCGGAAAAGGAAGGGGGGAAGGAACCAAAAAAAAGGGGAAAAGGAAGGG G G G AAAAGGAAAAAAGGGGGGAGCAGGGGAAAAAAAGGAAAGGGGAGAG AA $\operatorname{G} G \mathrm{GA} A A A A G C G G G G G G A A A A G G A G A G G G A G C C A G A G G G G G G G A A G G C$ CGGTTGGAACCAAAAAAGAGGGAAAGGGAGGAAGGAAGAGGGAGACAAAG AAAAGGGAGGGAGAAAAAAAAAAGGGGAAGGGGGGAGAGCCGGCCCCAAA AAA G GAGAAGGAAAGGGAGAAAAAAAAAGGGGGGACCAGGAAAGGGGAAG AAGCCAAAAGGAAAAAAAAAAAAAAAACCGGAAGGAAGGGGGGGGAGGGG GGAGGAGGGAAAACCAGGGCCAAAACCAAGGAAGGAAAAGGGGAAAAAAC CAAAGCCAAAAAAAAACAAAAAACAGAAAGGAAAAGGGGAGAAGAGGGAA AGAAGGGGAGACCAGACGAGGCCGGCCAGGAAGAAGGAGAAAAAAGGGAA GGGGACCAAAGAGAAAAGACCCAAAAAGGGGGAAAAGAGCCAAGAAAGAG A G G G GAA G GAGGGAAACGGAAAAAAGGGGAACCAGGGCCAGGAAAAAGGG G G G AA G G GACAGGAAAGGGGGGAAAGGGGAAAAAAAGGGAAAAAAAAAAA GCAAGAAAAAAGGGGACGGAGGGCCGGAAAGAACCGAAAGGAACCAAAAA
 A G G G G G G ACAAGGAAAAAAAGGAGGAAGGGGAAAAAAGGAAGGGAAAGG G G GAA G GACAGGAACAAGGGGGGGGGGGAAGGGGGGAATTAGAGAGGAA ACCAAGGGGAAACGAAAGAACAGAGAAGGAAAAAAAAGGAAAAGAGGAGA ACCGAGAAAAGAAGGAAAAGAGGGGAGGAGGGAGGAAAAAAAAGGCGAAG GAGGAGAGAAAGAAGGGTTGGAAAAGAAGGAAAGGGGGGAATTAACCAAC CCCCCGAAAGGAGAAGGGGAAGACAAAGGAGGGAGAAGGCCCCGGAAACA AAAGGGGAAGGAAAAGGAGGGGGGGGGAGGGGGAAAAGGGGAAGGTACC GGGAACGGAAAACCAAAAAGAAACGGGGCCAGAAAAAGGAAAAAAGAGAC GGCCGAAACAGGGAGAAGGAAGAAAACCGGAAGGAGGAGCGGGGGAAAAG

CAGGGAAGAAGAGGGAAGAAAGGAAGAGAAAAAAAGAAAAGGACCCAAGG AGGGAGAAAGCGAAGGGGGGCCGGGAAAGGAGCCAAAAGGAACCGAGGG GAGGGAAAAAAGGACGAAAGAAAGAGACAAAAGCAAAAGAAAAAAAAAAA GGGAGGGGGGGAAGGGGAGAAAAGAAGACAAGGGAGGGAAAAGGAGAGG AA G G GGGGAAGGGGAAAAAAAAAGAAAGGAGGGGGGCCGGGGGGGAGGC
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G GCAAGGGGGAGGGGGAAAGCCGGAAGGAGGAACGGACAGACAAGGAAA ACCGGGGGGGGGAACGGGGAGCCAGGGAAGGAACCAAGGCCGGGGGAGG G GAAAA G G G G C CA $\operatorname{A} A A \operatorname{A}$ GCAACGGGGGGGGGGGAGGGGGGGGGGGGGAA AGAGGAAAAAAAAGGGGGGAAGGAAGGGGGGGGAGAAGAACGGGAGACC AAAAGAAACCAGAAGAAAGGGGGGAGAAAAAAGGAGAACCAAAAAGGGAG AAAAAAGGAGAGAGGGGGAGAAGGAATTGGGGCCGGAAGGGACCAAGAG G G GAAAACCAGGGAAAGGGAGAAAACAAAGAGGAGGGAAGGAGAAAAGGG GAGAGGGCCGGGGGGAGGGCCGGCAGGAGGGAAGGGAACCCGGGGGGGG AAACAAAAGGGAAGGGGAGGGGGGAAAGGGGGAGGGTTGGAAGGGGCCA AAAAAGGGGGAGGAAGGGGAAGAGAAAGGAAGGAAGGAGGGGGGGAAAA GGGGGGAAAGAGGGGAAAACGAGCGGGGAGGAGAAAGGGGAAACAAGGC CAAGAGAAGAGAAAAAAAACCAGAGAGGGAAAGGGCAAACAAAAAAGGGA AAGACAAATCCAGGGCAAGAGAAGAAAGGAAGGGGGACGAAAACCGGGGA GAGGGAAACAAGAACAAAAGGAAGGGCGGCAGGAAGAAGTAACAGAGAAA GCAGGAAAACCAGGGAAAAGGCCCCAAGCAAGGACGAGAGGACAAAGAGG GGGAGAGAGAAACGCAAAAAAGGGGAGCCAGAAAAGAGGTAGAGAGGGGG GCCAAAGGGAGGGAAGGGATAAAGAAACAAACGCGGAGACAGGAAGAACA GAAAAGGGGAGGAAGCAAACCGGAACCAAGAAAAACAAAAGGAGGGGGGA AGGGGAGAGAACCAAGAGGAAAAAAGAAACAAGGGGGGGAGCACAGGCCG GAAAAGGAAGAGGAAAGACGGGGAAAAAAAAAAAACCAAGGAAAGAAGGG GAACCGGGAGGAGAGAGGAGGGACCAGGGAAGGGGAAGACCAAGGACCG GAAAGGAGGACACCAAGGGAAAGAGAAACAAGAAAGGGAAACCAGAAAGG G G G G G GAAAAAAGGGGGAGGGGGGAGAGAAGAAAGGGGGGAAGAAAAAA GAAAACCGAGGGAGGAGGGAATTAAAAAAGGAAAACCGGAGCCACCAAAC CGGAAGGAAAAGGGGAAAGAGCGGGGGAAAAAACAGACCGGGGAAAAAGG G GAA G G GAAGGGGGGAGGGCCAGAAGAGAGGAAGGGGGGGGGGAAAAAG GGGGAAAACCGGGGCCGGAACCAAAAACGAGGACACGGAGGAAAGAGGGG A G G A A G GCGGGGGAAGGGGAAGAAGGAGGGCCAGAGGGAAGAGGAACCA A G G G GCCGGGGAGCCAACAAAGGGGCCAAGGGGAATTAAACAACAAAAGC AGGGAAAGGCGCCAGGACCCCCCAAAAAAGGAGAGGGAAAAACACCCAAC AAAGGAAGAGGAAGGGGAAAAGGGGGGGAAACCAAAACAGGCCAGAAGAA CAGAGACAAGGAAGGCCGGAAAAGAAAAGGAGGCCGGAACCGGGGAAAAC C G G G G G G GCGGAAAACCAAAAAAAAAAGGGGAGGGGAGGAAAAGGAAGG GAAAGGATCCAAAAGGGGCCAACCAGGAGGAAAGAAGGGGAAAAAGGGAA G G G GACGGAAAAAAAAAAGAGGAAAAAGCCAGAGGATTAAGGAAGGCCGG GGAAGGCCAAGGGGCCAAAAGGAAGAAAAAAAGGACAAAAGGAAAACCAG AAAAAGGGGAAAAAGGGGACGGGGAGGGCCGGAAAAAAAAGGAGGGGGG GAAAAAAAAGGAAGGGGAGGAGAGAGGGGAAAGACAAAACCAACCAAACC CGGCCGAAGAAAAGAGGGGGAAAGGAACCCCAAAGAAGGAGAACAAAGGG G GAGAAGGGGGAATTAAAAAAAAGGAAAACCGGGGGAAGAGCCCCGGAAA AAAAAAACCGGGGGGGAGAGGAGCCGGGGAACCAGGAACAAGGAAAAGGA AGGGGAGGGCAGAAAGGAAAAGGGGAGAAGGGGAAAACCGGGGAAAAAAA AGGAAGGAAGAAACCGGAAAAGGCCAACAAGCCAACCGGAAAGGGAGGGA GGGCCGAAACAGAGAATAGGGCAAAGGGGAGAAAAGAGAGAAGCAAAAGA AAAAAGACCAGAGGGCAATGGAGAAAGAGACAACCCCGGAGCCAGAAGGT AGGGGAAGAGGGGCCAAGGAGAAGAGAGGAGAAAAAGGGGAGGAAGGGG AAACAAAGGAGGAAAAGGAACGAAAAAAAGAAAGGGAAAAGAGGAAAAAA AGAACCAAGAAACCAAGGGGAAGAACAAGGGAAAAGAGGGAGAGCCGGGG G G G GAAAGAAGGGGAACCAAGGGGGGAAGGAAGACAGAAGGGGGAGAGA AACAGAAAGATAAGGGGAAAAAGGGGGGGAAGGGGAACCAACCGGAAAGA GACCCAGGGGGAGGAAAACGGGGAGGGAAGGAGACAGAAAAAGAAAAGAA A G G G A G G G G A A G GAGGGGGGGAAGGGGAAAACAAGAAAAGGAGAAGGGG AAGGAAAAGGAGGGGAAAAAAAAAAAGGAAAAAAGGGAAATTAAAGGAAG GAGGAAAAGGGACAGGGGAGTTAGAATAGGGGGGGGAACCAGAAGGCCG AGGAAAAAAGGGGAAACGGGGGGGGGGGAAAGGAAGGAAAACGAACCAAA AGAAAAAACACCCAACAGGAGAAGGGGTTAAAAAAAAGGAGCCGGAGCCG GGGGGAAGGAAGGAGGGAGCAAAGAAAGAAGAGAAAAAGGGCCGGAAGAA AGAAGGACCAAGGAAGGAAGGGGGAAAGAGGGGAAAAGGAAGGAAGGAA GGGAGGGGGGAAGGAACCGGGGGAGGGGGGGGAAAAAGCAGGAAAAGGG GGGCCACGAAACCAAGAGGAAAGGACCAGGGACGGCCCCGGGGGGAAAGA GCCCCCAGGGGACGGAAGGGACCAACAGGAAGGGGAAGGAGAGAAAAGGG

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G G GAGGGGAGAGAGGGAGGCGGGGAGGGACAGCCAACAGGAAAAAGGAG AGGAAGGGGAGGGAAAAGGAGGGCCGGGGGGACAGGAAAGGAAGAGGCC G GAAGGCCGGGGCCGGAAGGAAGGAGGAGAAAGAGGGGGAACAAAAAAAA AACCAAGGCCGGACAAAAGGAGGAGAAAAAAGACGGAGAAGAGAAGGGCG G GAACCAAAAAAGAGGGAAAGGAGCCTAAAGAAAGGGGGAGGGAAAAAAA G G G GAA G GAA GAAACAGGCCAAAAGAGGAAGGAAAAGACACCCCGAAGGG G GAGAAACGGAAAGAAGGGGAAAACCGGGGAGGAAAAAGGGGGGGGGAA AAAGGCGAAGGAACGCCAAGGGGGGGGAAAAAGAGGAAGGAAAGATTGGA GAGAAAAGAAAGGAGAAGGGGGGAACCAAAACCGAGAAAAAAAACCCAGC CCAAGAAGGAAGGGGAAAAGGAAGGGGGGGGAAAAGAACAGAAAGGAAGA G GAAAGGAAAAGGGAAGAAAAGAAGACAACGGGGGAGAAAACAGGAGAAG AAACAAGGGAAAAGAAAAAATTACCAACCGGCCAAGGGGGGAACCGGAAA AAAAAAGGGAACGGGAGGAAGGGAAACTTAAGGAAGGAAGGGGGGAAGGA AAAGGAGCAGACCGAAGGAGGGGGGACGGAAGAAGGGAGCCGGAAGGGA AGGGAAAAAAGGAAAAAGGAAGGGCAGGAAGGAGGAGGAAGGGGAAGGG G GAAAAAGGGAAAGAAAAGGGGGGAGGGAAGAAGAGAAGGGAACCAACCG AA GAACCGAGGGGAAGGGGAGGGAAAAAAAAAAGGGAAAAGGGGAAGAGG GCCAAGGCCGGAAAGGACAGGAGAAGAAAAAAACCGGAATAAAGGGAAAA A G G AA G G A GAGAGAAAAGGGGGGGGGGAAAAAAAAGGGGAAAAGGCCAA GGCCAGCCAAGGCCCCAGAAAGGAGGAAGGGGAAGGGAGGAAAGACAGGG A G G G G GAA G G G G G GTTAGGGGAGAAGAGCAAACCAAAAAGAGAAAACCGG A G G G G G AA $\ln$ AAAACAAAAGGAGAAGGAGAGGGGGGAGGAGCAGAGGGGA AAAAGAACACCAGGGAAAAAAAAGGGGGCGGGGAAAAGGAAAGCCAAGAA AGAAAGAAGAGGGCCAAGACAGAAACCCAAGGAAAGAGGGGGGAGGGGGA AAAACGCGGGGAAGGAGAAGAAAGGGGGACCGGGAAACGAAGGGGAGGA AGGGAAAAAAAAAGAAAAGGCCAAGGAAAAGGGGGGGGGGAAAAGGAAGG AAAACCAAGGGGAAAAAAAACCAAGGGGAAAAAAAAGGCCCCTTAAGGAA CCAAGGAAGGAAAAGGAAAAAAGGGGAAAAAAAAGGAAAAAAAAAAAAGG GGGGGGAAAAAAAAGGAAGGAAAAGGAATTCCCCGGGGAAAACCCCGGCC GGGGGGAACCGGAAAAAAGGGGAAGGAAGGGGGGCCCCGGAAAAGGAAA AAAAAGGGGGGAAGGGGAAGGGGAAAAAA盍的GGGGAAAAGGGGGGAAGG GGCCAAGGGGGGGGCCAAGGAAGGAAGGAAGGGGAAGGAAGGAACCGGA AGGAAGGAAAACCAAGGAAGGAAGGGGCCAACCAAGGGGGGGGAAGGAAG GAAAAAAGGGGCCAAAAAAGGGGAACCGGGGGGAAGGTTAACCAAAAAAG GAAAAGGCCAAAAGGCCAGAAAGAGCCGGGGGAGAAGCCCAGAAGAAAGA ACCGGACGAAAGGCCAACCGGGGAAAGAGCCAAGGGGGGGGGGGACCGG G G G GAA G G G GAAAAGGGGAAGGAAAACCGGAGCAGGGGGGGAAACGCAG GAGAGAAGGCCAAGGAAAAAAGGAAGGAGAGGGGGGGAAGGGGGGGGGG AGAATTAAGGAACCGGGAAGACAGAGACAGGAGGAAAGAGAGGAGAAGAC G G GAAAGGCCGGAAAGAAAAGACCAAAGAACCAAAAGGAGAGGGAAGGGG G G G GCCGGCAGGAAGGGGGGAAAAAACCGGAAAAAAAACCAAGGGGAGGG CCAAAGAGAGGAGGGGGGAAAAAAAGGGGACGGGGAAGGGAGGGGGAGG GAAAGGAGGAAGGGGAAAGAGAAGGGGAGAACAAGCGGACAAAGGGAAGA AAAGGCACGAGAAATCCGAGAGGAAAAAAAGGGAGGGAAGAGGGGGGAAA AGGAGCCAAAAAAGGGGAAGGAAGCAAGGAAAGGGAGAAGGGAGGAGGG GGCAAAAACAAAGAAAGGAAAAGGAGGGAAGGAAGGACGAGAAGAATTAC GGGCAAAAAAGGAGAACAGGGAAAGAACAATAGGAGAGGAAAGAGAGAAC AAGGGAAGAAGGAAGGGGGAAGGAAGAGAGAAGAGAGAAGGGAAAGGGG G G A G A A A A G G G G GAGGGAAAAGGACGAGGGGGAAAAAAGAAAAAAGGACA GAGGACGCAAGGAGAGGGGAGAGAGAAGGGGGGGGGGGGGGGGAAGGGG AAAAAGGGACGGACAAAGGAAGACGAGCAGGGAGAGGAGGGGGAGGGGA AAAAAAAGGAGGAGAAGAGGGAAAGAGGGGGAGCCGGAAGGAAGGGGAA G GAACCGGGGAGGGGAGGGAGAGAAGCAAAACAGGAAACCAGAAGGGGG GCAGAAGGGGAAGGAGGGGGAGAGGCCCCACGAGAGGAAGAAAAAGGGG GAACGGGACGAAAAGGGGAGGAAAAGACAACCGGGGCAAAAAGGGGGAGG A GAAACAGAAAGGGGGGGCGCCAAAAAAGGAAGGCCGAAAAAAAGGGGAA A G G GACAGAGAAGGGGAGAGAGGGAGGGAGAGGGGGGGAGCCAGGGAAG G G G G G G G G G G G A G G A A A G G A G A G GAGGAAAGGAAAAGATAAAAAGGGAG GGGAAAAAAGGGAGGGGAGGACAACCCCAAGAAGGGGGAAACAGAGGGAA AAAAGGGGCCGGGGGAGGGAAAAAGAAAGGGGAAACGGCACAAGAAAAAG AAGGAAGGGACCAGACAGAAGGAAGAGGGGGAAGAAAAGGGGAAAAGGAA

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 G G G GAGGGGGGGAAAGAGAGGGAGAAAAGAAGGGAAGAGGGGGACAGAA ACCGGGAAGGGGAGGAAGGGGACAAGGGGGGAGAGAAAACCAGGGAAAA G GAAGGCCGGAAGGAAGGAAAGAGAGGACAGGAAGGAAGGGAGGAAAAAA AACCAAAAAAAAAAGGGGGGAAGGGGGGGGAAAACCACCCAAAAAAAAAA GGCCAACCAAGGAAAAAAGGAAGGCCAAAGAGCCAGGGAGGGGGAAGAAG AGAAAGCCGCAAGAATGGAAAGCAAAGAAAAGGGAAAAAAAAAAAAAGAG G G A A G G G G ACGCGGAAACGGAAAAAAGGAAGGAAGGAAAAGGGGCCGGAA GGCCGGCCGGAAAAGAGAAAAAAAGGCCAAGGAGAAGGCCGGAAGAGGCC AAAAGGGGGAAGAAAGGGGGAAGGGGACGGGAGGGGAGAGAGGGGAAGG CAAGGAGACGGGGGGAGAGAAAGAAGGCCGGGAGGGGCCGGGGGGGGAA CCCCCCGAGGCCACCCAAAAAAGGAAAAAAAAAAGGGGGGCAAGGGAGCC

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 G G AC G G GAGGAAGGGAGGGGAGAAAAGGAAAAGCAAGGAGGGGGGGACG GAGGGGGGGCCAGCCAGAGAAAGGAAGAAAAGGGGGACCAAGACAAAGGC CGGCCAACCGGGGAAAAGGGGAAAGGAGAAGAGAAAACCGGAGAGGAAGA AAAGGGGAGGAAAAGGACCGGGGAAAACAGGGAGGGGAGGGGGGAGAAG G G G A G G G G A A A A A G A GAGCAAGAAGGACGGGAAGAGGGCAGAACAGGGA
 G G G G G G GACGAGGCCGAAGAAGGGGAAACGAGGAGAGGAGGGGACCCGG AA G G A G G G G G A A A G G GAGGAAGGGGGGGAGAAAAAAAAAAAAGGAGAAG GAAAAAGAGAGAACCGGAAAAAACCAAAAGGAAGGGGGAGGAAAAGGGGA A G G G G G G G G G GAAAAAGGGGGCCAAAAGGAGAGGAAAGAGGGAAAGGCC CCGGCCAAGGGGGGCAGGCAAGGAGCAGCCAAAGAAAGGGCCAGCAGGGG GGGGGGGGCCGGAAGGAGCAGGAAGAAGGGGACAAAGGCCGGATCCAGG

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G G G G G AAAAAAGAGGAACCGGAGAGCAATGGAAGAAGAAGCACAAGGGGG GAACAAAGGGATTAACCAACCAAAAAAGAAAAGAAGGGGAAAAGGAGAAC CAAGGCCGGAAGGAGAAAAGGAAAGGAAGGGGGGAAAAAAGCCAACAAAG GGGAAGGGGGGCCGGAACCGGGGGGGACCGGAAGGAAAAGGAAAAGAGA CAAATAAAAAGAGGAAGAAACACCCAAGAGAAAGAACAAAGGCACACAACC AA GCCGGGGAAGGTTAAGAGGGATAGAGGAGGAAAGGGAGAAGCCACGG GGAGAGGGCCGAAAGGGGGGAAGGCAGGGAAAAACCAGGGAGACACGAA GAAACAGAGGGAACCGGGGCCGAGGAGAGAAGAAAGGAGAGAGAGGAAGA GAAGACAAACCAACCGGGGAAGAAAGATTGAGACAGAAGAACCAGAGGGC CACAGGGAGGGAAGAAAAGAACAAGGAGGGAAAAAGGGAGAAACCGGAAA AGGAAAGGAGAGGAAGGGGAGAAAGGGCCAGGAGGGAGAGGGGGAAGGA GGGGCCCCGGAAAGAAGGGGGAAAAAAGGAAGAGGGCCAAAGAGGAGGAA G GAAGGGGAAGACAAAAAAAAGAAAACCCGAGGGACAGAGGGAGGAAACC AGGGGAGGGGGAGGCCGGGGAACCAACCAGGGAAAGGAGGAAGGACAAG GAAGGGACCAAGGTTAAAAGGAAAAGGAAGGCCGGGGGGAAAAAAGGGGA ACCGGAGCCGGGGAGAAGGAAAAAGGAACAGAGAAAAAAAGGAAAAAAAA A GAGGGAGGGGAAAAAAGGAAACGGTACCAGGGCCGGAGCCGAAAGGGGA CAAGGCCAGGAGGAACCAAGGAAACGGAAAGAGGGGGAAGAATCCGAGGA AAACAAAAAAAAAGGGGAAAAAACCAAGGGGAAAAGGCCGGGGGGAAAAG G G G G G C CAACCGGGGGGGGGGGGGGAAAACCCCAAGGAAGGAAGGAAGG G G G G G G A A G G A A G GAA G G G G CCAAGGAAGGGGGGGGCCAAGGGGAAGGC CAAAACCAAAAAAGGGGCCAAGGGGGGGGCCGGAAAACCCCGGAACCAAG G GAAAGGGGGAGAGAAAGAGAAGAAAAGCGGAAAAGGAAAAGGCCGGCCG G G G G G A G A GAA G GAAGGGAAGAAAAGAGGGGAAAAAAAAAGAGGGCAAAG ACCGAGAGAAGGAAAAAAAGAGAGAGAAAGAAGAGAGGAGGGGGGAGGAA GAAAAGGGGGGAAGGACAGCAGGGAAGGGAAAAAAAAGGAAGGGGAACCA GAAGGCCAAGGGGCCGGGGAAAAGGAAGGGGGGAAGGAAAAGGAAGACC AAGGAACCAGGAAGCCACAGGAAAAAGGCAAAGGCCAGCCGAGGAAGGGG CCGAGGAAGGGGAACCAAGGGGAGGAAACAAGGGAGGGGAGACCAGCAGA AA G GAAAAGGAAAGAAGAAGGGGGGGCCGAGGGGACGAAGAACCAGAACA CCCCTTACCCCCAAAAAAAAAACCAAGGAAGGGGCCAAAGGGCAGGAAAA GGAAGGCCAAGGGGAGAAGGCCGGGGAAAGCAAAGGAAGGGGCCAAAAAA AAGGAAAAAAGGAAAATTAAAAGGGGAAAAAAAAGGGAAGAAAAAGGGAA AA G GAGACAAGAGGCCCCGGGGAAAAAGAAAAGGGGAAGGGAGAGACAGG GAAAGGAGAGCCGGGGGGGGGGGGCCAAAAAAAGACAGAACCAACCAAAG AGGGCAAGGAGGGACAGGGGAAAACCAAAAAGACAAAAGAGGAAGGGGAA A GCCAGAAAGAGGGAACCGGGGAGAAGAGAACGAAAAGCCAGGGAGGGAG
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G G GAGAGAAGAGGAAAGAGGGAGGGAGGGAAAACAGGGAGGGGGAGGAA GAGGGGGGGGAAGGGACCGGCAAGAAAGAGAAAAGGGGGGGGGAGGAAG GAAGGGGAAGGAAAAAAGAGGGGAGAGAGGAAGAAGGTTGGGGCCGGGG AA $\operatorname{la} A A \operatorname{A} \operatorname{GGGAAGGATAAGGAAGGGAGGGGGGACAAAAGGGACAAAAGAA}$ AAAAAAGAAAGAGGGAAGGGAGAAAGGAAAAGGGAAGAGAAGGGCCGAAA ACGGAAGGAAGAAAGGGGCCGGGGGGACCAGGGAAGAAGGAAAGCAAACC GAAAAAAAACGAGGAGAGGGGGAAGGGGGGGGAAGGCCGACCAGGGAAG GAGAACAGAGGAGCCCGAGCCGGGGAAAAGACCAGAGAAAGGGCCGGCCG AAGCCGACCGGAACCAAGGAAAACCCACCGGAAGAGGAAAACCCCACGAA GAAAACAAAGGAGAGGAGGAACCGAAAGGCCAGAAGGGGAAGGACAAGGA GGGGAAGAAGGGGAGGGAAGGAAAAGGAAAAGGAAGGAGAAGGAGAAGG GGAGAGCAGGAAAAAAGGGAAGGGAAACAGGGAAAAGAACGAGGAAGGCC AA $\operatorname{A}$ GGGGGCCGGGGGGGAGGAGGAAACCGAACAAGGGGGGGGAAGGGGG AGGTAAAGGAAGGGGAAGGGGGAGGAAGGCAGAGGAAGGGAAAGGAACC CCGGGGGAGGAGGGAAAGGGAGGAGGAGAGCAACGGAACCGGGGCCGGC CGGCCGAGACCGGAGGGAAAAGGCCAAGGGGAAGAGAAAGGGAACAGAGA GAAAACCAGGGGGACAGAAGAAAAGAAAAGACAGAAGGGAGGAGGCCGGA A G G G GAA G GAA G G G GAA G G GAAGAAGGGGCCAAAAAAGGGGGGAAGAAA CCAAGGGGGGGGAAGGGGAAAACCGGACGGAGGAAGGGAAAGAGGGACG GGGGGCAGGGACAAAAAAAAGGGAGGGGGAAGAGGCCAGGAAAAGGCACA ACCGGAGGGGGACAGAAAAAAAAAAGGAAAGAAGGGGGGGGGGAGAGAAA AAAGGACGAAGAAAAGGACAAGAAAAAGAGGAGAGAAGGGGGGGGGGGGG AAAAAAAGGGAAAAAGAAAACAAGGGGGAGAAGGGGGGAGGAAGAAAGGA AGGAGGAAGACCAGAAAGGGAACCGGAAGGCCAAAAGGGGACGGACGGGG AGAAAAGGCCGGGGAAGGAACCGGGGAGGGAAAAAAGACAGGGAAAAGAA AAGAGAAGGAGAAGAGAAAAACGAAAGGAGGACCCCAAACAAGAGGGAGG AGAAAAAAAGAGCCAAAGGGGGAAAAAAGAACAGGGAAAACCAGAAGGCC ATGGAATTCCAAAAAGGGAACGAAGGACGGCAAGGGGAGAGGAAAAGGTT GGAAGGAAAAGGGGAGAACAAAAAGGAAGAGGAGAGGAAGCGGACCACGG AAAGAAAGAGAGGGGGGGGAAAGGAAAACCACAGGGGAGGAGGGAGGGA AAAAAGGGGGGAGGGACCCAGGAAAAGAAGAGGGGGAGGCCGAAGCCCCC ACCAAGGAAGGAAAGCCCCAGAAAAAAAAAAGGAGCAAGAGGGGGAGAAC CAAGCCCAAGGGGAAAAAAGGAAAAGGGGGGGAGGGAAAGGGAATAGACG AGAAGCCGGAAAAAAGGGGCCGGAAAGCACAAGAGTAAGACCCAAACAGA AGGAAGGAAAACCCCAGTTTTGGAAAAGGAGGAGGGGAGAAGGGGCAAAC CGGAAGACCGGGAGAACGAGGAGAAGGGAAAAACCGGGACCCAAAAAAAA AGGGGAAGGAGAGAAAGGGAGCAGAAGGGAACCGAAAGAGAGAGGAAAAG GAAAAAAGGGGAAGGGGGGAGAAACGGAAAAAGAGGGGAGACCAAGGGG CCAAAAAAGGAGGACAAAAAGGGAAGGGGGAAAAAGTAGGAGGGAAAAGG GAGGAAGGAAAGGAAGGAAGAGGGGGAGAAACGGGGAAAGAGAGAAGAG AAAAAAGGGGAGGGAAGAACCACAGGAGGGAAAGGGGGGGGAGGGAAAA G G A G G A A A A A G G G G G ACCGGAGGGCAAAAA GAGGAAGGGAAAGAGGGGG G G G A GAGGGGGAAGGGGAACCAAAAGGGGGGGGAAAAGGAACCAACCAAA AAAGGGGAAGGGGGGAAAAAACCGGGGAAGGGGAAGGGGGGAAGGAAAA AAAAGGAAAAAACCGGGGGGGGAAGGCCAAAAGGAAGGGGAAAAAACCGG GGAAGGGGAAAAGGAAGGAAAAAAAAGGGGGGGGAAAAAGGGGGGACCG GCCAAGGAAGGGGAAAAAAGGAAAAAAGGGGGCAAGAAGAGAGGAGAAAA GAGAAGGAGGGACGAGAGAGGAAAAGGAGGGAAAGAAGGAAGGGGGGAG AGGAAAGAGGAAGGGGGGAGAGAAGGAAAACCCCAAGACCGGAAGGCCCC G GAAGAAACCAAGGAAAAAAGGGGGGCCAAAAGGGGAGGAGGACAAAAAA AACCAGCACCAGACGGAGGACAAAACGGGGAAAGCCGGAAAAGGAAAGGA AA G GCCCAGGAGGGGGAAGGAAGGAGCAGGGAAGAAAGGGAGGAGGAAA AA $\operatorname{A}$ GGGAGGGAGAGGAAAAAAGGGGACGGGGGGAAAAGGGGAGCAGGAG G GAACCGAGAGGAGGGAACACGGAGAAAAGTTGGGGGAGGAGCCAGAACA AAAGCCGGACCACAGAGGAGGGAAGAGGGGGGCCGAAAGAGGGGAAGGG A G G G G G G A GCCAGGGCAAGGAAGAAAAAAAAGGGGAAAGATGGAGGGAG AAAAAAAAAAAAAACAGAAAGGAGAAAAAGAAGGAACAGGGGAACCAAAA GAGGGGAAAAAACCAAAGGGAGGAGGAAAAAAGGAACCAAGGAGAAAACA GCGGGAGGAGAAAAGGAAGGGGCCGAGGAAAAGGGGAAGGAAAAAAGAG GAAAAAAGGCCGGGAGAAAGAAGCGACAGAAGGAAAGGGGGGGGGAACAC CGAAGAAGGACAACCAAACGGGGGAGAGGGACCGAAGGGGGGGTTGACGA

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$22038000-9$ A A G G G G ACGGAGAGAGAAGGGGAAAAAAGGGGCAAAAGAAGC CCCCAAGGGGGGCCGGGAAGGAGGCCGAAAGGAACCAAAAGGGGAAGAGG GACCGGGGGAAGACGGAGCCGGAGGAAGACAAGGAAGGGGAAGAAGAGA GAGACGGAGAAAGGAGGGACCGAGAAAGGAAGGCCAAAACCGGAGGAGAA ACAAGGGGAAACCAACCGGCCAAGGAAAAGGGGAAAAGGGGGGCCGGCCG G G A G G A G GAGGGGGGGGGGGGGGGAAAGGGGCCAAATAGGAAGGAGGGA GAAGGGCCAGAAAAAAAGAACCAGGGGGCAGGCAAGAAGAAAGAAAAGGG GGAGAAGGGGAAGGAAGGACAGAGAGAGGGCCGGGGAAACGAGAGAGAG AGGGAAGAGCCAACCAGGAAAGGGGGGAACCGGAAACCCGGAAAAGGAGA AGGCAAAAGTTAAGGAAAGGGGAAGAACCGAGGAAGAGAAATTCCGGGGC CGGGGAAAAAGAAGGGAAGAAGAAAAAGAGAAAAGGGCAAAACAGAAGGG GAAGGAAAGGAAGGGAAGAGGGGCCGGGGGGAAAACCAGAAGAGAAAGAA CAGAAGGAAGGAAAAAAGGAAAAGAAGGGAGGGAGGAGAAAGAAACCGAG AGGAGGAGGCCAGAAAGAAAAGAAAGGAAAAAAGGAAAAGGAGAGGACCA AAGCAGAGAAGGAAAGAAAAAAGGGCACCCCGGAAGGGGGGGAGGAGAGC AA GAAGAAAAAAAAACCGGAAGGGGCCAAGGGAAGGGCCGGTTGGGGAAA GGGAAAAACGAGAAAAAAAGAAGGAAATAAGCCAAAAGGGGGGCCAAAAG GAAAACCACAAGGAAGGGACCGGGGAAGGGGCCGGAAAAAGCCGGAACAA AGGAAAAAGAAACAGAGAACAGAAACAAGAAGGGAAAGGGGCCAAAAGGG GAAGGAAAAAGAGAAAACCAAGGAAAAAAGGGGCCAAAAGGAACCAAAAA ACCGGAAGGAAGGAAAAAAGGGGGGGGGGAACCGGGGAAGGAAAAAAAAA AAAAAGGTTAATTCCAAGGGGGGAAAACCGGAAAAAAAAAAAAGGGGAAA AGGAAGGCCGGGGAAGGAACCAAAAAACCAAGGGGAAAAAAGGAAGGAAG GAAAAAACCGGCCGGAAAAAAGGGGGGGGAAAAAAAAGGGGGGGGAAGGC CCCAAAAAAAAAAGGGGGGAAAACCCCAACCAAAAGGGGAAAAGGAACCA AGGCCAAGGAAGGAAGGAAGGAAGGCCAAGGGGAAGGAAAAGGAAGGAAG GAACCAAAAAAAAGGCCGGGGAAAAGGGGGGGGAAAAGGCCAAAAGGAAA A G GCCGGGGGGGGGGTTAAGGGGGGCCAAGGAAAAGGAAGGAAAAGGGG

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G G G A A G G A G G G G A G GCCAGAGAAGGACGAGGAAGGGGGGAGCAGGGGGA GGCCAGACGGCCAGGGAAGGGGAAAAGGGAGGGGCCGGACAGCCAAGAG AAACCGAGACAGGGACCACGGAAGGCAGGCAGGGGAAACAGGGAGCAACG GGGAGGGGGAGGAAGAGAGAGGGAACCGGGGGAAAGGAAAAAAGGGCAA AAAAAAAGAAAGGAAAGGAGGGGGCCTTGGGGAAGAGGGGAGGGAACCAA AAAGTACAAAGGGGCACACCCCCCAAAAGACCGGGGAACCAAGGGGGAAA AAGGAGAGCCAAAACCGGGGGGGGAACCCCGGAAGAGACCAAAAGGGAGA AAAAGGAACCGAAAGAAGAAAAGAAGGAGAAGAGGAAGGGAGGGAGGAAC AGAACCGAGGAGGAAGAGGGGAGGAAGGGGCACCAGAGGAAGGAGGAGG CAAAGAGAACCGGGGCAAGGGGGAGAGAAGGAAGGGGGGAGGGAAGGGG CCAAAAAAAAAAAAAAAAAACCGGAAAAAAAAGGAAAAAAGGGGGGGGGGG AAAAAAAAAAGGGGCCGGAAAAAAGGCCAAAGGAGGCCAGGGGGAAAAGG GGGAAGACCAACCGAGCAAGACGGGGAGAGGAGGAAAGGGCCAGAAGGAG GGGAGAGGAGAGAGAAGAGGCCGGGACAGAAAGGACAAAAAGAAGACCGG G G G G G G G G G G G GAGAGAAGGGGCCGGCCGGCACCGGGGGGCCAAAAGGG GAAGGGGAAAAGAAGGAAGGGAAGGAAAAGGACGAAGACGGGAGGAAAGA G GAA G G G GACAAGAGAGCGGGGGGAAGGGGGCCAAAAGGAACCTTAAAAT TAGGAATAAAAGGGAAAAAGGGAGGGGAAAAAGGGGAGGAGAAAGAACAG G G G G GCCGGAAGGAAAAGGGGGGCCCCCCAGGAGGAAAAGGAAGGGGAA CCAAGGAAAGGGAACCAAGGAAGGCCGGGGAAGAGGAACAAGGGCCAGAA G G A A G A G A G G G G G G G A A A G G AAAAAA G G G G G G G G G GCCAAA GCCAAGGG GAAAAAAGAGGAGAGAAAAGAGGAGGGGAGAAGAAAAGAGGGGGAGGCCA GCCAGGGACAGGGCCAGAGAAGGAAAGGAGGAAGGAGAGCCAAGGGGGG G GAA G GAAGGAAAAAGGAAAGGCCATCCCCAAAAGGGAAGGGGAACAAGG G G ATAAGGGGGAAGAAAAGAAAAGGGGGAAGGGAGGCAGAGGGGAACAG GAAAAGAAAAGCAAGGAAGGGCCGGGACCAAGGAAAAAAAACCAAAACCC CAAAAAAGACAAAAAAGGAGGAGGGGGAGGGGGAGAAGGAGAGGGGGCC GGGGGGGGAGAGGGCCAGGAGAGAGGCCAAAAGGGAAAGAGGGGAAAAA AGGGGCCAAAAAAGGAGAAGGGGAAGGAAAGAAGGAAAAGGCCCCAAGGA AAAGGGACAAAAGAGAAAGAGGGAAAACAGGAAGGGGAAGGAACAAGGGG AGAACGGGGAAACAGAGAAAAAGAAAGAAGAGGGGGGCAAGAGGGGGAG GGGGGAAAGGACAACCGAGGGAACCACAGGAACCCCGACCAGAAAGAGGG GAGGGGAGAGAAGGAAGGAAAAGGAAAAGGGGGGAAAGGGCCGGAGGAA G G G A G A A G G A GCGGGAACCAGGGGAGAGGGACAGGAAAGGAAAGGAGCA GGAGAGAAGGGGAGAAAGCCAAAACCAAAAGGGACAAAAAAAGGAAGGAG G G A A G G G G G G G GCCAAGGAAGCAAAAAGAAGGGGAAAAGAAGAAGGGGG GGAAAAGAAGGCCGAAGACCCGGGGAAGGAAAAGGAAAAAAGGAACCGAA AAAAGAGCAGAAAAGGGAGAGGGAAAGGAAAAAAAGGCCCAGGGGGAGAG G G GAA $\operatorname{G}$ GGGAGGGGGACAGAAGGGGGGAAAGAAGGGGAACCTTGGACCC GGAACCAAAAGAAAAGAAGATAGGGAAAGAGGAGGGAAGGGGGGAAAAAA AAAGGGCCGGGGAAGGCCGGCCGGGGGGAGGGGAAGGAAGAGCCAAGAA AGACCGGAGAACCGGGGAGAGAGAGTTAAAGAAGGGGAAGGAAAACCAAA AAAAAGGAAGGAAAAAAGAGGACGCCCGGAAGGAAAAGGGAAGCAGGAGA AATAGAAAACCGGGAAACCACGAGGGGAAAAAAAAAGAAAACACAAGAAG ACAGGGAGGGAAAAAAAAAAAAAGGGACCAGGGCCGACCAAAAAGCCAAA GGGCCAAGGAGAACAGGAAAAAGGAAGAAAAAAAAAAGAAGAACCCCCCA GCCCCCCAACCGGAAAAAAGGTTGAGGGGCCGGAAGGAGGAGAAACAGGG GAAAAGAAAAAGGAAAAGGTTGGGAGAGGCCAAAAAAAAAAGGAAAAGGG AGGAAAAAAAGGAGGAGAGACAAGGAAAAAGAGAGAACAGAAAAAAGAGG GAAAAAACCGGAAGGCCAAAAAAGAAGGGAAAGAAAAAAAAAAAGAAAAA AAAAGGAGACAAAGAAAAAAAGAGGAAGGAAAAGGGGGGGGGAAGAAGGA CGAGGGGGGAAGGACGGAAGGGACCACGGAGGAGGAAAAAAAAGGAACCG G G G G G A G A AAA G GCCAGGGAAAGAAAGAAGAAAGGGGAAAAAAGAAAAAG GCCCCGGAAGGAGCCAAAAGGACGGAAAAAGGGAAAAGGCCGGCCAAAGA AGGAACAGAGGGAAAGAAAGGAAGGGGAAGGGACCGGGGGGAACCCAGG AGGGAAAGACGAGGACGAAAAAAAGGAACCAAGGGGCCGGGGGGAGGAG G G GAGGAGGAAAAGGGGCCGGGAGGGGGGAAAAGGAAGGAAAAAAAGAG AA $\ln A \operatorname{AGGGAGAAAAGAGGGGAAGGAGGGAAAAAAAAGGAAGGGGGGAAG}$ GGGGGGGGGGGAAGGAAGGAAGGAAAAGGAAAAAAGGGGCCAACCGGCC GGAAAAAAAAGGAAAAAGGGATAAGGAAGGGGGGAAAAGGCCAAGGGAAC GAGGCAGAGGGGGGCCGAGGACTTACGGGAGGGGAACCGGCGCCAGGGA

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GAAGGGGGGCAGGGGGACCGAAAAGGGAAGAAACCAAAGAGAAGGGGAG AA $\operatorname{l}$ GGGAACCGGAAAACGCCAGGGAAAAAGGAGGGGAGGGAAAAGGAAGG AA $\operatorname{A} G \mathrm{G}$ GAAAGTAGAAAGAGGAGGAGGGGGGAAGGGACAAGCCGGAAGAA AAAGGTTAGAAAAGGAGGAAGATCACCCAGAGGAAGGAGCAGGGAGAAGC AA GACAAACCAAAGGGGAGAAGGGGGAGAGGCCAGAGAGGAAAAGGAAAA AAAGGAAGGAGGAGGGGAACCGGAAGGAAAAAGCCGGCCAAGGAGAGAGA A G G A GAGAGAAATCCGAGGGGAGAGAGGAGGGGGGGGAAACGAAGAGGG G G G G A A A A A A A G A G G G G G G G A A A CA G G GAACCCCGGAAAGAAAAACGGGG AAGGGAGAGAGACGGGCCGGGGGAAGCCAAACAAGGAACAAGAAAGCCAA GGAGGGACAAGGGGGGGAGAAAAAGGCCGGGGAGAAAGCCAACCGGGGC CAAAGAGAGGAAGAGGAGGAAAAGGGGGGGGGGGGAAAAGAGGGAAGAA GGGGAAAAGGGGGAACGGGGGGGAGGGGAGGGCAAGAAGGAGAAGGCCA AAGAGAAGGAAGGAAAGCCGGAAGGGAGAGGGAGAAGAAGAGGAAAGAGA AGAAAAAAGGACCAGGGAGGGGGGGGGGGGACCGGAAGGAAGGAAAATT G G G G G A G G G G G G GAGGGAAGGGAAGACCAAAAGGGGCCGGGGGGAAAAG GGGCCGGGGCCGGGGCCCCAAAAGGGGGGGGAAAAGGGGAAAAAAAAGG GGAAAAGGAAGGAAAAGGGGGGAAAAAAAAAAAAGGCCGGCCAAAAAAAA G GAA G GAAGGAAGGGGGGCCGGGGAAAAAGCAAAGGAACCAAAAGGGGG ACAAAAAAAGGAAAAGGGGAAGGAAGGAAGGCCAAGGAACCGAACAAGGA ACCAGGGGGGGAGCCGGGGAAGGGGGGAAGGGGCCAAAGAGAAAGGAAG ACGGCCAAGGAAGGAAAAGAGAGAAAGGCCAAGGGGCCAGGGGACAGAAG GGTTAAAAAAGGAAGAGGAAGGAGGGGGAGGGGGAAGGAGACGGGGAAG AAAGGGGGAAGAAAAGAGGAAGAGGGCAGTTAAAGAGAAGAAAGGGAAAA AGGGGAAGGAAAAGGGAAGGGAAAAGGAGCCGAAAGGAGCAAGAGCCGGA CCAAAGAGGAACCACGAAGAGAAAAGGGGGGAAAAAAAAAAACGGGGGAA G G A G GAA G GAA GAGAGGCAGGCCGGAGAGGGGAGAAGAAGGAAGACCGG G G G G G GAA G GCCAAAACCCCGAAGAGGAGAGGCCGGGGGGAAAGAAAAGA CAGGCAAGCCAAGGAAAAGGGGGGGGACGGGAGGGGAAAGAAAGGACGA AAAAAGGGGCCGGAAAAAAACGAGGCAACCCACGGACAGGGGGAAAAGGG GGGAAGGCCGGGGAAAAGAGGGAGGAAAGCAGGGGAAGGGGGGGAAGAA AAAGGGAAAAAGAGGAAAAAAACCAACCAACCAAAAAAGAGGGGGGGGAA AAAAGAAAAAGGCCCCGGAAAAGGGGAAAAAAGGAAGGGGACGGCAAGCA CAAGAAAGAAGAAAGGAAAAGGCCGAGAGGGGGGAAGGGAGGAAAAGGG G G G G G G A A G G A G A A G G G A G T T GAGGGGGGGGAACCGGGGGGGAAA GAGG AA G G GAGGGGGGAAAAAAGGCGTTGAAAAAGGAAGGGGGGGGAATTACAA CCAAAGAGGGGGAGGAGGTAGGAAAAAAAAGAGGAACAGGGGAACACAGA GGGGGAACGAAAAAGAGAAAAGAAAGGAAACCAAAAAAAACAAAGGGAGA AACCAAGGGGAAGGGAAACCGACCAGCCAAAGAGAAGAGAAAGAGGGAGG GGGAAGAACCGAAACAAGAGAAGAGGGGCCGGCCGGGGGGAAAACAGGGA GGAGAGAAGGAAGGCCAAGGAAAAAAAAAAGGAAGGGACCAGAGAAACGA GAGGAAGGGGAACAAAAAGAAAGGGGGGAAAGAAAAGAGGAAGGAAGGAA GGGACAAAAAAAGGCAAGCACCCCGAAAGGAAAGAGGAAGAGAGAGCAGA AAGGAAGGAAGGGGAAGGAACCAAAAGGGGAAGGCCAAAAAAGGGGAAGG GGAAGGGGAAGGGGGGAAGGGGAACCGGAAAAGGCCCCAACCAAAAGGAA G GAAAAGGAAGGAAGGGGGGGGAACCGGAAAAAACCGGAAGGGGCCAAAA GGAAAAGGAACCGGAAAAGGGGGGAAAGGGAGCCGGGAGAGGAGACGGG AGGAGAAGGGGAAAGAGCCAGGGCCGAAGGGAGAGAAAAGGCCCCGGGG G G AA G G GAAGGAGAGGAAGGAGGAGAAAAAGGGGAAAGGGAGCCAAAAAC A G G G AAA G GAGGGGCCAAACGGAAGGGCGGATAGAAGAGGAGCAAGGGG G GAACCCGGAAAAAAGGAAGGCCAGAAAAAGAGGGGGGGAAGGAGCCAGG AGGGGAAAACAGGCCAAGGAAAAGGCCAAAAGAAAGGAAGGCACACCGGA A G G A G AAAAAACCAAGGAAGGAAGGAGGAAAAAAAAAGAAAAAGGAAGAC AGAGGGGAGCCAGCAGGGGGGCCACAAGAGAAGGGGGCAGAAGAACCAAG G G GA GA GAAAA $\operatorname{A} A \operatorname{AGGGGGAAGGAAAAGGAAGGGGAAGGGGGGGGAAAA~}$ AAGGAAGGAAAAGGAAAACCGGAAGGGGGGAAAAAAAACCAAAAAAAAGG G G G G G GAAAAGGAAAAAAAAAAGGGGCCGGAAAGGGGGAGGAAACACCAA AAAGCCGGCAGAGGCAAACCAAAAAGAACAGGGGGGAGAAAGGATTGGAG CCCCCAACAGGAGGAAACGGAGAGCCGAGACCAAGAAGGGGAAAAAAGAG AGAAGCGGAGGCGACCAAAAAGGGAAGGAGGGGAGAAAAAGAAACCGAAA AAACGAAACCAGACAGTAAAAGGAAGGGGAGGAAGGAAAAGGGGAAGGGG CAAAGAAGAAGAAAGGAAGGGGAACGCGAAAGAGAGAAAGAGAGGAAAAG

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 AGGGGAAGGAAAACCGAGGAGAAGGGAGGGGAGGGAAAAGGAACCAAGG CСTTGGGGGGAGGGAAGGAAGGGGGGAAGGAAGGAAAAAAAAAAAAAAGA
 GCAA $\operatorname{CAAA} \operatorname{A} \operatorname{G} \operatorname{GGCGGGGGAAGAGGGAGGAAGCCAGGGGGCCGAAAAAAA}$ GAAACAGGAAGGGGAAAATTAAGGGGGAACAAAGGGGGGGGGAAAAGGG GGGAACCAAAAGGAAAAGGAACCGAAGAAAAGACCAACCAAGAGGAAAGC ATTAGAAAAAGCCAACCAGAGGGAAAAAGAAAGGGGAAAAACAAAAAGGG AAGGGAAGGAAGGAAGGGGGGGGAAGGAACAAGCCAAGGAAGGAAAAAAG AA $A$ AGGGGAGGAAAAAAGGGGGAGGGAGAGGAGCAAAACAGGAAATTGGA GAAGAGGAGGGAAAAGGGGGGAAGGAGAGGGAAAGAAAAAGGGAGAGGA

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 ACCGGAAGGGGCAAGGGAAAGCCAAGGAAAGGAGACAGAAAAATTGGGGG GAAGGACGGAAAGAAAGAGGAACGGAAAAAAGGAGACGGAAAAGGGGGGA CCCGAAGAAGAAGGGAAGGGGAACGGGACAGAAAAGGAAGGGGGGAAGG AACAGAGGAAAACCAAGGGAAAGGGAGAAGCAAGGAACGAGAAAGAAAAA AAAAGGGGAAAACAACAACCGGCAAAGGGAGGAGAAGGAAGAGGAGGGGG GAACGGGAGGGAAAGGCCAGGGGACCAGAGAGAGACGAGGGGAGAAAAG GAGAAAAGGAAGGGGAAAGAAGGGAGGACAACCAGAAGAGGAAGGAGAAA AAAGGGAAGGAAAAAGGAGAGGGGGGGAAGGGGAGCCGGAAAAGGGGGG GGGCGGGGAGAGAGACGGCCAGAAGGGGCCAATTAAGGAATTGGGAGGG GAGGGAAAGAAAGAGGGGGCCGAAAAAAGAGAGAAGGAAGGAAAAAAAGA CCCAGAGCCGGAAGGGGAAAAAAGGCCGGAAAAAAAAGGAGAAGGGGGCA AGAACCAGGGGGGCCAAGCGAAGGGAGGGGGAGGGAGAAGGACGGAAAG AAGGGGAGAAGGAAACGAAAAAGGAGAAAGACGGAAGGGGAAAAAATTGG GGAACCGAGGAGAGAGAAACCGGGGGCCACAACCAAAAAAAGGGAACAGG G G G GAGGGAACCTACAAAACACAGAGGACGAACAAGCCGGAAAAGGAGAG G GAAAAAAAAGGAAACAGGAAGGAGGGGGAAGGAAAACCCGAAAGGGGGC GGACAAGGCCGAGGGGGAGAGAGGGGAAACGGCCAAGGACGGGGGGAGC ACACAAACCAAAGGAGGAAAAGGAGGGGGAGAACCAAAAAAGGAAAAGGG AAAAAGGAAGGAAAAGGAGCCGGAACCGGAGGGAGGGGGAAAGGGGGAG A GAACCAAACAGGAGGGGAAAGGGGGGGGAACAGTTGAAAAAGGAAAGGA AAAGAAAAGGAAAAGGAGAGAACCGAGGGAGGAAGAGGAAGAGGGGCCAG GACCAAAGAAGGAGAGAGAAGGAAAGAAGAAAAGAAAAGGCAAGCCGGAA AA G GAAAAAGAAGGACCCAGGGGGAGAGAAAAAGAGGAGGGAACGAGAGG GGGGAAGGCCAGAGGGAAAAACGGCACAGGAACCCCGGGGAAAAAAAACC AGAGGAAAGGAGAAGGAGGGGGAAGGGGGGGAAGGGGAAGGGAGAAAAA AGGGGAACCAAGAAACAAGGGGGAAGGAAGGAAGGGAAGGGAAGGGGCC AA G G G ACAAAGGGAGAAAGGAAAAAAAAGGGGGGAAGGGAAGACAGTATT CCGGGAACGGGGAAGAGGAAGGAAATGGGGGGAAGGGGGAGGGGAAAAG GGGGGGGCCGGAAAAGAGAACAAGGGGAGGGAGGAAGGGAGGGAGGAGG CCGGAAAAGGCCGAAAGAGGGAAGAAGAGGAAGAGAACAGGAAGAAAAAG AGGGAGAAAAAAGAGGAGACGGAGCAAAAAGGAGGGGAGGAGAGAGACGA G G G GA GAAAGAGAAGGAGAGAAAAGAAGAAGGAAAGGAAGCCAGGAAGAA AAAGAAGGGGGGGACCCCGGAGGAAAGGGAAGACACAGAGAAGGGAGAAG GAGGACCAGAAGAAGGAAAAGGAAGACAAAGGGGAAACGGAGACGGGGGG A G G G G G G G GACCGGAAAAAAGGCCAAGGGGGAAGGGCCCCAGAAAAGAG GAAGAAAGGGACCAAGGCCCCGGCAACAAAAAAGGAAGGAAGAAAGGAAA GAGAAGGGGAAGGGACAAGAAGGCCGGAAAAGGAGGAGGAGAAGAGGGG AAAGCCGGAAGGGGGAGCACGAAAGGAGAGAAGGAAGACCGGCCGGCCGG ATAAAAAACACCGGGAAAGAAAAGAAGGGGCCATAGGGGGGGGAGGGGAG GGAAAGACAAGGCCGGGAAAAATTGAGAGAAGCAGGAAAGAGGAAAAAAA AAAAGGGAAAAAAGGACCACCCAAGAACGAAAGAAAAAGGGGAAAACAAA GGGACCAGGGAAAAGGGGGGCCCAGACAGAGAAGAGACCCCAGGGGAGG

GGGGGAAAGAAGAGGGGAAAAAGGAAAAAGGGAAGCCAAAGAAGGCCGAC CGAGAAGAGGGGAGGAGAAGGGGAAGGCAGGAAGGAAGAAAAAGGAAAAA GGAACAAAAAGAAAGCAAAAAAAAGGAAGACAGCGGGAACCGGGGAAAAG GAAAACCAAAAGGGGCCAGACAAGGGGAAAAAAAAGGGAGAAAAAGAGGG AGAAGAACCACGGGGAGGGTTAAGGGGACAGAAGAGACCAGGGGAAAGGG GGGGGGGAGAGCCAGGGCCCAAAGGGAAGGAGGAGGAAAGAAGGAGGGG AAGGGGAGAAGGGGGGGGACGGGAAGCCGGAAGAGGTTGACCAACCAAAA CCAAAGGAAGGGAAGGTAAGAGAGAAGGAAGGGGAGCCGAGGAGAGAGA GCCAAAGGAAAGCGAGAGGGGGGGGCCGGGGGGCCCCGGGAAGGGGAGA ACAGAAAAAAAAGAGGGAGAACGGAGAGAGGAAGGAGGGGAGAAAAGGGG GGAAAAAACCAAAAAGAGGGAGAAAAAAGGAAGGGGGAAGAGGGGGAAAG GGAGAAGGGAAAAGGGGAAGGGGGAGAAAGAGAAAGAGAAAAAGAAGAAG AGGAGAAACCGGGGGGGAGGAGAACCAAAAGGGGGGAAGGAGCACCAAAA AAAAAAGGCCCCGAAGAAGGAAGGAGAAGGGAAGAAGGAGACGGGGGGAA CCTTAAGAGGAAGGAGAAAAGGAAAAAAGAGGAAAAGGAAAACCAACAAA AAGGCCGACGCCAAGGGGAAGGAACCGGAGGGGGGGAAAAAGAAAAAAAA GGGGAAAACCGGAAAGAAGGAGAGGAAGAAAGAAACAGAAAGAAGGAAGG AGAAAGGAAATTGAAAAGGGGGGGGAAAGGGAGGAAAAAAAAGGGGGAAA TTACCCAGGGAAGGCCAAGGGGAAGACAAGGGGAAACAAAACAAGGGAAA AAAAAAGGAAAAAGAACCGGGGCCAAGGAAGGAAGGGAGGAGGAAGAGGG GGAAAAGGAGGGAGAGGGGAGCAAAAAACCGGAAGGGGAAGGAAAGGAA GGAAAGAGGGGAGGGGGGGCCAAGAGGACAAAAAGGGGGGGAGCAGAAA CCGGAGGGAAGGACAAGGGAAGCCGGAAAAAAGGAAAAACAGTTAAGGAA GAGAAAAAAGGGGGAGGAAAACAGGAAAAACCAACCAAACATAGAGAAAG AA GGAACCAAGGAAGGAAGGAGAAAGGACAGGGACCAAGGGGCCGATAGA AAGGGGCCAAAAGGAAAAGAAAAAGGAAGGAAAAAAGGGGGGCCGGAGAA GGGGAAACAAAGAAGGGGAAAAGAAAAAGAGGAAAAGGAACCGGAAAAGG AAACGGGAAAAAGACCCCAAAAAGAAGGGAAAAAAGGGAAACGGACGAAA GGAGGGAAAGAGAAAGGAGAAAGAGGGAAGGGAAAAAAGGAAGGCCGGAA GGAAGAGGGGAAAAAAGGGGGAGAAAAGGGAGAGAAGGGGAGAAAACAG GCCAGGGGGGGTTAGGGAAAAAAAGAGAGGGGAGGGGGGAAGAGAGAAG ACGGAGAGAGAAGGGGGGGGGGAACCGGAAAAGGGAAGGGAAAACAGGC AAAGAGAGAAAGAGAAAAAAAAAGAAAAAAGAGGGAGAGGGGGAGAACCA ACCAAGGAAGGGGAAAAAAAAGGGGGGAGAACCGGAAGAGGAAAACCAAG GGAGGAAAAGACAAGAAGGGGTTAAAAGAAACAGGAAGGAAAAAAAAGAA AAAGGAGAAAGGAAAGGGGCCCCGGGAAGGAAGAGGGGAGGGGAAAAGG GGGGAGGAGAACGAAGACAGGGGAGGGGGGAACGCCACAGGGGGGAGCA AAAGGAAAAGAACGAGGAAGAAGGAGGAAAAGGGGAACCAAAAAGGGGGG GAGAGGACAAGAGAGAGAAAGAGGGGGAACACAGAAGAGAGGGGAAGAAG GGGGGGGGGGGCAAGCAACGGGAGAGAGGGGAAACAAGGGGGAAAGAGA ACACGGGGAAAGAAGAGAGGAAAAGGGAAAAGGAAAGGAAGAGGAAAGGA ACGGCCCCAGGGGGGGAGAGGAGGGGAAGGAAAGAAAAAGGGGAGGCCG GAAAAAGGGGGGGGAGGGGGGAAGGACAAGGAGAAAAAAAAAAGGAAAGA AGGGAGGAAAGCCGAGGAGGGGAAAACCCAAGGAGAAGGGGACCCAGGGA AAAGGGGAAAAGGGAGAAAGGGGAAAGGGCCAGGGAGACAAGACCCCCCA AGGAAAAGGAAGGCAGAAAGAAAGGAAGGGGGGCCGAAAAGCAGGGGAAC CACGGGGAAAAAAGGGGGGAAAACCAACCGGGGAAAAAAAGGGGAAGAGA AAGAAAAATCCAAGGAAGGAAAGACAAAGGGCCAGGGAGACAGGGGGAAG GAAAAGGGGAGAGGAAAGGGGGGAAGGCCAGCCAAGGAAAGAAGGAAGA GGAGAGGGGAGGAGGGGAAAGAAAAAAAAAGGGAGGGGGAGAGAGAAAG GGAGGGGGGAAGGAGGAGACCAGGGAAGGGGGGGGGAGAGCAGGGGGGA AGGAGGAGCCGAAAAGGGGAAAGGGGGGAACCGGAAAAAACCCGGGAAGG AAGGGGGGCCGACCAAGGAGGAGGAGAAAAAAGGAACCAAGGAAGGGGAA AA GGAACCAACCAAAAGGCCCCGGAAAAGGGGCCCCGGAAGGGGGGACAA GGGGAGGAGAGGAGGGAGGAAAAGGGGAAAGAAGAAGGAAGGGGGGAAA AGGGGCAAGGGGGAAGGAAGGAAGGGGAGGAGACCGAAGGACCGGAAAA AGAGGGCAAGACAGGGAAAAGAAAGGAAGAGAAGGAGAACGGAAGGAAAG CCAAAGGGGGAGGGAGGGAAGAAAGGAGGGAAATAGCCACGGACAAGGG GGGGGAAGGGGAGAGGGGAAGGACCGGGGGGAAAGGAAGAAAAGGGGAA AAAAAGAAAAAAGGGCGGGGGAGGAAAAAAAGAGGGCCCAAAGGGGAAAA GGAAGGAAGGACGAGGGAAAGGGGAGAGAAAGGGGGAAGGGGAAAAGGC

AACAAGGGGGGGGGAGAGGGGACACGAAAAAAGATAGAGAACCAAGGAGA AAGAAAAGGGAGGAAAGCACCAGGAAAGGGGGGGGAGGGAAGAGAAGAAA CGAGGAGGGAAAGATAGTTGAGGAGGGAAGGGAAGGGAAAGGGGAAGAG AAAAGAAGAAGGGAGCAGGGGAACGGGGGGGGGGAGAGAGAAAAGGGAA AAAAGGGGAAAAAGGAAGGAGGGGGGGGGGACAGACCAAAGTTGAAAAAA CGGAAGGGGGAAAAAAACCGGGGAAACAAGGAGGGGGGAAGAGACAACCC CAAAAGGGGAGCCCCACGAAGCCCACAGAGCGAGGGGAAACGGAGGAGAA GGGACCCGGAACCGGGGAAGGCCCCGAGAAAAAGGACAGAGAAGAGAGGA AA GAAAAACAGAGAAAAGGGGAAGGAGGACCGGCCTTGGACAACAGGAGA AAGAGGAAGGGCCGAAGGGAGAAAAGGAAAAGGAGGAGGAAGGAAAAAGA GAAGGGAAAGGGGCCCCAAACAAAAAAGAAGAGAACCGGAGGGGGGGGGA GACAAGGGGGGGGGGAAAAGGAAAAGGAAAAAAAAAGGGAAGGCCAAGGG GAAGGAAAAGGCCACAAGGACGGGAAAGGACGGGAAAGAGGAAAGCAAAG GAAGAAAAGAGGAGGCCAAAAGGGGCCAACCACCAAAAAAAAAAAACGGG AAAACGAAGACGGGGCAGGATAGGGAGGGGGAAGGAAAGAAAGGAAACCG AGAAAAACCCCCCGGGGAGGGGGGGCCAAAACCAAGGAAAAGGGGGGAAA AGGGGATGGGGGGAAAAAAGAAAACAAAACCGGAAGAGAAGGGGGAGAAA AGGAAAACCGAGGAAGGCCGAGGGAGGGGACCCCCAGAAAAAAGAGACCA AAAAAAAGCGGAAAAGGAGAAGGGGAACACCAGAGGGAGAGAGACTAAGA GAGGAAGAGACAAGGAGAGAAAAGGAAGGAAGGAAGGGGACGGAAGGAG AGAGGGCAAGGGAAGGGGGGAAAAGGGAGGCCCCAGGAGGAGAAGGAGG GAAGGGGAAAACCAGAAAGGAAAGGAAACCAAAGAAGGAGGAAGGAAAAC AGGGGGAAGCCAAAAAGGAGATAACGGAAAAGGCATTAGGAAGCCGGGGA AAAGGAAGGAAGGGGAAAAGACAAAAGAAAACCGAGACCAGAGGAAAACG AAAGGAAGGAAAGGGGAAGGGAAAAAGGGGAGAGGGGAGAGAAAAAAGG TTAGGGGGAAGGCGGGAGGAAAGGAAGGAAGCGAGAAGGAACGAGGAAA GCCACAACCGGAGAAAAAAAGCAGAAAGGAACCAAACACAAAACGAACCCC GGGAAGGACCGGAAAAGGGAGGAAAGGGAGGAGGAGGGAAAGAGAGGGG GGGGGAGGGGAGGAACCAAAAGGAAAAGAAGGGGACAACGAAAAGGGGG GAAAGACCAAGGCCTTGGAAAACCGGAAAGGGAGAGAGGAAAGGAAGGAA AAGGCCGGGGAGAAAAAAGGAAGGAAAAGGCCGGAAGGGGGGGGGGAAA AAAGGAACCGGCAAGAAAGGAGGGACAGACAAAAAGGGGAAGGAAACGGA AAGGGAAGGCCGGAAAGAAGAGGCCAAGAGGCCCAAGGGAGAAGGCAGGG GGGAAAAGGACAGAAGAGGCAGGAAAAGGAAGAGGAAGGGGAAGAGGGG GGAGAGGGGGGGGGAAGGGGAAGGGGAACCGGGGGGAAAAGGAAGGAAA AAAAAGGGGGGGGGGGGGGGGGGCCAAAACCGGCCAAAAAAGGAAAAAAG GGGGGAAGGAAGGGGCCAAGGGGCCGGCCCCAACCGGCCGGCCAAAAAAG GAAGGAAGGAAGGAAGGAAAAAAAAGGGGGGAAAAAATTGGGGCCAAGGG GGGCCGGGGAAGGAAGGCCGGCCCCCCAAGGGGCCCCCCGGCCAAAAGGC CGGAAGGGGGGAAAAAAGGGGAAGGGGAAGGAAGGGGAAAAGGGGAAAA CCAAAAGGGGGGGGAAGGGGAAAAGGGGAAAAAAGGGGGGGGAAGGAAA AAAAAAAGGGGAAAAGGCCGGAAGGCCAACCAAGGGGTTAAGGAAAAAAG GAAGGGGAAGGGGGGCCAACCAAGGGGAAGGGGGGAAAAGGGGAAAAAA GGAACCGGAAAAGGAAAAGGAAGGGGGGAAGGAAAAGGAAGGAAAAAAAA GGAAAAAAAAGGAAAAGGAAGGTTGGGGAACCAAGGGGCCAAAAAAAAAA AAGGAAAAAAAAGGCCGGAACCGGCCAAAAAAAAAAGGGGAAAAGGAACC GGAACCAAAAGGAAGGTTAAGGAAAAAAGGAACCAAGGGGGGAACCAAGG GGGGGGGGAAGGGGGGAAGGCCTTAATTAAAAAAGGCCGGGAGGAACCG GGACCAAGGGGTTCAGAAGGAAGAAAATAGGAAGACCAGAGAGAAAAGGG GAAGAGAGAGAAAAGGGCAGGGGGAAGGGGGAAGACAGGAGCCAAAAAG GAAAGGGGGGAAGGTTGGCGGGGAAGAAGGAGGAACACGGCCGGAAGGA AGGAAAAAGGGGGAAAGGGAAAGGAAAGGCCAAGGCCAAAAAAGGAGAGG AACAGGAGAGGCAGAAAGGGAAGAAAAGGAGAAGAGGGGAAAGGAAAAGA A G GAAAAGGAAGGGGGGGGAGAACCGGAGGGGGAAAAAAGGGAGGGACG ACGGCAAAAAGGGGAGGGGGGGAAAAAAGGGAAAGGAAAGCCAGGGGGG GACGGGACAAGGGAGCCGGAAAAAAGGAGAAAACAGATTGAGAGAGAGGG GGGGGGAAGCCAAAAAAAGAAAACCGAAAAAAAAGCCAATTGGAACCAAG GGGAAGGGGGGGGAAAGAAGGAGAAAGACCAGAAAGAAAGGGGGGGGAA AAAAAAGGGGGGAGACGAAAAGGGGGAGAAAGGGAAAGAGGGGGACAAA GGCCAGGAAAAAAGGCAGAACGAGAGGGGGAGGAAAGAAGGAGGGGGAC GAAACCGAGAAAAAAAGAAACCACGGGAGGAAAGAGCAGAATGGAGGGGA

G GACGGAAAAGACCAAGGAAAAAGAGACGACGCAAGGGGAAAAAAAGGGG GACGAGAAAGGACCGGAAGGGAGAAGCCCCGGCCGGAAGAGAGAGGGAAA GGGGGGGGAAAAGGAAAGGCAGGACCAAGGCAGGGGACGAAAGGGAAAA AGGAAAAGAGGAAAAGGGGGGGGGGGGGGGAAAGGGAAGAAAAGGGGAA G G G GAAA $\ln$ GAAGGGGGAAGGGGGGCCAAGGGGGGGGAGGAAGGAGAAGG A G GAA G GAGGGCAAAGGAAAGGAGAAGAAGGGGAAGGGAGGAAGGAGAG
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 G G GAAGAGAACTAGAAAAAGGCAGGAAAAGGGGAAAAGGGGGGGGAAAAA A G G CCA GAGGGAAAGAGGGCAGGGGAGCAAGAAGGGAGGGGGGGGGGCC AA G G G GAACACAGAGGAAGAAGAAGGGGAGAGAGCCGAAGACAGAAGAGA AAAGAAAAGGAAAGGAGAACACGAAGGAAAGAGGAGGAGGAAAAGAGGGG GGGGGAACACACGAGGACAGAAGGAAGGAAAACCCAAGAAAGAAAGAAAA AAAAGGGGGGGGGGGAGGAACCAGCAGGAGGAAAACGGAAAAGAGGACA GCACCAAGGAACCGGGAGGGGAAAAAAAGAGACCCAAAAGGAGGATACCG ACCAGCCAGGGGGGGAAAAGGCCAAGGGAAGACGAGGAACCCCAGGGCCA A G G G G G G G G G GCCGGAAGGGGGGAAGGAAAAGGGAAGGGGGAAGGCCAA GGAGAGGGGGGGAAGAGAACGGTTAAAGGGAAAACAAGGGCCGGGGCCA G G G G GCAGGCAGGACAAAGGGAAGGCCGGAAGGAAGGGGAAAAAAAAGG

CCGGGGAAGGAAAAGGACAGGAAAGGAGAGAGAGAGAAGGAAAGAGAGAG CACCGGAGAAGAAGGGCCAAAGAACCGCGAAGAAGGAAAGGGGGAACCAG AA G GAGGGGAGGAGGGAAGGGGAACAGGACAGGGGGGGACGGGGAAAGG GGGGGCCAGGAAAAGAGACAGAGAGGAAGAAAAAAAAGGAAGGGGAAAAG GAAGGAGGGGGAGAAGAAAAAAAAGGAGGCCCCCCAGGGACGAGGGGGAA GAGGAGGGGGAGGAGAAACGACAAAAAGGAAGGGGAAAGGAGGGGGGGG AA $\operatorname{l}$ GGAGGGGGAAGCCAAGAAAAATAGGAGCACACAAGGGAGAGAAAAGG GGAAGAAGAAGGGAAGAAGGGGAGAGAAGGGGGGAAAAGACCAAGGAACC AAAAGGGGGGAAGCGGAGAGGGGGGGGGGGAGAAGAGGGGAAGACAGGA GAAAAGGGGGGAAAAGGGGAAGAGGGAAAAGGAGGAAGCAGGGGAAGGA GGGGAAGGAAAGAAAGGGCCCCGGAGGGAAGGCCGACCAAGAAAAAAATT GGAAGGGGGGAAGGGGAAAACCGGGGCCGGAAGGAAAACCAAAAGGAAG GCCAAAAAAGGCCAAGGAAAAGGAAAAGGGGCCAAAAGGGGCCAAAAGGG GGGAAAAGGCCGGGGGGGGGGCCGGGGAAGGAAAAGGAAAAGGGGGGGG AAAACCGGGGCCGGGGGGTTAAGAAAAAGGGAGAGGACGGCCGGGGAACA CCGGGGGGGAGGGAAAAGGGGAGGCCAAGACCGAGGAGAAAAGAGACAG GGGAAGAGAAGGCACCCAACCCCGGCAGGGAAAAAGGGGAGCCACCCGAA GAAAGGAAGGGGGGGAAAGCAAAGGAGGGCCGAGGGAAGAAAAGAACGG GGAGGAGGAGGGAGGGCCAGAAAAAACCAAGGCCAGAGGGCCGGGGAAAA GGAGGGGGGGGGAAGGGGGGGGCCGGGAGGCCAAGGGCAAAAACGAAGG GAACAACAGGGAGGACCGACAAAGAGGGGAGGAGGAAGGGAGGCCAAGG GGGGAGGAAAAAAGGCGAAGGAGGAAAAGAAAGGAAGGGAAGAATAGGAG CCAAGGGGGGAAGGAAGAAAGGAACAGAAAGGCCGGCCAGAGAAAAGAAA AGAGGGAAGGAATTGGGGAAAAGGAAAGAGGAGAGGGAGGGGCCAAAAG GAAAGGGAGGACCAAGAGGAAGGGAAGGAGGACAAGGAAGACAAAGAGAG AAAAGGAGAAGAAAGAAAGGGGGGGGGGGAAGAAGAGACGGGGAGGAGA AAAAAAGGGGGAGAGGCAAAAGGGGAAGGGAAGAAGCAGGAGAGAAAAAG AGAGAGGGGGAAAAGGGGGAGGAGAAAGGGGGGGGGGGCCACCCAAGGG GGGGGGAACGAAGGGGGGAAAAAAAAAGGAAAGAGAAAAAGAAGAAAAAA GAAGAAGAAAGAGGGAAAAAGAACAACAAGAAAAAGAAAGGGGACGAAAA AAAGGAACAAAGGGGGGAAAAGGAAAGGAGGAGGGACAGGAAAAAGGGGA GGGAAGAGAAGAGGGGGAGAGGACAAAACGAGGGAAGAGCAAGAGAAAGA GAAAAGGGGAACAAGAACCAGGGAAAGAGCAGGGGAAGAGGAAAAGACCA AAAAAGAAGAGAGAGGGCAAGAAGGAAGGAAAAGGGAGGAGGGAGAGACC AGGGAAGAGGAGGACAGGGAAAAGGAAGAGAAGAAGGACGAGGAAGGAG GAGGAAAGAGCCGGAAGGGGAAAAAAAAAAAAGGAACCGGGGGGAAAAGG CCGGCCGGCCAAAAGGAAAAAAAAAAGGGGAAACGAAGAGCAGAAACCAG GGACAGAAAAAAAGCCAGAAGGAGCAGGGGGAACAGGGGGGGGGAAACAG AGGGGACCCCCGAGAGAAAAGGGGAAAGGAAAAAGGAAGGGAAAGGAAGG GGGGAAAGGAGGAGAGAGAGGGAAAGAGGGGGAAAGCCCCGGGAAGAAC CGAAGGAGGAAAAGGGAGGCAAAAAGGGGAAAAAAAACCAAAAAAAAAAG GGGTTGGGGAAGGAAAAAAGGGGAAAACCGGCCCCAACCGGGGGGAAAAA AGGAAGGGGCCGGGGCCGGGGCCAAAGAGAGGAAGGGAGAAAGGAGGAA ACGGAGGGAAGAAGGGAAAGGAGAAGAGGGGGGGGGAAAAAAAAAAGAAA GGAAAAGGGGGAAGGAGGCCAGAAAAGGCCGGAGAAAAGGGGAAAACCGG GGAAGAGAGAGAGAGGAAGGAAAGTAAGGGAGGGAGGAGGGGAGAGGAA AAAAAGGAAAACCGAAGAGGGAAAGGAAAAACCAAAGAGAGAGAGCAGGG GCCGGGGAAAAGGGAAAAGGGGAAGACGAAGGAACCGAGAGAGACAGCAG GGAAGGACCACAGGAACAAGGGAAAAAAGGAAGAGAAAGATAAAAGGAAG GAAGGGGAAAAGGAAGGGGGGGGAAGGGGAAAAGGCCGGAAGGAAAAAA GGGGGGAGGGAAAAGGGGAGGAGGAAGAAGAGGAAGGAAGGAAAGAAGG GAACCACACGGCCAGGGGGAAAGGGCCAAATGGGGGAGGGAAGCAGGGAA GGGGGGACCGGAAGGAAAAGGGGAAAAGGGGAAAAGGAAGGCCAAGGAA AAGGAAAAAAGGAAAAAAGGAAGGGGAAAAGGAAAAAAAAGGAAAAAAAA CCACAAGCCAAAGAAAGGGGGGGGAAAGCAAGAGAAAGGGACGGGAGAGG TAACAAAAGGCCAAGGGGGACCCCGGAGAGCCGGAGAAAGTTGGGACAGG GAAAGGGGCCACAGGGGAGGAAAAAAAAGGACAAGGGGAAGGGGAAAAGG CCCCGGCCGGAAGGAAGGGGAAGGGGAAAAGGCCAAGGAAGGAAGGAAAA GGCCAAGGAAAAGGAAGGAAGGAAAACCAAAAAAAACCGGGGGGGGGGGG AAGGCCGGAAGGGGAAAAAAGGAAGGAAAAGGGGCCAAAAGGGGAAGGAA GGAACCAAGGGGGGGAAAGGAAAGAAGGGACAAAGAGGGAAGGCGGGAG

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AGAAGGAAGGGGGGGAAGCCACAAGGGGGGGGAAGGGGGGGAGGAAGGC CAAAAAACAAAGAGGAGGGGGAAGAACGACCGAAAAGAGGAAAAAGGGAG GAAGACAGGAGAGGAACGAAAGGAAAGAAAAGAAACACAGGGGAGACGCC CGGGAAAGGGAAGGGAAAAAGGGGGGGGAGGGGAAGGAAGAAAAGAAAA AAAGAAAGGGAAAGAACCGAGGAAAAAAAACCAGGGGAGAAGAAAACCGA AAAGGAGAGAAGGAAGAGGGAGAGCCAGAAAGGGGGCCAACCAAGGCCAA G GAGGGAGGGGGAGGAAAACCCCACAGAAGACGGGGAGCAGGAACCAAGG GACGCAGAGGGGAACCGAAGAGAGGAAGCAGGACAACCCCAGGGGGGGG GAGGAGGGGGGAGGAGGACGGAGAGGGGAACAGGGGAGAAAAAGGGGGA GGGAAGAAGAGAGAGAAACCAAACAGCACAAGGGCAAGAGGGAAGAGGAC GACCGGAAAGAAAAAAAAGACACAAAGAAAGGAACCAAAGAAGGCGAAGG AAAAAAAAAAGGGGGGAAGGGGGGGGGGGGCCGGGAGAGACACCGGCCG GGAGGAAGAGGCCAATTAAAAAAGGCAAAGGGGAGAGCCAAGGAGCAAGA GAAGGGAGGGGAGGGGAAAGGCCAAAAACGGCCAAGGACGAGGGAGGAA AAAGAAAAGGAGAAGGGGGGAGCCAGAACCCCAGAGCCGAAGGGAGGGCC GGAAAGGAGGGAAAGGACGGAAAGACAAAGGGAGGGCCAAAAGAGAGAGG CAGAGAGAAAAGCACCAAGGGGAGCCCCAAAAGAAAAAGAAAGAGGAGGA GGGGAAGGGGGAAAGGGAAGGAAGAGCCCAAAAAGAAGGGCCAACCAGAA CCAAGGGAGGGGGGAAGGGGGGAGAGGAGAGGCAGGGGAGAAAAGAAAG GGGGGAAACGAATGGGACCACAAGGGGAAGGAAGGAAGGGAAACGAACCA GGAAGCCGGGGCAAAAAAACCAAAAAAAAAGGGCCAGGAGGCCCCCACCG G GAGAGAGGAACCAGGAAGAGAAAAGAAAAAGGAACCGGGGAAGGAAAAA AGAGGGGAACAAAAACCCCAGGAGAAGACAGAAAACCAAGAATAAGAACG G G G GAAA GAGAAGAAGGCCAGGGAATACAAAGGGGGGAAAGAGAAACGGT TCCAAGGGGGAAAAAGGGGAGGGGGGGGGAAAAGGAAAAGGCCAAGGAA GGAAGGAAGGGGAATTGGAAAAAAAAAAGGGGGGGGGGGGAAAAAAAAG G G G G G G G G GCCGGAACCGGGGAAAAAAGGAAAAGGGGAACCAAAAGGGG GGGGCAAGGAAAGGCCGGAAGGAGGAGAGGTTAGAAGGAGAAGAAAGGA AAGAAGGGGGGACAAGGGGGGCCACAAAGAAGAGGAAAATAGCGAAAACA GGAGGAGGGAAAACCAAGGGGAACCGGGAACACCCGGAAAAAAACAGAAG AAAAGGAAGAGGGAGAAGGCGCAGGCCCACCAAAAGGGAAGGAGAGGAGA AAAAACCGGCCGGGAGGAAAAGGAACCAGAAAACACAGGGAAGAGAGGAG GCCGAAAAGAAGGGGGGAGAGGGGGGGAAGAAGAACCGGGAAGAACCAA GGGGAACAAGAGAGCCGGAAGAAGCCGGCCGGGGGGGGAAGGGGGGAAA CGGGGGGGGGGGGGGAAAAAAGATTGACCGGAAGGAAGGAAGGACGGAA AGAGAGGAAAAAAGAAAAGGCCGAAAGAAGGGGGGGGGAAAGAGGGACAA CAAAGGGGAGCCGGAAGGGGCAGGAGAAGGCCGGAAGGAAAAAAAAAAGG AAAAAAAAAACCGGGGGGCCAAGGGGAAAAGGGGAAAAAAGGGGGGGGAA CCGGAAAAGGAAAAGGGGAAGGGGAACCAAGGAAAAGGGGAAGGAAGGG GGGGGAAAAGGGGAAGGAAAACCGGAAGGAAGGGGAAAAAAAAAAGGGG GGAAGGAAAAAAGGGGAAGGGGGGCCCCGGAAGGAACCCCAAGGAAGGG G G G G G G G G GAAAAAAGGTTAAAAGGAAGGGGCCGGAAGGCCAAAAAAGGA AAAAAGGGGGGGGAAAAAACCCCAGGGGGAGCAAACCCAAAGGAAGGGAA GGGGGAAAAAGGAAAGGCCAGAAGGGGCCCCGGGAGGCCGGCCGGAAAG GAAGGAAAGGAAAAGAAGGGGGGGCCGGAGGAAGAAGGGGGGGGGGGGA AAAAGACGGGGAGCCAGGAACAAAGGAAGGGGGACGGGGGGGAAGCCGG GGGGGGAAAAAAAAGGGGAGCCAAGAGGGGGGTTAGAAAAGGAAGGAGC CAAAAAAAAAAGGGGAAGGGACAAAGGGGAGAGAGAAGACAGGAAGAAAG GGGACAGCCAAGGAGGAAACCAAGAAAGGAAAGGAAACCCCAACCAACCA ACCAAGGAGGATAAAACGGAGAAAAAAAAAAGGGGGGAAGGAAAGAAAAC CGGGGAACCAAAGAACCAGAAAAAACCGAAGACGGAGAAGGACGAGCCAA GAA G GAA G G G G GAAAAGGAAAGGAAGGGGGGCCAAGGGGAAGGGAAAGG G GCCAAAGGAAAGGGGGGGGAAAAGGGACCGGAAAAGGACGGAACCGGG G G G GAA GAAAGAGGAAGAAGGGAGGGGGAAGAAGAAAGGACAAAAAAAAA AGGAAAAAAAAGGGGAAAAGGGGAAAAAAAAGGAAGGCCAAAAAAGGAAA AGGAACCAAAAAAGGAAAAAAAAGGGGAAAAGGAAGGGGGGAAAAGGGGG GAAGGCCAAAAGGAAGGCCAAAAGGAAAAAAAAAAAAAAGGGGAACCAAG GAAAAAAAAGGGGCCAAGGAAAAAAGGGGGGGGGGAAAAAAAAAAAAAAC CGGAACCAAAACCAAAAAAAAGGGGAAGGCCAAGGAAAAGGAAGGAAGGA A G G G GAAGGGGAAAAGGAACCGGAAGGAAAAGGAAAAGGGGCCAAGGGG AAAAGGGGGGAACCGGAAGGGGAAAAGGCCGGAAGGGGAAAAAAGGAAAA

G GAAGGAAGGGGAACCGGGGAAAAAAAAAAGGAAAACCAAAAAAGGGGGG G GTTGGGGGGAAAAGGGGGGAAAAGGAAGGGGAAGGGGGGAAGGAAGGG GAAGGCCGGGGAAAACCGGAAAAGGAAAAGGGGAAAAGGAAGGAAAACCA A G G G GAAAAGGGGAAAAGGGGAACCAAGGGGGGGGGGAAGGGGAAGGAA G GAAAAGGCCAAGGGGGGGGAAAAGGAAAAAAGGAAAAGAACCCACAGAG A G G G G G G GAA $\operatorname{A}$ GAA $\operatorname{A}$ GGGGGCCAGAGAGGGAAAAGGGGGGGGGGGGAAA AAAGGGGAAAAAGAGGGGAGAAGAGGAAGGAAGAGGGGGGGAAAACCCCA AGGGGGGGACCGAACGGGGGGAACCCCCAAAGAAGAACAGGACGAGAAGG GAAAAGGGGAGCCGAGGAGAGAACCGGCAGAACGAGGACAAAAAAAGGGT TGGGGGAGGCCGGAGCCACGGAAAAGGACAAAAGAGACCAGGGGGGGACA AGAAGGAAGGAGGAAAAGGAAAAAAAAGGAAGAGGGGGAGGAGACGGAAG GGAGGGGAGAGGAACGGGAACAAGGGGGGGGGAGGCCAAAGGAGGGGAA GGGGGACCAAGGGGGGAGAAGGGGGACCCCAAGGAAGCAGGGGGAGGAG AACGACCAAAAAAAAGAGACAACGGCCCCGGGGAAGGGGGGCCGGCCAAA AGGGGCCAACCAAGAGGGAAACCGGGGACGAGAAACCGGAAGAACGGCCA AGGGGAAGAGGAGGAAGGGCCAGAAAGGAAAAGGGGAGGAAGGAAAGAG
 GCCGAGGAACCAACCGGGGGGAAAAGACAAGAGAAAAGGGGAGGGAAAAA G G G GAGGAACAAAAGAAGGAACAGAGGAGACGGGGAAAGAGATGGCCGGA AACGAGGGGAAGGGGAAAAGGGGGGAAAGGGGAAGGAAAAGGAAAGGAG CCAAAGGGGGGGAAGGAACCAAAAAGGGCAAGGGCCGGCCGGGGGGAAAA ACGGCCCAAACCAAGGAAAAGGGGAAGGAGAAAAGGAGACATGGAAGGAA GGCCAGAAAGGGCCAAGGCCGGAAAAAAGGGACCGGGGAAAAAAAAGGGA AAAAGAAGGAAGGGAGAAAGGGGAAAAGAGAAGAAGACGGGGAACCAAGG AAAGAAAAAGGAAAAGAACCCCCCGGAAACACAGAGAGAAGGGGGGGGGG AAAAAACCGGAAGGAAAAGGACAGAACCGGGAGGAAAGCGAGGAGAAGAG AGGGAAGGAAGGGGAAAAAAAGAGGAGGGAAAAAAAGAAGAGAAGGGGGA GACCAAGGAAGGGGGAGGGGAGGGACAAGGACCCGGGAAGAGAAAAAGA GAAAAAGGGAAGGGAAACCGGCAGAGAGGCAAAAAAAGGCCGGGAGGAGG GAAAGGAGAGGTTAAGGGGAAAAGGAGGACCAAAGGGGGGGGAGAGGGG GGGGAGAGAGAGCAAACAAGCAGAAAAAGGAGAAAGCAAAGGAGAAGAGA AA $\operatorname{A}$ GAAGGAGAGGGGGGGGAGAGGAAGGAGGGCAAAGAGGGGCGGGAAA AAAGGAAAAAGGGGGAGCCGGAGAAGGGGCCAGGGAAACGGGGAAAAAAA

 AAAGGGGAAAAAAAAGGGGGGGGAAAAAAGGCCGGCCGGAAGGAACCGGC CAAGGAAAAGGGGCCGGAAAAGGAAAAGGAAAAGGGGGGAAGGAAAAAAA A G G G G G G G G G G A GCCAA G G G G G G G GAAAAGGAGAGGAGAGGGGGACAAA CCAAAAAAAAGGAAGGAAGGGGCCGGGGGGGGGGGGAAGGCCAAAACCAA GGGGGGCCGGAAGGAAGGAAAAGGGGGGAAGGAAAAGGAAAAAAAAGGA ATTCCAAAAAAAAAAGGGGGGAAGGGGGGAAAAAACCCCCCAAAAAAGGA AGGCCGGCCGGAAAAGGAAGGGGGGCCAAGGAACCGGGGGGGGAGAAGG G G G GAA G GCCGGGGAAAAAACCGGAACCAAAAGGAAGGGGGGGGGGGGA AGGGGAAGGGGCCCCGGAACCGGAAAACAAGTAAGAAAGGAGGAAAGACA GAAGGCCGGACGGCAAAAAAAAAAAGAGGACGAAGAGAAGGCCGGAAAAG GCCAAAAAGAGAAAAAAGGGGAAGAAGGGCCGGAAGGGGGGGGGGGGGA AGCCAAGGAGCCGGGGGGAGAGAGAGAAAGACAGAAAAAGACGGAAGGGG CСССССССGGAGCCCCCCAAAAAACGCAAAAAAAAAAGAGGGAAGGGGGG CCGAACAGACAAAAAGGAGGACGGAAGGAAGGCCAGAAGGACAAGGAAAG GACCGGCCGACAAAGAAAGAGGAAAGAAGAGGAGAAAAAACAACGGAGGC G G G A GAAAAAGGAGAGGGGGGGAGAGAGGGGAGGGGAACAAAGAAGACG AGGAGGGTTAAAGAAAGGAAGGGAAGACAAGAGGGGAGGGAGGGGGGAA ACGAAACCGATAACGGGGAAAAGGGAAAAAAGAGAGGGAAAATAGACAGA A G G G G G G AT T CCAGCAGGAAGAAACCCCGAAGGGAGAGAGCACCACAGGA GAACGGCCCAGGAAAAAAGGTTACAAAAGAGGCAGAAGCAAAAACCGGGG GGACGGAGAAGACAAGGGGGGGGGGGAGAAGAACGGCCGGGAAGAGACG A G G GAGGCACCAGAACCGGGAGGGGGAGGGGAAGGGGAAGGCCCCAAGG GAAACAGGAGGAAAGGGAGGGGAGGGAGAAGGAAAAGGGAAGGAAAACAA GAAGGGGAGGGAGAGGGGAGAGATAAACAGGGAGAAAAGAGGGGGGCCC AGGCAGGAAGAAAGGGGAAAAGGCCGGAAAAGAGGGGAGAGACGGGAAA G GAA $A$ AA $\ln$ GAGGGGGGGGAAAATTAGGGGACCGAGAAGAAAAAAAAAGTT

ACAAGAAAGGAAGGAGCAAACCGGGGCCGGAGGGATCAAAAAGGGGACGG CCAAGGAACCAAGGACAAAATTGGAGGGAATTGACCAGACAAAAGGGGGG AA G G AAAAAAAAAAGGGGGGGGAAAAAAAAGGAAAACCCCGGGAGGGGGG GAGAAGACGGCGCCGGAGGGCAGAAGAAGGGGGAAGAGAAGGAAACGGA A G G A G A A A A G G G G G G A A A G ACGGAGAGGGGGAAGGAAAAAAAAGGGGGG CCAGAAGAAGCCAGAACCGGGGAAAAGGGGAAAAGAAGGGAAGGGAAGAA AGGGGAGGAGAAGGAAACGGGGGGGGAAGGCCAAAAAAAAGGGGAAGGC CAAAAAACCGGAAAGGGGGAGAGGGAGAACAAGGAGGGGGGGGAGACAG ACAGAAAAGGGAGGACCACACCGGGGGGAAGGGGACAAGGCCGGGGAAG G G G A GAGAAGGAGGGGGGGCCAAAACCAAGGGGAAAGGAAAGAACGACAA ACCGGCAGAAAAAAAAAGGAAAGAAAAAGGGAAAAGAAGGGGGCCAGAAG G G GAAGGGAGGGAAGAAGAAAAAAAAAGGAAGGAAAAACGGAAAAAAAAG AGGAGGAAGAAGGAGAGAAGGGGGGCAGGGGGAAAGGAAACACGAGGAA AAGGGGAAGAGGGGAACCAGGACCAACAGGGACCACGAAAAAGGGGGGAA GAAAAGGAAGAAAAGGGGAACGGGGAGGGAGGAAGAGGAACACCGAAAGG CCGAAAGGGGAAAAAAGAGGGGAAGAAAGGCCAAGAACGAACGGCACCAA GAA $\operatorname{l}$ GA $\operatorname{G}$ GGAGGGGGGCCGGGGAAGGGGGGCCGGGAACAGAGGGGGGAA
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G G G G G A A G G A G A G G G G G G G A A G G G G G G A G G G G G G A G A A C A A A G G A G GAA AACAGGCAAGAACCGGGGGGAAAACCAAAAGGGGCCGGCAACGAGGGGCC GAGGAGAGGGAGAAAGGACCGGGACCAGAGAAAAAGACGGGGAAGGGAA GACAAAAGGCCGGGGAACCAAAAGGAAAAGGAAAGCAAAGGAGGGAAGAA AAAGAGAGGGAAGAAAGCACAGACAGGCCAAAGGGGAAGGGCCAACCAAG G GACAGAAAAAAAAAAAAGAACCCGAGGGGAAAGGGGAAAGGGCCAGGGA AGGGGAACCCAGGAACCAAGAAGAAATAGGCGGGGGGAAAAAAAGCCAGA AAAGGACCAAAAAAAAAGGGGAAGAAAGGAACCAGGGACAAGGGAAGAAG ATACACCAAGGGGGGAGGAGGGAAGAGCAGGCCGAAGAGAAGGGAAAAAA ACAGACCAAAAAAAAAGGACAAGGGGGGGCAAGGGGAACAAGGGGGGACG GGGAAGGGGCCGGGGGGGGCCGAGACCGGGAGGGGAAGAGGCCGGGGAA GGGGAACGACAACCGAAGAACCAGGGAGACGAAAAAAAGGAAAAGGGAAG GGAGACTTAAAAGAGAAAAGAGGGAGAAGAAAGAGGAAGGGGAACCAAGG AAGGCGGGAAAGGAAAACAAGGGGGGAGAGGGGAGAAAAAAGAAAGGGAA GGGGAAAAAAGGCCACAAGGGGCCGGGGGGGGAAGGAAAAAACCAAGGG GAAAAAAGGGGGGGGGGCCAACCGGAAGGCCGGGGAAGGGGAACCGGGG G GAACCGGGGAAGGGGAAGGCCAAAAAAGGGGCCAAGGGGAACCGGGGG GCCAA G G G GAA G G G G G G G G A A CCGGAAGGAAGGGGAAGGGGGGCCGGGG G G G GAA G G G G G A GAAAAAGGGGAACCAAGGGGGGAAAGGGAAGAAAGGG AA G GAGAGAGGAAGAGAAGAAAAAAGGGGGGGGAAAAGGGGGGGGGAAG G GAACCAGAAGAAGGGGGAGAAGGAGAAAAGGAGAAGGAGGAGGGGAGA A G A G A A GAA $\operatorname{l}$ GGGAGGGCCGGAAAAGGGGGAAAGAAGGGGGGGAAGGAG GAGAAAGGAAGGAAGGAGAAGGGGAAGGAAGAAAAGAAAAAGGGACGAGG G G A G GA G G G G G GAAAAGGGGGAAGAGGAAAAAGAGAGGCCAGGGGGAAA A G G G GAAAAGGGAGAGGCAAGGGAAGGCAGGAAAAAAGAGGGAGAGGGG AA GAAAAGAGCCGGAGAAGGGGAGGGAAGAAGAAAAGGGGGAGGAAAAG GAAAAAAAGAAAAGAGGAACAGGGGACGGAAAGAAGAAAGGGGGGGAAGA AA GAAAGAAGGCAGGAGGAGGAAAAAAAAAGAAAGGACAAGGAAGGGGGG GGAAAGGCAGAAAGGACCACAGGACAAAAAGAGCCAAGAAGAAAAGGCCG GAAAGAAAGGGAAAAAACCAAAGAACCAGAAGGGAGGGGAAGGAGAAAAG AGGAAAAAGAGGGGGGGAAGGAAGGAAGAACGGACAAGGAAGGGGGAAG CCGGAAAGAGCACCCCGGAAGGAGGGAGAAAAGGGAGGGAGAGACCGAGG AAAAACAAAACCGGAGACGACCGAAGGGAAAAGGGGGGAAGGAAGAGGAA G GCCAAAAGGAAAGGGGGAGAAGGGGGAAAAGAAGAGGAATTGAAGAAGG AAGGAGAGAAGAAAGAACGAAGACAAGGGGGGAACCGGAGCCAAGAAAAG GAGGGGAGAGAAAAGGGGGAGGCCAACCAGAGCCGGACGAGGACGGAAAA AA $\operatorname{l}$ A G G G G G G G GTTAGAAACGGGGGACCGAAAACAGGACCAGAGGGCCAG G G G A G G G G CAA G G G A CAAA G G GACAAGGAAGGGGACGGAGGAGGGACCA AAGAGAAGGAACCAAAACAACCAGAGGCAAAGAAGAAGGGGACGGAAGGA AAAGGGGGAAGAGAGAAGAGAAGGGGAGGAAGGGGGGGGAAAAGGGGAA GAAGCCGGGGCCCCGGAAAAAAGGAAGAAGAAGGGGAACAGGGAAAGGGG GGAGAGGGAAGAGGGAAAGGCCGGGAAGGAGAGAAGGGGGGGCCGGAAA AAAAAGGCCGGGGAAGGAAGGGGCCAAGGGGAAGGGGAAAAGGGGGGAA CCGGCCAAAAAAGGGGGGAAGGGAGGAACCAAAAAAAAGGAAGGGGGGGG AAGGGGAAGGAAAACCAAAAAACCAAGGCCCCGGAAGGGGGGGGCCAAGG CCGGGGAAAAAAAAGGGGGGCCAAAAAAAAGGGAGGGGAAAGAAAACAAG GGGGAGAAAAAAAAAAAAGGGGAAACGGAAGGGGAAAACCGGGACAAGAC AAGGAGAAGAAGCAACAAAGAGCCAGGGAAAAAAGGAAGGGGAAAGACAA G G AAA G G GAAAGGGGAGGGGGAAGAAGGAAAAAGGAGGAACAGGAGAGG
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G GAGGGAGAGAAGGGGAATTAAAGAGAAGACAAACCAAGGAAAAAAGGAA ACAGAAAAGAGGGAAAAAGGGGGGGAAAAAAAGAAAGGCCAAAGCCGGGG AACCAAAAGGAAGGGGGGAAAAAAAAGGGGGGAACCAAAAGGCCAAAAAA
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 G G G G G G A A G G CCGGGGGGGAGAGGAAGAAACCAAAGCCGACAAAGGAGC CAAAGCCAAGGACGAGGAACCAAGGAGAAGGCCAAAAAAAAAAAGAAGAG GGAAGAGCCGAAAACCGAGAGGGAAAGAGCCGGGGGGAGAAAAATAGGAG AGGAAGAAGAAGGGGGGGAGAAGAAGCGAAAGGGGAAGGCCAAGGGGAA AA G G G G G G G GAAAAGGAGAATTGAGAGAAAGGAAGAAGGAGAAAGAAAAG AAACCCGAAACCCAGGAGGAGGAGGGGGGGCCGGGGGGAAGGGGAAGGA AAAGGAAGGCCAACCAAGGGGAGGGAACCAAAAGGGGCAGAGGCCAAAAC CAGCCCCGAAAAAAGGAAGAGTAACGGAAACGGACGAAGAGAGAAGAAGG GAAAAGGGGAAAAAACCGGGGGGGGGGGGAAAAGGGGAGCAGGGAAGAA GAAGAACGGGAAGAAGAAAAGGAAAGGGAAAGCAGGAAGGAGGAAAGGGA AA G GAAAAGGGGGGGGCCAAAAAAAAGGAGCAAAAAAAGGAAGGAGGGAG ACCAGGAAGAGGGAACAAACAAGGGATTGAGAGAAGAGAGAAAAGAGGCC A GAGAGAAAGGAAAGAGGAGAGGGGGAGGGGGGGACGAAGGGGGAAGGG GCCGGAATTGGGAAGAGAAAAAAAGAGAAGGAGAGGGACGAAAACGGAGA GCCGAGGAACAGGGGAAAAGGAAGGCCACAAGGAGGAGAAACCAAAAGGA A G A A G G G G G GA $\operatorname{l}$ GAGGGGAAGAGGGGCAGAAGGCCAGGAAGGAGGGGGA G G G GCAAGAAAAACACAGAAGGGAGGGAGGGGAGGGGGGGAAAAGAAGG AA $\operatorname{l}$ GGGGGGGGGGAACGGGAAGGAAAAAAGAGGAAGGAAAAGGAAGGGA AA G G ACAGAGAAGAGACCAGAAAGCAAGAAGGAAGGAAGGAGGGACGGGG GGCCGGAAGGAAAAAAGAAGAGAAGAAGGGAAAAGAAAGGAAAAACCCAC A GAGAGATAGGAGGAACAAGAGGAGGGGGGGGGGACGGGGGGAAGGGGG GGGAAAGCCAGAAAACCAAGAAGAGGAGAAAAAGGAAGGAAGGCCGGAAG AAGAGGGAGAGAAAGGAGAAAGGCCCCAGAACCGGAAAGAAAAGGCCCAA GAGCCGGAAGGGGAGAGGGAAGAAAAGAGAGGAAGACAGGGGGACGGAG GGAAGGCCGGGGGGGGAAGGAATTAAAA的的GGGCCGGAAGGAAGGGGG G G GAAAACCCCGGGGGGGGGGGGAGAGGGGAAGCCAAGGGGCCCCGGAA GACCGGGAAGGGACGGAGCAGAGGAGGAGAGCCCAGGGAGAGACAAACAA AAAAGGGGAAACAGAAGGAGGGGGGGAAAACGAGGAGAGGGGGGAGAGG GGAGGACAAGAAGACCCGGAAGGGAAGCCCCGGAGGGCAAAGAGGAGAAG GAAGGAGAGAAGGGGAAAACCGGAAAGGGGACCGACCAGCCAAGGAGGAA C G G G G G GA GAACCGGAGGGACAGGGAGGGAAACAGGGCCGGGGGAGGAG AAAA $\operatorname{A}$ G G G ACGGGAGGCAACGGGGGGGGGGGGGGGGGGGAGGGGAAGAA AGGAAAAAAAAGAAGAGAAAGACGGAGGGGGAGGAGAAAAGAAGACCAAA AAAGACCGGAAAAAAGGGGAGGGACAAAAAGAAAACCAAGAAAGGAGAAA A G G G G G G G GAGGGAGGGGGAGAGTTAGGGAAGGGAAGGACCAAGAAGAA AAAAAAGGGGAAGGGGGGAAAAAAAA的的GGGGGGCCGGGGTTAAGGGGG GAAGGCCAAGGGGGGGGCCGGAAGGAAGGCCGGAAAACCGGGGGGGGGA AAAGAAGGAAAAGGAAGGAGAGGAGGAAAGAGAGAAGGAAAAGGAAAAAA AA G G G GAAGGGAAGGAAAGAGAAAGGATGGCAAAAGAGAAGGGAACGGG GGGAAAAGGGGAAGGCCAACCGGGGAGAAAAGAAGAGAGCCAAGGCCGAA AGAAAGGAAAAGAAAACGGAGGGGGAAAGAGAAAACAAAAAAGAGAAAGA CGAATCCGGAAAAGGGGAAAAAAAAAAGGGGAACGGAAACCGGGGGGGGA GCAACAAGACCAAAAGGAAAGCCAGAAGGAAAAAGTAACAGAGAAGGAAA GAAGAACAGAGGAAACGCCACAAGGGAGGAAGGGGGGCCAAGGAGAAAGG GGGAGAGCCGCAAAAAAGGAGGGCCGGAAAAGAGGAAGAAAAAGGGGCCA AA $\operatorname{GAGGGGAGAGGAAAAAAGAAAAAAAGGCGGAGAAAGGAAGACCAGAAA~}$ AGGAGGGAAAGCAAACCGGAACCAAAAAAAACAGAAGGAGGGGGGGAGGG GAGGGCCACAAAAGGGAAAGAGAAAAAGGGGGGGGGGCACAGGCCGGCAA AGGGAGGGGAAAGACGGGGAAAAAAAAAAAACCAAGGAAGGGAGGGGCAC C G G A A G G G GAGAGGAGGGGCCAGAGCCAAAAAAAACCCCAAACGGGAAAG GAAGGAACCAAGGGAAAGAGACACCGGGAGGGGACCCCAAAAAAGGGAGA GAAAAAAGGGGGAGGGGAGAAGGGAGATTAGGGAACAAAAAAAGGAAAAC CGAGGAAAGAGGGGAATAAAAAAGGAAAACCGGGGCCACAAAAACGGAAG GAAAAAGAGAAAGAGCGGGAGCATAGACAGACCGGAACACAAGGGGAGGG G GA $\operatorname{l}$ GGGAGGGGGCCAGGAAAAAGGAAGGGGGGGGAGGGGAAGCGGGAA

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 GCCGGGAGGGAAAGGAAAAGAAAGAAACCGGCATAAAAGAAGAAAGGGAG G G G G GA GAAAAAGGGAGGGGGAACAGAGAAAAGCCGGAGACAAGGCCAGA AAAGGCCACAGGAGGGAAGGGGGAGGAAGGAAGAAGGACAGAGGGCGAG AGAGAAGGTTAGGGGAGAGGGGAAGACCCAAAGGAAAAAACCGGAGGGGG GAGAAAACAGAAGGAGAAGGGGGGGGAGGAGGAGAAGAAGAGGAAAAGA AAACCGGGGAAAAAAAAGGGGGCAGAGAAAAGGAAAGCCAAGAAAGAAAG AAAAGGGCCGAGAAAGAGAACAAGGAAAAGGGGAGGGGGGGAGGAGACC GCGGGGAAGGGGAAAAGAAGGGAACCGGAAGACGAAAGGAAAGGGGGGA ACACAGAAGAAAAGGCCAAGGGAAAGGGGGAGGGGGAGAGAAAGGAGAGC

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ACGGAAAGGAAGGGGGGGGGCCGGAAGGAAGGAAAATTGGGGGAAAAGA GAAGGAAGGAGGGAACCGAGAGGGGACGGAGGGGAAAGGGGCCAGAGCC AGAACCCCAAAAGGGGGAGGAGAGAGGGGAGAGGAAAAGGGGAAAGAGA GGAAGGAGGAACCTTCCGGGAAAGGCCGGCCAAGAGAAAAGAGAGAAGGG GAAAGGGGCGGGGGGTTGGAAAAGGAACCAAGAGGGGGAAAGAGGAAGG GAGAAGAGGGAGAAAGGGAAACGAGGAACCAAACAGAGAACCGGGGGGGG AACCAAAAGGAGAGGGGGGGGGCCGAGGGGAAAGAAGGACAACAGGAAG GAAGAGAGAGAGAAAAGCCGGAGGGCCAGGAGACAAAGGGATTAAAAAAA GGAGAAGAAAGGGAGGGGGAGAGGAAGAGACGGGGAAGAAAGGGGAAGG GAGAGAGGGAAAGGCCGGTTAAGGGGAAAACAGGGAAAGAGGGGAAGGA AGAAGAAGGAAAGAAGAAACCGAAAGGAGAAAGGGACGGCCCAGAGAGAG GCCAAAAAGAGAAAAGGAAAGGGGGCAAAGGCCGGGGAAGGGGAAAAGGG AGAGAGGAAAGACGGGGGGGGGAGAAGAAGGAAAAACAGAGAGGGAGAG CCAAGACCCCAAGGGGGAAAAGCCAGGGGGAAGGAAGAGAAAGGAAAGCC GAAGTAAAGGAGAGGGCCGGAAAGAGAAAGCAAGGAGGAAAAGAGGGGCC AGCAAAGAACGAGGCACCCCACGGACAGAGGAAGAAAGGGGGAAGAACGG GGAAAAGAGGAAGAAAGGCAGGGGAAGGGGGGGAAGAAAAGGGGAAAAA GAGGAAAAAAACAAGCCAACCAAAGAAGAAGGAGGGGAGAAAAGAAAAAG GCCCCGGAAAAGAGGAGACAAGGAAGGGGCCAGCAGGCACAGGAAGGAAA AAGGGAAAAGGCCGAGAAGAGGCATAGAAAAAAAAGAGGGGGGGAGGGG GGGGGGAGTTAAGGGGGGGGAACCGAAGAGGAGAGAGGAAGGGAGGGGG GAAGAAAGGGGATAAAAGAGGGAGGGGGAGGGATTACAAACAAAGGGGG GGAGAAGGAAGGAAAAAAAAAAGGAAAAGGGGAAAAAAAAGGGGGAACAA AAAAGAAAAAAGAAAGGAGAACAAAAAAAACAAAGGAAGAAAACAAGGGG AAGGGGAACCGGACAACCAAGGGGAAAAAAAAGAGGGAGGAGGAAGCAAC GGAACCAAAGAAGAGGAGCCGGCCAGGGGGGAGAAAGGAAAGGGAGAAAG AAGGCCAAGGAAAAAAAAAAGGAAGGAAACAGGGCAACGGGGGGAAGGGG AAAAAAGAAAAAGGGGGGAAAGGAAAAAGGGAAGAAGGAAGGGACAAAAA AAGGCAAGCCCCCCGGAAAGGAAGAGAAAGAGGGGGCAGAGGAAAAAGCA GGGGGAGGAAAAAAAAGAAGGGAAAAAAGAAAGGAAGGAAAAGAGGGGAA AGGGGGCCAGGGCAAAAGGAGAGGCCACAACCGAAAAGGGGGGGAACGAA CCGGGGGGGGGACAACAAGACAAACCGGAAGGGGCCGAGAGGAAGAGGAA CCGGATAAGGAGAGGAAAGGAGGCGGAAGAAGGGACGGAAGGAAAAGGA GGAGGGGCCGGAAAAGAGGGGGGGGAAAAGGGCCCGGAGGGAAGGGAGG GAGAAGAAGGGGGAGAAAAAGGGGAGAGGGAGCCAACACCGGGGCAGGA AGGGGCCAAACGGAAGGGGGGTTAGAAGAGGAGCCGGGGAGGACCCCGG GAGAAAGGAAGGCCGGAAGAGGAGAGGGGGAGGGAGCCAGAAAGGAAGA ACAGGCCAAGGAAAAGGCCAAAAAAAAGGGGCCAAAACCGGAAGGAGGAA ACACCGAAGAAAGAAGGGGGAAAAAAAAAGAGAGAGGAAGGCAGAGGGGA GCCGGCAAGAGAGCAACGAAAGAGGGGGGAAAAGGGAGCAAGGAGGGAG GAAAAAAGAGCGCAAGAAGAGGAAGGAGGAGGGGGGGAAAGAGAGGAAG GAACCAAGGGAAAGGAAAGAAGGGAAGCCAACCCAAACCGAGGGGGGCCG AAAGGAGAGAGCAGAGAAGCCGGAAAAGGAAAGAAAACACCAAAAGGCCG GCCGGAAAAAACCAAAAGGCCAAGGGGGGGGAAGGAATTGGGGAAAAAAC CGGAAGGAAAAGGGGGGAAAAAACCAAAAGGGGAAAAAAGGGGGGAACCG GAACCAAAAAAAAGGGGAAAAGGAGGAGGAAAAAAAACCGAGGAACCAAC ACCGGCCGGTACAGGGAAGAGGAAGGAGGAAGAGGGGAAGAGGAAAAGAA GAAAAGAAGGAGGAGAACGGGAAGGGGAGAAAGAGAGGAGAGGCCCCAAA ACAAAAGGGGGGGGAGGGGATAAAAAACCGGGGGGAAACAGGGGGCCGG GGGGGACGAGAAGAAACAAGGAAAAGACAAAGAGAGGAAGAAGGAAAAAA CCAGACGAGGGGAACCGGAGAAAGGAAAGAAGGAACGGAAAGGAGGAAGG AAAAAAAGAAGGCAGGGAAAGGAAGGGGAGAAGAAAAAGGGAGGGACAGG GGGGGACCGAAAGGAAAAGGGAGGAGAGAGCCGGAAGGGGAGGAGAGGA CACGAGAAAGGAGCAAAAGTAGAACACAGAAGAAAAGAGAAGAAACCAAG GAAGAAATAAAGGGAGGCCAGACAAAGGGGGAAAAGGAACACCGGGGCAA GGAAGGGCAAAAAAAGGCCGGGAAGGAAAGGGGGGGGAGAAGGGAGCGA GGAAAAGGAGGAAAAAGGAAGGCAAAACAGACAGACGACCAAAGAAGAAA GGCCAAAGGAGAAAGAAAGGAGGAGGACAAAAGAGGGAAAGGAGCCAAAG AAAAAAGGCCGACCGGAGAGGAAAGAGAGGGGGAAGGGGGAAAAAAGGG GGGGAGGGGGAAAAGGGGAGAAAGGGGAAAAACAATTAACCCGATACAGA GGGCCGAGAAAGGAAGGGGAAAGCCAAGAGGAAGAGGAGGGCAGCGGCA

GGTTCCGGAAGAGGCCCAGAAACCGGGGGGGAGGGGCCGAAAGGGGCCG GAAAGGGGGAAGGAAGGAAGGGGAGCCGGAAGGAAGGCCAAAAGAAGAG CCCCAAGGAAAAGGGGAACCAAAGCATAAGGGGGAAAAAAAAGGGAGAAG GGGGAAGGGGAGGAAAAGGGAAAAAAGGGGGGCCGGGGGCAGAAGGAAA AGGAAAAGGAAGGAAGGGGAAAAAAGGAAGGGGGGGGAAGGCCGGGGGG CCCCAAGGGGAAGGGGCCGGGGAAAAGGGGAAGGCCAACCGGGGAAAAAA AA GACCAAGGAAGGCAAGGGCAGGGGCATTAAAAAAAGAACCAAAAGGGG AA $\operatorname{la}$ GGGACCGAAAAAGGCCGGAGGGAAGAGAGAAACAGGGAACAACCAA AAAAAAAGCAGAAAAAAAAAGGGGGAAGTAGGGGAGAAGGAGAAGGAAAA AAAGAGGGGAGGGGAAAAAAAGAGAAGGACAGGGAAGAGGGGGGAAGGA AGAAAGAAAGACCAAAAAAGGGGAGGACCGACAAGAAAAGGGGAGCAGGG GGGTTGGAAAAGGCCGGGGAAAAAAGGAATTGGGGCCGGAGGACAAGGAA AGGGGGAGGGACCAAAAGGAAAACCACGAGAGAGGAAAGGGGGAAGGGG AAAAGGAAGGGGCAGGACGAGACAAAAGGGCAAAGAGGAGAGAAGAGGCC GGGGGGGGCAGAGAAAAAAACCAGAAAGGGAGGAGGGGGGAAAGAAGAG GGGGGAAAAGAAAAAGGGGAGGAGAAGACATAGAGAGGAACGAGGAGAAA GGAGAGAGGGGCCGGGAAGAGAAAAGGGGAAAAGGGGGGAAAAGGCACG CCAAGGACCCCAGGAAAAAGAAGGCCAAGGAAGGCCGGAAAAGGGGAAGG CCGGAGGGGGAAAGAAGGAGAGAACCAAACGGCCGGGGGGGGAAGGGGA AAAAAGGAAGGAAGGGGAAGGGGAAGGAAAGAGGGGAAAGAGGGAGAAG GAGGCCAAAAAAGGAAGGAAGAGAGGGGGGAAGGGGAAAAGGAACCGGG GGGGGCCGGAAGGGGAAGGAACCGGGGGGAAGGAAGGAAAGAAGGAAAG AGGGGGAACCGGAAGGAAGGAAAAGGAAAAGGAAACAGACAGAGAGAGCC GGGGCCAGGGGGGGCCAGAGAAAAAGAAAAGGAAGAAGAAGGAACCAGGG GGAAAAAGAACCGGAAGGAAAGAGGGCCAGAAACGAAGAAAAAAGAACCC GGAAGGAAAACCGGCACCCAACAAGGAGGGGGAAGGAACCAAGAAAGGAA GGGGGGCCGGCCAGGGGGCCGGAAGGAAGGGGAGGGAAGGGGCCTTAGG AGGAAAAAAAAGGGAGAAGCGAGGGGGCCCCAAAAGGAAGGGGGGCCGGC CGGGGGGAAAAAAGGAAAAGGGGGGGGAAAAAGAAGGCCCAGGAAAAGGA AGGAAGAGAAGGGAGGAGACCAGGGTAGAGAGGAAGAGAGGGGAAAAAA GGACGAGGGGAAGGAGGGAGAGAGAAGACCGGAAGGAAGGGAAGCCCCG GAGAAAACAAAGGCCAAAAAAGGGGAGAGAGAGAAGGGGAAGGAAAAGGC CACAACCAAGGGGGGAAAAAAAAGGGAGAAGAGACGGCGGAGGACCCGGG AAACAAAAACAGGAAAAGGCCAGAGGGCAGGAGGGAACCAGAAGGGGGAA AGGGGAGAGGAACGGAAAAAAAAGGGGAAAAGGGAGGAGAAAAGGAGAG GAAGGGAAACGAGGACGGGGAAAACAAAGGAAAGGGAAGGAGGGGAAAG GGGAGAAACAAAAAGAAGGAAAAAAGAGGCCGGGAGAAGGGAGGAGGAAG GCAAACAGGCCGGGGGGGAGGGGGAGGGGAGGAAAGGCCAAAGGGAGGG GAGGGGAAAGAGGGAAAAGAGGAACAGAAGGAAACCAAAGGGAAAAAAGG GGAGGAGGAGACACGACCAAGGAAGGCCAGTTGGGGGGGGAGAAAAGGA GGGGAGGGGAGAGAGGGGGGGGGGAGACAGAGGAAAAGGGGGAGGAAGG GGAAAAGGAGAAGGGGGGCCACACGAGGGAGGAAAAAAGGAAGGAAAGAG GAAAGAGAGAGGAGAGAAAAGGAACCGGGGAAGGAGGGCCGGGGGGAGG GGAAGAAAGAAGACAGGCAAAGGACGGGGGGGGAGACGGCAGAGGATAA GGAAGGAAGAGAGAACAGGAACAGAAGGGGGGAAAACCAAGGAGGGCACC AGCAAAGAAAGGAAGAAGAGAACCAAGAAGCCAAGAAAAACAAAAAGGAG AAAGGAACGAGAAGGGGGAAAACCAAAAAAACGAAAAGGACAGAAAGGGA AGCAAGAGGATAGGAAGGGGAGGGGGGGGGGGGAACGGAAGGGGGAGGG GAGGAGAAGAAAAACAAGGGGGAAAGGAAGAAACAAACAAAAAAAAGAAA GGAGACAGGAAGGGAAGAGAGGGGAGGAAAAAAAGGGGAACCAAAAAAAA ACCGGGAGGGAGGGGCCGACAGGGGCCAAGGGACAGGAAGGAAAAAAGG GAAAAAGGGGGGAAAGGGAAAAAGGAAGGAAGGAAAGGAAAAAGGGGGA GGAGAGGGAACAGCCAGGAGGAGAGGAAAAGGGAAAGGAGAAGAGAAAAA AGGAAAAGGGGAAAGTAAAAAGGGGAGCCACAAAGAAAAAGGGCAAGACG GAAGAGAGAAAGGCAAGGGAAGAAGGGGAAAGACAAGAGAAGGGGAAGAC CAGAAGGAGAGGAGGGGGGGAGAAGGGGGAACAAAGGGGGGAAAAAAGA AGGGAACCGGGGGGAAAAGGGGGGAAAAGGAAAAGGAGAGCCGGCCCGA AGGCAGAAGGAGGAAAGGAAAGAAGGAAACCAGACCCGGAAGGGGATAGA GGGAAAAGGAAGGGGGGCCAAGGAAGGAAAACCAAGGCCGGGGAGAAGA GAGAAGAACCCAGAAGAAGAGGAGACGGCCAAAAAGGAAGAACAAGGAAA GGAAAAGGAAGGAAAACCGGAAAACCCCGGAAGGAAAACCAACCGGGGGG

GGAAAACCAAAAAAGGAAGGGAGGCCAAGGGGGGGGGGGGGAGGAAAAG GAAAAGGAAGGAAGGAAAAGGGGGGCCAAGGGGAAGGAAAAGGCCGGGG AAAAGGAGAAGAGGCACCGGGAAGACGAAACCAAAGGGGGAGGGGGAGAA AACCGGCACAAGGGAGGAAAAAGAAAGAGGAAAGGGGGCAACAAGAGAAG ACTTGGCACACCAAGAGGTTAATTAAGGGAAAAAGGAAGGGGGAAGAGGA GAGGAGAAGAGGAAAGAAAAAAAGAGGAGACCGGCCAAAAGAGGCCACGG G G G GAAAAGGAAGAGGGGGGGAGGTTAAGGGGCCGGAAGGCCCCACGAC A G G A G A A G A A G G G G GAA G GAGAATTCCAAAAGAGGCCGCAAGGGAAGACA GCCGGGGGAGGAAACAGCAAGGACCGGAAAAAAGACCAGTAAAAGAGAAA G GA GAGGAAAAAAAGCAGGGGAAAGGAGAAGAAAGAAGGAAGGGGGGGA GGAAGGAGAAGGAAGGACGGGACAGGAAGAGGGGAAGAGGCCGGGGTTA GACAGGGGGGGCAAAACAACCAAAAAAAAAGGGAAAAAGAGAGGAGAAAA AGGGGAATTAAAAGGGGAAGGAAGGCGAGAAGGAAGGGGAGAAGAGGGA AACAAGGGGAAGAGGGCCGGGGGACCGGAAGGGGAAAAGGGGGGGGAAG GGGAGAAAAACAACGGGAGAAAAGGAAAGAAAAGGAGTTGGAAAGAAAAC G G G CCCAGAGGGGGGGGGGGGGAAGGAGAGGGGGGGGGAGAAAGGAGGG GAAAAAGGGGGGAAAAAAAAGGGGAAGGGGAAAGAGGGGAAAGAAAGAAG ACGAAGACAGGGAGGAGGCAGAGGGAAGAACCGAAGAGAAACAACCGAAA GAAAGGAATTAGTTGACAGAGAAGGAGAAAAAGGGGAAAAAATTAAAAAA AA $\operatorname{A}$ GGGGGGGGGCCGGGGGGAAAAGGAAGGGGGGGGAAGAAACCAAGGG G G A G ACCCAGGGGGGAGAAAAAAAGGGAGACAAACAAAACAAGACCAGGA ACCGGAGAAAAGGAACCAACCAACAAAGGCCGGAGGAAAGGGGAGAAGGG
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 TAAACGGAAAACCAGGAGGGGCCGGAGAAGGCCAAAAGAGGAAGAAAGGA AGAAAAAGGAAAAAGACGGAAGGGGAGAGGAACGGGAGAAAAGAGCCGGA AA $\operatorname{GAGGGGGC}$ GAAAAAGAAAAGGGGAAGGGGAAGGGGCCAGCAGGAAGAA GGGGGAAGGAACAGAGGAAAACCAAGGGAAAGGAAAAGGAAGGAACCGGA AGAGAAAAAAAAAGGGGAAGAAACCAAACGGAAGGAAGAAAGGGAAGGAA A G G A G G G G GAACCGGGAGGGAGAAGACGGGGGAACAGAGAGGGCCAAGG GGAGGAGGAGAGAGAAGGGAGAAGGGAGAAAGAACGCCAAACGGAAGAG GAGAGGGAAAAAAGGGAGGAAAAAAGGAGAAGGGGGGAAGGAGAGCCGG AAAAGGAGGGGGCCGGGGAGGGAGAAGGCCGGGAGGAGAAAAATGAGAA CAAGGAAGGAAGGAGACAGGGAGAGGGAGCCAAAGAAAGAGGGAAGGGA GGAAAAAAAGACACAAAAACGGAAGGGGAAAAAAGGCCGGAAGAGAAAGG A GAA $\operatorname{l}$ GAGGGGAGAACAAGGGGGGCCAAGCGAAGGGAGGGGGAGGGAGA GGGCCGGAAAGAAGGGGGGAAAGGACCAAAAAAGGGGGGGGCCAGAAGG AA G GCAAGATGGGGAACCGAAGGGGGAAAACCGGAGAGCCACAAACGGCA AAAGGGAACAAGAGAGAGGGAACCTAAAAACCCCAGGGAACCGGAAGGCC A G G G GAGGGGAGAACCAAGAAAGGAAACGGGAGGGGGGGAAAGGGGAAC CCCAAAAGGGGCCAACCAAGGAAAAAAGGAAAAAAAAAAAACCAACCAAAA CCGGGGGGGGCCAACCGGCCGGAGAAAGAAAGGAGGAGGGGGAACCAACC GAAGAAAAGGGAAAAAGGAAGGAAGAGGGGCCGGCACCAAGGAGAGAGGG AA G GAAGGAGGGGACCGACCGGAAGAGGAAAGGAAAGGAACCAGATGAGA GAGGGGAGAAAAGGAAAAGGAAGGGGGGAGGAACGAGGGAGGAAAAGGA AAAAGAGGCAGGACCAAAAAAGGAGAGAGAAAGGAGGAGGAAAAGAGAAA AAAAGACAAGGCCGGGAGAGGAAGGACCCGGAGGGGGGGAAAAGGGGAA GGAACCAAAAAGAAAGGAAGCCAGGGGGCAGAACGGCAAAAGGGCCACAG AGGAGAGAGACGGGGGGAAGAGGGAAGGGGAAAAGAAAAGGGAAGGAAA AAGAAGGAAGAGAGGCCGACAAGGAAGAAAGAGAGAAAGAAGGAAGGGGG GGGCAAGGGACGGAAGACAAAAGGAAAGAGGAAAAAAAAGGGGAGCAAAA A G GCCGGTATTCCGGGACCAAGGGAAAGGAAGGAAAAGGGGGGAGGGAG AAAGGGAGAAAGGGGGAGCCAGGAGGAAGGCCAAAGAGAGGAAGAAAGG GAGGGGGGGGGCGGGAAAAGGCCAAAGAAGGAAGGGAAAGGAAAAAACC G G G GAA G GAA G G G G G G A A A GAAAAGAGGAAACGGGGAAAAAAGGAAGGA A G G G G G G A A A C GAGAGGAGAAAGAGAAGGGGGGAAGGAAGGAAGGAAAG GAGGCAAGGAAGAAAAAGAAGGGGGGGACCCCGGAGGAAAGGAAGGCCCC GGGGAAGGGAGAAGGAGGCCAAGAGGAAAGAAAGGAGAGAAAAAGGGGA CCCGAGGCCGGAAAGAGGGGGGGAACCGGCAAAAAGGCCGGAAGGGAGG AGCACCAGAAAAAAAGAAGAAAGGGACCAAGGCCCCGGCAACAAAAAAGG AA G GAAGAGAAGGAGGAGAAGGGGAAGGAAAAAGAAGGCCGGAAAAGGAG AAAGAGAAGGAGGGCCGGACAGGGAGAGGGCCCCGAGGGGAAGGGGGGA AGGCCGGACAGACGGTTGGAAGGAAAAAGGGAAAACAGGAAGGGGCCATA GAGAGAGGGAGGGAAGGAAAAACGGAGCCAAGGGGAATTAAAAGAAGCAA GAAGGGGAAAAAAGAAAAAGGGGGAGAAAGACCACCCAAAAACGAAAGGA GAAGGGGAAGAAAAAGGGACCAGGGAAAAAGAGGACAAAAAAAAAAAGGA GACCCAAGGGGAAGGGAGAAAGGAAAAGGGGAAACAGGAAAAAAGGAGGC CAA G GAA G G CAGACCGAGAAAGGGGGGGGAACAGGGGGAGGCCGGAAGG AAGGAAAAGGAAAAAGGAACAAAAAGAAGGAAAAAAAAGGAAAAACAGCG GAAACCGAAGAAAAGGAAAACCAAAGGGGGCCAGCCAGGAAGGAGAGACA G G G G G G A A A A GAGGGAAAGGGACCACGGGGGGGAATAAAGCGCCAGAGG AAACCAGAGGAAAGGGGGGGGGGAGAACCAGAGCACCAAGGGAAGGGCG G GAAAAAAAGGGGGGGCAGGGGGGAAGGAGGGGGCCGGAAAACCGGAAA AGATTGACAACCAAACACCAAAGAAAGGAAAGAAAAGGGGGAAGGAGGGG GAGCCGAGGGGGGAGAGACAAGGAACACCAAAAAGAGGAGAGCGGGGAGC CCAGGGAAGGGGAGAACAGAAAAAAAAAAGGGAGAACAGAGAGAGAAGGA AGGGGGGAAGAGGGAGGAGAAAACCAAAAAGAGGGAGCAAAGAGGAAAGG GAAGGGGGAGGAAGGGAAGAAGGAAAAAGGAAAGGGAGGGGAAAGGGAC AGGGAAAAGGAAAAAGAGGAAAAAACGGGGGAAAGGAGAACCAAAAGGGG

G GATGGGGAACCAAAAAAAAAGGGCGCAAAGGAAGGCAAGAGAAGGGAAG AAGGAGACGAGGGGAACATTAGAAGGAAGAAGGACAGGCAAAAAGAGGAA AGGGAGAACCAAAAAAAAGGCCAACGCCGAGGGGAAGAAACCGGGGGGGG GGAAAAGGAAAAAAAAGGGGAGGACCGGAAAGAGAGGGAGGAAGAAAGAA ACAGAAAGAAGGAAGGAGAAAGGAAATTAAAAGGAGGAAGAAAGGAGAGG AAAAAAAAAGGGGAGATTACCCAGAGAGGACCCAGGGAAGAAAAAGGGAA CACAAACCAAGGGAAAAAGAAAGGAGAAAGAACAGAGGCCAGGAAAGGAA G G G A G G A G G A A G A G G GAGGAAAGGAAGGGGGGAGGACCCAACGACAGGA AA G G GAAGGAAGGAAGGGAAGAAGAGGAGGGGGAGCCGAGAGGACAGGA G G G G G G G G G GCAGAAACCGAAGGGGAAGACAAGAGAAGCCGGAAAAAAAG GAGAACAGTAAAGGAAAAAAAACAAGAGGAAGGAAAACAGGAGAAACAAA CCAAACATAGAGAAAGAAGGAACCAAGGAAGGGAGGAGAAAGGACAGGGA CCAAGGGGCCAAAAAAAAGGGGCCAAAAGGAAAAAAAAGAAGGAAGAAAA AGGGAGAGCCGGAGAAGGGGAACCAAGGGAGGAGAAAAGAAAAAGAGGAA GAAGAAAAAGAAAAAGAAAAGGGAAAAAAAACCCAGAAAGAAAGAAGAGA GGGGAAAAAGAAAAAAAGGGGGCAGGAGAAGGAAGAGAAAGGGGAGGGA GAAAAAGGGAACCGGGAAGAGAAGGAGGGAAAAGGAAAAAAGGGGGGGG G GCAGGGGGGTAAACAGGCCAGGACGGGATAGGGAAAAGAGGAGGGGGA AA $\operatorname{HAAA}$ A GAGAGAGAGGCCAAGGGGGGGGGGGGAGAGGGAAACGGAAAA GGAAGGGGAAAAAAGGCAGAGAGAGAAAGAGACCCCAAAAAAAAGAGGAG G G A G A G G G G GAGGGGCAGGGGGGGAAAGAAAACATTAAGGGGGGGGAAA A G G A G GA G G CCAAAAGAGGGAGGAAACGAAAAGAAGGAAAAAAAAAAAAA AGGAAGAAAAAGACAAAAAAAGGAGGAAAAACAGGAAAAAAAAGAGGGAG G G G G G A A G G G G A A AAA G G GAGGGGAAACCGAAGACGGAGGAGGAAAGGA CCCCACAGGGGGGGCCAAAAGGGAAAGACCAAAGGAAAGGAAAGTTACGG G G A A C C A A T T G G G G G G G G G G G G A A A A A G G G G G G GAA G GAGGGAGGACAC AGAGGAGGGAAGGAACCAGAGAGGGGGAGAAGGCACCGGAAGAGAAGAG GGACAAAGAGGAAAAAGGACCCAGAGAAGGAAAAGGGGGAGAGGAAAAGG AAAAGGGAGAGGAAGGAACCAGCACGAGGAGGGGAGAGGAGGGGAAAGA AAGAAAAAGGGGAAGCCGGAAAAGGGGGGGGAAGGGGGGAAGGCCAAAG AGCACAAAAAAAGGAGGGAAGGGAGGGAAGCCGAAGAGAGGGAACCCCGA G G G GAAGGGGAACCGGGGAAAAGGGAAAAGAGAAAAAAGGAGAAAGGACC AGGGAGCCACAAACGCCCAAGGAAAAGGAAGGCAGAAAAAAGAGGAAAAA G GCCAAGGAGCCGGGGGACCACGGAGAAACGGGGGGAGAAAACCGACCGG G GAAGACAGGGGAAAGAGAAAGGAAGTTCAAAAGGGAGGGGGACAAAGGG ACGGGGAGACAGAGGGGGAGAAAAGGGGGGAGAAGAGGGGGGAAGGCCA GCCGAGGGGGGAAGGAAGGGGAAAAGGAAGGGGGGGGGGAAAAGAAGAA G G G AA $\operatorname{G}$ G G G G GAGAGAGAGAAAGGGGGGGAAGAGAAAAGCAGGGAAAGG GGGGGAAAAGCAGGGGGAAGGAAGGAAACAAGAGGAGAAGAAGGGGGAA CCAGCAGAAAACGGAGAAGGAAGGAAAACCAACCAAGGAGAAGGGGAAAA GAAGGACCGAAGGGAGAGACGACCGGAAAACCCAAAGAAAACGAGAGGAG GGCCACGGCAGGGAGGACGAAGAGGGGAGAGGGGGAAGAAAAGGGGAAC CGGGGAAAAAAAGGGAGACGAGGGGCAAGGGGGAAGGAAGGAGGGAGAG AAAACAGAGGAAACAGGAGGGGAGGGAAGGCCGGAGAAGAAAAAGGAAAA AAGGAAAAACGGAAGAAGAGCCGAGGAGGGAAGGGGGGGAAAAAGGAGG GCATTGGACCCGGACGAAAAGGGGAAAGGGGAGGGAGGAAGGAACGGGG AAGAAGAAGGAAAAAGGGAACAGGAGGGAAAAGGGCAGGGAAAGAAAAAA AGGGAGCCCAAAAAAGGAACGAAAGGAAGGACAAGGAAAAAGGAAGAGGA G G G G G GAAGGGGAAGAAGCACCAAAGGGGGGGAAAAGGGGCCACAAAAAA AGATAGAGGACCAAGGGGAAAGAAAAGGGAGGAAAGAACCAAAAAAAAAG CCAGGGAGGAGGGGAAAAACAAGGAGGGGGGGTTAAATGGGGGGGGAAG G G A A G G G G G G G G G G A G G A GAA $\ln A A A A A A A G G G A G C A G G G G A A A G G G G G A$ G G A G G G A G A GAGCAGGGAGAAAAGGGAAAAGAAGGAAGGGGAAGAGGGA AAAAAGCGAGGATAACCCAAAGGAAGGGGGGAAAAAACCGGGGAAACAAG GAAGGGGGAAGGGACCACCCCAAGAGGGGGGCCCCACAAGGCGCAAAGAG C G A G G G GAACCGGAGGAGAAGAGACCCGGGACAGAAGGGAGCCCCGAAAA AAGGACCAGAGAAGAAAAGAGAGGAGAAAAGAGAACCAAAAAAGGAGGAC CGGCCTAGGACGAAAGGGGGAAGAGAAGGGGACGAGGGGAGAAAAAGAAA AAGAGGAGGGAAAAAAAAGAGAAAGGAAAAGGGCCCCAAAAAAAAAAGAA AAAAAACGGGGGGGGGGGGAAAAAAGGGGGGGGGGAAAAGGGAAAGAAA GAAAGAAGGGAAGGACAAGGGAAAGGGGAAGGCCCCAAAGCCAGGACAGG

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GGCCGGCCAAAAGAGGGAAAAAAAAAATGGCCGGCCGGAAAAGAAAAGAG AA G G G GCCAGAAAAAGGAGGCCAAAACCAGTAGGAAAAGGGGGGGGGGAG A GAGGGAAAGAGAAGGAGAAGGGAGAGGGAGAGGAGGGGGAAGGGGAAG GAACCAAGGAAGGGGGGGGAAGGGGGGAAGGAAGGAAAAGGGGCCGGGG GGAAAAGGGGAAGGAAGGAAGGCCGGGGGGAAAAAACCCCGGAAGGGGA
 G GAA $\operatorname{l}$ GGGCCCCGGGGGGCCCCGGGGAAAACCGGCCAAAAGGCCGGAAG GAAGGGGGGAAAAGGAAAAGGGGGGGGAACCGGGGAAGGAAGGAAAAGG GGGGAAAAAAGAGGGAGAAAAAAAAAGGGGGGAAAAAAGAGGGGGGGGC CAAGAGGGGAAAAAACAGGGGGACCGGGAAACCAAGGGGAAAAAAAAACG GTAGGGGGGGGCCGAAACCGGGAAAGAAAGGAAGGGGAGGGGAGGGGAG AAAAGGGGGGGGGAAAGGGGCCTTAGGGAAGGAAGGGGAAAGGGAAGGG GGGAGGGGACCAAAAGGAAGGACCCGACCAAGGCCGGGGAGAAAAAAGGG GAAAAGGCCAAGGGAAAGGAGCAACAAAAGGGGGGGGGAGGAAAGAAGG GAGAACAGGAACAGAAGGGAAAAACAAGAGGGCCAAAGGGGAGGAGCCAA AAAAAACAAAAGAAAAGGGGAAAGGGACAGGGGAGAGAAAAAAAGAGGAA G GAAGGAAGGACGGAGAAGAACAAGGGGGACCAAGGGGGGCCGGAAAAAA
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G G AAAAAGAAAGGGGAATTGAGGAAAAGGGAGGAAGGAAGGAGGAGGAAA AGGGGAACAGGAAAAGGCCAAAACAAAGAAACCACAGGAGAAACCAAAAC C GA $\ln$ A GAAAAGAAAGGGAAAAGGAGAGGGGGAAAGAACCAGAGGACAGAA G G G G G G GAAGGGGAAGAGGGAAAGGAAGGAAAAAAATAGAGACCCAAAGG GACGGAGCAGGCCAGGGGGCCGAAAGAGGGGGGACGGAACCGACCGGGA AGAAAAGAAAAACACAAAGGCCACAAACGGAGGAAAAAGGCCAAAAGGAA G G G GTTAAGGGGAAGGGGAAGAAGGGAAAACAAGGGACAGAGAAAAAAAG G GAAGGAGAGCACAGAGGAAGGAAGGGAAGGGGGAAAACCCCGAGGGGA AAAACAGACCAGGAAGAGAAAGAAAAAAAGGAAGGGGGGAAGGGAGGGGA A G ACCCGAAGGGGGAGGAAAAAAAAGAGGGACCGGAAGGAAGGGGGGGG G G G GAGAAGGACAGGGGGGGGAGGGAAGAACCCCAAAAAAGGCAGAAAGA AACAATGGGGAAAAGGGGAAGGAAAAGAGACAGGCCAGCCGGGGACAAAC AACAAAAAGAGGAAAGGGAAGGAGGGAGGGAGAATTGGACCCAAAAAGAC GAAAGAAAGGATAGCCGGAAAAAAAAAAGGAATTACAAGAAAGGAAGGAA AGAGGCAAGGGCCCAACCGGGGAGCAAAGGGACAAAAGCAGGGGAAAAAA CCGGCCGGAAGAAAAAGGAAAAAATTAAAAAGCAGGCCAAAAGAGGCCGA G G G A A G G G GA GCCCGGATAAGGAAAAAGACGGGGAGGGGGGAGGGGACA AAAGAGGAAGAGAAGAGAAGAAAAAAAAAAAGAAAAAAGGGCCAGAAGGC AGACCGGAAGGAAAGAGGGGGACAAAGTAAAGGACAAGGGGGGAAGAAAC CGGAAAAAAAAAGAGAGGGAAGGCCAAGGCCCCGAGGAAAGACCCAAGGA GCAAAAAAAGAGGAAAGAAAGAGAAGGAAAAGAGGGAAAGGAAAAAGATA G G G GA GAGGGGAAGGGGAAAAGGAAGGAGACGGCCGGAGCAGGCAGGGA GAGAAAAGGGAAGGGAAAACGGCCAAAACCCCACGGCCAAGGCCGAGGAA GGAAGGCCAGGAGGAAAAAGAGGGGAGGGGGGAAGGAGGACCGGAAAGG GGAAAAGCCAAAAAAGGAAGAAGCAGGAGGGGGAGGAGAAGGGAAAAAGG GGGCCAAGGAGGGGAAGGGGAAAAGAAGGGGAAGGAAAACGAGAGGGGG GGAAGGGGCAGGGAGGAAAAAAGGAGGAGGCCGGAGGGAGGGAGCCAGG GGGCAAAAACCTTAAGGGGAACCGAGGGAGAGGAGAGAAGGAAGAAGAAG GAGGGCAAGGGGAGAGGAAAAGGAGATGAGGACAAGGAAAGAGAGGGCC GGAAGGGGAAGGAAGGAAAGAGGAGGGGGGGACCGGGGAAAAAAGGAAG AGAAAAAGGGGAAAAAAGGAAGGGAAGAAGGGGCCGGAAAGAAGGAAGAG GAAGAGGGGAGGGAAGGACGGAGGGAGGGGAAAGGAGCCAAGGAGGGAA G GAAGGGGAAATACAAGAGGAGGAAGAACGGGAGAGAAAGAGGGAAGGAA G GAAAGAAGGGGAAGGCCGAGGAAAAAAAAAAGAGGCCGGAAGAAGGACA GAAAACGGGGGGAAGGAGCAAAGAAAAGGGAAAGAGAACACCAAGGAAGG GGGGGGAGAGGGGGAAGGGGAAGAAGAGGAAGAGCAGGAAGGAAGGAAA G GAAGCAAAGGAAGGTTAAACGGCCGAGGGGAAAAAGAAGGGGAAAGGAA GGACCGGGACCGGCAAGAAAGAAGGGGGAAAGAAGCCGAGAAGAAGGGAG AAGGAGAAACCTTAAGGAAAAGAACAGAGAGGAAAGACCACAGAGGGAAG GAACCAAACAAAAGGGAGAAGGGAAGGGGGAAGGGCAAGGAAAAAGGGGA AAAAGGAGACAAGGGAAAAGGGGAAAGGGAAGCGCAACCCAAACCAAGAG GAAAAAGAGCCGGAGAAAAGGAAGGGGGGGGGGAATTGGGGAAGGAAAG GGGGAGAGACCCGGGAGGAACCGGGGGGCCAGAGGAAGCCGAAGAACCG GAAAAAGAACCAAAAGAACAGAGATAAACGGAAAGAAGGGAAGAGGACAG GAAAGAAGGCGCCAAAAGATTAAGGAGGGGAAAAGAAAAAGGAAGGAGCG AGAGAGAAGAAGGAGAAGAAGGGCCAAGAACAAGAACAAGGGGGGAAAGG G G A G G G G GAGGGGAAGAAGGAGGGAAAACAGGGGAGGAATTCCGGCAGA AGAGGGAGGGAAGGGGGGAAGGAGGAGGGGAAAACCGGAGAAAAAAAAG A G A A G G G A GAGAGGGGAGGACGGGAGGGGAAAAAGAAGGAAAAACAGGG G GAGGGAGAAACGGCCGGAGGGAGAAAAGAGGGAGGAGGGACGGAAGGA AAAGGAAGAGGAACCAAAGAGGGAAAGCAGAAAAAGGGAGAGGAAAAAAA AAAAGGAAACAGAGGGACCGGGGCCGGGGAGCCAACGGGACGAAGGGAAG GAAAGAAGAAGGGAGGGAACCCCGGAAAAAAAAGAGGAGGGCAAAGGGGA AA $\operatorname{l}$ G G GAAAGGCCAGGGAAAGGGGGGGGGGAGGAGGGAAAGAAAAGAAA GGAAAGAACCGGAGAACCGAAAAAAGGAGGAAGGAAAAACAGCCAAGGAA AGCCCAAAAAAAGAGAAAGGCCACGGAAAAAGAGGGCAGAGAAGGAAAGG AAAAAAAGAAACACGGAGGAAAAAGGAAGGGGAAGAGGACAAAGGGAAGA AA G GAGGAAACAGGGGAAAAAAGAGGTTGGAAAGAAAAGGAAGGGGAGGG GAGGAAGGAAGGAGGGAGGGGGGGAAGAGAAAGGGGAGAAGGAAGAACA AACGGCCGGACGAGAAAAGCCCCAGCCGAGAAGGGAAAAAGGGGAAAAAG GCCAAGGAACCCCGGAAGGAGAAGGGGGCGGGGCCGGCCGAGGAAAGAG

AGGGAAAAAGCAAGAAAAACGGGGAGGAAAGGGACCAGAAAAGGGGAAGG GGAGAAAAAAAAGGAGGAAATTAGAAAAGGAAAAGAAAAAGGGGAAAAAA G G G G G G AAAAAAAAGGAAAAGGGGGGAAAGGAGGAAAGGAGGAAAGCAG GAAAAGGAAAAGAGGAGGAAGAAAAGGGAGAACGAACAGGAGAGGGGGG G G G GAAGGCCAACCAAACAACCAGACGGGAGGAACCGGAAAGAAAGGAGG AAACAAAACCAAGGAAGACCGGGGAAGGAAAGGGGAAGGGAGGAAAGAGG CAAGCCAGGCAAAAAAGGAACGGGCACCGACAGGGGGAAGGGAACCGGGA ACAGACAAAGGGGGGGAGGGGGCCAAACCCAGGGGGAAGGGAAAACAAGG G G G A G G G A A G A A G GAGGGAAGGGGGGAAAGAGGGGAACGGAAAGGGGGG GAGGGCCGGAGCCGGGGAAAAGGCAAGGGAGAAGAGGGGAGAACCGGAA GAAAAAGGGAAAAAAAAGAGAAAAGGGGAAAAGGAAAAGGGGAAGGGGAG GAGGGAGAAAAAAAAAGGGAGGCCCCAGAGAGGGGAAACCAGAAGGAGGG GGAGCACCAACCGGGGAAGGAGAGACAAAAAACCCAGAGGGGAGAAAAGG GAAAGGAAGAAGGGGGAAAGGAGGAGGAGGGGAAGAAGAAGGGAAAAAA GAGGAAGGGAAAAGGAAGAACAAAAGGCCGGAGGAGGAAGAAGGGGGGG AAAGAAGAGAAGAACCGGGGAAGGAACCGGGGAGCCCAACGGAAAAAACC A GCCGGAAGGAGGGAAGGAGGGGGAAGGAAGGAAAGGGAAGAGGGCAAA AAA $\operatorname{l}$ GGGGGAAGAGGAGGAACAGCCGGAAAAAAAAGGAGAACCGGAAGGA GTTGGCCGGGGGGGGGAAAGGAACCAAAAGAAGGGGGAGAAAAGGAGGA GGCCGGAAACGGGACAAAGGACAGCCAAGAGAAAAAGGGGGAGGGGAAAA G GAAAAGAGGACAAGGAAAGGAGGAAGGGGGAGGGGGGAAGGGGCCAAA AAAAAAAGGAAAAGGCCAAAAGGAAAAAAAAGGAAAAGGGACAAGAGAGG ACAGAGGCCGGGGAAAGCCAGAGAAAAAAAAAGCCAAAGCAAAGGAAAAA A G G G G G A G A A A A A G G GAGGATGGAGCCCCAGGGAAGAGACAAAAAAAGGG AA G G G G G A G G AAA $A$ AAAAAAACCGGAAGGGGAAGGGGCAAAAAGGAAAGA CAAGGAGAGAGGAGGAAAGGGAACCCCCCCCAGAACCAAAAGGAAAAAAC GGGGGTTGGCCAACCGGCCAAAAAAGGGGAAGGGGGGAGAAGGAAAAAG GAAGGGGAGGGGGGAAAACAAGAGGGGGGAGAGAGAGGAGAGGGGGTTA AACGAAAAAAGCCGAGGAAAGAGAGAAGGAAAGCCAGACAAGGCCAAAGG GAGAGAGAGAAAAAAAGAAAACCTAAGAAGAAGGGGGGGGAAAAGAAACG GAAGGCCGGACGAAGAAGAGGGGAAAAGGACAAGGGGAGAAAAAAAAGGC CGGGGGAAGAGGACCGGAGCCGAAAACAGTTGGAAGGGGGACCAAGGGG CCCCAACCAGGGAAGGGGGAGAGGAAAGGGAAGCAAGAGAGATTCCGGGA G G A A CAGAAGAGGGAGGGCCAAGGGGACGGAGCAAAGAGGGGCACACCAA AAAACCAGAGAGAAGGCAAAAAGAAAACGGAGGGGAAAAAGGGGGGGGAA GAGGGGAACAAAAACAGGGGAGGGCAGAGAGAGAGAAGGAGAGGAGAACA AA GGCCAAAAACAAGGGGCACGAGAAAAGGAAGGGGAAAAGGGGAAGGGG A G G GAGGGAAGAAAGGAAGAAGACCAAAAGGGTTGGACAAGGAAAACCCC AAGGAAGGCCGGAAAAAAGGCCCCGGAAAACCAACCCCGGGGAAGGGAAA
 A G G G G A A G G A A A A G G G G G G GAGGGAGGGAGGCCGGGGAAAAGGAAAGGG GGAAAAGAGGGGGAGGCAAAAGGGGACCGGCCGGAAAAAACCCCGGGGG GTAGGAGAGGGAAAAGGGGGGGGAAGGGGAAAAAAAAGAGGAAAGAAGG GGGAGGAAGGAAAAGGCCAGAAGGGGAAGAGAAGGGGGAAACGGCAGGA AAAGGAGAGCCCGGAAAATGAGGAAAGAAGGGGGGAAGAAGAAGGGAAGA GACAGAAGGGGAAGGGGAAAGGAAAAGGGAGAGAAGGGGAAAAGGGGGA AAGGAAGGGGAGCCAAGGGAAAAGAGGACCGGGGCAACAGGGAAGGAAAA AACCAAGAGGAAGAAAACAAAAAGAAGGAAGGGGAAAGCCAGCCGGACAA
 GCCGGGGGGGGGGGGAAAAACGGGGAAGGGGAAAAGGAAGGGACCGGGG G G G G GAACGACAGGGGGCAGAAACAAAAAGCCGAGGGGGGGGGGGAAGA ACCGGGACCGGGGTAAAAGACGGGGGAGGGAGGACAAGAGGCCGGAGAA ACCCGGAAAAGGAAAAGGAAAAGGAGGGGAGAAACAGGAAGGGGGGGAAA CACCGGAAGGACGAAGAGGAAGGGCCGACCAAGGGACAGGAAGAAAAAAA AAAACCGGGGGGAAAAGGGGAAAGGGCCAGGGGAGGGGGACCCAGGAAA CGGAAGGAATTGGCCGGGGGGAAAAGAGGACGGGGAAGGACCAAAAAGAG GAGAGAAGGGAAGAACCGGGGCCAAGGGAGGAAAAAACCCCGAGGGGAGA G G G G G GAGGGGAAGGCCGAAGAGAAGGGAAAAAAAAAAAACAAGGAAAAA GAAAAAAAGGGGGAAGGGGGAACAAGGGGGGCCAAGGAAGGAAACGGAG A GAGACGGGGCCAAAAAGGGGAAAAAGGGGGGCAGGGGGAGGCCAAACG AGGAGCGGGGGGGAAGAAAAAAAAGGAAAGGGAAGGGGGAAATCAGAAAA

AAAAGGGAGGGAAAAAAAAAGAAGGGGGGCCGGAGAAAGGGAGAAGGGG CAACAAGGGGGGAGAGGGAAAAAAAAAAGGGGAAAAAAAAAAAAAAGGCC CCAAAAAAAAAAAAAAAAGGGGAAAAGGCCAAGGGGAAAAAAGGGGGGGGG G GAAGGAAGGAAAAAAAAAAAAGGAAAACCAAGGGGAAAAGGAAGGGGGG AA G GCCAAGGAAGGGGCCAAAAGGGGCCAAGGGGCCGGGGGGCCAAAAG G G GAACCGGAAGGAAGGGGAAGGGGGGCCGGGGGGGGAAGGGGAAAAAA AA G G G GAACCAAGGGGGGAAAAGGAAGGAAGGAAAAAAAAAAGGAAAAAA G G AAAAAAGGGGGGGGAAAAGGGGGGGGGGAAGGAACCGGAAAAAAGGG GGGCCGGGGAAGGAAGGGGAAGGAAAAAAGGAAAAAAGGAAAAGGAAGGC C G GAAAAAAGGAAAAAAGGGGGGGGAAGGAAAAGGAAGGAAGGAAGGGG AAAAAAAAGGGGGGAAAAAAGGGGGGCCAAGGAAAAAAGGGGAAGAAAAG AGGAGGGGAAGAGAGGAAAACCAGAAGGACAAAGAGGAGAAGAAGAAACA GGAACCGGAAAACAAAAAGAGGGGGGAGAAAAAAGAAGAGCCGGAGAAGA AGAGAAAGGGAGAAAAGGAGGAGGAAAAGGAAAAGAGGGAAAGAGGCACA GGGGACGGAAAGAAGAGAGGGGGGGAAGAAAGGAAGGAGGCCGGAAGGA GAAAAAAAAAGAAAGGACAAGGAAGGGGGGGGAAAGGCAGAAAGGACCAA AGGACAAGAGGAGCCAAAAAGAAAAGACCAGGAGGAAGGGGGGGGAAACA
 G G G GAA GAACCGGCCCAAAGAAAGGAAAGCAAGGAAGAGCCCCCAAGAAG GAGGGAGAAGAGGGAGAAAAAAACCAAGGGGAGCCAGAACCGGAGACGAC CGAAGAAGAAAGGGGGGGAGGAAGAGGGAGGAAAAGGAGCCAAGGGGAA AAAGAGAAGAGGAAGAGAGATTGAGGGAGGAAGAGGAGGAAAGAGACCAA A GACAAGGGAGGGACCGGGGCCGAGAAAGGAAGGGGAAGGCAAAGGGGG AAGCCAACCAAGGACGGACAAGGCCGGAAAAAGAAGGGGGGGGATGGAGC CAGGGGACCGACAACAGGACCAGGGGGCAGGGGGAGAGGCAAGGGACAA GGAGCCGAAGCAAGGGAAGGGGAAGGGACCAAGGGGAAAGGAACGAAACC AACCAAAGCCAAAAGGAAGAGGACGGAAGGGAGAGGGGAAGGAGAGAAGG GGAAGGAAGGAAGGGGGGGGAAAAGGGGAAAAGGCCAGGACAACGGAAA AAAAGAAAAAAAAGGGGAAAAAGGAAAGGGGAGAGAGGGAAAAGGAAAGA GACGGAAAGGAAAGAAGGGGGAGCCGAAAAGACGAAGCCGGGGAAGGAAG AGGCCACGGGGGAAGGGAGAGGGGAGGAACCGGCCAAGAAAGGGAGGAG AGGAGAAACCACCAAAAAGGAGAGAGGGGGAAGGAGGAAGAGAACCCAAA AACCAGAGCAACGGAAGGAGAGGGCCAAAGCCGGGGGAAAAAAAGGGGGG CCAAAAGACAAGAAGGGGAAGGAAGAAAGGGGGGAGAAAAAAAAAAAAGG A GCAACAGAAGGGGAGAACCGGGAAAAGACAAGGAGAAGAAGCACCAAGG AGCCAGGAAGAAACGGAAAGGGAGAGCCAAGGAGAGGGAAAGGGGAGGG GAAAGGAGGAAAAAGGAGGAAAAAGAGGGGGGGGAGGGGGGGGAAAGGG AA G G G GCCAAGGAGAAGATAGGAGTAAGGGCAGGGAAAAAGAGGGGGGG G G G A A G GAA $\ln$ GAAGGGGAAGGGGGGAAGGGGAAAAGGAAAAAACCAACCC CAAAAGGAACCGGAAAAGGCCGGAGGAAAGGAAGGAAACGAAAAAAAGAA AGGCCGAGAAAGGAAAAGAGGGGCCAAGCGAACAAAGAAAAGGGGAGAAA AGAGGAAGGAGGGGGGGAATAAAACGACACAAAGAGGAGGGAAAAGGAAC CGGGGAGAAAAGAGGGAGGGGAAGGAAAAAAGAGGGAGAGAAAGGAGGC G G G GCCGGAAAAGGGGGGAAAACCGGAGAGAGGGAAAAAAAAGAGGCCAA AAGGGGAAAACAAAAAGAACAAGAGAGAAGGACAAGAAAGGAGAAAAAGG CAGGAAAGAAAAGGAAGAGAAACAAGACGGGGAGTTGGAAGAGGGGAAAA AGAAGGGGGAGGGGGGAACAAGACAGGGAAGGAAAAAAGGGGGGGGAAA AAAGGGAACCAAAGGAACCCCAAGGCCCCAGGGCCAGGGGAAGGAAGGGG G G G G G G G G G A G G G G G G G G G GAA GAACAAGAGAAAGGGAGAAGGGGAATT AAAGAAAAGACAAACCAAGGAAAAAAGGAAACAGAAAAGAGGGAAAAAGG GGGGGAAAAAAAGAAAAGCCAAAGCCGAGGACCAGAGAGGAAAGAGAGGA AAGAAAGGGGGGGAACGAGAAGACAACAGAAGAAAAGAGGAAAAGGGAGG G GAGAAGGGAGGCAGAAAATGGGAGGAAGAAGAAAAGGTAAAGGAAAAGG AAAAAAAACCGGGGAAGGGGGGAAAAGGAAGGCCGGGGGGAAGGAAGGG GGGGGGGAGGAGGCCGAAGAGAGGAAAGGAACCGGAAGGGGAAAAAAGG AAGGAAAAGAAGCCAGGAGGCAAGCCGGAGGGAGAAAAAAAGAGGGGGGG GGGGAACCGGCCGGGAAAAGCCGGGGCATAAGAGCAAAGGGGAAGGGACC AAAAGGGGGGAGAAGGAAAACCAAGGAAAGGAAAGGGAAAAGGAAAAAGA GAAACCCGGAGGGACAGGACCCAGAGAAGGAACCGGAAGGAGAAAGAGAA AAAAGGACAGAAACGGAGAACAAAAAAGGGAGAGAAACGGGGAGAGACAC AGAGAGAAAAGGAAGGCGAAAAGACAAGAGAAAAGGAAAACCGGAAAGGG

AAAAGGGGGGAGACAGCCGGAGGGAGGGAAAGAGGGGAGAGAGGGGAAG GACGGCCAAAAAGAAGAGGCAACAAGGCCGAGGGGGGAGGAAGGGGGGA CCAGAACCAGGAAGAGCCCAAACCAGCAACCAAGAAGGAACCGGGGGGAA AAGGGACCAGGAAAGGACGGCCACCCGGAAGGGGGGAAGAGAAAAAAAAA GGGAGAAAAAAGACCAAGCCAAGGAAAGGGAGGGGGGAAAGGAAAAAAAA GAGAAGAAAAGGAAGGAAGGGGAGAAGAGAGAAAAAGGAAGGGAAAGGG GAAAGGGAAAAGGAAAAAGGGGAGGAAGAAAAAAGGGGAAGCGGAGGAG G G C CTA $\operatorname{l}$ AGGGGCCCCAAGGAAAACAGGGACCCCGGGGAAAAAAAAGGGG GAGGAGGAAGAAGGGGAACCAAAAGAGGAGCAGAAACCGGAACCAAAGAA AGGGGAGGAAAGAGGGGGGAGGAGAAAAGGCAGGGGCACCCAAAAAAAAC GAGGAACCAGAGAACAGGGAGGCCAGAGGGGGGGGACCAAGGAAGAAAAA GGGGGGAAAAGGCCGGAACCAAGGAAGAAAAGAGAGGAGGGGTTAAAGAG AGGGAAGGCCGGAAGGAGGGGGAAAAGGGAAGACGGAGCCAAGGTTAGG AGGAGGAGACAGAGGGGGGAACAAGAGACGAGACAGGAGCCGGAACCCCG AAAAGGGGAAAGGAAAAAGGGGGGGGACAAAGGGGGGGGGGGGAAAGGG AAAAAAGGAAGGGGGGGGGGAGAAGAGGGAGGAGGGAAGAGGAGGAGGC CGGGGCCGGAGAATAAAAAGGAAGGAGGGAGGGAAGAGGGGCAGGGGAA
 A G A G GAAA $\operatorname{A}$ G GAAGGGAAGAGGAGGAAGGAAGGGGAATACCGGATGGAC CAGGGGAAGGGAAAAACCAAAAAAAGAAAAAGGCAAAAGGAAGGGGGGGA AAAAAGAGGGAAAAGAAGAGAGAGGAGGAAGAGGGGAGAGGGGAAGACG GAAAACCGGAGGAAAAGAGCAGGAGAAAAGGAAACGAACAAACAGGGGGA AAGGAAACCAAGGAAAAGGGAAAGGTTAAAACCATAAGGAAAGAAAACCC CGGAGAAAGCAAGTTAAAACACCGGAAGGAAAAGGCCGGAAAAACCCCCA ACCAGAGAGAAAAGGGGAAAAAAGGGGGGGAGAGAGGAAGGAGAAGGGA CAAAAGAGCAAGCCAGAAGGGAAGGAAAGGGGCAAAGGCAAGAACCCCAA AGAGCCAGAGCCAAGACCGACCGGGGAAGGAGAACCGAGGGGAGCCAGGG AAGGAAAGCAGGAGAAAAAAGGAAGAGGAAAGGGGGGGACAACCGGGGG GCCATGGAAAACACGCCGAAAGGAAAAAAAAGAAGAGCAAAAAGGAAGGA ACCAGAAGGGGATGGAAGGGGGGGGAACAGGAAAAGGGGAGCCCCAAAGC AGAGGAGAAGAGGGGGGGAGAAAAAGGAAGGAAGGTAAAGAGAAACCCCG AACAAAAAAACGAAGGAGGGAACAAAGAGAGGGAAGGACAAAAGACCGGG ACAACAAAGGCGACCAAGGGGGAGGGAGGAAAAAGAGAGCGGAAAGGGGA AAAGACAAGGAAGACGCCAAAGGAAAAAAGGAAACACGGAAAAGACCGGC GGGAAAAGGACCAAGAAGGCAGGAAACGAAGGGGAGGGAGGCAGGGGAA AA $\operatorname{A}$ GAAGGGGGGGGACCCGGCCTAAAGGACGGGGGAGGAGGGGGAGGAG GCAAGAGGGAAGGGGAGGAGAAAGGAAGGAAAAGGAAGAGGGGGGGGAA GGGACCGACCGGCAAGAGGGGGGAGGGGGGAAGGAAGGAAGGAGAAGGG AAAGGAAGGGGAGAGAGGAAGCAGGTTGGGGCCGGGGAAGAAAGGGGGA GGATAAAGAAAGAAGGGGAGCCAAGGGGAAAAAAAGGAGGGAAAGACAAA AGGAGGGGAGAAAGGAAAGGAGAAAAGAAGGGCCGAGGCCAGAAAGGAGA AAAGGGCCGGGGGGCCAACGGAGGAAGGAAAGCAAACCGAAAAAAAACAA GGAGAGGGGGAAGGGGGGGGAAAGCCGACCGGGGAAAGGGGACCGAGGA GCCCGGGAAGAGGGGAAGAACGGGGAAGGGGCAGGCCGGGGCAAACCGG GAACAAGGGAGGAAAAGCAGAAAAAGAAGACCCCCCAAGGGAAAAAAAAG GGGGGAAGAACCGAGAAGAAGGAAAGGGAAGGCCAAGGGGGGAAAGAAA GGGAGGGGAGGAAAGGGAAAAAGAAGGAGAAGGAGAAAGGAAGAGCAGG AAAAAGGGGAAAGGGAACAGGGGAAAAAACAAGGAAGGCCAAGGGGGGCC GGGGAGGAGGGGGAAACCAAAAAGGAGAGGGGCAGGAGAAGGTAACGGA
 AGAGAAGGGGAGGAGGGGAGAACCGGAACCAGGGCCGGCCAGACGAGACC G GA G G GAAAAGGCCAAGGGGAGGAAAAAGGAAAAAAAGAAAAAACCGGGA G G ACAGAAAAAAAGAAAAAACCGAGGGGGGAAGGCAGGAAGGGGAAAGAA GGGGAAGGAAGGAAGGGGCCAAGAACAGGGGGAAGGAACCAAGGGGGGG GAAGGAGAAAACGGGCCGGGGGAGGGGAGAAGGGGCCAGGGAGAAGGGA AAAAGAGAGGGGGGGGGGCAAAAGACAGAAAAAGGCACGGAAGGGGGGG
 G GAAGGGGACAAAAGATAAAAGAAAGAAAAGGGGGGGGGGGAAAAAAGGGG AAAAGGGAAACAGGGGAAGGGAAAAAGGAGAAGGAAGGGAGGAAAGGAG GCCAGGAAAGGGGACAGAAGGGGCAGAGGGGACGGACGGGGAAAAAAGG CCAGAAGGGGAAACAAGGGGGGAAAAAAAACCGGGGGAAGGACAAAGAGG

GAGAAGAGAAAACCGGAAGGGGAAAACAAAACGAAAAAAAAGGGGAGGGA GGGGCCAAAGGGAGGGAAAAGAACAGGGAAAAACGGGGAACCTTGGAATT CCAAAAAGGGAACGCCAGACAGAAGGGGGGGGGGAAAAAGATGGGAGGGA GGGGGGAGAAAAAAAGGGAAAAGGAGGGAAGGGGAAAACCAAGGGGGAA GAGAGAGGGGGGAAAAGGAGACCAAGGGAGAGGGGAGAGGGAAAAAAGG AGGGAGAGCCGCGGAAGGGGAAAAGGGGGAGGCCGAGGACCCAACCAAG GCAGGGAAGCCCCAGAAGAGAGAGAGGGGAAGGAGGGGAGGAACCGGCC ACAAAGGGAAAAAAGGGAAAGGGGGGGGGGGAGAGGGGTTGGCCGAAAA GAAAGAACAAAGGAGCCAGAAGGCACAGGAGAAAGACCCGAACGGAAGGG GAGGAAAACCCAGTTTTGGAAAAAGGGGAGGGCAGAAGGGGAAAACCGGA AGACCGGAAGGCCAAGGAGAAGGAAAAAAACAGAACCAAGAAAAAGACGG GAAAGAGAGAAGGAGGGCCAAGGGGAACCAAGAAAAAGAAGAAAAGGAAG AAAGGGGAAGGGGGGGGAAACGGAAAAGGAGAGAAAACCGAGGGGCCCAT TGGGGGGAAAAAAAGAAAAAGGGGGAAAAAGTTGGAGAAAGGAGAGAGGG AGGAAGGAAAAGGAAAGGGGGGGGGCCAGGGAAGGGGGGTTGGGAAAAC GGAGGAGGAAAGAAACACGGGAAGGAAAAAAGGGGGGGGGAAAAAAGGAA AAGAAGGGGACCGGAAAACAAAAGGAAGGAAGGAAAAAGGGGAGGGGGAG AGAAAAGGAGGAAAGAGAAGGGGGCGGAGAAGAACCGAACGAGAAAGGAA AAGGGGGGAAGAGGAAGGAAAAGGAGGGGGAGGGAAGAGAGAAGGAAGG AAAAAACAAAAAAAAGGGGCCAGAAGGGGGGAAAGATAAGCAGGGACAAG GCCAGGGAAAAAAAAAAAGAAAGAGAGAAGAAGGGGGAAACAGACAAAGG AA G G GAACCGGGGAAAAAAGGGGCCAAAAGGGGGGAAGAAAAGAGAAAGA GGGCCAAGGAAAAAAAAGGAAGGAAAGGGGGGAGGAGGGAGGGAACAAA GGAAAAAAGGAGGGGGGGAAAACCCCAAAAACGGAAGGCCCCGGAAGAAA CCAAGGGAAAAAGGGGGGACAAGAGGGGAAAAAACCCCGACAGACCGGAA CAAGCCGGAGGACAGACCGGGGAAGGCCAGAAGAGGAAAGAAAAGGCCCA GGAGGGAGGAGGGGGGAGAAGGAAGGAAAAAAAAAAGGAACAGGGGAAG GGAGAGGTTAAAAGGGGCCGGGGAGGAAAAGGAGGCAGGAGGAGACCAA GAGGGGAAGACAGGGGAACAGGATAGGGGAGGAAACAGCAAAAAAGACGG ACCACAAAGGGGGGAAGGGGGGGGCCAAAAAAGGGGAAGGAAGGGGGGA ACCAGGACAAGAAGGAGGAAAAAGGGGAAAGATGGGGGGAGAGAAAAAGC ACAAGCAGGAAGGAGAAAAAGAAGGAAAAGGGGAACAAAAAGAAGGGAAA AAACAAGAGGGAGAAAGAAAAAAGGAACCAAGGAGAAAACAGCGGGAGGA GAAAAGGAAGGGGCCGAGGAAAAGGGAAAGAAAAGAAAAGGAAGAAAAGC CGGAAAAGAGAAGCGACAGAGGGAAAGAGGGGAAGAGAAACGAGGGAAGA CGACCAGACGGGGAAAAGGGGCCGAAAGGGGGGTTAACCAAGGAAAAAAC CGAAGAGGGAGAAGAGGGGAAAAAGAGAAAAAAGGGAAAAACCAAAAGGA AGGAAAGGGGGGGCAGAGAGGGACAGGCAGACCGGGGGGCCCCAGAGGG GGCCGGGGAAGGAAAGAGGGGGAACAGACCGGACAGGAACAGGGAGCAAA GGGGAAGGAAAAGGAGAGAAATAAAAGGAGCCAAGGGGGCGGGGGGACG GCAAGGAGAGGAACCGGAAAAAGGGGGAAAAGGGGAGAGGAGGGGGAAA GGGGAAGGAAGGGGAAAAAAAAAGAACCGAGGCACACAAGGGGGAAAAGA AGGGGAAAGGGGCCGGGAATAAGAAAAAAAGGAAACAAAAAAAAAAAAAA AGAGGGCCGGGGGGAAAGCCGAAGAAAAAGCCCCGGAAAACCGGGGACCA AAAGAAGCGCAAAGCAGGACCCGGAGGGAGGAAGACAAGGGAGAGGCAAA GGAAGGGGAAAGAAAAGGCCGAAAGGAAAAGACCGGGAAAGGGAGAGGCC GGGGGGCCCAAGCCGGGGAAAGAGAAGAGGACAGGGGAACAAGGGGAGA GAGAAGCAAGGGACCACGACCGGAAGAAAAGGGAGGAGGGGAAGGGGGA AACAAAGGGGAGAAAACCAAGAGACGGGAAAAGGGGAAAGCAAAAGAAAA GAACAAGAGAGCGGGAAAAAGGGGGGGGAGACGGGGGGCCGGGGGGAAA GGGGAAAGGGGGGGGAGGGCACAGGAGAAAGGAGGAGGAACGGGGGGGG AAAAAACCAAGGAAAAGAGGAAAGGGGGAGCAGGAACAAAAGGAGAAAAG GGGGGAAAATAAGGACAGAAGGGGGGAAGGAAAAAAGGAGCCAAAAGAGG GAAGGGGAAAGAGGAAAAAGAAAAGAGGGGAAGAAGGAAAAAAAAAACAC GAAGAGAGAAAACCCCAAAGCCGAAGTTAAGAGAGAGACCAAGAGGAACA AAAAAGGAAAAGGAAGAGAAGGGGAAAGAGACAGGGCCAAAAAAAAAGGG AGCCGGAAAGAAAGCAGAGGGGAGGGGGAGAAGCGAAAAAAGCCGGAGAA GAAAAGGGAGGAGGAAGGGGAGGGAAAAGGCAAGAAGGAAAACCGGACAG AGGAGAGAGAGAAAAAGGAAGGCCCCGAGGGAGGAGAAGGGGAGCCAACC GGCCGGAGGGAAAACGAGCCGGGGGAGGAAAACGAGAGGGGGCCAGAGG GGGAGAACGCCGGGGAAAAAAGGAAGGGGGGGGAAGGAAACAAGAGGAA

GAGGGGGGCCGAGGGGGGGGGGGGAAAAAGCAAAGGAGGGAGCCGAAGG AGGGAAGAAGACAAAAAGGGGGAAACCACAAAAAAGGGGAACCAAACAGG G GAAAAAGAAAGGGGGGAACAAAGACCAAACGGGAGAAGAGAGAGGGGGT AAAAGAAAAAGAAGGGGGGGGGGAGAAAGAATTGAAAGAAAAGGGAGGAG GAAGAAGGAACAAAAAGAAGGAGGGAGAGACAGACGAAGACGAAAAGGAG GGAAA G G G G G G CAGGGACCAGGGAAAAGGCCAAGGGGAGAAAGAGGGGG G GACGGGGCCGAGAAAGGGAAGGGGACCAAGGAGGACAAGGGGGAAGAG A A G
$22040000-9$ GAAGGGCCGGGGGGGGAAGGAGAAAAGAAGGGAAAAGGAACC CCCCAAGGAGAGCAGGAAGGAAAGCCAAAAGGAACCGAGAAGGGGAGAGG AACCAGAGGAGGCCGGGGCCGGGGAAGGCCAAGGAAGGGGAAGAAGGGA AAAAAGGGGAAAGAAGGAACAAAGAAAGGAAAGCCGGGGCCGGAGGAGAG AAAGGGAGAAAACGACCGGACCAGGGAAAAGGGGAAAAGGGGGCCAGCCA GAA G GAAAAGGGGGGAGGGGGGGGAGAAGGGCCGAAAAAGGAAGGGGAA AAAGAACCAAAAAAAAGGAACCGGAGGGAAAGAAAAAAGAAAGGAAGGAG AAGGGGAAGGAAGGAAAGCCAGGGGGAGAGAAAAGGGACCGAGAGAAAAA G G GAGGAAAAGACCAGGAAAGGAAGGAACCGGCAACCCGGAGAAGGGGAA G GAAAAGGTTGAAAAAAGGGAAGGAACCGGGGAAAAAACAATCCGGAGAC G G G GAA G GAGCAAGGAGGAAAACAAAAAGAAAGGAGAAGAACGGAAGAGG AAGGAAGGAAAAGGCAGAGGGGCCGGAGGGAAAACCAGAAGAGAACGAAC AGACGGCAGGAAGAAAGGAAAAAAGGAGAGGGGGGAAAAAGAAACCGAGA G G A G GAA GCCAGAAGGAAAAAAAGAGAGAAAAGGGAAAGGAGAGAACCAA GGAAAAAAGGGACCGAGAGGGGGGCCACGCCGGGAGAGGGGAGGGGAGA AAAAAGGAAAAGAGAAAGGAAGGGGCCAAGGGGGGGGCCGGTTGGGGAA A G G GAAAAACGGGGAACAAAAAGGAAAAAAGGCCGGAAGGGGAAGGAAAA GGAAAAACACGAGGAAAGAACCGGGGAAGGGGCCAAACAAGGCCGGCACA AAGGGAAAAGGAACAGAGGAAAGAGACAAAAAGGAAAAGGGGCGAAAAGG GGAAGGAAAAGGGGAAGGCCAAGGGAAAGAGGAGACCAAAGGAAACGAAA AACCGGGAGGAAGCGAAAAAGGGGGAGGGGAGCCGGGGAAGGAAGGAAA AAACCAAAGAAAGAAAAGAAAGGAGCCAAAAGAGAAAGAAAGAAAAGAAG GGGGGAAAACCGGGGAAAGGGCCAGAAAACCAAAAGAAGGAAAAAGGAAC CGGGGAAAACCAGCCAGGGAAGGAAGGGGAAAGGGGGGGAAAGAGAACCA GAAACCCGGGGGGGGAAGAAAAAAACCCCAACAAAAAGGAAGGGAGGAAC CAAAAACAGAGGGGGCAGAAAGGAAGACCGAGGAGGGAGGAAAGGAAAGA G G G G G A A A G G G G GAAAGCCAAGAAAGGGAAGGGAGAAAAGGAAGGAAAAC AAAAACAGAAAGGGGAAAAACGGAAGGCCAAGGAAAAAAAAGGAAAAAGA GTAAAGGCAGGAGAGCATTGGCAAAGGGAAAAAAAGGGGAAAAAAGAGAG GAGAAGGAAAAGGTAGGGGGGAAGAAAAAGAAGCCAAAGAGGGAAAAAAC CGGAGAAAAACGGGGGGAACCGGCCAGCCGAGGCGACGGAGCAAGAAGGC CGGCCAAAAAAACACGGAAGAAAGGGGGAGGGAAAGGAAAGGGGGGACAG GAGAGGGATAAGGGGGGGAGAGGAAGGGAAAGGAAGACCAAGGAATTAA GGGAAGGGAGAGAAGGAGGGGGCAGGGGGAGGGGAGAGGGGGAAGGAAA AAAGGCAAAAAGGGACCGGGCGGAAAAGGGGAAGGGGGGGGGGGACCGG GGGGAAGGGGAAAAGAAACCACGGAAGGAGGGCCGGGGCCGAAAAAAGG GAGGGGGAAGGGGCAAGCCAAAGAAGGAACCAAGGGGAGGGCCGAAGGG GGAGAAAAAAACAAGGGGAGAAGGAGGAAACCAAAGGGACCCGAGAAAAA AAAAGGATCAGAAGAGCCGGGGGACCAAAAGAGGCCAGGAGAGGGAGGGG GGGGAAAAGGGGAAAAACGGAGAAAAGACCAGGGGGAGAGGGAGGAGAG GAGAAAAGAGGCCAACCGACCAACAAAAAGAAAAAGGCCGAGAGAGGGGA AGGGAAAAAACAAAAAGGAAGGAGAAGGGGGAGCCGAGGGGAGAGAAGGA AA GACGCAGGAAGAAAAAGAACCAGGAGGAACCGGAGGGAAGAACGGGGA GAGGGCCGGCCAAGGGAAAAGAAGAAAAAGACAAGGGGGAAGGGAAGAGA AGACAGAAAGGCCGGAAGGCCACAAGGAGACAAGAGGGAGGGAAAAACCG GCCAAGAAAACCACAGAGGAACCAACAGGAAGGAAGGAAAAGGGAAAACG AAGGGAAGGAAAAGGAACCGGGGAACAAAAACCAAGGAACAGAGACCACG GCCAAAGAGAGAAGGAAAAAAAAAAAGAAAGGGCCGGAAAGGAAAGAGGG AGGGGAAAGGGCCAACCACGGAAGGAGGAAAGGGAGGGGGAAGAAGGGG AAGAAAAAAGAAGGAAGAGCGGAAGGAGAAAAGGCCGGAAGGAACCGGAA AACAGAGGAGGGGAAGGGAGGGCCGGGGCCGGAAGGTAGGGGCAAAAGA AGGGGCCAAGGAAGAGAGCCCGGGGACGAAGGGGGGAAAAAAAACAGAGG AACAGGGAGGGGGGGGGGAAAGAGGAAGGGAGGCGTTGGTTAAAGAAAA

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AA G GAGAAAGAGGGCAGAAGGGGGAAGGGGAAGAGAGGGAGAGGAGAGG GAAAAAACAAGGCGGAGGGAGAGGGAGGGGGAGACAGGGAGGGGGAAGG CCGGATGGGAACGAAAAAGAAGGAAAGGGAAAAAGGAAGAGGAAGGCACC GAAAGGAAGGAGAAAAAAAAGGAAGGGGGGGGGGCGAGAGCCAGCCGCG AGAAAAGGGAAAACAGGAGGGGAGAAAAAGGGGAGAACCGGGGAAGGGG AAGAAACCGAAAGGAAAAAAAAAAAAAAAAAAGGAAGGAAAGAGGGGGAG GGGGGAGGGGGGCAGGGGAGGGCCAAAAACAAAGAAGGAAGAGGGAAAA GAACCGAGGCCAAAAAAGAAAGAAGAACAAAAAGGAAGAAGGGGGGAGAG G GAAAGAAGGGGAAACCAGACGAAGCCAGCCGGGAAGAAGGAGAAGAAAA GGAAGGGGACCAAAGAGAAGGAACCAAGAGAGGAGAAAAAGAGCCGAGAA AGGAAGAAATAGGAGGGACCCGGGGGAGGAGAGAAGGGGGGCCAGGGAA AAAAAGGGGAAGAAAAGGAAAGGGGGGAAAGGGGAAAAAGAGGGAAGAAA AAAAGGAAGGAAGGAGAGGGCCGGGGGGCCGGAAGGCACCGAAAGGGAA CGGAAAAAAAGAGAAGGAGGACAGACCCCGGGAAGGGAGGAGAAACCTTA AGGCCAAGGGGGGCCGAAGAAAAGAAGGAGGAAGGGGAAGAAGAGAAGG GAAAGGAGGAAGAACAAGAGAAGGGGGGAGGGGGAAGGAGGGAATAGGG GAGAAAACCAAAGGGAACCGAGAAAACAGAGAAGAAAAAAACAGGTAGAG AAGAGGAAAAAAAAAGGAAGGAAGAAAAGAGAGGAAGGAGGGAAAAAAAA AGGAAGGGGAAAAAAGAGAGGAAAAAAAAAAAAAAAAAAAGAGAGGGTTG ACCAACCGGCCAAAAAGAGGGGGGGAGGACAAAGGGGGAGGAAGGGCACG AAAACAGAAGGGGAAGGAAGAAGAGAAAGAGAGAGAGAGAAAAGGAAAAA AAACCGGGGCCAGAAAACCGAAAAGACCCGCGACCAGGGAAAGGACAGAG GGGACAAAAGAGGAAAGAAAAGGAAGGAAAGCCGGAAAGGGGGGGGGGG GAAAGGCAAAGAAGAAGAAGAAGGGGAGGAGGAAGAGAGAGGAAAAGGAC AA G GAAGGAGGGAAGGGGGAGGGGAGACAGGAAAAGGGCGAACAGGAAC CGAGGGGGGGGAAAAAAGGACGAAAAAGAGAGACAAAGGAAAAGGGAAAA AAAAAAGAGAGAGAGAGGAAGAGAAAAAAAAGGCCAAGGAAAGGAGAGGG AGAGGGAGGGGAGAAAGGGGAGGAAAGGGAAGGGAGGGAAGGCAGAAGG AAGAAAAAGGGGAAGAAGGAAAAGGGGGAAGAGGGGGGAGAGAAAAAATT GAAGCCAAAGAGGGGGGGAACCAAGAAGCAGCAGGGCCGGCCAAGGGGAG GGGGGAAAAAAGAACCAACAACAGGAAGGGCAGGAAAAGACACCGAAGGG AGGAAAATGGAAGGGAAGGGGAAGAGAGGGGGGGAGCCCCGAAGAGAAG G G GA $\operatorname{l}$ GGGAGGAGAGGGGGAGAAAGGGCCAAGGGACAGGAAAAAGAGGA A G GAA $\operatorname{A}$ GGGGAGGGAGGGGAAAGGAAAAAAGAAGAGGAAGAAGGGGAGA GATGAGGGAGGACAAGACCGGGGAAAGGGGAAAGAAGCAAAAAAGGAAAG GAAGGAAGGAACCTTGATTGGCAAGAAAACAAAGAGAAAAAGGAGAGGGG GAAAAAAAAGGAGAGAGAGGACAGAAAAGCAGGGGCCGGAAACAGGGTTC AGGGGCAAACCCAAACCAGGGGGAAAAAAGGCAGGAAAAAAGGGAGGAAA G G GAAGGCCCCAACCGAAAAGAAAAAAAGGGGAGACAAGAAGGAAGGAAC AGGAGGGATAACCGACCGGAAACGGAAAAAAAGGGAAGGGGAAGGAAGGA C G G G G G GAAAACCGGGCGGGGAGAGCAAGGGGAAGGGGGAGGAGGGGGG ATGGAGAGGAGGAAAGGGGGAAGGAAAGGAAAAGGAAAGGAGCCCCAACC AAAAGGAGCAAAGGGGAAAGAAGAAAAATAGGAACCGGAAAACCCCAACC AGAGAAAAAAAACAGGGAAACCGGGGAGAAGAAGCCAGCCGGAAAACCGG A G G GAAAAGGGAAAGAGGGGAAAAGGGGAAGGAAAAGGAAGGGGGGGAC CAGGGGAAAAAGGAAGGCCGGAAGGAAGGGAAGGCGGAAAAAAAGATAAA
 AAACCCCAAGGAGGAAGAGGGGGAAGGGGGGGGACAAAAAAGAAAGGGGA G G AA $\operatorname{GAAAAAAAAGGCCGGGGAACCGGGGGGAAGGAAGGGAGCGCAAAGA~}$ GAAGGGGAACAGGAAAAGGAGGGGGAAAGAGGAAGAAGAAAGAGAGGGG G G G G G G GAGGAACCAAGGAAGGGGACGACAAGCCGGGGAAAAAAGACCAA GGGGAAAAGAAAGGGGTTAGAAAACAGACCACAATACCAAGAGGAGGAGA CAGGGGAACCGAAGGGAAGGGAGATTACCCAAAGGGGGAGAAGGAGGGAA CCGGAAAAACAACCGGGGGACCAACGGGAGAAGGGGGGGGGGCCACAAGA AA G GAAAATTGGGGGGGGGGAAAAGGAAGGAAGAGACAGAAACCGAGGAA G G G G G G G AAACAGGGGAGAAAAGGAAGAAACCAAGGACAAAAAAGGGGCC AGGGACAAGGACAAGGAACCAAAGAGAAGGAAAAAAAAAAAAGGAAAAGG AA G G G GCCAAAACCGGGGGGAAAAGGGGCCGGAAGGAAAAAATTGGAAAA AA G GAAGGGGAAAAAAAAGGGGGGCCAAAAGGAAAAGGCCAAGGGGGAAA GGGGGGGAAAAAAGAGACTTAAGAAAAAAGGAGAGGGAAAAAGAGAAGAA CCCCGAGAACCAAAAGGAGGGGGGGGAGAAAGAGGGGAAAAAGAAAGAGG

AACCAGAAGGGGGGGGGGAGGGAACCAAAAGGGGCAGAGGCCAAGACCAG CCCCAAAAAAGGAAAGGGTAACGGTTACGGACAAGGGGGGGAGAAGAGGA G GAAAGAAGAAACCGGAGGGAGAAGGGGAAAGGGGGAAGGAAGGGAGAA GAAGGGGGGAAGGAAAAGGGAAGGGAAGGAAAGGAGAAGAAAGGGAAAA G GAAAAGGGGGGGAACAAAGGAAGGGAGCAGAAAAAGGCAGGAGGGGGC CCCGGAAGGGGAAACAAACAAGGGATTGGAAGAAGAGGGGAGAGAGGACA GAGAGAAAGGAAAGAGAAGGGGGAGGGGGGGGGACGAAGGGAGAAGGAG ACAGAAATAGAAGGAGAAAAAAAGAGAAGGAGAGGGAAGAAAACGGAGAG CCGAGGAACAGGGGAAAAAAAAAAAACCAAGGGGAAAAAAACAAAAGGAA GAGGAGGGAAGGGGGGAAAGAGGGGCAGAAGGCCAGGAAGGAGGGGGAG GGGCAAGAAAAACACAGAAAGGAGGGAAGGGAGAGGGGGAAAAGAAGGGA GGGGGGAGGGGAGGGGGAAGGAAAAGAAAGGAAGGAAAAGGAAGGGAAA GGACAGAGAAGAGACCAGGAGGCAAGAAGGAAAGAAGGAGGGCCAGGGG GCCGGAAGGGAAAAAAAAGAGAAGAAGGGAAAAAAAAGGAAAAAACCACA GGGAGATAGGAGGAACAAGGGAAGGGGGGGGGGACGGAGGGCAGGGGGG GGAAAGCCAGAAGACCAAGGAGAGGGGAAAAAGGAAGGAAAACCGGAAAA A G G G G G G GAGAAGGGAGAAAGGCCCCAAAACCGGAAGGAAAAGGCCAAGG AACCGGAAGGGGGGAAGGAAGGAAGGGGAAAAAACCAAGGGGAAGGGGG AAAGGACGGAGGGGAACAGAATTAAAAGGGGGGCCGGAAGGAAGGGGAG A G GAAACCCCGAGGGAGGGAGGGGGGAGGAGGCCAAGGGGACCCGGGAG ACCGGAAAAGGCCGGAAAAAAGGGGAAAACCCCAAGGAAAAAAAACCAGA A GAA G G GAACCAAAAAGAAGGGGAGAAAACGGGAAAAGAGGGAAGAAGGA AGGACGAGAAGACCCGGAAAGAAGGACCCAGAGAGAAAGGAGGAGGAGGA A G G A G A G A G G GAGAAAGACGGAGAGAGAACCAAACGGACAAGGAGGAACG GAGAGAGAACCGGAGAGCCGGGGAGGGAAAAGGGGCCGGGGGAGGGGAA A G G G G GACGGAAAGAACCGGGGGGGGAGGAAGGGGGGGGGGGGAAA GAA GAAGAAAGAGAGGGGAAGGCCAAAGGGGGGGGAGACCAGAAAAACGAGAG AAACCGGGAAAAAGGAGGGGGCCAAGAGGAGAACCAAAAGGGGAGAAAAG AGGAGAGAGGGAGAGAGAGAGTTAGAGACAGGAGGGACCAAAAGGAGAAA ACAAGGGAAGGGGGGAAGACAAAGAGGGGGGCAAGGGTAAAGGGGGGAG GGGCAAAGGGAGGGCCAGCAGGAGAGCAGGGAACCCGGGGGGGGAAACA AAAGGAAAAGGAAGGAGAGGAGGAAAGGGAGAAGGAAAAGGCAAAAAGAG GGGAAAGGAAGGAAAGAAAAAGGATGGAAAAGGAGGAGGGAACGGGGGG AAAGGGAGAAGGACGAGCAGAGAGAAAAAAAAGGGGCCAAGGCCGAAAAA AGAGAAAAAAAAAAGGGGAGGGAAAGGGCAGACCGAAAGGGGAAAGACAA ATCCAGAGAAGGGGAAAAGAGAAAGGGGAAGGAAAACCGGAGAGGGGGCC CCAAGAACAAGAGGAAAGCCGGCCGGGAAAGGTACCAGAGAAAGAAAGGA AACCGGGGAAAACGACCCGACCAAAGCCAAAAGGACAAGGAGAGAAAGGG G G G GACCCAAAAGAGGGGAGCCGGAAAAAAGGAAGAAAGAGGGGACGAGG GGAAGAAAAGGATTAAAAAACAAACGGGGAAAAAAGGAAACCGGAAAAGG GGGGGAGGAAGACCGAAACCAAGAACAAAAAAGGGGGGAGGGAAAGGGG GGGAACCAAGAGGGAAAGAAAGACAAGGGGGGGGGAAAAGGCCAGCCAAG GGAAAGAAAGGACGGGGAAAAAAGAAACACAAAGGAAGGAACGGGAAAAG GGAGGGGAGAGGAGGGACCAGAGACGAAGGAGACCAAGGAACGGAAAAAG GAAAACCAAAGAAGAGAAAAAAAAAAAAAAACCACAAAAGAGGAAGGGGG AAAAAGGGGGAGGGGGGGGAGGAAAATGGGGGAAAAAAAAAGGAAAACCG GAAAAAGGGGGAAATAAAACAAGAACACCGGAGCCACCAAAACAGGAAGA AAAAGAGAAAAAGCCGGGGCCTAAAAAAAACGGAACAAAAGGGGAGGGGG A G G A G A G G G G G ACGGAAAAGGAAGGAGAAAAAGAGAGGGAAGGGGAAAA G G G G G GCCGGAACCAAAACCAAGGCCCCGGAGAACCGAGGGGGGAAGGCC AA G G AA G GAGAAGGAAGGAGAGGCGGAGGGAAAAGGGACCAAGGAGCCG GGGGGCAGGCCAAGGGGCCAAGGGGAAAAAACCGGAAAAGGCCGGAAAAA GCCAAGGGGAAAAACAAGAAAAGAGAGGAAAGACCCCCCGACAAAGGAAA AGGGAAGGGAAAAGGAGAGGGAACCAACCAAAGCCGGAAGGCCAGGGACA AGGAAGGCCGGAAAAGAAAGGAAGGCCGGAACCGGGGAAAACCGGGGAGC CAGAAGACCAAGACAGAAAGGGGGGGGGAGGAAGAGGAAAGAAAAAATTC CAAGAGGGGACCACCAAAAGGAAAGGAGGAAAAAAGGGGAAGGGGACAGG GGAGGGAAAAAAGCACCGGACAGGGGGATCAGAAAAACCAAGGGGGGCCC CAAAACCGGTTGGAAAACCAAAAGGCCAAAAGGAAAACCAAAAAAAAGGAA AAAAGGGGCCGGGGGGGGCCGGAAAAAAAAGGGGGGGGGGAAAAAAAAG GAAGGGGGGAAAAAAGGGGAAGGCCAAAACCAAAAAAAACCGGCCAAGGA

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AAGGAACCGGAAGGCCGGGGACGGGAGGGAAGGGGGAAAAGGCCGGAAA A G G AA $\operatorname{l}$ GAAGGGAGGAAACAAGGCAACGAGAAAGGGGGGAAGGGGAAGG CCGGCAAGGGAGGGAAAAAAGGAAGGAACCAAAACCGGAAAGAGGGCCAA
 G GAGGGAAGGGAAAGGGAAAGAGGGGAAAAGCGGACAAAAGGAAGGAGA G GCAGGAGAAATCCAAGAGGAGAAAAAGGGGGGGGAAAAGGGAGAAAAGG GGACAAAAAAGGGGAAGGAAGCAAGGAAAGGGAGAAGGGAGGAGGGGGC AAAAACAAAGAAAGGAAGAAGAGGGCAGAAAAGCCGGGAAGCATTACAGC CGACAAAAGAGAAAAGGAAGGAAACGGTAAAGGGGAAGAAAGAGGCCGAG GGAAGCAGGAAGGAAAAGGAAGGGGGGAAGAGAGAGGAGGAGGGGAAGA AAAAGGGGGGGGAAAAAAAGCCGAGGGGGAAAAAGGAAAAAAGGACAGGG GACGCAAGGAGAAGGGAGAGAGAAGGGGCGGAGGGGGGGGAAGAGGGAA AAGGGACGGCCAAAAAAAGACGAGCAGGGAGGGAAAGGGAAGGGGAAAAA AAAGGGGAAAAAAAAGGAAGGAAGGGGAACCGGAAGGAAGGGGAAGGAAC CGGGGGGGGAAGGAAAAAAGGAAAACCGGGGAACCGGAAGGGGGGAAAA G G G G G G A A A A G G G G G GAA G GCCCCCCGGGGGGAAAAAAAAGGGGAACCG G G G G G A A A A G G G G G GAAAA G GCCAACCGGGGCCAAAAGGGGAAGGGGAA AA G GAAAAGGGGGGGGCCAAAAAAGGAAGGCCAAAAAAAAGGGGAAAAGG CCGGAAGGAAGGGGAGGGGGAAGGAGGGGGGGGGGGCCGGGGAAGGGGA G G G G G G G G G A A GAGGAGAGGAAAGAAGAAAAGGTTTTGGGGGGGGAGAA AAAAGGAAGGAGAAGGACGGAACCAAGGAAAGGGGACCGGGGAAAAGAAA A G GAACGGGGGAAGAAGAAAGAGAGGGGGACCGGAAAAGGAAGAGGGGG G GAGGAACCAAAAAGGGGGCCGAGAGAGAAGCAAGGAAGGAGAAGAAGGG GAAACAAAAAGACAAAAAAAAAGGGAGCACCAAAAAAAAGGGGGGGGAAG ATAAGGAGGGGGGGGTAGGGGAAAAGGCAAGAGAGGAGGAGGAAAGGAA AACCGGCCGAAGAGGAAACCAGAAAAGGGAGGGGAAAGGCGGAGAGAGGG GAAAGGAGCCAAAAGAGGCAGACCCCAGAGAGAAAAGACCAAAGACCCAA GGGGAAAAGGAGCCGGCAAGAAAAAAGGAGAGGAGGCAAAGGAAAAAATT AAAGAGAAGGTTAAGGGGCCAGGGGGGCGGGAAAAGAGGAAGGGGGGGA AAAAAGGAAAAAGGAAAACGGAGGGAAGGAAAAGGGAAAAGGAGGAAAGG AAGAAGGAAAACCAACCGGAACCAAGGGGAGGGGGCCAAAAAAAAAAGGG GCCGGGGAGGAGAGAAGGAGAGGAGGGAAAGGGGGGGGGAAGGTTCCGG G G G GA GAGAGGACAAAGACAAGGGAGAAAGAGGGGAAGGAGGCCGGACG
 G GAA $\operatorname{l}$ GAAGGGGGGGGAGAACACAAAGGAAAAGGAAAAGGAACAAGAAGG AAAACCGGGGAAAACAGAAAGGAAGGGGGAAAGAAAGAAAAGAGGGAAAA TAGGCCAAGGAAAGGGAAAGAGGAGGAAGGCCCCGAATAGGAGGAAAAGG GAAAGAAACAGGGACCGGGAAAGGAAAAGGACAAGGGAAAGAACACAAAA AA $\operatorname{G} \operatorname{GGGGGGGAAAGGGGAAGAAGAGGAAAAGAAGAGAAGGAAAACCGGG}$
 AGAAAAAGGGACAAAAGGGGGAAAGAAGGAAGAAGAAGGGAGCCAAAGGG CCAAGGAACCGGGCGAAGAGGGGGAGGAAAGGAGGGCGGGCCAGGGAGG AA $\operatorname{A}$ GGGGAAGGGGGGGGGGGGAGAAGAAGAAAGGGGGAAGGGGAAAAGG AAGGACAAGAAACCGGGAGAGAGAGGAAAGAAAAGGAGAACAAAAAAAGG GAGAACATCCAGGGGGCAAAGAGAAAAAGAGAAAGAGGCCGGGGAACCAA AA G GAAAAGGGAGGGGAAGGAAGAGGAGAAAAAGAGAGAAAACCAAAAGG CCAAAAAGGGGAGGGAGAAGCAGAAAAAAACCAAAGAAAAAAAAAAGGGG AA $\operatorname{A} A C C G G A G G G C C G A A A G A G G G G G A G G G G C C G G G G G A G A G G G A C A A G G$ A G GAA $\operatorname{A}$ GAGGGGGGGAAAAAAAAAAGGCCAGGAAGGGAGGGGAAAACGG A G A A GAAAGGAGGAAAGGAGAGAAGGAGAGGGGGAAAACAATACGGGAGA
 GAAGAAGACAAAGAAAGGGAAGGGGGATAACAAGAGAGGAAGGAACCCCA AACAAGGGGGAGAGGAAAGGGAAGGAGAGGGGAAGAAGGAGGGGAGGAA AAAAGGAAGAGGAGGACCCGGAAAGGAAAAGGGGCCGAGACCAGAGAGCC GGAAGAAAGGAGAAAAAAGGCCGGGGCAGAGGGGAACCAAAAGAGAAGAG CAAAACGAACAAAGGGCCAACCAGAGCCGGAGGGGGAAAGAGCCACAAAG AA $\operatorname{GAA}$ A CAAGAAGGAGGGAGAAAGGGGGGGGAAGGAAAGAACGAGAGAG GGGGGCCGGGGAGGGCCAAGGAAAAAAGGAAGGGGAGGAAAGGGGGGCC GAAGGAAGGGAGAGGAGGGGAACACAGGGAAAGGGGAAGGAAAGGAGAA GAGAACAAAGAAAAAAAAATTGGAGCCAAAAGAGGAAAAGAAAAAGGGAA AAGAGAAAAGGCCGGCCAAAAAAGGAAGGCCGCGGGGAAGGGGCAAGAAC

A G G G G G G G GAAAAGGGGAAAAGAAACCGGGACAGAAGAAAGAGGGGAGA A GAGAGGGGGCCAAAGCCGAAAAAAAAAAAGGACGGAGACGGGACAGAAA GGAGAAAATTAACCCCGAAACCAAAAAGGGGAGAGAATCCCCGAGGAAGG AAACTTGGAGAAAAAGAAAAGAAAGGAACCGAGGAAAAAGAAAAGAAAAA CAGGGGCAAGGGGAGGAGGAAGCCAGGGGAACGAAGAGAAACACAACAGA AGGAAGAAGGAAAGAGAACAAGGAAAAAAAACACCCCCAGCAGGGAAGGA G GCCGAAGGAGGCCGGAAAGGGAGAGAGGAGAGGGAGGGACCAAAACCAA AGAACCGGAAAAACAAACGAAGCCAGGAAAAAGGGAAACCGGGGAGGACC GACAAATAAAAGGAGGGGAAAAGGGGACGGGACAAAGAGGAGAACCAGAA GGCCGAAGGGAGTTGGGGAAGGGGAAAGAGGGAAAAGGAAGGGGCAGGC GACAAAAAAAAGGAGAGGAGAGAAAGAGAAACAAACAAAGGGGAAGGAAA GCCGGAGAAGAAAAAGAAGAGCACCGGAGCCAAGGCCGGGGGGCCAAGGA AAAAAGGGGAAAAAAAAAAGGGGAAAAAAGGAGCCGAAAAGAACAAGAGG AGAAGAGGGGAGAGGAGGAAAGAGGAACAAAAAAACCGAAGACCAGAGGG GAGACGACAAAAAAAAGGACCCCAAAAAAGAGGGGGGAAAGGACCGGGGG AAACCGGGAAGGAAGGGAGAAGAGGAAAGAGGGGGAAAAGGAGAGAAAAG G G G G G T TAAAACCGGAAGGGGGGAAAAGGGAGAAAAGGGGAAGACAAACG G G A G G G GA GACGAAAGGAGAATTGAGGGGAGAGAAAAGAAAAAGAGGAGC ACAAGACAAGGGGGGAAGGGAGGGGACGAAACCGGGAAGGGGATAGGGG GAGGGGGAGAAAAGGGAAGACATTAAGAGGGGGAAGGGAAGGAAAGAGA AGGAAACAGGGAACCCCAAAAAAAAAAAAAACCGGGGAAAAGGGGAAGAG GAAAGGACAAGGACAGGGGCCAGAACAAGAACCGAAAAAAAGGAGCAGAG
 G G G AA G GAAAAGGAAAAGAGGGAAAGGGGAAGGGGAAACGGAAAAGAGG ACGGAAGGGAGAACCCTTGGAAAAAGCAGAATGAGGGGAAAGAGCAGGAC G G G G G G G GCCGGGGAAGGCCAACCGGAAAAAAAAACGGGGGGCCGGGGG AGAGAACAAGGGGCAGGCCGACCGGCCGGGGGGGGGAGAAGGGCCGAAA AGAGAAAAGGGAAAAAGGGGGGAAGAAGGAAAGGGGAGGGAAGGGACCA GAAGAGGGGGGCCGGAAGGAAGGAAGGAAGGAACCGGAAAGGAAGGGAA GAAGACACAGGAAGGACACCAACCAAAGGAAGGGGGAAAAGGAGCCGAGG AAAACAGGAAAAGGCCAAGGAAGGGAAACCCCGGAGACGGCAAAGAAAAG GGAACCCAGGGGGGAGGGGGAAAAGGAAGAAGAAAGGGAACCGGGGGGA AGGGGGGAAGAAGGGAAAAAAAGAAGGAAAAAAGAGAGGGGAGGGAGAAA AAAAAAAGGGGAAAAAAAACCAAGGCCAAAGGGGGAAGGGAAGCAAGGAA AAAGGAACCAGAAAGAGGACCAGGGACAAAAGGAAAAAGCCGGAACCGAA AGGAGGAGGCCAAAAAAGACCAGGAGGGGGGGGGGGGAAAAAAGGAAGG AGGACCAAAAGGGAAAAAGGAGAGAAGAAAGAGGAAAAGGGGAAGGGAAG GGAAAAAAACAAACGGAAGGTAGGACAAGATACAGGGAGAGAAAACGGGG AAAAAACGAAGGCCCCGGAAAAAAGGGGGGAAGGGAAAAGGGGAGAACCC GGCCAGAGAAGGAAGGGGAGGCAGGGGGAACCAACAAGGGAAGGAAAAAA GGAACCCCGGGGAGAAGAGGGGCCGGGGAAGGAGGGCCGGGAGGAAACA GAGAGGGGGGGAGAGAGGGGGGGGGCAGACCTAGGGGGGAAAAGGAGGG GGCAGGGGAACCACGGACGGCCGGAAGGGGAAAGAGGAAAAAAGGGACG GAGAAAGAACCAGAAGGCAGCCCAAGGGAAGCCCCAACAGAAAGGAAGAG AACGGGAGGGGAGAGGAGGGGAAAAACGGAAAGAGGGAGAGGGAAAGAA AACAGGGGGAAGGAAGAGGAAAGGAAGAAGAGAGGAGAGGGGGGGGGGA AGAAGAAGGAAAAGGAAAAGGAAAAGAGAGGCCGGGGAGGAAGGAAAAAG G G G A A A A G G G G G G A A G GAA $\operatorname{A}$ GGGGGGGAAGGGGGGAAGGGGAAGAGGGG AA $\operatorname{l}$ GGGGGGGGGAAAAGGAACCAGGGAAGGAACCAAAAAACCGGGGCCGG AA $\operatorname{G} \operatorname{GAA} \mathrm{A}$ GCCAAGGGGAAGGAACCGGGGGGAAAAGGCCAAAAGGAAGGG G G G G G G G G GAA G GCCGAGAAAAGAGCAGGAGGGAAAAGACCCCCCGGCCC ACCGAGGAACCAAGGAGTTGGGGGGGGAGAAAGGGAAAAAAAAGGGAAGA TGGGGGAGGGGAGAAAAAAAAGGCAGGACAAGAAGGGCCGGAAAGAAGAA CAAGGGGAGAAGGACAGAAGAGGGAGGCCAGAGCCAAGAGGGAAACACAA AGACCCCCCCACAAAAACCAGGAAGAAAAGAGAGGGGAAAAGGGGCCGGG GAACCAAGGAAGGGGAAAAGGGGGGCCGGAACCGGGGAAGGCCAAAAAAG GAAGGAACCAACCCCGGAAAAGGGGGGAAGGGGAAGGCCGGAAAAGGGGA AAAAAAAAAGGAAGGCCAAAAGGAACGGAGGAGCCAACCGGGGGGAAAAG GAACCGGCCGGAAAACCGGGGGGGGAAAAGGAAAAAAAAGGGGGGCCGGA AAAAAAAGGAAAAGGGGAAGGGGAAGGCCAAAAGAAGGGAGGAGAGGCCG GAAAGAAAAGGAAGGAAAAAACAAAGAAGGGAGGGAGAGAACAGGGGAAA

ACCGAAGCAAGAGCAGACCACGGGAACGGGGATGGGAAGCAGAAAGGAAG GGGCCAGCCAAAAAGGAGGAAGGAAAGAGGAAAGGGGGAAAGGGGCCAAC AAAAGAAAAGAGGAAAGAGGGGGGGGGGGGGGGAAGGGGGGAAGGAAGG GGAAGGAAGGGGGGAAGGAAGGGAAAGGAAGGGAGGAAAGAGAGGAGAG GAAAAAGGAAGACAGGGCCAGCAGGGGAAAGACGGGGGAAAGAAAGAAAG AA GAGAAAAACCCAGAGAGAGGGGGAAGGGAAACCGGGGGGGGAACCCCG A G G G GAGGGAGCCAGAGAAGGGGAGAGGAGGCCAAAAAGAGACGAAGGA GAGAGGAAGGAAAGAGGAGGAGGAGAGGAAAAGGAACCGGGGAAGGGGC AGGCCAAAAAGAGGGGAGGGGAAGAAACAGGAACAGGGGAGAAGACCGGG GGGAAGAAAAGCAAAAAACAAGGAAAACCGGGGAAGGAAAAAAAAAAGGA ACCAAAAGGAAGGCCGGAACCAAGGCCAAAAGGAAAAAAAAGGGGAAGGG GGGAAAAGGGGAAAACCAAAAGGGGGGAAGGGGAAGGGGCAGGCCAAGG GACAGGACGGAAACAAGAAAGGAGGAAAAAGAGGAGGGGGAAGGCAAGAG GGGGCCGGGAAGAACAGAGGGGAAAGGAGGGGAAGGGGGGAGAAAAAAG GAAGGGGCCAGAGGAGAAGAGGAGGAGGGCCAAGGAAGAAGGGGGGGAA GAAGGGAGGAAGGGGGGAGAAAAAGGAAGGAAAAAAAAAGGGAAAACGGG AAAAATAGGGAGAGAAAGACCCAGAGAAGATTGACAGAAAAGAAAAAAAA CCAAAAGAGGGAGAGGAAGGAGCAGGCCGGAGAGAAAGGGGGACAAGAAA CCAAACAGCCGGAAGGGAGAGGGGAAAAAACAAGGGGGCACACCAAGGAA CCGAAAGGCCGGGGGGCCAACCGGGGAAGGGGAAAAAAAAAAAAGGAAAA GAAGAGGAGGGAGGGGGGCCAACGATAACCAAGGGGAAAGAAAAGGAAGG GACCGGCAAGACGAGAAAAAGGAAAGAGAAGGACAGAAAGGGGGGGAAAA GGCGCCAGGAGGAAAAGGAACACCAAGGAGAGAGAGATAAAGAGAATTGG ACAAAAAGGAAAAACGAAACGAGGAAAAGGAAACAAAAAGGGAAAGGGGA G G GAGGAGGGAGCAGAGGCACCGAAAGGAGAACGTTAAGAGGGGAAAAGA AGGAGGAAGGGGGAACAGAGAGAAAGAGCCAGAAAAGGCAGGAGGACCAA AGAGGAAGAAAGGGAAGAGACCTTGAGAAGACAAAAGGGACCAGAAAGAA GGAAGGAACCAAAAGGAAGGAACCGGGGGGAAAGAAGGCCAAGAAAAGGA AAAACAGGGGAAGGCCAAGGGACAGAGGAGGGAAAGGAAGCCGGGGGGA
 AGAAAGAGGGAAAAGGCCAAGGAAGGAAGGAACCAAAAGGAAGGAAAACC
 G G G A G A G G G G A A GAA G GAGACAAAGGGGGCCGGAGAAGGAGAGACAGGA GAAAGGAGGGAAAGACACGGAAGGAAGGACGAGGAAACAAACGGGGAAAA GGAAAAGCCAACCACCAGAGGGGAGACAGACAGGGGAACCAAAAAAGGGG AAGGGGAAGAAAAGACAGAACCGGGACAAGAGAAAAGGCCGGAAGGGGGG AAAGAGAAACAAAAGGGGAGAAAGACAAAAGGGAGGGGAGAGGAGGAACC GGAAAAGGCCGGGGAAAAAAGGGGGGAGGGAGAGGGGAGAAGGAGGAAG GAAAAAAGAGGGGAAGAGAAGGAGGGACAAGCCGGAAAACAAAGGTTGGA AGAAGGGGAAGATCACCCAAAGGACAGAGAAGGAAAAGGCAAGACAAACC A A A A A G G G G GAGGGGGGGGGGCCGGAGAGGAAAGGAAAGAAGGGGAAGA AAAAGGGGAGCAGAAAGGAGGAGGCCAGACAGAGGGGGGGAAGGGGGGG GGGTTAAAAGGGGGGGGGGGAGGGGGGGGAAACAAGGGGAGAGGGAAAA AAAGGGGAAGAGCCCCAAGGAACCACGGAAAGCAAACCAAAGAAGGGAGG AAAACGAGCCAGGGGAGGACAAACAAGGAACAAGAAGGCCAGGGAAGGAC AA $\operatorname{A} G \mathrm{G}$ GGGGGGAGAGAGGCCGGGGAGGAAACCGAACGGGGCCAAGGAGA G GAAGGGGGAGGAGAGAAGGGAGAGAGACAGGAGGGAAAAAGGAGAAAA G G A G G ACCGGGGGGGGGGGGGGGGCAAGAAGGGGGAAGCCAAGGAAAAG GAAGGAAGGCCGGAAGGGAGAGGGAGAGGCAGGGGAAAGGGAAGAAAAA G G G G A C G G G A G G G G G G G G G G G G G G CCGGAA G GAA G GAAAATTGGGGGAG G G G G G G A G G G A A G G G A A G A C C A A G A G G G GCCGGGGGGGAAAGGAGCCGG GGCCGGGGAACCAAAAGGGGGGGGAAAAGGGGGAAAGGAAGAGGGAGAA GAGGGAAAAGAAGGAAATTCCAAAAAAGGACGGACAAAAAAAAGGGGGGA
 AA G GAAAAGGAGAGGGAAAGAGGACCAAGGAACCAACCAAGGAACCGGGG G G G GAGCCAAAAGGGGGGAGAGAAAGCCAAAAAAAAAAGAGGCCGGCCAA GGAAGGAAAAGAGAGAGAAGCCAGAGGGCCGGGGAACCGAAGAATTAAGA AA G GAAGGAAAAAGAGAGGGAAAAGGGGGGGGCCGGAACCGGAAGGAGG AAGGGAAGAAGGAAAGGGCAGTTAAGGAGAAGACAGGAAAAGAGGGGGAA GAAGAAGAAGGAAAGAAGAGGCCAACAGGGGCAGGGGACAGCCAAAAAAA AGGAACCAAAAAGGAGAAGGGAGAGAACAAAAGCCGGGGGAAGGAAGAAG

GAAGAAAGGCAAAAAAGGGAGGGGAAAAAGGGGCCGGCCGGGGGGGGGG GGACGAAAACACGAGGAAAAGAGGCCAGGGGGGAAGGAAAGACAGGAAGG ACGAAGTAAAAGGGGGGGACGGAAAAAAAAAGAAGGGACGAAAAGGAAGG CCGGCAAAGACCAAGGAACCACACAGACAAGGGAAGAAAGGGGGAAGACC GGGGAAGAAAGGGAGAAAAGAAAAAAAAGGGGGGGGAGAAAAAGAAAAAA GGGGAACCCCAACAAGCCAACCAAAGGAAAGGGAGGGGGGAAAAGGAAGA AGCCCCGGAAAAGGGGAAACAAGGAAGGGGACGGCAGGCACAGGAAGGCA GAGGAGAAGAGGCCAAAAAGAGGCAAAAAAGAAAAAGGGGGGGGAAGGGA GAGGGGAGTTAAAGGGGGAGAAAAAAAGAAAAGGGAAGAAAGAAGGGGG GGGGAAAGGGGTTAAAAAAGGGAAGAGGAGGGATTACAAACAAGGGGGGG GAAGAGGAAGGAAAAAACAGAGGAACAGGAGAACACAGAAGAGAAACGAA AAAAAAAAAGGAAGGGAGAACCAAAAACCCCCAGGGAAAAACCGGGGAGA AGGGAAACCGACCAGCCAAGGGGCAAAGAGAGAGGGAGGGGAAGGCAACA AAACAAGGGAAGAAGAAACGGACAGGGGGAAAACAGGAAAAGGAGAAAGG AGGCCAAGGAAAAAAAAAAGGCAGGAACCGGAGCAACGAGAGGAAAGAGG ACAAAGGGAAAGGGGGGAAAGGAGAAAGGAAGGAAGGGAAGAAAACAAAA AGGAAGGCACCCCGAGAGGAAAGAAGGGGGGGGAACAGAAGGGAAGGCAA GGGAAGGAAAAAAAAAAGGAGGAAAAAAAAAGGAGGGGGAGAAGGGGAAG GGGGGACAGGGAACCAGGAAAAACCACGAACAAAAGGGGGGGGAACGGAC GGAAGGGGGGGAACCAAGACAAACCGGAAGGGGCCGGGGAAAAGAGGGG AA G GTTGGGGAGGGAAAAGGAAGGAGAAGAGGAGAAGGAAAGAGGAGGA GAAAGGGCCGGAGACAAGGGGGGGGAAAAGGCCACGGGGGGAAGGGGGG GGGAGGCAGGAGGAGAGAGAAGGGGGGGGGGGCCAAAACCAGGGAAGGG AGGAGCCAACCGGAAGGGCGGATAAAAGAGGAGCAGGGGGGGAACCCGG GAGAGAGGCAGGCCGGGAGGGGGGAGGGAGGGCGGGACAGGAAGGAGGA ACAAGCCGAGGGAGAGGCCAAAAAAAAGGAGGCAAAACCGGAAGGAGAAA AAACCAAAGAAAGAAGGGGGGAAAAAAAAGAGAAAGGAAGAAAAAGGGGA GCCAGCAGGAGGGCAACAAGAGAGGGGGGAAAAGGAAGCAAGGAGGGAA GAAAAAAAAAGGAAAAAAGGGGAAGGGGAAGGGGGGAAAAAAAAGGAAGG AACCAAGGAAAAGGAAGGAAGGAAGGCCAACCCCAACCAAGGGGGGCCGA AAAGGGAGGGAAAAGAAGCCGGGAAGGGGGGGAAAAAACCAAGAGGCCGG CCGGAAAAAACCAAAAGGCACAGGGGGGGGAAGGAATTGGGGAAAAAACC GGGAGGAAACGGGGGGAAAAAACCAAAAGGGGAAAAAAGGGGGGAACCGG AACCAAAAAAAAGGGGAAAAGGAGGAGGAAAAAAAACCGAGGAACCAACA CCGGCCGGTACAGGGAAGAGGAAGGAGGAAGAGGGGAAGAGGAAAAGAA GAAGAAAGGGAGGGGAAGGGGAAAGAGAAAAGGGGGGGAGAGGACACAA AACAGAAGGGGGGGGGGGGGAAAAAAAACCGGGGAGAAACAGGGGACCA GAGGGAACGGGAGGAAAAAAGGAAAGGACAAAGGGGGGAGGAAAGGAAA GACCGGCCAAGGGGAACCGGGGGAAAGGGAGAAGGACCGGTAAGGAGGA AGGAAGAAAGGAAGGCAAGGAGAAGAAAGGGGGAAGAAAGAGGGAGGAAA AGGGGGGAAACGAAAGGTAAAAGAAGGAGAGGGACAGAAAGGAGGGAGA GAACACGAAAAAGGGGCAAAAGTAGAACACGGAAGAAAAGGGGGGAGACC GAAGAAAAAAAAGAGGAAGGCCAGACAAAGGGGGGAGAAGAACACAGAGA AAGGAAAGAGAAAAAAAAGGCCGGAAGGAAAAGGGGGGGGAGAAGGGAGC AAGGAAGAGGGGGAAAAGAGAAGGCAAAACGGAAGGCCGAACAAAGGAAA GAAGCCGAAGGAGAGGGGAAGGGGAAGGCCGGAAAAAGAAGAAGGGCCAA AGAAAAGAGGACAACCAGGGAAGGCAAAAAAAAAAAGGGGGGGAAAAAGG GGGGGAAGGGGGAAAAGGGGGGAAGGGGAAAACCAATTAACCCGTTACAG GGAGACGAGACCGGAAGGAGCAAAAAAAGAGGAAGAGGGGGGCACCGGCA GGTTCCGGGAGAGGCCAAGGGAACAGAGAAGGGGAACCGAAAGGAGCCGG AAGGGGGGAAGGAAGGAAAGGGGGCCGGAAAAAAAAAAAAAAGAAGAGAA ACTAGGGAAGGGGAAACCGGGGCCTAGGGGAGCAGAGGAGAAAAGAAGG GAGGAGGGGAGAAAAAGAGAAGAAAGGAGAGCCGGGGCCGGGGGGGAAA GGAGAAGGAGGGAAAGAGGAAAAGGGAAGGAGAGAGCCGGCCAGAAAACC AAGGGGGGAAAAAACAAAGGCCGGAAGGGGGGCCAACCGGGGGAGAGACC AACCAAGGGGGGCAAGAGAAGGGGCAATAGAGAAGGCACCAAAAGGGGAA AA G GAACCGAAAAAGGCCGGGGGGAAGAGAGGAACCGGGGACGACCAAAA GAAAAGCAGAAAAAAGGAGAGGAAGGAAGGGGGGAAGGGGAAGGAAGAAA GGGGGGAAGGGGGAGAAAAGGGAAGAACAAAGGAAAAGGGGAACGGAAG AAAAAAAGACCAAAAAAGGGGAGGACCGACAAGAGAAGAGAGGAAGAGAG ATTGGACAAGGCCGAAGAAAGGAGGAAATGAGGCCGGAGAACAAGGAAAG

G GAGAGGGACCGAAAGGAAAGCCCCAAAAGGGGAAGGGGAGAAGAGGAAA AGAAAGAGGCCGGCCAAGGCCAAAAGGCCAAAAGGGGGGAAGAGGCCGGA GAGGGAAGAGAGAGAGAACGGGAAAGGAGGAGGGGGGGAAGAAAAGAGG GGAAAAAAAAAAGGGGAGAAAAAACCAAGGGGAGGAACGAGGAGGAAGGA GAGAAGGGACGGAAAGAAAAAAGGGGAAAAGGAGGGGAAAGGAAGGCCAA GGACCCCAGGGAAAGGAAGGCCAAGGCAGGCCGGGATAGGAGAAGGCCGG AGGGGGTAAACAGGAAGGAACCAAAAGGCCGGCGGGGGAAGGGGAAAAAA GGGAGGGAGGAGCAGGAGGAGGGAAGAGAGAAACGAGGGAGAAGGAGGC CAAAAAAGGAAGGAAAAGAAGGGAGGAGGAGAAAAGGAACCGGGGAGGGC CGGGAGGAGGAAGAACCGGGGGGAAGGAAGGAAAAAAA㬛A的GGGGGGG AACCAGAAGGAAGGAAAAGGAAGAGGAAACAGACGGAGGGGGACGGAGAC GGGGAAAACCGGGGAAAAGGAAGGGGAAAAGGGGAAGGCCGGGGGGAAA AGGGGCCGGGGGGAAGGGGGGCCGGAACCAAGGAAAAAAAAAACCGGAAG GGGCCCCGGAACCAACCAAGGGGGGGGAAGGAAAAAAAAAAGGAAGGGGG GCCGGCCGGGGGGCCGGGGGGGGGGGGGGGGGGAAAACCAAGGAAGGCC AA $\operatorname{A}$ GGGGGAAAAGGGGGGGGAAGGAACCAAGGAAGGGGGGCCGGAAGGA AGGAAAAGGGGAAAAGGGGGGGGAAAAAAGGAAAAAAAAAAAAAAGGGGA AAAAAGGGGGGAAAACCGGGGAAAAAAGGAAGGAAGGGGAAGGAAGGAAG G G G G G A A G GAAGGGGGGAAAAAACCGGAAAAGGGGAAGGCCAAGGGGAA G GAAAAAAGGAAGGGGAAAAGGAGGGGGAAGGAAGGAAAAAAGGCCCCAA
 ACCAAAAGGAAAAGGCAGGGGGGAAGAGGAGGAACGGAAAGGGAAAGGG G G G G G GAACCGGGAAAAAAAGGGGAAAAGGAAAAGGCAAAGGGGGGAAG G G G G G AC GAGGACGGGGGAAACCCAGGGAGGAGAAGGAAGGAAAAGGGA GGAAACAAAAGGAAGGAAAAAAGGGGCAGGAAAAGGGGGGGGGGAAGGA AAACCGGCCAGGGGGGAGGAGAAGGGGGGAAAAGGGCGAAGGGAAGGAA GGAGAAAGAGGGAAAAAAGGGAAAGGGGGGAACCAAAAGGAAAAAAGAAG AAGAAGGGAAACGACCAAGGACGGCCAGTTGGGGAGGGAGAAAAAGAGGG GAGGGGAGAGAAGGGGGAGAAAGACAGAGAAGAAGGGGGAGGAAAGGGA AAAGAGGAAGGGGGGCCACACAAGGAAGGAAGAAAGGAAGGAAAGAGGAG AGAGAGAGGAGAGAAAAGGAACCGGGGAAGGGGAGACGGGGGGGGAGGG AAAAGGGAAACAGGCCAAAGCCAGGGGGGGGGAAGGCAAAGGATAAAGGA AGGAGGGGGAAAAGGAACAGAAGGGGGGAAAACCGAAGGGGGCACCAGCA AAAAGAGGAAGGAAAAGACCAAGAAACCAAGAAAAAAAAAAAGAAAGAAG G GACGAGAAGGGGGAAAACCAACAAAAAGGAAAAGACAGGGAGGGAAGCA A G G G G G TA $\operatorname{A}$ GCAAGAGAAAGGGGGGGGGGGAAGGAAGGGGGAGGGGAGG AGAAAAAAAACAAGGGGGAAAGGGAGAAACAAACAAAAAAAAGGAAGGAG AAAGGAAGGAAGGGGGGAGGGGGAAAAGAGGAGGAACCAAAAAAAAACCG GAAGGAAGGGGCCAAAAGGGGCCAAGGGGCCGGAAGGAAAAAAGGAAAAA A G G A G G G A A G G G GAAAAAGGAAGAAAGGAAAGGAAACAAGGAGAGGAGAA GAACCAACCAGAAAGGGGGGAAAAAGGCAAGGAAAGGAGAAAAAAGGAAA AGGGGAAGGTTGAAGAGAGAGCCACAAAGAAAAGGGGCCAGACAGAAAAG AGAAAGGAAAGGGAAGGGGGGAAGAAAAAGGGGAAAGGGAAAACCAGAAG GAGAGGAGGGGGGGAGAAGGGGGAACACAGGAGGGGACAGAAAAGGGAA CCGGGGGGAAAAGGGGGGAAAAGGAAAAGGAGAGCCGGCCCGAAGGCAG AAGGAGGAAGGAAAAAAGGAAAACCGGACCAGGAGGGGGTTGGGGGAAAA AGGAAGGGGGGCCAAGGGAAGGAGACCCAGGCCAGGGAACAGAGAGGAAA AACCCAAAAAAAAGGAGACGGCCAATAAGAAAGAAAAGGGAAACGGGAAG GAGAGAAAACCAGGGGGGCCCAGCAGGAAAACCAACCGAGGAAAAGAGGG CCCGAAAGGGACGGAGGACTAAGAGGGAGAAAAGAGGGAGAGGAAAGGG GAGGAAGGAGAAAGGGAGCCAAAGAGCAAGAACCGGCAAGGGAAAAGGGG GAAAGGCACCGGAAGGCCAAGGGCGGGGGGGGGGGGGGAGAAAACCCGC ACAAGGGAGGGAAAAAAAAAAGGCAAGAGGGCACCAAGAGAAGACATAGC ACAACAAAAAAATAATTGAGAGGAAAAAAAAGGGGAAGGAAGGGGGGAAA AAAAGAAGGAACCAAGGGGAAAACCGGCCAAGGGAGGGCACAGGGAGAAA AGGAAAAGGGGGGAAAGTTGAGGAGACAGCAGGCCCCCCGACAAGAGAAG AAGAGGGCAGAGGGATTCCCCCAAAAACCCCAAAGGAAGACGGACAGAGG AAAAAAAGGAAGGAACCGGGGAAGGAAAAAGTAAAAGAGAAAGAAAAGGG AGAAAGGAAGGGGAAGGAAAAGGAAGGAAGGAAGGGGGGGAGGGAGGAG AAGGAAAGCCGGAACAGGAAGACCGGAAGAGGACGGGGATAACCGGGGGC GGAAGACCAACCAAAAGAAAGGGGAAAAAGAGGGAAAAAAGAGGGGAATT

CAAAAGGGAAGGAAGGGGGGAAGGGGAGGAAGAAGAGGGAAGAAGGGGA AA $A$ AGGGAAGGGGGGGGAAGAAGGGGAAAAGAGAGAAAAAAAAGGAAAAA CAACGGGAGGAAGGAAAGGAAAAAAGGATAGGAAAGGCCCGAGCCCAGAG
 AGGGGAAAAAGGGGAAGGGGGAAGAAAGGACAAAAAGAAGCCGAAGACAG G G G GAA G GCAAAGGAAGGAACCGAGGGGAAACGAACAAAAAAAAGGAAAT AGTTAAAAAAAAGGGAGAAGGACGCGAAAGAATTAAAAAAAAGGGGGGGG G G CCGGGGGGAAAAGGAAAGGGGGGGAAAAGACCAAGGGGAAAACCAAG G G G G G G G A A A A A A G G G GGGCCGGCCAAAAAAGGCCAAGGCACCGGAGAAA AGGAACCAACAGACAAAGGGCGAAGGAAAGGGGGGGAAGAGAGAGGAAGG AAACCCAGGAGGGAAACGAAGAAGGAACCGGAAAAGGAAAACCGGAAAAG GAAAGAGAGAGCGAAGAGGAAAGAGAAAGCAAAGGAAGGAAGGGGCCGGG GAAAAGGCCCCCCAAAAGGAAAAGGGGCCGGGGGGAACCAAGGAAAAGGG GAACCGGAACCCCGCAGAAGGAAGGGGAGAAAACCGGGGGGAAAAAAAAG GCCAAAAGGGGAAAAAAAAGGGAGGGGGAAGGAGGGGGGAAAAGACCAAA AA A A G G GAGAGGGAGGGAGGGGGGAGAAAAAGGAGAAAAGGAACAAGAG AACAGGGGAAGAATGGGGCCGGGAGGCCGACCCCAAAACCACAAAAAAAA CCAAAAGGAAAGGGAAGGCCAAAAAAGAGGAAAAAAGGAAAGGGGAAGGG AA G G GACCGAGGAAGGAGAGAAGAGGGAAAGGAGCCGAGGCCAGAGGAG A GAGAGGAAAGGAAAGGAAGGCCAAAGAGAGAAGAAGCCGGAAGAAGAAC CCCGGGGAGAAAAACGGCCGGAAAAAAAAAAAAACGAGGAGAGACAGAGG AGAAGGAAGCACAGAAGAAAGAAGGAAAAGGGGAGGGCACAAAAAAACCC CAGGGAGAGGGAAGGGAAGGAGAAAAAGGGGCAAGGGAAAAAAACAAGAG G G G AA $\operatorname{l}$ G G G GAGGGGAAGGAAGACCGGGGGACCTTGGAAAAAAAAGGCC AA G G G GAAGGGGAAGGGGGGGAACAGAGAAGGTTGAAGGGAGAAAACCC
 GGAGGGGAAACCAAGGGGGGGGGAAGAGAGGAAAAAGGAACCGAGGCCT TGGGGGGGGGGAAGGAGGAAGAGAAGGAAGGAAAAAAAGACAAAAGAGG AA $\operatorname{A} A \mathrm{~A}$ GAAAGGGGGAAGGGGAAAGGGGGGGAAGGAAAAGGGGGGAAGGC CGGCAGGAGGCGGGGAAGGAGGGGGAAGGCCAGGGGACCGAAAAAGAAA GACAAGGAAGGGAAAATTAAGGAGAACCAAGGGGGGGGGGAAGAGGAAG GAAGCGAAAAAAAAAGGGGCCAAGGAAAAGACCAACCAAAAGGAAAGCAA TGGAAATAGGCAAGCAAAAGGAAAAGGAAGGGAAAAGCAAAGAGAGGGAA G G G A A G G A A G GAAGGAGGGGGCAGGAAAAAAACAAGGAAGGAAAGGAAAA G G G G G G A G G G A A AAAA $A$ A G GAGGAAAAGGGGAAGACCGGAAAATTAGAGA A GAGGAGGGAGAAGGAGAGCAGGGGAGAGGGGGCCAAAAGGGGAGGAAG AAAAAACCCGGGAACAGAGAGGGGGGGGGGCCGGGAAGGGGACCGCCCAA GGGAGGAACCCAAAGGAAAGCCGAAAGAACCAAAGAGAGAAAGGGGGGGG AA $\operatorname{GGGGAAGGGGCCGAAGAAGAAAGGGAGGAGGAGAATAAAAGAAAAGAA~}$ GAGAAAGGAAGGGGAAAGAAGAATAAAAAAGGGGAAAAGAGACCAAAAAA GGAAAAAACCCCAAAAGGAAGGAAAAGGAAAAGGAGAGCCGGCCGGCCAA GAAAAAAAAGAAGGGGGGAGCCAAGGAACCGGGAGGAAAAAACCCAAAAC GGGGGGGGAAACGAGACCGGGGGGGGAAGGGGAAGGGGGGTTAAAAGAA AGAGGGAGACAAAGGGGGACCGGGGGGTTGGGAGGGACGCCCAAGCAGA GAGGAAACGAGGAAAAAAAGAAAGGGAGAAAAAAAGGGGGAAGGCCAAGG AA GAGGAAGAAGGAGAAGGAAAGAAAGGAAGGAAGGAAAGGGCAAAAAAA AAAAAAAAAAAAGGAGGCGGAGGGAACCGAAAGAGAGGGGGAATAAAAAG GGGGGACAAAAGCCAGGGGAAAAGAGAAGGAGGGGGGGAAGGAAAAACG GGGCCAAAAGAAAGGGAAAAAAGGAAACAGGCAGGGAAAAAAACCCCAGG AAAAAGGGGAAGGCCACGGGGGAAGGGAAGGGGGAAAGGAAAAAAAACCA AGGAAAGAGAGGAGGCCCCGGAAGGACGGTAAAAAGAGGGAGGAGCACCG GGAAGAGCCAGAGCAAAAGAGGGGAGGGAGAGGGCACAGGGGAGCAACCC CAAACGGAACCTTAGAGGAGGAAAAGGAAGGGGAATTAAAAGGGGAGAGG A G G G GAGACAGGAGGAACAGGGGAGGAAGACGGGGGGAAGGAAGAGAGA AGGGGGAAGGGAGAAACCGGCCAAGGAGGGGGGAAATTAACCGGAAAACC G G GAGGGGAAGGGGAAGGCCAAAGAAGGAAAAAAAAAAAATTGGAGGGGA A GCCGGAAAGAAAGAGGAACGGAAGAAAGGGGACGGGAAGGGGGGGACC A GAA $\ln A \operatorname{A} \operatorname{GA} A \operatorname{GGGAAGGGGAAGGGGACAGAAAGGAAAGGGGGGAAGGAA}$ CAAAGGAAAACCGAGGAAAAGGGGGGAACCAAGGAAAAGGAAAAAAAAAA AAGGAGAAAACAACAAACGGAAAAGGGAGGAGGAAGAAAAGGGGGGGGAA CCAGGAGGGAAAGGCCAGGGAACCGGAAAGGGAAGGGGGGAGGAAGAGA

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 A G G G A G G A G G GAAGGAGAAAAGCAGGAAAGGGGGGGGGAAAGGAGGGGG AAGGAAGGAGCCAAAAGGAAAAAAGGGGGGAACCGGAAAAAAACGGAGAA GGAAGGAGAGCCGACCAAGGAAGAGGAGAAAAGAGGGACCGAGGAGAGG GAAAACGGAACAACCAAAAGACACCGAGAAGAGGGCCCCGGCAGGGAGGA CGAGGAGAGAAAAGGAGGAAGAAAAGGGGAACAGAGGAAAGAAGGGGGG ACAAGGGGAAAAGGGGAAGGAAGGAGGGAGAGAAAACAAAAGGACCGGAA A GAGGGGGCAGGCCGGGGAAAAAAAAGGAAGAGAAGGAGAACGGAAGAAG GGCCAAAGGGGGAGGGAGGGAAGAAAGGAGGGCAATAGCCCCGGACGAG A G G G G G A A A G G G G A G G G A G GAGGAACCGGGGAGAAGGAAGGAAAAGGGG AACAAGAGAGAAAAGGCCGGGGAAGGAAAAAAGGGGGGCCCAAAAGGGGA ACGAAAGGAAGGACGAGGGAAAGGGAAGAGGAAGGGGGAAGGGGAAAAG GAACCAAGGGGGGGGGAGAGGGGACACGAAAAAAGATAGAGAACCAAGGA GAAAGAAAAGGGAGGAAAGCACCAGGAAAAGGGGGGGGGGGAAAAAAGGA AAAGAGGAAGGGAGGTTAGTTGAGGGGAGGGGGAAGGAGGGGGGGAAGG G GTAGAAAGGAAAGGACCGGGGGACCGGGGGAGGGGGGAGGGGGCAGGG A GA $\operatorname{A} A \mathrm{~A}$ G G G A A GAGGGGAAGGGGGGGGGGGGAAAAAACCAAAGTTGAAC AAACAGAAGGGGGAAAGAAACCAGGGAAAAAAGGAGAGAGGAAGAGACAA CCCCAAAAGGGGAGCCCCACGAAGCGAACCAACCAAGGGGGAAAAGGGGA GAGGGGACCCGGGACAGAGGAAGGCCCCAAAAAAAGGACCAAAAAAGAGA GGAGAGAAAAACAGAGAAAAGGGGAAGGAGGACCAGACAAGGACGAAAGG G G G A G G G G G G G G G GACGGGGGGGGAAAAGGAAAAAGAGGGGGGAGAAAC AAGGGAAGGAAAAAGGGCCACGACCGAAAAAGAAGAGAACCGGAGGGGGG G G G G G C CAA G G G G G G G G G G A A A A G G GAAAGAAAGAAAGAAGGGAAAGCC AAGGAAAAGGAAGAAGCCCCAAGGCCGGGACCAGACAGGACAAAAGAAAA CCGAGGCAGGAAGGGGAAGGCCAAAAGGAGCCAAACCCCAGAGAAAAAAA CCGGGAGACCAAGGCCGGGGCAGGTTAGGGAGGGGGAAGGAAAGGAGGG A G ACCAAGGGGAAAAACCCAAAAGGGGGGGGCCAAGAACAAGGGAAAGGG G G GAA $A$ A G G G GTTGGGGAGGAGAGAGGAAAAAAAACCGGAAAAGGAGGG G G G G G GAA G G G ACACCAAGGCAAACCGAGAGAGGGGACCCCCGGCAAAAA AAAAAAAAGAGGAACCGGGAGAAGAGGAAAAGAAAACCAAAAAAGGAGGG ACTAAGAGAGAAGGGGCCGGGGGGGGAAAAGGGGGGGAGGGGGGGGCCG GCAA G G G G G G G G GAAGGGGAAGGGGGGAAAAAGGAAGCCCCAGGAGGAG GGGGAGGGAAGGCGGAGAACAGCAAGGAGAGGGACCAAGAGAAGAAAGAA GGAAGACCGGGGGAGGCCGAAAGGAAAATAACGGAAAAGGAATTGGGAAG CCGGAGTAAAGACAGGAAAGGGAAAAGACAGAGGAAAACCGAGACCAGAG GAAACCAAAAGGGAGGAAGGGGAAAGGGAAAAGGAGGAGAGGAGAGGGA

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GACGGAGCCAAGGTTAGGAGGAGAAAACAAAGGAGGAAACAAGGGACAAA ACAGGAGCCAGAACCCAGGAAAGGGAAGAAGAAAAAGGGGGGGGACAAAA G G G A G G G G G G G G A G G G G A A A A A A A G G GAGGGGGGGGGGAAAAGGGGAAGA AGGGAAAAGGAAAAGGCCGGGGCCGGAGAATAAAAAGGAAGGAGGGGGG GAAGAGGGAAAAGGGAAGAGGGGAACCGGGAGAAAAAGGGGGGGGGGAA G GA G GAA GCCCAAAGGGAGAGGGAGGGGAAGGGGAGGGGAGAAAAGAAG GAGAAAACCGGTTAGACCAGGGGAAGGAAAAAACCGAAAAAGGAAGAAAC CAAAAGGAAGGGGGGAAAACAAGGGGGAAAAGAAAGGGGAGGAGGAAGAA GAGGGAGGGGAGGCCGGAAAACCGGAGGAAAAGAGCAGGAGAAAAGGAAA CGAACAAACAGGGGGAAAAGGAACCAAGGAAGAGGGAAAGGTTAAAACCA TAAGGAAAGAAAACCCCGGAGAAAGCAAGTTAAAACACCGGAAGGAAAAG GCCGGAAAAACCCCCAACCAGAGAGAAAAGGGGAAAAAAGGGGGGGAGAG AGGAAGGAGAAGGAACCGAAGGGCAAGCCAGGAGGGGAGGAAAGGGGCA AAGGAAAAAACCCCGAGGAGACAGAGCCAAGACCGAACGGGGGAGGAGAA CCGAAGGGAACCGGGGCAGGGAAGCAAGAAAAAAAAGGAAAAGGAAGGGG AGGGAAAAGCGGAGAGCCAAGGAGAAAAGGCCAACAGGAAGGAAAGAAGG G G C C G GAAA G GAA GCAAAGGGGGGGGTTGGGAGGGGGGGGGGAAGGAAA A G G G G G G CCCCGAAGCAGAGGGGAAGAGGGGAGGAAACAGAGGAAAGGG G GTAAAGGGAAACCCCGACCAAAAAAACAAGGAAGGAACCAAAGAGAGGG CCAGACAAGAGACAGGAAAAACGAAACCGACCAAGGAGAAAGGGGGAAGA A GAGAGGGAAAAAGGGAAAAGGCCGGAAGGACGCCAGGAAGAGGCAAGCA ACACGGAAAAGACCGGCGGGAAAAGGACCAAGAAGGCAGGAAACGAAGGG GAGGGAGGCAGGGGAAAAGGAAGGGGGGGGACCCGGCGAAGAGGACGGG G GAA $\operatorname{l}$ G GAGGGAGGAGGAAGGAGGGAGGGAGAGGAAAAAAGGAGGAAAA A G GA $\operatorname{A} A \mathrm{~A}$ GGGGGAGAAAGGAACAACAGGCCGGGGGAGAGAGGAGAGAAG GAAA G GAGGAGAAGGGAAAGGGAGGGGGGGGGGGAAGAAGGTTGGGGCC GGGGAAAAAAAGGGAAGGATAAAGAAGGAAAAGGGGACAAAGGGAACAAA GGAAAAAAAAGACAGAAAAAAGAGGGGAGGAAAAGGGGAAAAGAGGAGCC GAAGCCGGAAGGAAAAAAGGGGCCGGGGGGACCCGGGAAGAAGGGAAGC AAACAGAAAAAAAACGAGGAGGGGGAGAAGGGGGGGGAAGGACGACCGGA GAAGGAAAAAAAAAGGGACCGAGCAGAAGAAAAGGCCAAGGAAGGGGCAA GCCGAGGCAGGCCGGAACCAAGGAAGAACAACCGGAAAAGGGAAACCCCA CGAAGAAAACCAAGGGGGGAAGGGAACGAGAGGACGGAAAGGGAAGGCCA A G G G G G GAAA $\operatorname{AAA}$ A G A GAA G GAA G G GAAGGGAAAAGGAAGGGGAAGGGG A G A G G A G G G G CCGGAAAAAGGGAAAGGGGGCCGGGGGGAAAAACAAGGA AGGCCAAGGGGGGACAGGGAAGGGGAGAAAACCGAACAGAAAAGGGGCAG GAGAAGGTAACGGGGGGGGGGGGGGAAGGAAGGAAAAGGGAAGAAAAGG AACCCCGGAGGAGGAGAGAAGGGGAGGAGGGGAGCACCGGAACCAGGGC CGGCCAAAAAAAACCGGGGGGAAGAAGCCGAGGGGAGAAGAAAAGAAACA GAGAGCAGACCAGGAGGCCGGGAAAGAGGAAAAAACCGAGGGGAGGAGGA A G GAAGGGGAAAGAAGGGGAAAGGAGGGAGGGGCCAAGACCAGGGGGGA AAAACCAAGGGGGGGGAAGGAGGAGAGGGGAAAGGGAAGGGGGGAGGGG GCCGGAGAAAAGGAACCAAGAAAGGCGAGGGAGAAGAAGACAGAAGAAAG CCCAGCCGGGGGGGGCCGGAAAAGGGGAGGGAAAGGAGGGGGGAGGGGG AGGAGAAAGGACGAGGGGGGGGCCAAAAGGTTGAAGAGGGAAAGAGAGG GGGGGAAAAAAAAGGAAGAGGAAAAAAAGGGGAAGAAAAAAGGAGAAGGA AGGGAGGAAAAGGGGAAAGGAAGGGGAACGGAAAGCCCAGAGGGGAAGG ACGGGGGGAAAAGGCCAGGAAAGGAACCAGGGAGGGAAGAAAAAAAAGGA AAAGAAAAAAGAGGAAGAAGGGGAAACCAAAAAGGGAAAACAGACCAAAA AA $\operatorname{GAA}$ AGGGAAGGAGGGGCAAAAGGGGGAAAAAAAAACGGGGGAAAAAAG GGAGACATGGAATTCCAAAAGGGGAAGGCCAACCAAAAGGGGGGGGGGAA
 AAACCAAGGGGAAGGGGAAGGGGGGAAAAGGAAAACCAAGGAAAAGGGGA AGGGGAAAAAAGGAGGGAAGGACCCGGAAAGGGCAGAGAAGAAGGCCGAG GACCCCCCCAAGGAAGGAAAGCCCCAGAAGAAAAAAAGGGGAAGGAAGGG GGGAACCAAGCCCGAGGAGAAGAGAGGAAGGGGAGGGGGAGGAGAGGGA TTAGAAAAGGGGCCGGAACCAAGGGGCCGGAAAGCAAAAGAATAGGCCCC G G ACGGGGGGAGAGGAAACCCCGGATTTGGAAGGGGAGGGGGCCGGGAG GGGAAAACCAGAAAACCGGGAGACCGAAGAGAAGGAAGAAACCGGAACCA AAAAAAAGAGGGGAAAGAGAGAAAAGGGGAAAAAGGGCACCGAAAGAAAG AA GCCGACGCAGAGAGGGGAAAGGGGGAGAACCGGAAAAGGAGAGAAAAC

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$22041000-9$ GAGGGGCCGGGGAGAGAAGGAGGAAAAAGGGGAAAAGGAAGC CCCCAAGGAGAGAAGGAAGGGAAGCCAAAAGGAACCGAGAAGGGGAGAGG AACCAGAGGAGGCCAGAGCCGGGGAAAGCCAAGGAAAGAGAAAAGGAGAG AGACGGGGAAAGAAGGAAAAAAGAAAGGAAAGCCGGGGCCGGAGGAGAAA AAGGAAAAAACCAAACGGACAAAGGAGAAGGGGAAAAGAGAGAAGGCCGG

AA $\operatorname{A} G \mathrm{G}$ GGAGGAGGGGGGGGGGGGAGAAGAGGCGAATAGGAAGGAAGAAA AGGAACCAGAAAAGAAGAACCGGAGGGCAGGCAAGGAAAGAGAAAAGGGG AGGGGAAGGAAGGCAGGCCAAGGGGAGAAAAAAAGAACCAAAAAAGAGAA G GAGGGGCCGAGCAGAAAAGGAAGGAACCAGAACCCCGGGGAAGGAGAAA GCAAAAGTTGAAGAAGGGGGAAGAACCAAGGAAAAAACCTTCCAGGGCCG GGGCAAAAGCAAGGAGGAAAACAAAAAGAAAGGAGAAGAACGGAAGAGGA AGGAAGGAAAGGGCAAAGGAGACGGAGGGAAAACCAGAAGAGAACAACCG GCCGGCAGGGAGACAAGGAAAAAGGGGGGGGAGAAGAGGAAGACCGAGA G G A GAAAACCGGAAGGAAAAGGGGAAGGGAAAGGGGGAGGAAAAAACCAA G GAAAAAAGGAACAGAAAAGGGGGCAACGCCGAGAGAGGGAAGGAGGGCA AGAAGAAAAAAAAACAGGAAGGGGACAAGGGAAGGGCCGGATGGGGAAAG AGAAAAACGAGAAAAAAAAAGGAAAAAAGGCCAAAAGGGGGGCCAAAAGG AAAACCAAAAGGAAGGGGCCGGGGAAGGGGCCGGAAAAAACCGGAACCAA GGAAAAAGAAACGGAGAACAGAAACAGGCAGGGAAAGGGGCGAAGAGGGG AAGGGAAAGGGGAAGACCAAGGAAAAGAGGAGCCCAAAGGAACCGAAAAA CCGGGAGGAACCGGGAAAGGGGAAAGAGAGACAGGGAAGGAAGGAAAAAA ACAAGGAAAAAAAAGAAAGGGGAAAACCGAGACAAAACGGAAGGAAGGGG G GAA GACCGGGAAAAGGGCCGGAAAACCAAGGGAAAAAAAGGAGGAACGA GAGAAAACGGAAGGAGGAGGAAGGGGAAAGGGAGAGAAAGAGAACCAGAA ACAAAGAGGAGAAGGAAGAAGACCGGCCCAAAAAAAGGGGGAAGGACCAA GAACAAAGGGGGCCAAAAGGAAAACCAAGGAGGAGGAAAAGGGAAGGGAG G GAAAGGGGAAAAGCCAAAAAAGGAAGGGGGGGGAAGGACGAAGAGAAAA AACAGAGAGGGGAAAACCGGAGGGCCAAGGAAAAAAAAGGAAGAAGAGTA AA G GAAGGAGAGCATTGGCAAAAGGAAAAAAAGGAGAAAACAGAGAGGGG AAAGCAGAAGAAGGGGGGGAGAAAGAGAGGACAAAAGGGGAAGGGACCG GGGAAGGCCGGGGGGAAGGAACCGGCCAAAGCGCCGGGGAAGGAAGGCC GGCCAAAAAAAACCAGCAGAAAAGGGGGGGGAAAGGAAAGAGAGAACAAG A GAGGGTTAAGGGGGGAAAAGGAAGGGAGAAGAAAACCAAGGAATTGGGG G GAA G G G G G GAAGGAAGGAAAAGGAAAAGGGGGGGGGGAAAAGGAAAAA AGGAAAAAAAGAACCGGCCAAGGGAAAAGGAGGGGAGGGGGGGCCGGGG G GAAGGAAAAAAGGGGCCCCGGGGGGGGAACCGGGGAAAAAAGGGGAAG GGGGGTTAAGGAAAAAAAAGGAAGGAACCCCGGAAGGAACCAAGGGGGGG GAAAAGGCCGGGGAAAAAAAAGGAAAACCAAGGGGCCCCAAAAAAGGAAG GGGTTCAGGAGAGCCGGGGGACCAAAAAAGGCCAGGAGAGGGAGGGGGG
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A G G G G G G G G G ACGGAAGAAGAGAGGGAAGGGGAACCTTGGACCCGGGAC CAACAGACAGGGAGAAAAGAAAGAAGAGGAGGAGAGGGGAGAGAAAAAGG GCCGGCGAGGGCCGACCGGAGGGAGGGAAAGGAAGAGCCAGGGAAGACA AGGGAACGGGGGAGAGGGAATTAAAGGAGGGGAAGGAAAACCAAAAAAAA G GAAGGAAAAAAAAGGCCGGGCAGAAAGGACAAGAAGGCAGGGGAAAAAA AGAACCGGGAAGCCACAAGGGGACGAAAAAAGAAAAAACCGGAAAACAGG G G G G G AAAAAAAGAGAAGGCGAACAGGGCCGGACAAAAGGCCGAAGGGAC AAGGAGAACAGGCAAAGGGAGGAAAAACAAAAGAAGAGCACCCCAGACCC CCAGCAGGAAAAGAGGTTAAGGGGCCGGAAGAAGGAAAGACAAGAGGACA AAAAAAGGAAAGGGTTGGGAGAAGCCAAAGAGAAGAGGAAAAGGGAGGAA GAAAAGGAAGAGGGAAAAGGAAAAAGAGAGAACAGAAAAAAGGGAGAAAA ACCCAGAAGGGGAAAACAAAAGAGGAAGAAAAAAAAAAAGGAAAAAAAGG GAGAAAAAGAAAAAAAAAGGAAGAGAGAAGAGGGGGGAAGAAGGACGGGG GGGGAAGGACAGAAGGAAACCCGGGGAAGGAAAAAACAAGGGACAAGGAA G GAGATGGCCGGGGGAAGAAGGAAAAAAGGGGAAAAAAGAAAAAGGCCCC GGAAGGGGCCGGGAAGCCGGAAAAGGGGCAGAGGCAGGACAAGGAAAGA GCAGAAGGAAAAACAGGCAGGGGAAAGAACCGGGGGGAGACAAGGAGGAA AA GACGAGGAAGAAAAAAAAGAACCTAGGGGCCAGAGGGAAAAAGAGGGG AA GAA $A$ AA G G GACGGGGGGGGGGAAAAGGTAAGGAAAAAGGGGAAAAGG A GAGGAGGGGAAGGAAAAGGGGGGAAAAAAAGGAAAAAGGAAGGGGGGG G G G A G G A G G A A G GCCAAGGCCAGGAGAGAGGGGCCGACAAGACAGAAGG AAAAGGAAAAAAAGTTAAAGCCAAAAAAAAAAAAACAAAGAAACAAAACAA A G G G G G GCCAAGGCCTTCCAAGGAAGGAAAAAAGGACGGGGCAGAGGGAA GAAAAAGAAGGGGATGGGGAAAGAGCAGGAACCAGAAGACCGAGAAGGGG G GAGGGGGGCCATAGGAAGAACCGGAGAAGGGGGGAAGAAGAGGGAAAA AAAGGGGGGGAAAAAAGAGGGACAACGAAGGAGGGGAAAGACCACCAAGG GGGGAGGGAGCAGGGGGGAAAGAAAGGGGGGGAAGACCAAAAACGACCG GAAGGAAAAAGGAGACCGGAAAAGGCACAGGAAGGAGCCGGGGAAGGAGT AAGAAAAGGAACCAAGGAAAACGAGTAGGAGGAAGGAAGAGAAAGCCAAA GAGAAAAAAACAGAGGAAAGACACATACCGGGGAAGGTTAAACACAAAGG ACCAAAAGGGGGGGGAAAAAGTACAGAAGAAAGGGAGGACAAGAAGGAAG AGACCAGCCCAGGGAAGAAAGAAGGGGGGAAAAGGGGGGGGGGAAGGGA G GAA G GCAAGAAAAGGGGAAAAAAGGAAAGAAGAGGGGGGGGGGGAAGG
 A G GA G GAGAGGGGGATGGGATTGGAGGGAAGGAAGAAAGAAAGGCCAAA AAGGGCCGAAAAGCACCAACAGATTAAGAAAATTACCGGAAAAGGGGAAG GAAAAGAGGAGAAGGGGTAACAAAGACAGTACCGGGGAAGGAAGGAAGAC AGAGGAACCAAAAAACCAAGAAACCAAGGGGAGAGAGAACCGGAAGAAAA AGGCAAAGAAAAAAGGGAGGGAGCCCCAGAGCCAAAAAGAACCAACGGGA G G G A GAACAAAAGGAAAGGAAGAGGGGAAAGAAAGGAGGAACCAAGGGGA AAAGGTTACAACCGACCGGAAGGAAAAGGGAAAGGGGAAAACAAAACGGG G G G G G A A G G G G G G A A CAGAGGAAAAGAGGCAAGGGAAAAAATTGACCAAC CGAGGAAAAAAGGAAGGAAAAGGAAAAGGAAGAGGGAAGCCAAGGGAGGG GGGCCCAAGGAGACCAGAGAGCACCGGAGGGGAACAGAAGGAATAAGGGG GAAAAGGGAGGGGGAAGGGGGGGGGGGGGGAGGTAAAAGAAGGAGCAAG ACAAGGGGCCAGAAGGGGAGACGGGGAACCAACCAAGAAGAAAAACCCAA AGAATTAAAAAAAGAAAAAAAAAAGGAGGGCACAAAAAAAGGGGAGGGGG GGAAGGGAGGAAAAAAACGAAAGGGAAAAAGGACGGAAGAGGAAAAAAAA G GAAAACCGACGGGAGAAAGAAGGGGAGGGAAGGAGCCAAGGTTGGAAAA AAAACCAGAGAGGGCAGGAAAACAAAAAAAAGAGGGAAAAAAAGGATACC AACCGGTTAGAAGGCAGGGAGAAAGGAACCAAGAGGGGGGAAAAAAAAAA AAAAGGAAGGGAAGAAACAGAGGAAGGAGACCCCCCGACCTTGGAAAGAA GAAGCAGAGGAAAAAGAACCAGAGGGGGAGAAAAAAAGAGGGGGAACCGG AA G G G GAGGAGGGCAAAGAAAAAGGGAGAACCAAAAAAAGCCAAGAAGAA ACAAAACCGGGGAAAAACAAGGCAAAAGCCAGGGGGGAGGAAAAGGCCGG GGGGGGGGAGAAGGAAGGCGAAGGGGGACGAGACAGGAAACCAGTAGAC CAGACGGAAGAGGAAGAAAGGGGGGGGGGACAGGGAAAAAAAAGAAACAA GAGCAAAAAAGAAAAAGGAGGAAGGGGGGAAGGCCAAAGCGCAGAGAGGA AGGAAAAAACCGGGGGGGGAAGGGGAGAGAGAAAGGAGGGGGGGGGCAG GGAGAAGGCAAAAACCAAAAGGGGCCGGAGAAGGAACAATGAAAAAACGG GAAAAAGAGAGGAAAAGAAAAAAAGGAAAACAGACAAAGGAAAGGAAAGG

AACCACGAAGGACAAGCCAAGGAACACCGGAAGGACGGCAGAGGAGCCCA GAAGACAGCAGAAAGGACAGCCAAAAGGCCGGGAGGAGAAAAAGAGGAAG AGGAAGAATAAGGGAAAAGACAAAGACCAAGGCAGGCCAGGGCCAGGGGG AAAAGAAGACAGAGAAAGGAGCGAAAAACCGAAAAAAAGAGGAGAGGCAG AAGACAGGAAGGGGAAATGAAAAACCCCCGACAGGAGAAACCCAGGGGAA AA G G AAAAAAAAAAGGGGAGAAGAAAAAAGAAAAGGGGGGGAAAGGAAGG CCGGGAGAGGGGGGAGAAACAGGAAAGGCCGGTAGGGAGGCCGGGAGGG AAAGGGGGAAGGGAGGGAGGAAAGGACAAGGGAAGGAGAAAGAAAAAGG GAAAAAGAAAAAGAGGAGAGGAAACCTTAAGAACGGAAGAAAAAAAGAGG AGACCCAGATAGAACACAAAGGAGGCGGGGGAGAGGGGGGCCGGGAGGA GGGGGAAAAGGAAACAAGAATGAAAGGGAGAGGGAAGAAGAGGAGAAGGA AATAGAAGAAAGGAAAACCGGGGGAGAGGAGGGGGGAACAGAGGAGCGAA GCCGAAGCCAACCGAAGGGCCGGGGAAAAAAAAGGGGAAGGGGAAGGGAG AACAAAGAAGGGGAAGGAAAAAAAAAAAAGAGGGGACAAAGAGAAAAAGA CAAGGCCAAAAAGCCGGAAAATTGGGGGGAAGGAAGAGAACAACCACAAG GGGAACGAGAACCAATTAAAAACAGAAAGAAGAAGAAAAGAGAAAAGAGA G G G G G CAA G G GAAGAGGGAAAAGCAGGAAAAGAAGGGAGGAGGAAAAGG GAAGCCAA G G G GAGAACAACGGAGCCGGGAAAAAGGGGGGAGGAAAAAGG AAAAGGAAGGCAAGGAAGACGGGGGGTTCAAGAAGGGGGGCGAAGGGAG GGAAACGCCAAGGGGAGGGAAGAGAAAAAGGGGGCGGCAAGAAGGGGGG CCAAAGGGGGAAAAGGGGGGAGGAGGGACCGGGGCAAAGGAGAAGAAAC CGGAAAAGGAGCAGGAAGGAACCGGGGCCAGGGCAAAGGGGGAAGGAAAA GAAGGGGGGAAAGCACAAGGGGGAAGGAAGGAGAAGGGGAGAAGACCCC AAAGAGAAGGGGACAAGGTAGAAGAGGATAGGTTCCGGACGGGGGGAAGG AA $\operatorname{l}$ GAAGGGGGGGGGGAAGAGGGGAAAAGGAAAAGGAAGGGGAAAAAAG GAAAAAAGGGGAAAAAAAATTGGGGAAAAGGAAGGAAGGGGAAAAAAAAG GGGGGCCAACCTTAAGGGGGGGGAAAAGGAAGGCCGGAAGGCCGGAACC G G G GAAGGAAAAAAGGGGCCGGGGAAAAAAAAAAGGAATTCCAAGGAACC AAAAGGAAGGAACCAAAAGGGGCCAAGGAAGGGGAAGGAAAAAACCTTAA G GAA G GAAGGGGGGGGGGGGAAGGAACCAAAAGGAAAAAACCCCAAAAGG GGGAGAAGAGCACAAAAAAAAGGACAAAGAACAAGGAAGAGGGGAAGCAA GGAAGGAGGGGGGAAAAGGGGAGAGAAAGGAGGAAGAACCAAGGGAACG GAGAGCCAGCCAGGGAAGGGGACAGCCAACCAAAAGAGGCCGGGGGGGGC ACCAAGGCCAAGGCCAAAAGGAAAAAGCCAAAAGGAAAAACGGAGAGGAA A GA $\operatorname{A}$ GGGGGAAGGGAAAAGCAAAGGGGGAGGAGAGGGAAGGGGGGAAAG ACGGCCGGAGAGGGGGAACCGAGGAGAAGAGGCCGGGGAAGGGGAAAAA AGGAAAAGGGGGGAAAACCCCCCGGAAAAAAAAAAGGAAGGGGAAAAGGA AGGAAAAGGGGAACCGGGGCCAAAAGGGGGGAAAAAAAAGGAAAAGGGGA AAAAAGGGGGGGGCCAAGGAAGGGGAGGAGAGGAGAAGGAAGAGGAGGA AAAAGAGGGGAAGAAAGAGAACCCAAAGAGGGAGAAAAAAAAGGCCGAGG GGGGGGAGCAGGAAGGAGGGGAGGGGAGCAGAAAAAGGCCGGAAGGAAG AAAACAAGAAAGGGGACGGAAGAAAGGAAGGGAGACCAGGGGGAAGAGAG GGGCCGAAAGGACAAGGGGGGGGGGGAAAGGCCGGAGGGGAGGAAAGGG A GACGGGGAGGGAAGGGGGGAGGGGGGAGGAGGGACGAGAAAAAGAAAA GGAGACCGAAAAGAAGGGAAGGGGAACACGGAAAAGGAAAGACGAGACCA AGGAGGAACGGACAGGGAAAAGGACGGAAGGACAGAAGGAAGACCGGGGA GAGGAGGAAGGTTGGAAAAGGAAGAAGCCGAAGAAAAGGGGCCCCAGGAA AAAAAAAAAGGCCAGGGCCGAAAAAGGAAAGGGGGGAGAAGAAGGAGAAG GAGGGCAGAGGGGAGAAGGAGAAGAGAGGAAAAAGAGAAAGGAAGGACA G G G C G G G G G G A G A GAGGGAGGGAGACGGAGGGGGGGAAGGCCGGTTGGA AACAAAAAAGAAGGAAAGGAAGGAAAGAAGGGGGAGAAACCAACAGGAAG GGGAGAACAAAGGGAGGGGGAAGAGGGAGAGCCAACCGCGAGAAAAGGG GAGGCAGGAAAGGAAAAAAAGGAGAGGACCGGGAAAAGAGGAGAAGCCGA GAA GAA G G G GAACAGACAGAAAAGGAAGAAGGAGGGGGGGGGAGAAGGA G G G CAA GCGAGAGCCAACACCAAGGAAGGAAAAGGGAAAAGAAACGAGGC CAAGAAAGACCGAAGAAAAGAGGGGAAGAGGGGGGAAAAGGAAAAAAGGC GGAAACCAGACGAGGCCGGCCAGGAGGAAGGGGGAAAGAGGGAAGGGGA ACGAAGAGAAGAAACCAAGAGAAGGGGAAAAGGGCCAAGAAAAAAAAAGG AAAGAGGGACACGGAAAAAGGGGGAAGGAGAGACGGGAAAAAAAAGGGAA AGGAAAGGGAGGGGGGAAAAGGAGAAAAAAAGGGGAAAGAGAAAGGCAG GAAGAGGGGGGACGGAGAGACGGAAGGAAACAAGAGGGACCAAGAAAGGA

GAGCAGGGGAACAAACCCCAGGAAGGGGGAAAAAACCATAAGGCCAAGGG GGGCCAAGGAAGAAAGGGAGGAAGGGGAAGAAAAGAAGGAAAAGGGGGA AGGACAAGAGCAGGGGGGGGGGGGAAGGGGGGAATAGGAGAGAAAACCG AAGGGAAACGAAAGAACAAAAAAGAAAAAAAAAAGAAAAGAAGAGGAACG AGAAAAGAAGGAAAAGAGGAGAGGAGGAAGGAAAAGAAAGGCGCAGGGGA AGAGAGAGAGGAGATAGGAGAGAGGAACAAGGGAGGGTTGACCAACCCCA CAAGAAGGGGGGGAGGGGGCCAAAGGGGAGGAAAGGCCCGAAACCAGAA GGAAGGGGGAGAGGAGAAGGGGGGGGGGGGAAAAGGGGAAGATACCGGA AAAGGAAAACCAAAAGGCCCCCCAACCAGAGAAAGGACAGAAAAGAAGAA CGAAGCAAAAAAAAGGAGGAAAGACAGAAGGGGAAGCAAGGGGGGGGAAA AAAGGAAAAGGGGAAGAAGGGAGAGGGGGGGAGGAGAGGACACGAAGAG AGGGAAAGCGAAGGGGAGACGGAAAAAGAGCGAAAAGGAACCAAGGGGGG GGCAGAGGGGCCAAAAAAAAGAAACAAAAGCAAAAGGAAAGAGAAAAGGG AGGGGGAGGAGGGGAGGAGAAAGGCCAAAGGAAGGAGGGGAAGAGGGAG GGGAGAAAGGGAAGAAAGGAGAAGGGGAGGAGGGCGGAGGGAAAAAAAA AGGAAAAAGGAAAAGGGGAGGAGAGGGGGGAAGGGGGAGGTTGAGGACA AAGGGGGGGGGAACCAAAAGGAAGCAGGGACGGCCAAGGGGAAGGGGAA GGGAAAGGACAACACCAGAAAGCGCAGGGAAAGACACCGAAGGGAGGAAA ATGGAAGGGAAGAGGAAGAGAGGAGGGGGGCCCAAAAGAGCCAGGGGGA GAAGGGGGGAGAGGGGAAGGGACGAAGGACAAGCAGGAGGGGAAGGAAG GAGGAGGGGGGGAAACGGAAGGAAGAAGAGGAGGGGGGGGGGGGTTAAG GAAAACCAAGAAAGGGGGAGGGGAAAGAAAGCAGACAAGGAAAGGAAAAA AGGAACCTTAAATGGAAGGAAAAAAGGAAAAAAAAAGGGGGGGAGAGAAA AAAGGAGAGAGGGAACAGAGAAGCAGGGGCCAGAAACGGAGTTAAGGGGC AAACCCAGACCAGGGGGAAAAAAGGCAAGGAGACAAGAAAGCAAGAGAAG GCCACAAACGAAAAGTAAGAAAGGGGAGACAAGAACGGAGGAACAGGAGG AATGACCGAACGGGACCAGGAGAAAGGAGAAGGGGCAAAGGAGCCGGGGG GGAAAACAGGCGGGGGGGGAAAGGAGAGGGGGGAGGAGGGAGATTAGGG AGAAGGAAAGAGGGAGAAGAGGGAAAAGAAAAGGAGCCCCAACCGAAAAG GGAAAGGGAGAAGGAAAAAAAATAAGGAACGGAAAACCCCAACCAGGGAA AAAAAACAAGAAAACCGGGGAGAAGAAGCCAGCCGGAAAACCGGGGGGAA AAGGGAAAGAGGGGAAAAGGGGGAGGAAAAGGAAGGAGAGGAACAGGGG AGACAGGAAAGACGGAAAGAAGGGGAAGGGGAAGAAAGGATAAAAAGAGC CAGAGGGAAGGGGAAAAAAGAGGCCGGGGAAGGGGAAAGCGGGAAAAACC CCAGCAGGAAGAGGGAGAAGGGGGGGGACGAAAAAGAAAGGGGAGAAAG GAAAGAAAGGCAGGGAAGCCGGGGGGAAGGAAGGGGCCGGAAGGGGAAG AGGAACCAGAAAAGGAGGGGGAAAGAGAAGGAAAAAAAAGAGGGGGGGG GGGAGGAACCAAGGAAGGGGCCGGCAAGCCGGGAAGAAAAAAACAAGGAG GACAGAGAGGAGTTGGGAAAAAAAAAACAAAAAAGGAAGGAAAAGACAGG AGGACCGAGGAGAAGGGAGGATACACGGAGAGGGGGAAGGGGAGGACAG AAACACCAACCGGAGGACCAAGGGAAGCAGGGGGGAGAACCCCAAGGAAA GCCGGTTGGGGGGGGGGAAAAGGAAGGGGGAGGAAGAGACCGAAAGAGG GGGGAAGGCAGGGGGGAAAAAGAAGAAACCAAAGACGAAAAAGGAACCAG AGCCAAGGACGAGGAAACAAGGGGAAAGCAAAAAAAAAAAAGGAGAGGGA AGAAACGAAAACCGAGGGGGAAGGGGCCGGGGGGAGAAAAATAGGAGAG GAAGAAGGAGGAGAGGAAAAGAACCGAAAGGGAGAGGACGAGGAGAAGAA GGGGGGAAAAAGGGGAATTGAAAGAAAGGAAGAAGGAGAAAGAAAAGAAA CCCGAAACCAAGGGGGAGGGGGGGGGGCAAGAGGGAAGAGAAAGGAAAA GAAAGGCAAGCGAAAGAGAAGGAACCGAAAGGGGCAGAGGCCGAGAACAA CCCCGAAAGAAGGAAGAGTTACGGATAAGGAAAAAGAGAGAAAAAGGGGA AAAGAGCAGAAACCGGAGGGGGGAGGAGAAGGGGAGAAAGAAGGGAGGG GGAGGAGAAGAAGAAGGAAGAAGGGAAAGCAAGGGAAGGAAGGAGGACAA AGAGAGGAGGGGACCGAGGGAGGAAGGAAGAAAAAGGCCGGGGGGAGCC CAGGAAGAAGGAACAAACAAAGGATTGAGAGAAGAGAGAAAAAAAGCCGG GGAGAAAGGAAAGAGAAGGGGGAGGGGGGGGGACGAAGGGAGAAGGAGA CAGAAATAGAAGGAAAAAAAAAAAAAAGGGGGGGGACAAGGCCAAGGGGC CGAGGAAAAGGGGGAAAGGGAGGCCCCGAAGGGAAAAAACCAAAAAGAAA AGGGGGGGAAGAGGGGAAGAGGGGCAGAAGGAAGGAAGGGAAGAGGAGG GGCAGGAAAAACCCAGAAGGAAGGGAAGGGAGGGGGGGAAAAGAAGGAG GGGGGAAAAAAGGCGGGAAGGAAAAGAAAGGAAGGAAAAAAAAGGAAAAG GACGGAGAAGAAAACGGGAAGCAGGAAAGCAAGGGGGAGAGACGGGGGG

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GGGAAAAAAAAGGGGAAAAAAAAGGAAGGGGGGGGGGAAGGGGAAAAGG AA $\operatorname{lag}$ GGCCCGGGGAAGGGGGGGGGGGGGGCCGGCCGGAAAACCGGGGC C G G G GAA G G G GAAGGAAAAGGGGAAAAGGAAAAAAAAAAAAAAAACCGGA AGGAACCGGGAGGAAAAGGGGGGAAAAAGACAACAGGGGCAAAAAGGGGG AGGAGAAACAGAAAGGGGGGGGGCCAAAAAAGGAAGGCCAAAAAACAGGG GGAAGGGACAGAGGAAAAGGGGGAGGGAGAGGGAGGGGGGGAGCCAGGG AA G G G G G G G $\operatorname{la}$ - AGAGGAAAGGAGAAGGGGGAAGGAAAGGTTTAGAAGG GGGGGAAAAGAGGGGGGGGGGGGACGACCCCAAGAGGGGAGGACCGGGG GGGAAAAGAGGACCAAGGAAAAAAAAGGAAAAAAGGGGCCGGAAAAGGAA GAAGGGGGGAGGGGCCGGACGGAAGGCAAAAAAAAAGGCCGGAAGGGAA AAGGAAGGGAAACAAAAGGCCGAAAGGGAGGGGAGCACCGAAAAAAAGGA GGGGGAAGATAGGGAAGAGGGGGTAGGAGAAAAGGAAGGGGAAGGGGAA GAAAGGGAAACCGGCAGAAGAGAAGACCAGAAGAAAAAAAGGGAAGCCAA AGAGAGGGAAGAGAAGCAAAGAGAAGCAGGACACAGAGAGAAAAGACCGA GGCCAAGAAGAGGAAAGGGGAAGGAAAGGAGGGGAGAGGGAAGGAAGAG GGAAAAATTAAGGGGAAGGATGAGGGGACGGAGGGCCAGAAAAAAGGAAG GGGGGAGGGGGGGAAGGAAGGAAAACCAGGGGGGGAAGGGGGGGAAAAG AAAGGAAGAAGGAAGGAAAACCAAACGGAAACAAAGAGAAAAAGACCAGA GGAAAAAGAGACAGGGAGGAAAAAGGAAAAAAGGAAAAGGGGAAAAAACC AGTTAAGGAGGGGGAGAGGAAACAAACAAGGGGGAAAAGGGGAAAAAAGG ACGGCCAAAGGAAAGAGGGAGGAGCCTAAGGGATGAGAAAAAAGAGAGGA AAGACCAGAAGGAAGAGAGGGGAGAACACAGAAGAAAAAGGAAAGGAAAA GGAAGGAAAACCGGGGAACACAAAAAAGAAGCGGAAAAGAGAAAGGGGGG AGAAGAAAGGCCAGGGAAGGGGGAGGGGAAAGAAGGCCACAATTGGGAG GAAGGAGAAAAAAAACAGGGAACGGAAGAAGAATAAGCCAAGGAAAAAAA CACAAAAAAGGGGGGGGAAGGGGAAAGGAAAAGAAAAAAAGGGAAAGGGA AACGGGGGGGGGGGGGAAAGGAAAAAAAGAGCCGAGAGGAAGGGGAAGG AAAAGGAGGAAAAGAGCCAGAAAGAAAAAAGAGGAAAGCAGAGGAAGGCC AAAGGGACGGGGGAACAGGCAAAGGGGGGGGGAAAAGGGGGGGGGGCCA GAGAGGAAGGGGGAAGGGGGAAGGGGGAGGAAAAGAAGGGGAGCAAGGG GAAAGGAAGGACAAAAGGAAAGAAAAGAGAGGAAGGAAAAGGAGGAAAGA GAGAGGAAGACCAACCGGGGGGAAAAAAAAAAAAAAGAGAAAAAAAGGAG CAACAAAAAGGGAAGGGAGGGGAAAGAAGGGGAAAAAAAGAGAGAAGACC AAAAGGCCAAAAGGAGGGAGAAGAAGCAAAAAAAAACCAGAGAAGAAAAA AA G G G GAAGACCGGAGGACCAAAAAAGGGGGAGGAGCCGGGGGGGAAGA ACCGGGGGGAAGGGGGGGGGGAAAAAAAAAAGGCCAAGGGGGGGGGGAA AAACGGGGAAGAGAGGAGAAAAGGAAAAAAGGAGAAGGGGAAAACAATAC GGGAGAAAAAAAGGGAGGCAAAAAAAAGGGAGAAGGAAAGAAGGGGGGAA GGAGAGAAAAAGCCAAAGAAAAAGGGGGGGGATACCAAGAGGAGGAGGAA ACCCAAACAAGGGGGAGAGGCAAGGGAAAGAAAAAAAAGGAAAAGGGGAA AACCGGCCAGGAAAAGGGAACCGGAAGGAGAAGAAGAGCCAAAACCGGGG GGCCGGGAGGAAAGGGGAAAAAGGCCGGAGAAAAAAAACCCACACAAAGA AGAGAAAACCAAACAAGGAACCGGCCGGAGAAGGGGGGGGAAAGAGCCCC AAGGAAAAGGAAGGAAGGAAGGAGAAGGGGAGGGGGAGAAAAGGACAAG GGAGGGGGGCCAGGGGGGGCCAAGGAAAAAAGGAAGGGGGGAAAAGGGG AGCCGAAGGAAGAGGGAAAAGGAGCAAACAGGAAAAGGGGAAAGAAAGGA GAGGGGAACAGAAAAAAAGAAATTAGAGCAACACGAGGGAGAGAAAGAGG GAAAGGAGAAAAAGCGGGACGGAAAAGGGAAACACCGAAGCAGGGGCAAG AACAAGAGAGAGAAAAGGGGAAAAAAATCAAGAAAAAAGGGGGGGGGGAA AA G G G GAGGGGGAAAAGGAAAAAAAAAAGAGGAGCCGGAGCCGGAACCAA GAAGGGGAGATTCACCCCGGGACCAAAAGGAAAAAAGAATCCCCGAAGAA AGGAACTTGGGGAGAAGGAAAAAAAAGGAACCGAAGGAAGGGAAAAAAAA AACAGGGACAAGGGGAGGAGGAAAACAGGGGAAAGGAGAAAAAAAAAAAA AA G G G GAAAAAAAAGGGGGGAAGGAAAAAAGAAACCCACAAGCAGGAAAG GAGAACAAGGGAAGGCGGAAAGGGGGGGGGAAAAGGAAAGAACCAAGACC AAAAGAACGGAAAACCAACCGAAGCCAAGAGGGAAGGAGAACGGAGAGAA ACAAAAGATAGAAGAAAGAGAAGAAGGGACGGAACAAAAAGGAGGACCAG AAGGCCGAGGGGAGTTAGAGGAAGAACCGGGGAAAGAAAGAAAGAGAAGG GGCCGGGGGGCCAAGGAAAAGGAAAAGGAAAACCAAAAAAGGGGAAGGGG GGAAGGAAAAAAAAAAGGAAGGAAAAAAGGCCAAGGCCGGGGAACCCCGG GGGGAAAAGGGGAAAAAAAAGGGGAAAAAAGGGGCCAAAAAAAAAAGGGG

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G GAGGGGGAAAAACCGAAACAAGAGAAGAGGGGCCGGCCGGGGGGAAAAC AGGGAGGAGAGAAGGAAGGCCAAGGAAAAAAAAAAGGAAGGGACCAGAGA AACGAGAGGAAGGGGAACAAAGAGAAAGGGGGGAAAGAAAAGAGGAAGGA AGGAAGGGACAAAAAAAGGCAAGCACCCCGAAAGGAAGGAGGAGGAGGGA GCAGAAGAGAAAGAAGGGGGAGGAACAAAAAGGGGAGGACAAAGAAAGGA G G GAAAA $\operatorname{GAGGGGAAGGGGGGACAGAGAAACAGGAAAGGCCCCGAACGGA~}$ AA $\operatorname{l}$ GGGGGGGACGAACCGGGGGGGGAAAACCAAAAAAAACCGGAAGGGGC CGAGAGGAAGGGGAGCCGGATAGGGAGAGGAAAGGAGGCGGGAGAAGGG ACGGAAGGAGAAAGGGGAGGAGCCGGAGACGAGGGGGGGGAAAAGGCCC
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GGCCCCGGAAAGAGAACCGGAACCCAACAAGGGGGGGGAAAGAACCAAAA AA G GAA $\operatorname{A}$ GGGGGCCGGCCGGGGGGCCGGAAGGAAGGGGAAGGAAGGGGC СТ TAAAAGGAAAAAAAAGGGGAAGGCCAAGGGGCCCAACAAGGAAGGGGG GCCGGCAGGGGGGAAAAAAAGAGAAAGGGGGGGAAAAGGAAAGCAAAGGA AAAGGAAGGAAGAGAAGGGAGGAGACCAGGGTAGAGAGGAAGAAAGGGG AAAAGAGGACGAGGGGAAGGGGGGGGGGAGAAGACCGGAAGGAGAGGAG GACCCAGAGCAAGAAAAAGCGGAAAAAGGGGAAAAAGAGAAGGGGAAGGA AAAGGCCACAACCAAGGGGGGAAAAAAAAGGGAGAAGAGACGGCGGAGGA CCCGGGAAACAAAAACAGGAAAAGGCCAGAGGGCAGGAGGGAACCAGAAG GGGGAAAGGGGAGAGGAACGGAAAAAAAAGGGGAAAAGGGAGGAGAAAA GGAGAGGAGGGGGAACGAGGACAGGGGAAACAAAAGAAAGAGAAAGGGA G G A A G G G G G A G A GACAAAAAAAAGGAAGAAAGAGGCAGGGAGAAGGGAGA AGGAAGGCCAAAAAGCCGGGAGGGAGGAGGAGGGGAGGAGAAGCCAAAG AGGGGGGAGGGGAAGGAAGGAACAGAGGAACAAAAGAAAACCAAAGGGAA AAAAGAAGAGAAAGAGACCCAACCAAGGACGGCCGGTTGGGGAGGGGGAA AAGGAGAGGAGGGAGGAGAGAGAGAAGAAAAAAAAAAAGGAAGGGGAAGG AAAAGGGAGAAAGGAAGGAGAGCCCCACGAGGAAGGAAGAAAGGAAGGAA GGGGAAAAAAAAAAGGAGGGAAGAGGCAAAGGGGAAGGGGAGACGGGGG GAGGGAAGGAAGGGAGACAGGAAAAGGACGGAGGGGGGGACGGAAGAGG TTAAGGAAGGAAAAAAAAACAGGAACAGAGGGGGAGGAGACCAAGGAGGG CACCAGAAAAGAAAAGGAAAAGAGGACCAAAAAGCCAAGAAAAACAAAAA GAGGAAGGAACCAAAAGGGGAGGAAACCAAAAAACCAAAAGGAAAAAAAA GGAAGGAAGGAGGAAAGGCAAGAGAGGGGGGGGGGGGAACGGAAAGAGG A G G G G G G G A GAAGAAAAACAAGGGGGAAAGGAAGGAAAAAACCAAAAAAG GAAAAAAGAAAGGAAGGAAGGGGAGGGGAAGAAGAGAAGAGAAACCAAAA AAAAACCAGGAGGGAAGAGACGACAGGGGACGAAAGACAGGAAAGAAGAA AGGAAAAAAGGGGAGAAAGGGAAAAAAGAAGAAGGGAGGAAGGCCAGGGG GGGAAGAGGGAACGGCCGGGAGGAGAGAAAAGGGGCAAGAAAAAAAGAAG AAAGGAAAAAGGGAAAGTAAAGGAGAAAACCCCAAGGAAAAGGGGCCGGC CAAAAAAAAGAAAGGCAGGGGAAGAAGGGAAGAGACAGGGGAAGGGGGAG GACGGGGAAAAAAAAGGGGAAAAAAGGCCGGAACAAAGGGGAGGAAAGAA AA $\operatorname{A}$ GGTACCGGGGGGGGGAGGGGGGGGAAGGAAGGGGGGAGGCAGACGG GAAGCAAAAGAAGGAAAGGAGAGGAAGAAACCGGCCAAGGGGAGGGTTGG G GAAAAAAGGAAGGGGGGCCAAGGGAAGAAAACCAAGGCCGGAGAGCAGA AAGAAGAAACCCAAAAAAAAGGGGCCGGCCAATTAAAAGGAAAAGGAAAA CGGGGAAGAGAGAAAACCGGAGGAGCCCAACAGGAAAACCAACCGAGGAA G G GAAGCCCAGAAAGGGACCAAGGACAAAGGGGGAGAGGGAAGGAAAAGG AA $\operatorname{l}$ GAGGAGGAAGGAGAAAGGGGGCCGAGGGGCAAGGAACGGCAAGGGA AAA $\operatorname{A} G \mathrm{G}$ GAA $\operatorname{GAGGCCCCGGAAGGCCAAGACCAAGGGGGGGGGGGGAGCA}$ GACCGGCACAAGGGGGGAAAAAGAAAGAAGAAAGGGGGCCCCAAAAAAGG AATTGGCCCCCCAAAAGGTTAATTGAGGAAAAGAGAAAGAGGGAAGAGGA GAGGAGAAAAGGGAAGAACAAAGGAGAAAACCGGCCAAAAAAGGCCAAGG GGGGAACAAGAAGGGGGGGGGGGGTTAAGGGGCCGGAAGGCCCCACGAC AAGGGAAAAAGAGGGCAGGGGAATTCCACCAGAGGCCCCAAGGGAAGCCA ACCGGGGAAGGAAACAAAAAGGACCGGGAAAAGGACCAGTAAAAGAGAAA GGAGAGGGAAAAAAGAAAGGGAAAGGAAAAGAAGGAAGGAAGGGGGGGA GGGAGGAAAAGGAAAGACAGAACAGGAAGAGGGGAAGAGGACGGGGTTA GACGGAGGCGGCAAAAAAACCAAAAAAAAGGGGAAAAAGAGGGAAGAAAG AGGGGAAATAAAAGGAGGAAGAAGGCCAAGAGGGAAGGAAGAAAAGGGAA GAAAGAGGAAGAGGGCCGGGGGGCCGGAAGGGGAAAAGGGGGGAGAAGA GAAGAAAAACAACGGGAGGAAAGGGAAGAAGAGGGGTTGGAAAGAAAACG G GCCAA $\operatorname{C}$ G G G G G G G G G G G G G G A G G A A A A G G G G G G G G A A A A A A A G G G G G G AAAGAAGGGGGAAAAAAAAGGGGAAGGGGAAGGAGGGAAAAAAAAAAGGA CAAGGCCGGGGAGGAGGCAGAGGAAGGAACCGAAAAGGAACGACCGAAAG AAAGGGATTGGTTGAAAAAGAAGGAAAAAAAGGGGAAAGCATTAAAAGAG AA $\operatorname{A} A \operatorname{A} A G G G G G C C G G A G G G A A A A G G A A G G G G G G G G A A A A A A C C A A G G G G$ AAAACCAAGGAGAGAGAACAGAAGGGAGAAAAACAAAAAAGGCCCAGGCA CCGGGGAAAAGGAACCAGCAAAAAAAGGCCGAGGAAAAGGGGGGGAAGAG AGAGGAAAAAAACCAAGGAGGGAAACGAGGAGGGAACCAGAACAGGAAAA CCGGAAAGGGCCAGAGGGGGCGCAGAGGAAAGAGAAGGCAAAGGAAAAAA G G G GACAAGGAAGGGGCCCCACCAAAAAAAAAGGGGCAGAAGGGCCAAAG

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GAAAGGAGGAGAGAACCGACCGGAAGGGGAAGGGGGAGGAAACAGATGG GAAAGGAGAGGAAAGGAAAAGGAAAGGGGGAAGGACGAGGGAGGAAAAG GAAAAAAAACCAAGGCCAAAGAAGGGGGGGGAAAAAAGGAAGGAAAGAGA AAAAAAAACAGGACAGGGAGAAGAAGGACCCGGAGGGAGAGAAAAAGAGA AGGAAACGAGAAAAAAAGGAACCAAGGGGCAAAACAGCACAAGGGGCACG GAAGAGAGAGACGGGAGGGAGAGGGGAAGGGAGAAGGAAAGAGGAGGGA AAAGAAAGAAAAAAGGCCGAAAGGAAAGCAAGAGGGAAAGAAGGAAGGGA AGGGAAAGGGCCGGAAGACAAAAGAAGAAAGGAAAAAAAAGGAGAGCCAA GAGGCCGGTATTCCGGGACCAGGGGAAAGGAAGGAAAAGGGGGGAGGGG GAAAGGGAGAAAGGGGGAGCCAGAAGAAAGGCCAAAGAGAGGAAAAAAGG GAGAGAGGAGGCGAGAAAAGGACGAAGAAGGAAAGGAGAGGAAAAAACCG GGGAGGGAAAGGGGGAGAGAAGAGAGGAAACGGGGAAAAAAGGAGGGAA GGGGGGAGACAAGAGGAGAAAGGGAAGGGGGGAAGGAAGGAAGGGAGGA AGGCAAGGAAGAAAAAGAAGGGGGGGACCCCGGAGGAAAGGAAGGCCCCG GGGAAGGGAGAAGGAGGCCAAGAGGAAAGAAAGGAGAGAAAAAGGGGACC CGAGGCCGGAAAGAGGGGGGGAACCGGCAAAAAGGCCGGAAGGGAGGAG CACCAGAAAAAAAGAAGAAAGGGACCAAGGCCCCGGCAACAAAAAAGGAA GGAAGAGAAGGAGGAGAAGGGGAAGGAACAAGAAGGCCGGAAAAGGAGG AGGAGAAGAGGGGCAAGACAGAGGGAGGACCCCAAGAGGAGAGGAGGAA GACCGGACAGACGGATGAAAGAAAACAGGAAAGAAAGGAAGGGGCCTTGG GGAGGGGAAGGGAGGGAAAGACGAAGACAGGAGGGATTAAAAGAAGCAAG AAGGGGAAAAAAGAAAAAGGGGAAAAAGGACCACCCAAGAACGAAAGAAA AA GAGGAAAAAAAAGGGACCAGGGAAAAGGGGGACAAAAAAAAAGAAGAA CCCCCAGGCGAGGGGAGAAAGGAGAAAGAGGAAAAAGAAAAAGGGGGGCC AAGGAAGGCCGACCGAGAAGGGAGGAGGAGAAGGGGAAGGCAGGAAGGA AGAAAAAGGAAAAAAGGAAAAAAAAAAGGAAGAAAGAAGGAAGAAAACGG AAGCCGGGGAAAAGGAAGACAAGAGGGGGCCAGCCAGGAAGGAGAGACAA GGAGAAAGAGAGGGAAAGGAAACCCGGGGGGGGTTAAAGCGCCAAAAGAA ACCAGGGGAAAGGGGGGGGAGGGAACCAGGGCACAAAGAGAAAGGGGGG GAAAGAAGGAGGGGAAGGGGGGAAGGAGAGAGACGGAAAGCCGAAAAAG ATTGACAACCAAAAACCAAAGAAAGGAAAGGTAAAAGGGAAGGAGGGGGA GCCGAGGGGGGAGAGACAAGGAACACCAAAAAGAGGAGAGCGGGGAGCCC AGGGAAGGGGAGAACAGAAAAAAAAAAGGGAGAACAGAGAGAGAAGGAAG GGGGGAAGAGGGAGGAGAAAACCAAAAAGAGGGAGCAAAGAGGAAAGGGA AGGGGGAGGAAGGGAAGAAGGAAAAAGGAAAGGGAGGGGAAAGGGACAG GGAAAAGGAAAAAGAGGAAAAAACGGGGGAAAGGAGAACCAAAAGGGGGG ATGGGGAACCAAAAAAAAAGGGCGCAAAGGAAGGCAAGAGAAGGGAAGAA GGAGACGAGGGGAACATTAGAAGGAAGAAGGACAGGCAAAAAGAGGAAAG GGAGAACCAAAAAAAAGGCCAACGCCGAGGGGAAGAAACCGGGGGGGGGG AAAAGGAAAAAAAAGGGGAGGACCGGAAAGAGAGGGAGGAAGAAAGAAAC AGAAAGAAGGAAGGAGAAAGGAAATTAAAAGGAGGAAGAAAGGAGAGGAA AAAAAAGGGGGAGAATCCCCAAGGAAGGCCAAGGGGAAAACAAGGGAAAA CCAACCAAGGGAAAAAAAGAGGAAGAAAAACCGGGGCCAGGATAGGAAGG GGGGAAGAAGAGGGGGGAAAGGAGAGGGGGAGGACCAAACAACCGGAAG GGGAAGGAAAGGAAGGAAAGAGGGGAGGGGGGGCCAAGAGGACAAAAAG GGGGGGAGCAGAAACCGAAGGGAAGGAAAAGAGGAGACGGAAGAAAAGG GGGAAAATTAAGGAAGAGAAAAAAGGGGGAAGGCAACAAGGGAAACAAAC CCAACATAGAGAAAGAAGGAACCAAGGAAGGAAGGAGAAAGGACAAGGAC CAAGGGGCCGATAGAAAGGGGCCAAAAGGGAGAGAAAAAGGAAGGAAAAA A G G G G G GCCGGAAAAGGGGCAACAAGGGAGGAGAAAAGGGAGAGAGGAA GAAGAAAAAGAAAAAGGAAAGGAAAAAAGAACCCGGAAAAAAGGAAGAGA GGGGGAAAAGACAAAAAAGGGGCAAGAAAAGGAAGAAAGAGGGAAAGGAA AAAAGGAGGACCGGGAAGAGAAGGAGAGAAAAGGAAAAAAGGGGAGGGG GAAGGGGGGTTAACCGGCCAAGGCCGGTTAAGGAAAAAAGGAAGGGGAAA AAAAAAAGGGGGGGGCCAAGGGGGGGGGGGGAAGGGGAACCGGAAAAGG AA GGGGAAAAAAGGCCAAAAAAAAAAAAAACCCCAAAAAAAAGGGGAAGG AAAAGGGGAAGGGGAAGGGGGGAAGGAAAAAATTAAGGGGGGGGAAAAG GAAAAGGCCAAAAAAGGAAGGAAACGAAAAGAAGGAAAAAAAAAAAAAAG GAAGAAAAAGACAAAAAAAGGAGGAAAAACAGGAAAAAAAAGAGGGAGGG GGGAAGGGGAAAAAGGGAGGGGAAACCGAAGACGGAGGAGGAAAGGACC CCCCGGGGGGGGCCAAAAGGAAAAGACCAAAGGAAAGGAAAGTTACGGGG

AACCAATTGGGGGGGGGGGGAAAAAGGGGGGGAAGGAGGGAGGACACAG A G GAGGGAAGGAACCAGAGAGGGGGAGAAGGCACCGGAAGAGAAGAGGG ACAAAGAGGAAAAAGGACCCAGAGAAGGAAAAGGGGGAGAGGAAAAGGAA AAGGGAGAGGAAGGAACCAGCAGGAGGAAGAGAAAGAAGGGGAAAGAAAG AAAAGGGGGAAGCCGGAAAAGGGGGGGGGAAGGGGGGAGGCCAAAGAGC ACAAAAACAAGGGGGAAGGAAAGGAGGCCAAAGGGAGGAAAACCCGAGGA GAAGGGGACCCAGGGAAAAGGAAGAGGAGAAAAAAGGAGAAAGAACCGGG GGGCCCCAAACGCCCAAGGAAAAGGAAGGAAAAAAAAAAGGAAAGAGGGC CAAGAAGCAGGGGGACCACGGAGAACCGGGGGGGGAAAAACGGCCGGGG AAGACAAGGGGAAGAGGAAGAAAATTCCAAGGAGAGGAGGACAAAAGGCC GGGGAACCAAAGGGGAGGAAAAGGAGAGAGAAGAGGGGGGAAGGCCAAC CGGGGAGAGAAGGAAGAGGAGAAGGAAAGAGGGGAGAAAAAGAAGAAGG GAAGGGGAGAGAAAGAGAAAAGGGGGGGAGGGAAAAGCAGGAGAAGGGG GGGGAAAGCGGGGGGAAGGGAGGAAAAGAGGGGGGAAGAAGAGGGAAAC AGCAGAAACCGGGGAAGGAAGGAGAACCGACCGAAGGGAAAGGGAAAAGA AGGACCAAAAAGGGAGACGACGGAACAACCCCAAGGAAAAGGAAGGGGAG CCACGGCAAGGAGGCCAAAGAGGGGGGAGGGGGGAGGAAAGGGGAACAG A G G AAA $\operatorname{GAAA} \operatorname{A} \operatorname{G} \operatorname{GAAACGAGGAGCAAGGGGGAAGGAAGGAGGGAGAGAA}$ AACAGAGGAAACAGGAGGGGAGGGAAGGCCGGAGAAGAAAAAGGAAAAAA G GAA GAACGGGAGAAGAACCGGGGAAGGAAGGGGGGGAAAAAGGAGGGC ATTGGACCCGGACGAAAAGGGGAAAGGGGAGGGAGGAAGGAACGGGGAA GAAGAAGGAAAAAGGGAACAGGAGGGAAAAGGGCAGGGAAAGAAAAAAAG GGAGCCCAAAAAAGGAACGAAAGGAAGGACAAGGAAAAAGGAAGAGGAGG G G G GAA G G G GAAGAAGCACCAAAGGGGGGGAAAAGGGGCCCCAAAAAAAA AAAAAAAACCAAGGAGAAGGAAAAAGGAGGAAAGCACCAGAAAAAGGGCC A G G G G G G A GAGAAGAACCAAGGGGAGAAGGTTAGTTGAGGGGGGAAGGA A G G G G A G G G G G GAGGGGAAAAGAGGAAAGGACCGGGGGACCAGAGAAGG AGAGAGGGAGAAGGAAGAGAAGGGGAGAAAGGAAGGGGGAAGGGGGAAA AAACCGAGGATAACCCAACGGGAGGGGGAAAGAAACCAGGGAAAAGAGGA GAGAGGAAGAGACAACCCCAAAAGGGGGGCCCCCCGAGGCGCAAAGAGCG AGGAGGACCGGAGGAGAAGAGAACCGGAACAGAAGGAGGCCCCGAGAAAA AGGACGGGGAAAAGAAGAGGGAAAACCGGGGGAAAGGGGAAGGGGAACC G GCCTTGGAAGAAAAGGGAAGGGGAAAAGGCCGGGGGGAGAAAAGGAAAA GGGGAAAAAAAAAACCGGGGAAGGAAAAAGGGCCCCAACCAAAAAAAAGG G G G GAA $\operatorname{l}$ GAAGGGGGGAGGGCCCAAGAGGGGGAGGAGGAGAAGAGAAAG AGAGAAAAGAAAGCCAAGGGAAAGGGAGAGGCCACAAGGCCGGGAAAGGA CGGAAAAGAGGGAAGAAGAGGAAAAAAGGGGGAAGCCGAAAGGGGCCAAA C C CAAAAAAAAAAAAACGGGGAAAAGGAAAAGGGGCCGGATAGGGAAGGG GAAGGAAAGAAAGGAAACCAAAAAAAACCCCCCGAAGAGGGGGGGCCAAG ACCAAGGGAAAGGGGGGAAAAGGGGTTGGGGAGAAAAAAGAAAACAAGAA CAGCAAAGAAGGGGGAGAAAAGGAAAACCGGGGCAGACCGAGAGAGGGGA CCCCCAGAAAAAAGAGACCAAAAAAAAGCGGAAAAGGAGAAGGGGAACAC CAGAGGGAGAGAGACTAAGAGAGGAGGGGCCGAGGAGGGAAAAGGAGGG AA G GAGGGGGCCGGAAAGAGAGAGGGCAAGGGAAGGGGGGAAAAAGGAA GCCCCAGGAGGAGAAGGAGGGAAGGGGAAAACCAGAAGGGAGAGGGAACC AGAGGGGGAAGAAGGAAAACCGGGGGAGGCCGAAAAGGAGATAACGGAAA AGGCATTGGGGAACCGGAGAAAAGAAAGGAAAGGGAAAAGGCCGAGGAAA ACCAAAACCGGGGAAAACCAAAAGGGAGGAAGGGGAAGGGGAAAAAGGGG G GAGGAGAGGGAAAAAAGGTTAAGGGGAAGGCGGGGGAAAAGGAAGGCA CCGAGAAGAACCGGGGAAAAGCCCAACCGGAGAAAAAAGGAAGAAAGGAT CCGACCACGAAGCGAGACCCAGGAGGGACCGGAAAAAGAAGGGAAGGAAG
 G G G G ACCACGAAAAGGGAGGAAAAACCAAGGCCTTGGAAGAACGGAAAGG G G G G G A A G A GAGGAAGGAAAAGGCCGGGGAGGAGAGAGGAACGGAGAAG ACGGAGAGGGAGGAGAACACGAAGAACCAGCAAAAAAAGGGGAAAAGGCC AAAAGGGGAAGGAAAAGGAAAGAGAAGGCCAGGAGGAAAAAGCCAAAAGG CCCAAGGGAGAAGGCAGGGGGGAAAAGGACAGAAGAGGCAGGAAAAAGAA G G G G A A G G G GAA $\operatorname{G}$ GGGGGGGAGAGGGAGGAGGAAGGAGAAGGAGAACCG
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 GATTGAGAGAGAAGAGAGAGGAGGCCGAAAAAAGAAAAACGAAAAAAAGG ACAATTGGAACCGAAGAGAAAGAGAGGGAAGGGACGAGAAAGACCAGAAA GAAAAGAGGGGGGAAAAAAAGGGGAGGGACAAAAGGAGGGAGGAAGAGA AA $\operatorname{GAGAGGGACAAGGCCCAGGAGAAAAGGCAGAACGAGGGGGGGAGGAAA}$ G GAGGAGGGGGAAGAAACCGAGAAACCAAAAAAAACCGGGAAGAAAGGGC AAATTGGAGAGGAAACCAGAAAGGACCAAGGGGAAGGGGCCAACGAAGGA G GAGAAAGGGAGGGACGAGAAAGGACCGGAAAGGAAAAGAACCAACCAGA AAAAAAAAGGAGAAAGAAGGGAAAAGGAAAGGCGGAACCAAGGAAGGGGA AAAAAAGGAAAAAGGAAAAAAGGAAAAGGGGAAAGAGGGGGGAGAAAGAG G GAAA G G G GAA G G G GAAGGAAGGGGGGAAAAGGAAGGAAGGGGGGGGGG GGGGAAAAGGAAGGAAAGGGGGAAAAGGAAAAAAGAAGAAGGCGAAGGG G G GCAA G G GAGGAGAGAGGAGGCAAGGGGGGGGGAGGGGAACCAAGGGG GAGGAGGGCAAGCCAGAAAGGGAAAGGGAGCAGGAGAACCGGATAAGGAA AGAAAAAAGAAGAAGGGGAAGGGGAAAACCGGAAGGAAGGGGAAGGCCAA G G G G G G G G C CAA $\operatorname{l}$ G G G G G G G G G G G G G G GAAGGGGAAAAAAAACCAAAAA
 G GAAAAGGGGGGGAAAAAAAGGAACCAAGGAACCAAGGCCCCGGAAGGAA G GAAGGAAAAAAAAAAGGGGGGAAAAAAGGAAGGGGCCGGAAAAGGAAGG TTAAGGGGAAAACCGGGGAAAAGGGGGGGGAAGGAAAAAAAAGGGGGGG GGGAAAGACAAAAGAAAGGAAGGCCGGCCAAAAGGAAGGAAAGCAAAGAA GAGAGAGAGAGAAGGAGGGGGGAAACAAGGGGGCCGGGGAAAAAAAACCA AAAAAGGCCAAGGAAAATTAACCGGCCGGGGGGAAAAGGCCAAGGCCGGA AAAGGGGCCAAAAGGAAGGGGAAGGAAAAGGAAAAAAAAGGCCAAAAGGA AAAGGGGGGAAAACCAAAAAAAAGGGGAATTGGGGGGGGGGAAGGGGCC AAGGAAAAGGGGCCAAAAAACCGGAACCCCCCGGGGGGAAGGAAGGGGAA GAGGAAGGCCCCAGGGGAGGGAGGAAGAAGAAAAGAAAGAACAAGAAAAA TAAGCACCAGAAAGGGGGAAAAAGAAAAGAAGGAAGAAGGGGAAAAGGGG AACAGGAGAAAAAACCGGACAGAAAGACAAGGCCGGAAAAACGGAAAAAA AGGGGGAGGGAAGGAAAGGGGAGACAGGGAAAGAGGAACCCCGGGCAGA TGAGGGAGAGAACAGAAAAGCAAAAGGCAAAAGCCGGGGTAGGAAGGGGA AAAAAAGAGAGGGGGAAAAGGAGCCAAACGGACGAGGAAAGGAGGGGAAG GATAGCCAAGGGGGGCCTTCCGGCCAAGGAGAGAGGAAGAAGGAGAGAGG GAAAAGGCCAAAAAAGGCCGGGGGGAACCGGAAGGAAGGAAAAAAGGAAA AGGCCGGGGAAGGGGAAAAAACCAAAAAAAACCAAAAAAAACCAACCGGG GAAAACCCCAAGGAAAAGGGGGGGGGGGGCCGGAAGGGGAAAAGGAAGG GGAAAACCAAGGAAAACCAAGGAAAAAAGGAAAACCGGGGGGCCAAGGAA G GAAGGCCGGCCGGGGGGCCGGAAAAAAAAGGAAGGAAAACCCCAAGGCC AAAAAAAAAAGGGGAAAAGGGGAACCGGGGGGAAAAAGAGAACAGGGGAA GGGGACCCAAGGAACAAAAAAAAAAAAACCGGGGGGAAGGGGAAAAGGCC GAGGGGTAACAGCCAAAAAAGGGGGAGGAAGGGGAAAAGGGGGGCGGAA ACAAATTGCGAGAACGAGGAAGGACAAAAGAGGGAGGAGGGGGGGCCGG GGAAGGAACCAAAAAGACGAGACAGGAAAACAAAGAAAGGGGGAGGAATT GGGGAACCAATTGGAAAAGGAAGGGGAAGAGGAGGAGGAAGGGGAGAGG

AA GAAAGGAAACCGGGGAAAAGGAAGAGGAAGGGAACAGACAAGAGAGGC AA $\operatorname{l}$ GGGGAAGGAAAAGGAGCCAAGGGGCCAAAAAAAAGGAGGGGGAGCCA ACAGACACCGGGGGGAAAAGGGGAAGGGGAAGGAAGGGGGGGGAAAAAA CCAAGGAAGGAAAACCCCAAAAAAAAAAGGGGGGAACCGGAAAAAAGGAA GGAACCCCGGAAAAGGAAAAGGGGAAGGAACCAAAACCGGAAGGCCAAGG GGAAGGCCAACCCCCCGGCCGGAAGGCCGGAAAACCCCAAGGAACCAAAA G GAACCGGGGAACCGGGGGGGGGGAAGGAAAAAAAAAACCGGAAAAAAAA AAAAAAAAGGGGGGCCGGGGAACCCCGGAAAAGGTTGGGGAAGGAAAAGG AACCGGTTCCGGGGCCGGGGGGGGAAGGGGAAGGAAGGAAAAGGAAAAA
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 G GAAGGGGGGGGAAGGGGGGGGGGCCTTGGAAAAAAAAAAAAAAAAAACC GGGGAAAAGGAAAAGGGGAAGGAAAAGGAAAAAAGGCCGGAAAAAAGGAA CCGGGGGGCCAAGGGGAAAAAACCAAAAGGGGGGGGAAAAAACCAAGGGG AAAAAAAAGGAAGGAAAAGGAACCGGGGCCAACCGGGGCCAACCGGAAAA GGGGAAAAAACCAAGGGGCCGGAAAAAAGGAAGGAAGGGGAAGGAAAAAA GGAAGGGGAAAAGGCCGGAAAAGGAAAAGGCCGGGGAAGGAAAATTGGG GAAGGCCGGGGAAAAGGGGAAAAGGGGGGAACCGGGGAAAAGGAAAAAA GGAAAAAACCGGAAGGCCGGAAGGGGAAGGAAGAGGAAAACCAAGGGGAA CCGGGGGGAAAAGGGGAAAAAAAAAAAAAAAAAAAAAGGAAAAGGGGGGCC G G G GCCAAAATTGGAAGGAAGGCCGGAAAAAACCAAAAGGGGGGGGGGG G G G G G A A A A G G G G G GCCGGAAGGCCAAAACCAAAAAACCAAGGGGGGGGA AGGAAGGCCCCAAAAAAAAAAGGAAGGGGAAGGAACCGGAAGGTTAAGGC CGGAAGGCCAAAAAAGGAAAAGGAAGGAAGGAAAAAAGGGGAAGGAACCC CAACCGGGGCCGGTTTTAATTAAAAAAAAAACCCCAAGGAAAAGGCCAAAA GGAAAAAAAAAAGGAAAAAACCCCAAGGAAAAAAAAGGAAAAAACCGGGG GGAAGGGGGGGGCCGGGGGGAAGGGGAAAAGGCCAACCGGAAGGAAGGA A G GAA $\operatorname{A}$ GGGGGCCAAGGAAAAAAGGAAGGAAAAAAAAAAAAGGGGGGGGG GAAGGAAGGGGGGAAAAAAGGGGAACCCCAAAAGGGGAAAACCCCAAAAG G G G G G G G CCGGGGGGAAGGAACCCCGGGGGGCCAAAAGGCCAAAAAAAAA A G G G G G G AAAACCAAGGGGCCGGGGAAAACCGGGGGGAAGGCCAAAACCG GAAAAGGCCGGGGGGACAGGAGGACCAGGAGGGAAGGAGGAGGGGAACA G GA $\operatorname{GAA} \mathrm{A}$ GAGAAAAGGAAGGGGGGGATTAGAGCAGGGGAAAAGGGGAGC CAAACAAGAGAAGAACCGAAAAAATAGACAAAAAGGAGAGAAAAGAGAAG GAGCCAGAAAAGGAAAGAAAAAACCGGAAGGAAAAGGGGGGAAAGAGAGG GAGGAGGAGAAAGGGGAAGGAAAGGGAGAGGGGAGGAAAGAAGGAGCAA CCAAAGGAAGGAGGGGAAGGAAGGGGAGGAGGGGTTGAAGCAGGGAAGA AA $\ln A \operatorname{GGGAA} \operatorname{GACCGGGGGACCGGAAAGAAAAAACCCCAGACGGGGGGGGG}$ GAGAGAGGACCAGGGGAAGGAAAAGGGAGGGGAGGGGGGGGAGGGGGAG GGGAACCGGAGGGGCCCCGGGGAAAAACAGACGAGAGGACGGGAGGGAA GAGGGGAAAGGGAGAGGGGAGGGAAAAGGAGGAGAAGAAAGAAGGGGGG AGAAAAGAGGGAGAGAGAGAGAGGGGGGGAGAAAAAGGAGGGAGCCAAA AGGGGAAAAGACAGGGGGACCGGGAAGACAAGGGGAAAAAAAACCGGAAG GGGAGGGCCGAAAACGGAAAAAAAAGGGGGGAAGGAAAAGGGGGGAAAA GGGAGGGGAAAAGAGGCCTTAGGAAAGGAAGAGGAAAGGGAAAGAGAGA G G GAACCAAAGGGAAGGCCCCGACCAAGGCCGGGGGGCAAGAAGGAGACA G GAAAGAGAAAAAGGAGAAACAGGAAGGGAGGGAAGGAAGGAAGGGAGG CCAAGGCCAAAAGGGAAAAACAAGGGAGCAAGGGAGGAGGGGCCAAAAAA AAAAAAGGAAAGGAGGGAGGGGCCGGGGGAAAGGGAGAGAAAGGAAGGA A G GAA G GCCGGAGAAGGACGAGGGGGACCAAGGGGGGCCGGGAACGAAA AAA $\ln A A G G A A G G G G A A A A A A A A A A A G G G G G A A G G G G A A G G A G G A G G A G A A$ AAAAAACAAGGGAAAAAAGGGGAAGGAAGAAGAACCACAAAAGGGGCCGG AGCCCCAGAAAAAAGAAAGGAAGGGGGAGGGACACGAAAGAAAGACAGGG AGAGAAGAGGGGAAGAAAGGAACCAAGGGGAAAGCCAGAAAAGGAGGGGG AAAAACAAAAAGTAGGCAAAGGAAAACCGGAGAAGGCCAAAAAAGGAACC GGAAAAAGCCATGCGAGAAAGAGGGGGGCCAAGAAAAAGACGGGCAAAGG ACCCGGAAGGAGGACCAAAGGAAGGAAGCCGAAGCAGAACGGAGAGAATA GAGAAAGGGGGGCCAAGGGAGGGAGAGGGGGGGAAGGGGGAGGAAACAA

G GACCACCCAGGAAGAAGGAAAAAGGGGGAGAAAAAAAGGGGGTAGAGGA AACGAAAGAGACAAGGGGAAAGGACGAAACAATAGACGGCAGGAAGGAAA AAAGGCGGGGGACAAGAAGGGACAGAGGGAGAAGGCAAGAAAAAAGGGAG GAAACAAGAGAGGAGGGGAGGCACAGGGAAAGAGAAGGGAGAAAAAAGGG GAACCCCAACCAAAAAAGAGGCCAAGGGGAGCCAGAAAAAGGGAAAAGGA AACAGGGAGAAAAGGGGAAGGGGAACCGGAAAAGGAAAAAATTAAAGAGG GAAGGAAGGGAAGGGAGGGCCAAGGAAAAGGGGGGGAGGAAGCCCAAAA CAAAAGGGAACCAAGAGGAACCGAGGAAAGGAGGAAGGGGGGAAAAAAGA AA $\operatorname{GAAAAGGGGAAGGAGAGAAAAGGGGGCCAAAGGGAGCAAAGGAAGGGA~}$ GCGAAGGGAGGGCAAAAAGGGGAAAAAGGCGAGGGGAAGGACCCAAAAAA AAAGAAGGACCAAGACAGAGAAAAAGGAGGGCAGCCGGAACCCCAAAAAG GGGGAAAAGGGGAAAGTAGGAAGGGAGGGGAGAGGAGAGAAGGAAGACC CAGGGGGAGAGGGAAGAGAACTAGAGGAAAGCAGGAAGGGGGGGAGAGG AGAAGAGGAACAAGAAGGAGGGCAGGGGGGAAGGGGAGCAGGAAGGGAG G G G G G G G G G ACGAGGGGAACCAAGGAGCAGAAGGAAGGGGGAGAGAAAA GGCCGGAAAAAAGAAAGGGGAAGGGGAAAACCCCGAGGAAGAGAAGGGAA AGGAGAGAGGAGAAAGAAACCCCCAAAGACAGAAAGAAAGAAAACCCAGG GAGGCAAGAAGAGAAAGGAGGGGGAGGAAGCAACGGCAGGGGAAAAACG GAAAAAAGGACGGCACCGAGGAAGCGGAAGGGGAAAAAAGGAGACCCGAA AGGGGAAAACCGAAAGGCCAGAGAGGGGAGAGGACAAAGAAAACCGACCG GCCCCGGGGCCGAGGAAGGGGGGCCAGGGGGAAAAGGAGGAAAGGGAAG G G A G A G G GCCAA G GAGAGGGGGGGAAGAGAACGGTTAAAGGGAAAAAAG G G GCCGGAGACGGGGAGAAAGCAAACCCAGGGGAAAGCCAAGGAGAAGGG GAAGGCACCAGAAAAGGCAAAGGCCAGACGGGGGAGGGGGGGGGGGGGA G GAAGGGGGGAACACCAGAGAAGGAGGGACCAAGAAACCCAAGGAAGGGA AGGGGGCACCGGAAAAGGAAGAGGAGAGCAAGGGAACAAGCCGGAGAGG GCCAGAGAAGGAGAGAAACGGGAGAGGGGCCAGGGGGAAGGAAAAGAGA GAAGAGAGAAAGGGGAAGAGGGAGGGAAGGAAAAAAGGAAGGCCCCCCGG G GCCAAAAGGGGAAAAAAGGGGAAGGGGGGCCAAAACCAAAAAAAAAACC GGAAGGAAGGGGAAGGAAGGGGAAGGCCAAGGAAAAAAGGGGAAAAAAG GGGAAAACAGAAGGGGAGAAGGAGGGAAGAAAAAAAGGGGGGGGGGGAA AAAAAAGGAAGGAAGGGGGGGGGGGGCCGGGGGGGGAAGGGGAAGGAAA A G G G GAA G GAAGGGGAAGGAAAAGGAAAAGGGGCCAAAAAAGGGGAAGG GACCGGGGGGGGAAAAAAAAAAAAGGAAAAAACCCCCCGGAAGGAACCAA CCGGGGGGGGAAAAGGAAGGGGGGAAAAGGGGGACCGGGGCCAAGGGGA AAACCAAAAGGGGGGGGAAAAGGAACCGGGGGGCCGGAAAAGGAACCAGA A G G A G A AAAAAGCAGGGACAAAGCGGGGGGAGAGACCGGGGAGGGAAAA G GAA $A$ A G G G G G G G A A CAACCGGGGCCGGGGGATTAAGAAAAAGGGAGAG GACAGCCGAGGAACACCAGGGGGGAGGAAAAGGAGAAGGCCAAGACCAAG GAGAAAAGAGACAGGGGAAAAGGAAGGAACCGAACCCGGCCAGGAAAGAG GGGAGCCCCCCAAGGAAGGAAGGGAGCGGAAGGAAGAAGGGAGCCAAGGA AGGAAAAGAACGGGGAGGAGGAGGGAGGGCCAGAAAAAACCAAGGCCAGA G G G CCGGGGAAAAGGAGGGGGGGGGAAGGGGGGGGCCGGGAGGCCAAGG GCGAAAACGGAGGAAACCCCGGGGAGAACCAACAGGGAAGGGGGGAAGAA GGAAGGCCGAAAGGGGAGGAAAGAAGGCGAGGGAGGGAGGAAAGGGGAG GAAGGACTAGGAGCCAAAGAGAGCAGGGAGAAAGGCACAGAAAAACCAGA CAAAGGAAAAAGAAGAGGGAAGGGATAAGGAAAAGGGAAAGAGGAGAGGA AA G G GCCAAAAGGAGAGGGAGGGCCAAAAGGAAGGAAGGAAAGACAAGGG AGACAGAGAAAGAGAGGAAAAGGCCGGAAGGAAAAAAGGGGGGAAGGGGC CGGAAGGAAAAAAAAAAGGGGAAAAAAAAAAGGAAAAGGGGAAAAGGAAA
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 G G A G A GA GA GAA G G G GAGGAACGGGGGGGGAAAAGAGGAAGGGGAAAAG
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GAAGGGGGAGGGAAACGAGAGGGAGGGGGAAAAAAAGGAAGAACAGAAG A GAA G GAACCAGAGGGAGAGACAGGGGGAAGAGACCATGAGGAGAACCAA G GAA $\ln$ AGGAGAGTAGGAAAAGGCAAGAGGGAAGGAGGAGAGGAAAAGGA AAAGAAGACGAAGCAAGGGGGAGCCAGGAAGAAAAGGAGGGAAAGGGAAG GAGGGAAACGGAGGAGAGAGGCAAAGAGAGAGGAAGAGAGGAGGGGGAA G G G A A A A G C CA $\operatorname{l}$ GAGGGGGGGGGAGGAAGAAGGGAAAGAAGGACAGGGA G G G GAGAAAAGAGCCAAGAGGAGAAGAGAAGGGAAATCCAAGGGGGGGG A GAA $\operatorname{A} G \mathrm{G}$ GAGAGGAAGAGGGAAGGAAGGGAAGAAGGGGGAAGCCGGGGA AAAAAAAAAGAGGCCGGAAGAAGGACAAAAACCGGGGGGAAGGAGCAGAG AAAAGGGAAAAAAAACCCCAAAGGAGGGAGGGGAAGGGGGGAAGGGGAAA AAAGGGGAGAAAAGGGAAGAAGGAAGGAAGGCAGAAAAAGGTAAGCCAGC CAAGGGGAAAAAAAAGGGGGAAAAAGGGGCCGGAACCAGAAGGAGAGAAG AAGGAAAGAAGCCGAGAGGAAGGGAAAGGGAAAAACCTTGAGGAAAAGAA CAGAGAGGAAAGGACACGGAAGGAAGGAAGCGGACAAAAGGGAGAAGAGG GGGGGAAAGAGCAGGGAGAAAGGGGAAAAGGAAGACAGGAAGGGGGGAG GAAGAACCCCGCCCACAAGAACGAAACGAAAAAGAGCCAGAGACAAGGAA G G A G A GA G G G GAATAGGGGAGGGAAGAGGGGGGGACCCAAAAAAGGCCA A G G GACCAGGGAAGGCCAAAGGAACGGGGGAGGAAACAAAAAAAAAGAGA TAACCAAGAAGAAGGAAGGGGGACAGGAAGGAAGGCGCCAAAAAATTCAG GAGGGGGAAGGAAAAAAGGAAGGGGGGGGGGGGAAAAGGGGAAGGAAAG CCGAGACCAAGACCAAAGCGGGGAGGGGAAGGGGGAAGGGAAAAAGGAG G GA GACCGGGGAAGGGATACAAAAAGAGGGGGGGGGGAAGGGAGAAGGG AGGAAGAGCCAACCGGGGCCGGGGAAAAGAGGAAGGGGAGAGAAGGCCG GGAGGGGAAAAAGGAGGGACACCAGGGGGGGGGAGAACCGGCCGGGGGG AA $\operatorname{GACAAAGGGAGGGGGACCGGAAGGAAGAGGCAAAAGAACCAGAGAAGG}$ AAAACCGGAAAAGGGGAAGGAAAAAAAAAAGGAAAACCGGGGGACCGGAG CCGGGGGGCCAACGGGACAAAGGGAAGGAGAAAAGAGGGGGGGAAAACCC GGCAAAAAAGGAGGAGGGCAAAGGGGAAAGGGGAAAGGCCAGGAAAAGG G G G GAA GAAGGAAGGAGGGAAAAAAAAGGCAGGAGCCGGAGAACCAAAAA AGGAAGGAAGGAAAGAAGGCCAAAGGAAGCCCAACAAAAGAAAACGGCCA CGGAAGAAGGGGGAAGAGGAAGGGAGGGAAAAAAGAAACCCGGGGGAAAA AA $\operatorname{A} A A G G G G A A G A G G C C A A A G G G G A G G A A G G A G G A A A C C G G G G G A A A A A A$ A G GTTGGAAAGGAGAGGAGAGGGAGGGGAGGAAGGAAGGAGGGAGGGGG G GAA $\operatorname{GAGAAAGGGGAGAAGGAAGAACAAACGGCCGGACGAGAAAAGCCCC~}$ AGCCGAGAGGGGAAAAAGGGGAAAAAGGCCAAGGAACCCCGGAAGGAGAA GGGGGCGGGGCCGGCCGAGGAAAGAGAGGGAAAAAGCAAGAAAAACGGA G G GAA $\operatorname{GAG}$ GAAACAGAAAGAGAGAAGGGGAGAAAAAAAAGGAAGAAATTA GAAAAGGAAAAGGGAAAGGGGAAAAAAGAAGGGGACAAGAAAGGGAAGGA GAGGGGGAAGGGAGGAAGGGAGGCAGGGGAAGGGAAAAAGGAAAAAACC AAAAAAAACCGGAAAAGGGGGGGGGGGGGGAAGGCAAACCGAACGACCAG AAGGAAGGGACCAGGAGGAAAGGAGGAACCAAACCCAAAGAAGAACGGAG G G G GAA G G G GAAGGGGGGAAGGAAGGAAAGCAAGGCCAGAAAAAGAGGA GCACCGACAAGAGAAAGAAAAACGGGAACAACCGAAAGGAGGGGGGGGGC CCCCCACGGGGAGAAGGGAAGACAAGGGGAAGGAAAGTAGGGGGGCCAGA GGGAAAGAGGGAACCAAGAGGAAAAGGGGGGCCAGAGCCAGAGAAAAAGA AGGGGGGAAAAGGGGGGAACCGGGAAAGAGAAAGGAAAAAAGGGGAAGA AGGGCCGAGGGAGAGGGGGAGGAGAGGAGGAAGAAAGAAAAAGGAAGGA CCCAGAGAGGGAAGACCGGAAGGAGAGAGAAAACCGAACAGGGTAAGAGA GACGAAAAACCCAGAGGGGAGAAGAAGGAGAGGGGGAAGGGGGAAAAAAG GAGAAGGAGAGGAAGCAGAAAAAAAAGAGGAAGGGAAAAGGGAAACCGGG A G ACCGGGGAAGGAAGAGGAGGGGGGGAGCAAAGAAGCCCCAGGGGAAG GACCGAGAGGCCAAACAAAAGAGGAAGGCCAAGGAGAGGGAAGGAGGGGG AAAGAAGGACAGAGGAAAGGCCGGAAGGAGGAGGAAAAAAAGAACCAGAC G GAAAAAAAAGGGGAACCAAAAGGGGTTGGCCGGAAAAGGAAAAGGAACC AAAAAAGGAAGGGGAAAAGGGGAAGGCCGGAACCAAAAAAGGGGAAGGCC G G G G G GAAAAGGAAGGGGGGAAAAGGAAAGAAAGCCCAGGGAAGGAAGA AGGAAAAAAAAAACCGAGGCCGGAAAAGGAAGGGAGAGGCCAAAAGGAAG AAAGGAGGGGGAGGAAAAGAGGGAACAAAAGACGGGGGGGGAAGGAAAA AAAAAAGGCCAAAGAACAGGAACACCAGGGGAGAAAAAAGGAGGATGGGG AACCGGGGGAGAAAAAGAGGGGGGAAAAGAGGAGAAGAAAAAAAAGCCGG AA $\operatorname{A} G \mathrm{G}$ GAAGGGAAAGGAAAAAAGGCCAAGGGGGGGGAAAGAAGGCCAAAC

CCACGCGGGAAAAACAGGAAAAAAGGAGAGATAACCGAAAGGCCAAAAGG GGGGAAAGGGGGGGGGAAAAAAGGGGGGGGAAGGGGGGAAAAAAGGAGG GGGAAGAGAAAGGGGGGGGGGTTAACCAACAAAAACCGGGGAAGGGGAG AA GGAGAGCCAGACAAAGACAGGGGGAGAGAGAGAAAAAAAGCAAACAAA AGGAAAAGGGGAGGGAGAAGAACCGGAAGGACGGAAAAGGAAAAAGAGAA CAGGCCAAGGGGAAAAGACAAAGGCCGGGGAAAAAAGGCCGGAAACAAGA ACAGTTGGAAGGGGGGCCCAGGGGCCCCAACCAAGGAGCGAGAAGAGGAA GGGGAACCAAGGGAGATTCCGGAAGGAAAAAAAGAGGGGGGGCACAGAGG ACGGAACAAAAAGGGACAAACCAAAAAAACGGAGAGAAGGCAAAGAGAAA ACGGAGGGGAAAAAAGGGGGGGAAAAGGGGAACCAAAAAAGGGGGGGGA AGAGAAAGAGAAGGAGAGGAGAAAAAAGGCAAAAACCAAAGGGCCGGAAA AAAAGAAGGGGAAAAAGGGAAGGGGAGAGAGGGAAGAGAGGAAAAGGCCA AAAGGGGATAGCCAAGGGGAACCCCGGAAAAAGCCAGGACAAAGGCCCCA GGGCACCGGACACGGGGCAGGAAGAGAGGGGGGAAGGGGGGGGGGATAA GGGGCAAGCAAGAGAAGGAGCAAGAAAGAGGAGGAAGAAGGGGGAAGGA AGGGAGGAAGGGGAAAAGGGGAGGGAGAAAAGAAGAGAAGGAAGGAGGG GACCGGCCAGGAAAAACCCCGGGGGGAAGCGGAGGGCACAAGGGGGGGG GGGGGGAAAAAAAGAGGAGGGAAAGAGAAGGAAGGAAAAAGCCGGAAGG GGAAGAGAAGGGGGAAACGGCAAGAGGAGGAGAGCCGGGAAAATGAAGG AGGAAGGGGGGAAGAAGAAGGGAGGGGCCGGAAAGGGAAGGGGAAGGGA GAAGGGAGAGAAGGGAAGGAAGGGGAAAGGAAGGGAAGCCAAGGAAAAA GGGAACCAGGGAAACAGGGAAAGACGGAAACAAGGGGAAGAGACCGAGGA AGAAGAAGGGGAAAGCCAGACGGACAAAGGGAGAGACGGAGGAAAGACAG AGGGGGGGGGGGGAAGGGGAGGGGGGGCAGGGGGGAGGGGGAAAACCAA A G GAGGAGAACAGGCAGGGGACGGGGGGGGGGAAGGCCGGGGCCGGCAC CGAGAAGCCGAGGGGAGGGAGAAGGAACCAGAACCGGGGAAGAAGCCGG GGGGGGGAGGCCAAGAGGCCGGGGAACCCCGGAGGAGGAAAAAGAAAAG GAGGGGAAAGAAAGAAAGGGAGGAAAACCCCGAAAGGCCAAAGAGAAAGG GCCGGCCAAGGGACAGAAAAAAAAAAAAAAACCGGAGGGAAAAGGGGAAA AGGCCAGGGGAGGAGGACCAAGGAACCGGGAGGAATTGGCCGGGGGGGA AAAAAGACAGGGAAGGACAAAAAAAAAGGGGGAAGAAAAGAACCAGGGAA TAGGGAAAAAAAAACACCGAGGGGAGGGGAGGAAGGGGAAGGCCAAGGG GAAGGGAAAAAAACCGACCAAGAGAAAGGGAAAAGGGAGGGAAAGGGAAA CAAAGGGGGACGGGGAAGGGAACGGAGAGAGCCGAGACCAGGAAGGGGA AAAAGGGGGGAAAAAGAACGCCAACCAAGGAGCGAGAGAACCGACAGAAA GGGAAAGGAAAGAAGGACTTCAGAAAGAAAAGGGGGGGAAAAAAGAAGAA AGAGAACCGGAGGAAGGGAGAAGGGACACCAAGGGGGGAAAAGGAAAAGA GAAGGAGGAGAAAAAGGAAAAAAGACCCAAAGGAACAAAAAAAGGGGGAA AAGAACGAGGGGAAAAAAGGGGGGAGAGACGAACGGAAAGACAGGAAAGG AGACCCAAAGAGAAAAGGAAGGAGGGAAGGCCAAAGAAGGGGCCAGAAGG GACCAGGGGGCCGAGGGGCAAGAGGAGGAACAGGGAAGAGGAGGGAGGG AGAACGAAGAGAGGAAGGAAAAAGAGAGGGGAACCAAGGGGGGAAAGAGG AGAGAAGGAAGAAAAAAGAAAAAAAAGACAACAAGGGGGGGGACAGGGGG GGGGAAGGGAACCGGAAAAAAGGGGGGCCGGAGAAGAAGGGGGAAGGAA AAAAGGAAGAAAGGAAAAGGAGGGCCGGAAAAAGGGAAAAAAGGGGGGGG AAGGAGGAGAAAGGAAGGAAGGGGAAGAAGAAGGGGGAAAAAAAGAGGG GCCAAGGGAAGAAGGGGGAAAAAAGAGGAGGGGAAGAGAGAGAGACCAAA AGGACGAGGGGGAGAAGAAAAAAAAAGAGCAGGAAAGCCAAAAGGGGGAG GAGAGGAAAAAAGAGCCGGAAAAGAAGAGAGGGGAGGGAAAGGAGAAGGA AGAAGAAAAAAAGGAGAAAGGAAAAGGGGCCGGAAGGAAAAGAGGGGGGG AAGAAGGAAGGAAGGCAGGAGGAGGGAGAGAAAAGAAAAGGAAAAAAAAG GGAGGGAAAGGCAGAAAGGACCAAAGGACAAAAGGAACCAAGAAGAAAAG GCCAGAAAGAAAGAGGGGACAACAAGGGAAAAGAAGGAAGGGAAGAAAAA AGAAAGGGGCAGGGGGGGGGAAAGGGGGAAGAACCGGCCAAAAGAAAGG AAAACAAGGAAGAGCAACCAAAAAGGGGGGAACAAAAGAAAAGAGAGACC GAGGAGAAACGGAACCAGAGCCAACCGGGGAGGGAAGGGGGGAAAGAAG GGGGAGGCAAAGAAGCAAGCGGGAGAAAGGGAAGAGGAAGAGAAAATGAG GAAGGAAGAAGAGAAGAAAGAACGAAGACAAGGAAGGGAACGGGGCCGAA AGAGGAAAGGGAAGGAAAAGGGGAAAGACGAACAGGGACGGACGAGGCCG GAAAAGGAAGGGGAGGGTTGGGGCCAGGGGACCGACAACGGAAACAAGG GGCCGGAGGGGAGGCAAGGGACAAAGGGACGAAGCAAGAGACAGAGGAG

G G GCCGAGGGGGAGGAACCAAAACAACCAGAGGCAAAAAGGAAGAGGAAG GAAGGAAAAGGAGAAGGAGAGAAGAGAAGAGGAGGAGGGGGGAGGCAGA GGAGAGGAAGCCGGGACACCAGAAAAAAGGAAGAAGAAGGAGAAAAAGGG AA $\operatorname{A} G \mathrm{G} G \mathrm{G}$ GAGAAGGAAGAGGAAAGGGCCGGAAGGGGAAAAAGGGGGGGC CGAGAAGACAAGGCCGGGGGAGGAAGAGGCCACGGGGAAGGGGAAAAGG G G G GAACCAGACGAGAAGGGGAGGAAGGGAGGAAACAACAGAAAGGAAGG G G G G G G A G G GAGGAAGAGGACCAAAAGACCAGGGCACCGGGAGGAGGGG GACGAGGCAGAGGAAAAAAAAAGAGGGCCAAAAAACAGGGAGGGGAAGGA AAAAAGGGGAGGGAAGAGAGAAAAAGGGGCACCGGAAGGGGAGGAACGG GGCAAGACAAGGAGAAGGGGCACCAAAGAGCCAGGGAAGAACGGGAGGGG AGAGCCGAGGAAAGAGGAAGAGGGAGAGAAAGGAGGAAAAAAAAGGAAAA G G A A G G G G G G A A G G G G G G G G A A A A G GAGGGAGAAACGAGGAAAATAGGG GTAAGGGCAGGGAAAAAAAGGGGAGGGGGAAAGGGAAGGAGAAAAAAAAG GGGGGGGAAAAGGCACAGAAAGACCACAAGAAGGAAAGGAAAAAACCAGG GAAAAGGAAGGGAACAAAAGAAAGAAAGGCCGAGAAAGGGAAAGAGGGAC CAAGCGACCAAAGAAAAGGGGAGAAGAAAGGCAGGAAGGGGGGAAAAGAA CAACACAACAAGGAGGGAAAAGGAACCGGAGAGGGAAAAGGAAAAGGAAG GAAAAAAGAGGGAAAAAGAGGGGCCGGAGCCGGGAAGGGGGGGAAAGCC GGGGGGGGGGGAAAAAGAAAAGCAGAAAGAAGAAAACACAAAAACCCCAA GAGAAGAACAGGAAGGAAGAAAAAGGCCGGAAAGGACCGGGGAAGAAACA GGACAAGGAGATGGAAGAGGAGGAAAGGGGAAGGGACGAAGGGGAAGGC C G G G G GAAGAAAAAAAGGGGGGGAAAAAAGGAAACCAGGGGAAACACAAA GAAACAGAACAGGGGAAGGGGGGGGGGGGGGGGAAAGAGAGGGGGAAAG AACAAGGGGGAGAGGGAAGGGGAATTCAGGGGAAGGCCAACCAAGGAAAA AAGGAACCAGAAAAAAAGAAAAGAAGAGGGAAAAGAAAAAAAGGCCAAGG ACGAGGACCAAAAAGGGAGGAGGGAAAAAAAAGGGGGGAACCAAAAGGCC AAAAAAGGAAAAGAGGGAGAGGGAAGAAAGAAGGGAGGAAAAGAATAGGA AGAAGAAGGAAAGGAAAAGAGGGGAACCGAGAGAACAGGGAAGGGGGGAA AA $\operatorname{A}$ GAAGGCCGGGGGGAAAGAAGGGGGGGGGGAGGAGGCCGAAGAGAGG AAAGGAACCGGAGAGAGCAGAAAGGAGGGAAAAAAAGCCAGGAGGAAAGC CGGAGAGGGAAGAAAGGAAGGGGGGGGGGAAACGACCGGGAAAAGCCGG G GCCTTAGGGCAGGGGGGGGAGAAACAAGAGGGGAGAAGAGGGAAACCG AGGAAAGAAGAGGGAGAAGAAAAAAGAAAGACCGGGAGGAAAAGGAACCG G G GAAA G G GACGGAAGGGGAAAGGGGAAAAAAAAAAGAAACGGGGGGAA GAAAAAAGAAAAAGACGGAGGGGGACCCAGGGGGAAGAAACCGGCGAACA GAAAGGGGGAAAAGCAGACCGGCAGGGGGAAAGGAAGGGGCCAAAAGGA G G GA $\operatorname{A}$ G GAAGGGGGGGAGAGGGGGGGAAGCCGGCCGACAGGCAGAAGAA CCCAGGACGAGAGGGAAGGAGGAGGGGGCCAAAACCGGGAAGGGCCAAAA AAAGCAACCAAGAAGGAACAGGGGGGAAAAGGAAAAAGAACAGGCCGGCC CCCCGGCAGGGGGGGAGAAAAACCAAAAAAAAAAAAGGGGCCAAGGCCCA G GAA $\operatorname{l}$ GGAAGGGGGAAGGAGGAACGAGAGAAAAAGAAAGGAAAGAAGGG GAGAAGAGGGGGGGAAGCAGGGAGAAGAGGAAGAGCAGAGGGGAAGGAG GAAGAAGACCTTGGAGAAGGCGGAGGGGGGCCAAAAGGAGACCCAGAGGA AAAAGGAACCCCGGGGAGAAAAGAGGGGAAAGAGAAAGAGGGGGACCCCA GGAAGGGGCAGAAACCGGGAACAAGGAAGGAGAAAGGAGGGGAGAGGAG GGGGAAAGGAAAGGGCAAACAAAAAAAAAGGGGAAACAGAGAGCAGGGAA AAAGGAGAGAGAGGAACGAAAAAGAGAAAGGGGAGGGGGAACCGGAAACG AA G G A G A GAGGGGGGAAAAAATTGAAGGGAGAAAAGGAAGGCCGGGGGG G G G G G A A G G G A A A A G G G GCCCAGGTTGGAAGGGGGAGACAGAGGGGAAA AAAGGGGACGAAACAGGGGCCAGAACCCAAAGAAGGGGAAAGGAAAAGGA
 G G GAAAGGGAGAAGGGAAGAGGAGGAGGCCGGAGCCGGAGAATAAAAAG GAAGGAGGGAGGGAAGAGGGGCAGGGGAAGGGGGGGAACGGGAGAAGGA G G G G G G G G G G A A G G G G G A A G CCCAAAGGAAAAGGGAAGGGAAGGGAGGA GAAGAAAAGAAGGAGAATACCGGATAGAACCGGGGAAGGGAAAAACCGAA AAAAGAAGAAGGCAAAAGGAAGGGGGGGAAACAAAAGGGAAAAAAAGAGA GGGAAGGAAAAAGAGAGAAGGAAAGACGGAAAACCGGGGAAAAAGGGCAG AAGGAGAGGAACCAACCACCCGGAGGGAAGGAAAACCAAGGAAAAGGGAA AGGTTAAAACCATAAGGAAAGAAAACCCCGGAGAAAGCAAGTTAAAACACC GGAAGGAAAAGGCCGGAAAAACCCCCAACCAGAGAGAAGAGGGGAAGAGA GGGGGGGAGAGAGGAAGGGGAAGGGACAAAGGAGAAGGCCGGGAGGAAG

GAAAAGGAGAAAAGGCAAGGAACAAGAAGAGAAGGAAAAAAGGCCGACCG GGGGAGGAAAAACGGGGGGGGACGGAGCAGGGAAGAAGGAAAAAAAAGG GAAAAGAAGGGGAGGGCCAAGCGGAGAGCCTTGGAGAACCCCCCGAAAGG GAGAAAGGAAAGAGCAGAAAGGAAGGAACCGGAAGGGGATGGAAGGGGA G G GAACAGGAAAAGGGGGGCCACAAAGCAGAAGGGCAAAGGAGAGGGAAA AGAGGCAGGGGGGTACAAAAAGGGCCCAAAAAAAAGACCAAGGAAGGAAC CGGAGAGAGGGACGGACCAGAAAAACCGGCCCCAAGGGGAAGCAAGGAGA AA GAAGGGAGGAGAGAGCCAACAGGGGAACAAAAAAGGAAGCCGGAAGGA AGAGACAAGCACCCCGGAAAAAACCGGCGAGGACAAGACCAAGAAGGAAG GCACCAAGGGGGGGGGGGGCCGGGGGAAAGGAAAAGGGGGAACAAAAGG AAAAGGCCGGAGGAGGGGGGGGAGAAAGAAGGAGGGAGAGGGAGAAGAA AAGGAGGAAAAGGGAAAGGGGGGGGAAAGAACCGAAAAAAAAGAGAAAAG GGGGGGGAAGGCAAGGAGGAGAAGGAACAAGGAGGGGGGGGGGGAAGAA GGTTGGAACCGGAGAAGAGAAGGGAAGGTTAAAGAAGGAAAGGGGGACAA AGGGAACAAAGGAAAAAAAAGACAGAAAAAAGAGGGGAGGAAAAGGGGAA AAGAAGAAACAAAGCCGGAAGGGAGAAAAGGGCCGGAGGGACCAGGGAAG CAAGAAAACCAACAGAAAGAAAACGAGGAGGGGGAGAAAGAGGGGGAAGG CCGACCAGGGAAGGAAGAAAAAGGAGACGGAGCAGAAGGAAAGGCCAGGG AA $\operatorname{l}$ GGGCAGGACGAGGCAGACCGGAACCAAGGAAAACCAACCGGAAAAGG AAAACCCCAAGGAGAAAACAAAAGGGGGAAGGAACCAAGAGGCCGGAAGG A GAAGGACAAGGAGGGGAAGAAGGGGAAGGAAGGGAAGGGAAAAGGGAG G G GAA $\operatorname{l}$ GGGAGAGGAGGGGCCGGAAAAGGGGAAAAGGGACCGGGGGAAA GAACAAGGAAGGCCAAGGGGGGCCGGGGAGGGGGAGAAAACCGAAAGGG AAAAGGGCCGGAGGAGGAACCGGGGGGAGGAAGGGAAGGAAGGAAAAGG GGAAAAAAGGAACCCCGGGGGGGGGGAAAAGGGGGGGGGGGGGGAACCG GAACCAAGGCCGGCCAAAAAAAACCGGGGGGAAAAGGCCAAGGGGGGAAA AAAGGAAAAAAAAAAAAAACCGGAAGGCCGGAAAAAAGGAAAAAACCAAG GGGGGAAGGAAGGAAGGGGAAAAAAGGGGAAGGAAGGAAGGGGCCAAGG CCAAGGGGGAGGAACCAAGGGGGGGGAAGGGGAAGACGAGCCGGGGAAG GGGAGAGGGAGCCAGGGGGAAGGGAAAGAAAAAGGGGAGAGGGCAAAAG CCGGAAAAAGGCACGGACGGGGGGGGACAGGAGAGGGGGGGGGAGGAAA GAGGGGGGGGGAGGAAACCGGCCGAGGAAAGGGACAAGAGATAAAAGAAA GAAAAGGGGAGAGAGGAAGGAGGGGAAAAGGGGAAAAGGGGAAGGAAAG GAGGAGAAGGAAGGGAGGAAAGGAGACCGGGAAAGGGAACAGAAGGGCC AGAGGGGCCAGCCAGGGAGAAAAGGCCGGGAGAGGAACCAGGGAGAGAAA AAAGACCGGGGAAAAAAAAAAGAGGGAGAAGGGAAAACCGAAAAGGGAAA ACAGACCAAAAAAGAGGGGAAAGAAGGGGCAAAAGGGAGGAAAAAAAAAG GGGAAAAACAGGGAGACTTGGAATTCCGAAAGGGGAACGCAAGACAGCAG GAGGAGAAGAAAAGGATAGGAGGAAGGGGGGAGAACAAAGGGGAAGAGG G G G GAAA G G G G A CACCGAGGAGAAGGGGAGGGAGGGAAGAGGGAAAACA CAGGAGAGGGGAAAGGGAAAAAAAGAAGGAAGGCCCCGGAAGGGGAAGAG G G G GAGGCCGAGGACCCCAACAAGGCAGGGAAGCCCCAGAAGAGAGAGAG GGGAAGGGGGGAAAGAACCAGCCCCAAAGGGAAAAAAGGGAAAGGGGGG GAGGGAAAGGGAATGGCCGGAAAGCAAGAAAAAAGGAGCCGGAAGGAAAA GGAGAAGGCCCCGAACAGAAGGAGGGAAAAACCCAGTTTTGGAAAAAGAG GAGGGCAGAAGGGGAAAACCGGAAAACCGGAAGGACAAGGAGAAGGGAAA AAACGGAACCAAGAAAAAGACGGGAAAGAGAGAAAGAGGGCCAAAGGGAA CCGAAAAAAAAAGGAAAAGGCAAAGAAAAAAAGGGGGGGGAACCGGGAGA AGAAAGAAAACCAAAGAGCCCCTAGAGGGGGACAAAAGAAAAAGGGAGAA GAGGTAGGAGAGGGGAAAGAGGGAGGAAAGAAAGGAAGGGGGGGAGGGC CAGAGAAAAAAAAAAAAGAAAACGGAAGAAGAAAGAAACACAGGGGGAAA AA $A$ AGGGGGAGGGGAAAGAGGGACAGAAGGGGACCGGAGGGCAAAAGAA A G GAA G GAAAAAGGGGAGGGGGAGGGGAAAGGAGAAACGAGAGGGGAGC CAAGAGGAAACGAACGAGAGAAGAAAAGGGGAGAAGAGGACAGAGAAAGA G G GAGAGAGAAGAAAAAAAAAGGGAAAAAACAAAAAAAAGGGGACAGAAG GGGGGAAGGTTAAGCAGGGACAAGGCCAAGGAAGAAAAAAAAGAAAGAGA GAAGAAGGGGGAAACAGACAAGGAAAGGGAACAGAGGAAGAAAGGGGCCA
 G GAGGGAGGAGGGGGAGAACAAAGGAAAGAGGGAGAGGAGGAAAACCCC AAAACCGGAAGGCCCCGGAAAAAACCAAGGGAAAAAGGAGAGACAAGGGG GGAGGAAGACCCAAAAAACCGGAAAAGGCCGGGGGACAAAACGGGGAAAG

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$22042000-9$ AA G G G GCCGGGGAAAAAAGGGGGGAAAAGGGGAAAAGGAAGG CCCCAAGGGGGGAAGGAAGGGGGGCCAAAAGGAACCAAAAGGGGAAAAGG AACCGGGGAAGGCCAAAACCGGGGAAAACCAAGGAAAAAAAAAAGGAAGG GGCCGGGGAAGGAAGGAAAAAAAAAAGGAAGGCCGGGGCCGGGGAAAAAA AAGGAAAAAACCAAAAGGAAAAGGGGAAGGGGGGAAGGAAAAAAGGCCGG
 AA GAACCGGGAAAGAGGAACCGGAGGGCAGGCCAGGAAAGAGAAAAGAGA AA $\operatorname{la}$ AGGAGGAAGGAAAGCCAGGGGGAGAGCAGAGGAAACGAGAAAAAGGG GGGAGAAACAACCAGGAAAGGGAGGAACCGGAAACCCGGAAAAGGGGAAG GCAAAAGTTGAAGAAAAGGGAAGAACCGAGGAAAAAAAAATCCGGGGCCG GGGAAGAAACAAGGAAGAAAACAAAAAAAAAAGGGAAAACCGGAAGAAGA AA GAAGGAAAAGGCAGAGGGGCCGGAGGGAAAACCAGAAGAGAACGAACA GACGGCAGGAAAAAAGGAAAAAAGGGGGGGGGGAAGAGAAAAACCAAAAG GGGGGGGCCGGAAAGAAAAAAAGGGAGGACAAGAAGAGGAGAGGACCAAA GCAGAGAAGGAAAGAGAAGAGGGCACCGCGGAGGGAGAGGAGGGGAGAA AGAAGAAAAAGAAACAGGAAGGGGCCAAGGAAAAGGCCGGTTGGGGAAAG GGAAAAACAAAAAAAAGAGGAGGAAATAAGCCAAAAGGAGGGGCGAAAGG GAAACCCCGAGGAAAGGACCAGAGAAGGAGCCAGACAAGGCCGGAACAAA

G GAAAAGGAAACGGGGAAAAAAAAAAGGAAAGAAAAGGGGCGAAAAGGAG AAGGAAGAGGGGAAAACCAAGGAAAAGAGGGGCCAAAAGGAACCAAAAAA CCGGAAGGAAGCGAGAAAGGGGGAAGAGAAACAGGGAAGGAAAGAAAAAA AAAAGGTAAAATCAGAAGGGGGAAAACCGGGACAAAAAGAAAGGGAAGGA G GAAGACCGGGAAAGGAGCCAGAAAACCAAGGGAAAAAAAGGAGGAACGG GAAAAACCGGACGGAAGAAGGAGGGGGAAGAGAAAAGAGGGGGAACGGCA CCAAAAAAAAAAGGGAAGAAAACCGCCACAAAAAAGGGAGGAAGGACCAA G GACAAAGAGGGCAGAAAGGAAGACCAAGGGGGAGGAAAAGGAAAGAGAG AGCAAGAGGAAAAGCCGAGAAAAGGAGGGGGGGAAAGGCCAAAGGGAAAA GACAGAGAGGGGGATAACGGGGGGCCAAGGAAAAGAAAGGAAAAAGAGTA AA $\operatorname{l}$ GAAGGGGGGAATTGGCAAAGGGAAAAAAAGGGGAAAAAAGGGAGGG GAAAGCCGGAAAAGGGGGGAAAAAAGAGAAGACAAAAAGGGAAGAAACCG GAGAAGACCGGGGGGAACGAGCCGGCCGAGGCGACGGAGCAAGAAGGCC GGCCAAAAAAAACCAGCAGAAAGGGGGGGGGAAAGGAAAAAGGGGACCAG GGGGGGATAAGGGGGGGAGAGGAAGGAAAAAGAAAACCAAGGAATTGAG G GAAGGGAGAGAAGGAAGGAGAAGGAGAAGGGGGGGGGGAGAAGGAAAA AA G GCAAAAAAGGACCGGCCAGGAAAAGGGGAGGGGAGGGGGGGCCGGG G G G AA G G GAAAAAGAGACCCCGGGAGGGGAGCCGGGGACGAAAGAAGAG A G G G G G TAA G G GCAAGACAAGGAAGGAACCCAGGAGAGAGCCGAAGGGG G G GAAAAGAACAGGGAGAGAAGAGGAAAACCAAGGGGCCCCAAAAAAGAA AGAGGTTAAGAAGAGCCGGGGAACCAAAAAAGGCCAAAAAAGGGGGGGGG GGGAAAAGGAGAAAAACGGGGAAAAAACCAGGGGGGGGGGGAGGAAAGG GGAAAAGAGGACAACCAACCCAAAAAAAAAAAAAGGCCGGGGGGGGGGAA G GAACAGAACAAGAGGGAAGGAGAAGGGGGGGACGAGGAGGGGGGAAGA AA GAAGGAAGGGGAAAAAGAACCGGAAGGAACCGGAAGGCCAAACGGGGG GAGGGCAGGCCAAGGAAGAAGGGAAGAAAGACAAGGAGAACGGAAGGAGA AAACAAAACGACCGGGGGGCCACAAAAGGCCAAGAGGAAGGGAGAGACCG GCCAAAAGAACAAAAAAGGGACCAAAAGGAAGGAAGGAAAAGGGAGGCCA AGGGGGAGGGAGAGGGACCGGGGAAAAGGAACCAAGGAACCGAAACCCCG GCCGAGGAGAAGGAAGGAAAAAAAAGGCCGGGGCCGGAAAGAAAAAAGGA AAGGGAAAAAGCCCACCACGGCAGGGGAAAAAGAAAGAAGAAGGAAGGGG AGAGAGAAGAAGGAAGAGCAGAAGGGGAAGAGGCCAGGAAGCAACGGAAA ACAGAGGGGGGGAGGGGAGGGACGGAGCCGGGAGGAAAGGGCAAAGGAA GGGGCCAAGGAAAAAAGCAAAGAGCCAAGGAAGGAAGGCAGAACAGAGGA ACAGGGAGGGGGGGGGGAGAGGGGGGGGGAAGCGATAGATGAGGGAAAG AAAAACCAGGAGGGGAAAAAGCCGGAAAGGGAGAACCGGAAGGCAGAAGA G GAAGCAAGGAGGGAGGAGACCAAGGGAGAGCCGGGGAGCAGGAAAAAG GATTAAAAGGAAAAGGGGGGGGAGAGGGGGAGGAAGGGAGAAGGAAAAA AAAAAGAGAGGAGCCAGGGAAAAGGGAAAGGCATAGGGGGGGGGGCCGG AA G GAA G GAAAAGGAAGGAAAAGGAAAAGGGGGGAAGGAAGGGGAAGGA ACCAAAAAAGGGGGGCCAAAAGGAAGGGGAAAAGGCCAAAAAAGGAAGGC CGGGGAAGGGGAAAAAAAAAAAAAAAAAACCAAAAGGGGGGAAAAGGAAG GAAGGAAAAAAAAGGAAAACCGGGGCCGGAAGGCCCCGGGGCGGAGAAGG AGAGGGAGGAAGAGGCCAAAAAAAAGGAAAAGGAAAAAAGGGGAAGGGGG GCCGGGGGGAAAACCAACCAAGGGGGGTTGGGGAAGGGGCCAAAAGGAA G G G GAA G G G G G G G G G G G G G G A A A A G G G G G GAA G GAAGGAAGGCCGGAAA AAAAAGGGGTTGGGGGGGGAAGGGGAAAAGGGGAAAAAACCGGGGGGGG AAAAGGGGGGAAGGGGCCGGGGAAGGAAAAGGAACCAACCAAGGGGGGA A G G G G G G A A A A A A A GAAAA G G G G G GGGAAAAAAGGGGCCGGGGCCGGAA G G AAAAGGGGAAGGAAGGAAAAAAAAGGGGGGAAGGAACCAAAAAAAACC AACCGGAAAAAAAAGGGGAAAAAAAAAAAAGGGGAAAAGGAAAAGGAAAA GAGGAAGGAAGGAAAAAAAAGGAAGGAAAGGAGAGAAAAAAAAAGGAGAG AGGAGGAAGGAGCAAGAGGAGGAAACCAGGGAGGAAGGGGGGAAAAGGA TAAAGCCGAGGATAAGGACCGTAGGGGAAGGGAGAAAAGAGAGGGGAGG GGGGAGAAGGAAGGAAAAAAAAGGGAGAGGAAAAGGATGAAAACGGAGAA ATAGGAAGCCGGGGAAGGGGGCAGCAGGGGGGAGAAGAAAGGAACCGGA AAAAAGAAAAAGAAGGAAACCAACCAAGAGAGAAGGAAAGGAAAGAAAAC CAGATGGAGGGAAAAAAGAGAGGAGGGGAAAAGGAGAAAGGGAAGAAGAG AAACCAACCGGAAGAGGAAGGAAAAGAAAAGACGGACAGAAAAAAGGAAG GGGAAAGGGAAAGTTCCAAAGTAAAAACCGGGGAAGGGGAAAAGGAAAAG GAAGGCCCCAAGGAAACGGAATAAAGGGGAGGAACAGGGGGGGGGAGGG

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 G G G GAA G GAAAAAAAAGGAAAAGGGGGGGGAAAAAAGGGGGGAACCGGC AA $\operatorname{GGGGG} \operatorname{GAA} \operatorname{la}$ ACAAGGAGAGAAGAGGGGGGAGAACGAAAAAAGGCAAAA GAGGAAAGAAAGGAAAAGGGGAAGGAAGGGGAAGGGGCCAGGGCAGAAG AGAAAGGAAAAAAAAGAGGGGAAGCACAAGGGGCAGGGAAGGGGAAGGG GAAAAGACCACAAGGAGGAGGGGCCAAGGTAAAGGAAGAAAGGTTCCGGC CGGGGGGGAGGACGGAAGGGGGAGGAGGAGAGGGGAAAAAGAGACAGGA AGGGAAGAGAGGGAGAGAAGGGACAAAAAATTAGGGAAAAGGAAAGAAGG A G GAAAAGAAGGGGGGCGAGACTTGAGGGGGGGGAGAAGGGAGACCGGA AGGCCGGAACCAGGAGAGAAAGAAAGAGGCCGAGAACGAAAAAAAGGAAA TCCAAGGAACGAAACGGAGAGAACCAGGAGGGGCCAAGGGAGGGGAAGAA AAAGACCTTAAAGGAAGAGGGGGAGGGAGGGAAGGAACCAAAAAGAAAAA AACCCGACAGGGGGAGAAGAGCACAAAAAAAAGGACAAAGAACAAGGAAG A G G G GAA GCAAGGAAGGAGGGGGGAAAAGGGGAGAGAAAGGAGGAAGAA CCAAGGGAACGGAGAGCCAGCCAGGGAAGGGGACAGCCGAACGAGAGAGG CCGGGGGGGGAACCAAGGCCAAGGCCAAAAGGAAAAGGCCAAAAGGAAAA CCGGGGGGAAAAGGAAAAGGAAGGAAAAGGAAGGGGAAAAGGAGGGGGG GGGAAGGAAGGCCAACCGGGGGGGGAAAAACGAAGGGGAGAGGGGAAAG AAAGAGAACAGGAAGAAAAGAGAGAAGAACCCCCGGGACAGAAAGGGGGA GAA $\operatorname{l}$ GGGAGGCAAGAGAGGAGGGACCAGGAACGGGGGGGAGAAGGGGAA AA $\operatorname{l}$ GAGAGGGGCAGAGAGGGGGGGGCCAAGGAAGGGGAGAAGAGGGGAG AA G G GAAAGGAAAAAAAAGGGGGAAAAAGAGAACACAAGGGGGAGGGGGG AAAAAGCCAAGGGGAAGGGGAAGAAAGGAGGGGAGGAGAGCAAAAGAAGA CCAAGAAAGAGAGGCCGGAAAAAGAGCCGGGGAAAAAGAAGGGAAACCAG GGGGGAAAAAGGAGACAAGAGGACGAGAAGAAGAGAGAGAGGCCGGAGC G G G A GA GAA $\operatorname{A}$ GGGCCGGAAGGGGGAGGAGAGAGGGGGAAAGGGGGACGG GAAAGAGAAAAGGAGACCGAAAAGCAGGAAGGCGGGCCAAAAGAGAGGAA GGCCAAAACCAAAAAGGACCAGCCAGGGGGGGGGACAAGAAGCCAGAAGG AA GACCGGGGGGAAGAAAAAGGTTGGAAGGAGGAAAGGACAAGGAAAAAG G G CCCCAGGAGAGGAAGGGGGGCAGGAAACGAAAGAAGAAGGGGGGAAG G G G GAGGAGAAGGGGGGCAAAAAAGAAAAAGAGCAGAAAGGGAAAGGGG A G G G GAA $\operatorname{A}$ GACAAGGCGGAAAGAGGGGGGGGGAGAGACAGGGAGGGAGA AGGCCGGTTGGAACCAAAAAAAAGGGAAAGGAAAGAAGGAAGAGGGAGGC ACCGAAAAGAAGGGGAGAACAGAAAGGGGGGGAAAAGGGGGGGCCAGCCC CGAGAAAAGAGAAAACCGGAGAGAAGAAAGAGGAGAAAACCAGAAGAAGG G G A GAA GACAAGAAGGAGGGGCACAAAAAAACCGGAAGGAAGGAAGGGGA G G G G G G A G GAGGGCAGGGGGGGGCCGAAAAAAAAAAAAGCAGAGGAAAA GGGAACAAAGACAAAAAAGACCGAAGTACAAAAAGGAAGAGGGGAGAAAA GGAAAAAAAGGGGAGACCAGAAAAGGCCGGCCAGAAAGAAAGAGGAAAAA GGGAAGGGGAACGAAGGGAAGAGACCCCAAAAGGGGAAAAAGAGCCAAAA AAGAGGGAAGAAAGAAGGACCCGGAAAAAGGGGGAACCGGAGACAGAAAA AAAGAGGGGAAGGACAGGAAGGAGGGAAAAGGGGAAAAAAAGGGGAAAAA AAAAGGCAAGAAAAGGGGGGCCGGGGGGCCGGAAAAAACCAAAAGGAACC AA GAAAAGAGAGAAGGGGAACCGGACCCGGAAAGGGGGGGGAAAACAAAA A GCCGAGGGGGGACAAGGAAAAGAAGAAGGAAAGGGGAGGAAAAAAGGGA AAAGAGGAAGAAAAGGAACAGGAGAGGGGGGGGGGGGGGGGATTAGAGA GGGAAACAAAGGGAACCAAAAAACCAGGGAAAAAAAAAAAAAGAAGAAAG GAAAAAAGAGAAAGGAAGGAAAAAAGGGGAAAAGGGAGGAAAAAAAAAGG GAAGGGGAAGAGAAAGAAAGGTTGGGAGAAAAAAACAAGGGGGAAATGAC CAACCCCACAAGAAGAGGGGGGGAGGACAAAGGGGGGAAGAGGGCCCGAA AAAGGGAAGAGGAGGAAAAGGGGAAGGGGGGAAGGAACCCCGGGGAAGG AA G GAAAAAAGGAAAACCAAAAGGCCCCCCAACCGGGGAAGGGGCCAAGG GGCCAACCGGGGCCAAAAAAGGAAGGAAGGCCGGAAGGGGAACCAAGGGG GGGGAAAAAAGGAAAAGGGGAAGGGGGGAAGGGAGAGGGGGAGAGGCCA A G G A GAGAGGGAAGGGGAAGGGGGGCCAGAAAAAGAGCCAACCGGCACCG GAGGGAGGGAAAAAGGGCCAAAAAAAAGAAACCAAAGCAAAAGAAAAAAA

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GGAAGAAAGAGAGGGGAAGGCCAGAAAGGGGGGAGAACAGGAAACCAAAA GAAACCGGAAAAGAAGGGAGAGCCGAAAAGGGGACCAAAAGGAGGGAAAA AAAGAGGGGGGGAGGGAGGGAGATAGGGCCAGAAGGGACCAAGAAGAGC AGAAAGGGGAAAGAGGGAAGGCACAAAAAAGGGAAGGGGTAAAGGGGAG G GAA G GAAGGGGAAGGACGGAAGGGGAAAAAGAACCCCGGAGAGGGGAC C G G CCGGGAGGGGAAGGAAAAGAAGAAAGAGGGAAGGGGAAAGAAAAAAA AGGGGAAGGAAGGAAGAAAGAAAGGTTGGCAAAAGGGAAGGGACCAAGGA A GAGGGGAGGAGACCGAGCGGGGAAGAGGAAGGGGAGCCAAGGCCAAAA GAAGAGAACAAAGAACGGGGAGGGAAAGGGCAGGCAGAAAAGAGAAGGCC AAATACGGGGCAAGGGAAAAGAGGAAGGGGAAGGGAAACCGGAGAGAGG GCCCCAAGACCAAGAGGAAGGGCGGCCGGGAAAGGTACCAGAGAAAAAAA GGAAACCAGGGGAAACGCCACAAGCGAAGACGAGAGGCCAAGGAGAGAGG GAGAGAGCCCCAAAAAAGGGGGGCCAGAAAAAAGGAAAAAAAAGGGGCCA AGGAAGGAAGGGGAAAAAAAAAAAAAAGGGGAAAAAAGGAAGGCCGGAAA AGGGGGGAAAGCAAACCAAAACCAAAACCAACCAAAAAAGGGGGGAAAAG GGGGGCCAAAAAAGGAAAAGGGGAACCAAGGAAAGAGCCCACGACGGCAA A G G GAGAAAAAGGCCGGGGAAAAAAGAAAAAAAAAGGAAAGGAGGGGAAC CAGAAGGGGGGGGAAGGAACCGGAACCAAAAAAAACCCCAACCGGAAAAA AAGGAAACCAAAGGAAAAAAAAAAAGGGAAGAGCCCCCAAAGAGGAGGGA GAAAAAAGGGGAAGGGGGGAGAGGAGATTGGGGGAAAAAAAAAAGAAAAC CGAGGAAAGAGGGGAATAAAAAAGGAAAACCGGGGCCAACAAAACGGAAG GAAAAGGGGAAAGAGCGGGGGAAAAAACAGACCAGGACAAAGGGGGAGGG GAAGGGGGGAGGGACGGAAGAAAGGAAGGGGGGGGGGGGGAGGCGGGAA GAGCAGAGAAAGGAACAAAAACGAGGCCCCGGAGAACCGAAGGGGGAAAG G G G G G G G A A G G G GAGGAAGGAGGGCCAGGGAGAAGAGGAACCAAGGAGC C G G G G G GCAAAAAAAAAAAAAGGAAGGAATAAACCAAAAAAGGCAGGAAG AAAGGCAGGGAAAAAACGAGGAAAGAGAGGAAAAAACCCACAAAAAAGGA AGGGGGAAGGGAAGAGGAGGGAAAACCAAAAAAGGACAGAAGAACGGAAA ACAGGGGAAAAGGAAGAAAAAGGAAGGCCGGGACCAGAGGAAACCGGGGA GCCAGAAGACCAAGAAAAAGAGGAGAGAGGAGGGAGAGGAAGGGGAAGGA TCCAAAAGGGGCCCACCAGGGGGAAAAGAGGAGAAAAAGGGGAGAGGCCG GAAAAAGAAAAGAGGCAACGGCCAGAGGATTAAGAAAGGACGGGGAGGGC CAAGGGGACAATAAGAAGAAAAAAAGGCCAAAAGAAAAACCAGAAAAAGG GAAAAAAGGGGACGGAGGGAGACGGAAAAAAAAGGAGGGGGGGAAAAAAC AA $\operatorname{G}$ GAGGGGAGGAAAGGGGGGGAGGCCAAAACCAACCAAACCCGGCCGGA AAA $A$ A $\operatorname{GGGGGGGGAAGGAACCCCAAGGAAGGAAGACCAAAGGAAAAAGGG~}$ GGGAATTAGAAAAAAGGAAAACCGGGGGAGGGGCCACAGGACAGAAAGAA CAGGGAGGAGAGGGGACGGGGAACCGGAAACAAGGAAAAGGAAGGGGAG C GAAAAGAGGAAAAGGGGGGAAGGGGAAAACCAGGGAAAAAAAAGGAAGG AAGGAACCGGAAAAGGCCGACAAGCCAACCGGAAAAGGGGAGGGGACCAA AAAAAAGAATAGGGAAAAGGAGAGAAAAGAGGAAAGCAGAAGAAAAGAAA CCAGAGGGCAATGGAGGAGGAAACAACCCCGGAGCCAACAGGAAGGGGAA GAGGGGCCAAGGAGAAGAGAGGAGAAAAAGGGGAGGAAGGGGAAACAAA GGAGGAAAAGGAGCCAAAACAGGAAAAGGAAAAGGGGAAAATAAGAACAA AGAAACCAAGGGGAAGAACAAGGGAAAGGGGGGGGGGCCGGAGGAGGAA GGAAGGGGAACCAGGGAGGGAAAGAGAACCGGGGGGAGAGAGAACCAGA AAATTAAGGGGAAAAGGGGGGGGAAGGGGAACCAACCGGAAAGGGCCCCA GGGGGGGAAAAACGGGGAGAGGAGGAGACGGAAAAAGAAAAGAGAGAGA GAGGAAGGAAAGAGGGAAGGGGAAAACAAGAAAAGGAGCAAGGGAAGGAA AA G G G GAGAAGAAAAAAACAAGAAACAAGGGAAATTAAAGGAAGGAGGAA AA $\operatorname{G} \operatorname{GGACAGGGGAGTTAGAATAGGGGGGGGAACCAGAAGGCCGAGGAAAA}$ AA $\operatorname{A} G \mathrm{G}$ GAAACGGGGGGGGGGGAAAGGAAGGAAAACGAACCAAAAGAAAAA ACACCCAACAGGAGAAGGGGTTAAAAAAAAGGAGCCGGAGCCGGGGGGAA G GAA G GAGGGAGCAAAGAAAGAAGAGAAAAAGGGCCGGAAGAAAGAAGGA CCAA G GAAGGAAGGGGGAAAGAGGGGAAAAGGAAGGAAGGAAGGGAGGG GGGAA G GAACCGGGGGAGGGGGGGGAAAAGGAAGGAAAAGAGGGGCCAA G GAAACAAGAGGAAGGGGCCAGGGACGGCCCCGGGGGGAAAGAGCCACCA AGGGACAGAGAGAACCAACCGGAAGAGGAAGGAGAACAAAGGGGAAGGGG AAAAAATTGGGGGGAAAAGGAAGGAAAAGGGGCAGAAGGAGGAAGAGGAA AA $\operatorname{l}$ GGGGGGAGGAGGGAGGAGGAAAAGGAGGAAGGAGGGAGGGACCAAA AAAGGGGGGCCAGAAGGAGAAGAGGGGGGAGAAGGAAAAAACCAGGGGA

GGAAAAGGAGGGAAAAGGCAAGAAGGCCAAGGGGAACAGAAGAAAGAAAG GAGGGGAGCCCCGGGGGGCCGGAAGGAAGGGGAAGGGGGGGGAAAAAAA ACCGGAAAAGGCCGGCCAGAGAAAAGGTTGGGGGGGGAAGGCCGGGGAA AAAGCCAGGAGACCCCGGAACCGGGGAAAAGGGGAAGGAAGAAGACGGGA AA $\operatorname{l}$ GGGGGGGGGGGCCAAGAGAGAGAAAGAAAAAAAAAGGGAGGAGCAAA GGGGGGGGAAAAAAAACCGAAACCTTAGGGCAGAAAGAAGGCGGCCCAAA GGCCAAAACCGAGGCCGGGGGGAAACGGAAGGAAGGAAGGAAAAACGAAG CCCAGGGAAGGGCCGGAGAGGGGGGGAAAAAAGACCAAGGGGAGGGAAG GCCAAGGAAAAGGAGGAGGCCAAGAAAGGGGCAAAAAAAGGAAACGGGGA AAGGAGACCGGGAGGGAAACCCGGAGAGAAAGGAAAAAGGGGAGGGGAAA ACAAAGAGGAAAAAAAGCAGAAAAGGAGAGGAAGAAAAAGGAGGGGAAGC CAAAAAAAAAAGGGGAAGGCCGGCAGACCGAAGGGGAAGGAAGAGAGAAA TAGGGCAGACAGACCAAGACAGAAAAAAAAAAAAACCGAAGAGGAGGAAA AGAGACCAAGGAAGGGGAGGGGGGGCCCCGGCCGGAAAAGAAAGAAAACG AACCACCAAAGGGCCCCAAAGCAGGGGACAGAGAAGGGGAGACCAGGGGG AGGAAAAGGGGAGGGCCAGGGAGAGAAGGGGAGAAGGGGCCGGCCGGAG GGGAAGGAAGAAAAGGACCACAGAGAGGGGGGACCAGGAGCCAGAGAAGG AAGGAAGGGAGAGGAAGAGCAGAAAGGGGGCCAAAGGGAAAGGACACCAC AA $\operatorname{la}$ AAGGAAAGGGAGGGGAGGGGAGACGGAGAGCAGAAGCACCAGCGC CAGGGAAAAAAGGGGCCGGGAGGAGGGCAGGAAGGGAGGGGAAGGCAAA AAGAGGCCGGAACCGGGGAAGGAACAACGAACGAGGCAAAAAAAAAGGGG GGGGAGGGGGAACAGACCACAAGGGAAAGCGGCCAGGGCCAGAACCAAGA CCAAAGGAGGGGGAGGAAAAAACGAAAGGAGAGAGGAAAGCGAAAAGGGG AATATAGGGAGGAAAAATCATAAAGAGGAAGGGGGGAGAAAACAGGAAAC GGGGAGAAAAGGAAGGAAGAGGAGCCATAACCCAGACCAAGGGGAAAGAG AGGGGGGGGGGACAAGGGAAAAGGAAAGAAGGGGGGCCGGAAACGAGGA GAAGAAGGGGGAAAGGGGGAAAAGAGGCCGGGAAAAAAAAAAGGGGAGAC AGGCCCAGAAAAAAAACGCACGGGGAAGGAAAGAAACAGAAGACCGAAAG AGGAGGAAGAAAGAGGAAGAAGGCCAGCAGGGGAGGGGGAGGGGGGAGG GAAGGGGGAAGGAGGGGAAGGGGGGGAAGGAAGGGGCAGCAAGGATAGG GAAGAAGCACAAAAAAAGGGGGAAAAAGGAAGAGGGGGGAAAAGGGGAAA GAAAACCGGCAGAAGGAGAAGGGAGAAAAGGGGGGAAAAAAGGAATTGGA AGGCGGGAAGGAACCGGGGAAGGAGACGGGAGAGGGAACGACGAGGAAG CCGGCCAAGGAAGGGGAAAGGGAACCAAAGAGGGGGGGAAGAAAAAGGGA AA $\operatorname{la}$ AGGGGAGGGGGGAAGGAAAAACAGGGAGAGGGGGAGGAAGAAGGG GGGAAAAAAACAGACAAAAGGCCGGAACAAAGGAGCAAAGGGGGGAGGAG GAGAGGGGGAAGGGGAAAACCAAGGGGAAGGGGGGAGGAGGAGGGAGAA AAGGAGAGAGGACAGAGGCCAAGGGGGAAGTTAAGGCCAGAAGAGAAGGG GGCCGGAGGAGAAAAAAGAGCACAAGAGGAAACAGACAAAAAGAAGAAAA CCGGAGAAGCGGCCGGGGGAAGGGGGGGACAGGAGGAAGGCCCCAAAAC CCCGGAGGGGAGGGAGGAAGGAAGAAAAAGGAAAGCCGGCCCCGGGGCCA GGGACACCGAGGGTAAACGAGGGAAGGGGGGCCAAGGGGAAGGAGGGGA CAAAGGGGGGGAGGGGGGCCAAAGAGGGGAAGCCGAGGGGGGCCGGGAG GGGCCGGCCGGACGAGGAACAACGGACAAACAACCAGAAAAAAGGCCAAA AGAGAGGAGCGGGGGAGAGGGATAAACGAGGGGAGGGGGAGGGGGAGAA AAGGATGAGGGGGGGAGGAAAGGGGGAAGAGGAACCAAAAAAAAGGCCAA AAAAAAAAAAGGCCGGAAAAAAAAAAGGGAAGGAGAAACAGGGGAAGGGG CCGAGGGGAGAGCAAGACGGCCGGAAGGGGGAAAAAGGGGAGGGAAGGA AAAGGAAAAGGGGGGAAAAAATTAAAAAAGGGGGATTAAACGGAAGAGGA GAACCGGGGGGATACGGCAAAAAAAGAAAGGAGAAGGAAAAGAGGGGCAG ATAGAGAAAAGAGAAGGGGGGCCAGAGAGAAGGAGGGGGGGAAGGGGAC GAGACGGGGAAGCCGGAAGGGGCAGGAGAGGGAGAAAAAAAGTTAAAGAG GGAAGGGAGGACGAGGCCCCGGAGGAGAAAAAGGGGGACCGGCAAGGGC CAAGGAAACGGGGAGAGAAAGCCGGAGAGGGGAAAAGGGCCCCGGAGCCA AA G G GGAAGGAGGCAAGGACCCCAAGGGAGGGACCAGGGAGAGGGGAGG GGCCGGAAAGAGGAAAAAGGAAGGAACCGACCGGAGAGAGAAGAAGAAAA AAAACCCCGGAAGAGAAAAGGGGGAAAAGAAGAAGGAAGAAAGGGAAACA
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 AAAA $\operatorname{A}$ GGGGGGGGGGGAAAAACCCAAGAGGGGGGAACCGGGGGGGGAAG GGGAACCGGGGAAGGAAGGAAGAAAAGGGAACCGGAACCGGGGGAAGGA G G AA G G GACCGGCCGGGAGGCAAAAAGAGAAGCAAAGAGGGGAAAAGGAG GGAAACAAAAAGACAAGAAGGGAAGGAGCACCGAAAGAAAGGAAGGGGAA AAAAGGAAAAAAGGGGTAGGGGAAAAGGCAAGAGAAGGGGAAGAAAGGGA AACCGGCCAAGGGGAAGAACAGAAAAGAAAGAGGAAAGCCAGGGAGAGAG

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 AGAAGAAGGGGGAAAAGGCCAAGGAAGGAAGGAACCAAAAGGAAGGAAAA CCCAGAGGGGGGGGGGAAAAAAGGGAGGGGAGAAAGAGAACCGGAGGGA G G G G G A GAGGGGAAGAAGGAGCCAAAGGGGGCCGGGGAAGGAGAGACAG AAAAGAGGAGGGAAAGCCCCGGAAGGAAGGCCAAGGAACCAACCGGGGAA AAGGAAAACCAACCAACCAGGGGGAAGACAGACAGGGGAAACGAAAAAGG GGAAGGGGAAGAAAAGCCGGAGCCGGGGCAAGAGAAAAAGCCGGAAGGG GGGCAAGAGGAACGAAAGGGGAGGAGGACAAAGAGGAGGGGGGGGAAGG GACCGGAAGACGCCAGGGAAAAAGGAGGGGGGGGAGAGGGGAAAGGAAG GAAAGTAGAAAAAGGAGGAGAGAAGGAGGGAAAGGACAGAAAACAAAGGT TAGAAGAGGGGAAGGTTAAACCAGAGGACAGAGAAGGAAAAGGAAGGCCA AACCAAAGGAGGGAAGGGGGAGAGGCCGGAGAGAAAAGGGAGGAAGAGG AAAAAGAAGGGGAGAAAAGAGGGGAAGGCCGGCCAGGGAGGGGGAAGGA GAGGGGATTACAAAGGGAGAGGGGGGGGGGGGGAAACAAGGGGAGAGGG AAAAAAAGGGGGGGAGCACCAAGGAACCAAAGGAAGCAGAACGAAGAAGG GAGAGAGACGAGACAAGGAAGGACAACCAAGGAACAAGAAGGCCGGGGAA G GCCAAAGAGAGGAAAGAGAGGCCGGGGGGGAAGACGAACAGGGCCAAAG G G G GAA G GAGGAAGGAGAGAAGGGAGAGAGCCGGGGGGGAGGAAGGGGG ACAAGGGAAAAAGAGGGGAGGAGAAAGCCAACAAGAGGAAGAAGGAGGGG AA $\operatorname{G} \operatorname{GGA} \mathrm{GA} A \mathrm{G} \operatorname{GCCGGAAGGGAGAGGGAGAAGAAGAGGAAAGGGGAAAAA}$ AAAAGAACAGGAGGGAAGGGGGGGGAACGGAAGGAAGGAAAATTGGGGA A G G G G G G G G A A A A A A G G G GAAACGAGAGGGGAAGGAGGGGAAAGGGGCC G G G G CCGGGACCCCAAAAGGGGAAGGGGGGGGGGAAGAGGGAGAGGGAA AGGGGAGAAAGAAAGAAAATTCCAGAAAAGGCCAGACAAAAGAAAGGGGG GAAAGAGGGGGAGCCGGGGAAAAGGAAGAGGAACCAAGAAGGGAAAAGAA GAAGGGAAAAGGGAGGGAAAGAGGACCAAGGAACCAAACGGGGAAACAAA GGGGGAGCCAAAAGGGGGGGGAGGGGGCCAAAGAGAAAGAAGGACGAAA GGAGGAGAGAGAGAGAGAAAAGCCGGGGGGCCAGGAAACAGAGGGATTAA AACAGGAAAAGGAAGGGGAAGGGGGGGGGAAGAGAAAAAGCAGAAAGGG GGAAGAAGGGAAGGAGAGGGCAGTTAAGGGGAAAAAAGGGGAAAAGGGG AAAGAAAAGGGAAAGGGGGAAAAGCCAAAAGGGGAAGGGGCCGGCCAAAA AAAAAGACCCGAAGAGAAAAGGAGAGAAAAAAAAAAACGGAGGAGGAAGG AA $\operatorname{l}$ GGAGAGAGGCAGGACGGGGGGAGGAGAAGAAGGAAGAACAGAGGGG G G G G G ACGAAAACACGGAGGGGAAAGGCCAGGGGGAAGGGAAAAACAGG AAAAACAAGGAAAAGGGGAGGGCCGGAAAGGGAAGGCAAGGGCGGAAAGA AA G GCCGGAAGAGAAAGGGGCCACCCACAAACAGGGAAAGAAAGGGGGGA AAACGGGGAAAAGAAGAAAAAAGGAAGGGGGAAGGGAGAAGGGAGAAAGG GAGAAGGGAACCCCGAAAGGCCAACCAAAAGAAAAAGAGGGGAGAAGGAA AAAAGGACACGGAAAAGAGGAGCCAAAGCAAGGGAAAGAAAGCACCGGAA GGCAGAGGGGAAGAGGACAAGAGGGGGGATAGAAGAAAAAGAGGGGGGG AGGGAGAGGGGGGTTGAAGGGGGAGAACCGAAGAGGAGAGAGGGAGGAA GGAAGGAAGAAAGGCCTTGAGAGAAGGAAGGGAAGGAATTAAAACCAAAG AGGGGGAGAAGGAAGGGAAACAAAAAGGAACAAGAGAAAACAGAAGAGAA CCAAAAAAAAAAAAGGAAGGGAGACCAAAAAAAAAAAAGGAAGGAACCGA GGGGAAGGAAAACCAACCAACCAAAGGGCAAAGAGAGAGGGAGGAGGGAG AACCGGAACAAGAGGAGAGGAGACGGCCAGAGGGGAGAAAGGGAGGGGG GAAAGGAGGCCAAGGCAAAAAAAAAGGAAGGGACCAGAGCACCGGGGGGA AA $\operatorname{A} A \mathrm{~A}$ GACAGAGAGACAGGGGGGAAAGGAAAGAGGAAGGAAGGAAGGGA CAAAAAAAGGAAGGAAACACGAAAAGGAAGAGGAAGAGAGGGCAAAGGAA AAAGCAGGAGGAAGAACAAAAAGAAGAGAAAAAAGAAAAGAGGGAGAGAA A G G GAA G GAGGGACGGGGCACCGGGAGAGGCCACAACCAAGAAGAGGGA G G AC GAA G GAA GGGGGGGAAACCGAAAAAAACCGGAAGGGGCCAAAAGGA AGAGGAGCAGGATAGGGGGGGAAAGGGAGGCGGAAGAGGAGACGGGAAG A G G A G G G G G A G G A A CCAGGGCCGAAGGGAGAGAAAAGGCCCCAGGGAGG AA $\operatorname{G}$ GGGGGGAAGGCAGGAGGAGAGGGAAAGGGGGGAGGGCCAAAAACAG GGCAGGGGAGAACCAACCGGGAAACCGGTTGGAAAAGGGGCCGGGGAGG GCCCCAGAAGGAAAGAAAGACAGAAAAGGGGGGGGGGAGCGAGCCGGAAA AAAGGAACAGGACGAAGGAGAGGCCAAAAGAAAGGAGGCAACACCGGAAG

GGGAAAAAACCAAAGAAAGAAGGGGGAAAAAAAAAAAAAAAAGGAGACCG GGGGGAACCAGCAGGGGAGCACCAAGAGAAGGGGGCAAAAGAACCAACGG GAAGGAAAAAAGGGGGGCAAGAAAAGGAAGGGGAAAGAGGGGAAAAAAAG GAAGGAAAAGAAGGACAAGGAGGGAAGAAAAACAAAAAAAACCAAGGGGG GCCGACAAGAGGGGGAAAAGAAGCCGGAAAGGGAAAGAAAACACCAAAAA GCCGGCAAAAGAAGACCAACCGGCAAAGGGGAGAGAAAGGATTAGAACCC CCCAAGGAAGGAAACGGAGAGACAAAACCAAGGGGAAAAAAAAAGAGGGA AGCGGGGGCAACAGAGAGGGGAAGGGGAGAAAAAAAAAAGACCGAAGAAA CGACACCAAACGGTACAGGGAAGGGAAGGAAGGAAAAGGGGAAAAAAAAA AAAAGAAGGAAGGGAAAGGAACGGGAAAAAGGGGGAAAAAGGAGAAGCCC CAAAAAAAAAAAGAGAGAAAGAGATAAAAAACCAGAGAGAAACAGGGAAA CAAAGAGGACGGGGGGAAACAAGAAAAAGCCAAAGGGGGAAGGAAAGGGA AGGCCGGCCAAGGGGAACCGGAAAAGGAAGAAAGGAACCGGTAAGAAGGA AGGAAGAAAAAAAAAAAGGAAAAGGGAAGGGGGGAAAGAAAGGAAGGGAA AGGGGGGGAACAAAAAGTAGAAGGAGGAGAGAGCCGGAAAGGAGGAAAAA ACCAAGGGAAAAGGGCAAAAATAGAACCCAGAAGGGAAGGGAAAAGACCG AA GAAAAAATAAAGGGAGGCCAAAAAAAAGGGGGAGAAGAACAAAAAAAA AA G GAAAGGCCAACAAAGGCCCGAAAAGGGGGGGGGGGGGGAAGGAACCA AGGAAGAGGGGGGAAAGGGAAGGCAAACCGGACGGCCAACCAAGGGAGAG GAGGCAAAGGAAAGGGAAAGGGGGAAGCCGATAAAAGGAGAAGGGACAAG GAAAAAAGGCCAACCAAGGAGGAAAAAGAAGAGGAAGGGGGAAAAAAGGG GAGGAAGGGGAGAAGGGGAGAAAAGAGGACAACAATTGACCCGAACCAGA GGGCCGGGGCCGGAAGGGGAAAGAAAAAAGGAAGAGGAGAGAAGCAGCAA GATCCGGAAGGAGACAAGAGACCGGGGAGGAGGAACCAAAAGGGGCCGGA AGGGGGGGAAGCAGGAAGGGGGGCCGGGAGGAAGGCCAAAAGAAAAGCC CCAAGGAAAGAGGAAAGCGGGGCCAAGGGGGGCCAAGGGGAAAAAAGGG GGGAAGGGGAGGAAAAGGGAAGAGAGGGGGGCCGGGGCCGGAGAGAAGA AGAGAAAGAGGGAAAGAGGAGAAGGGAAGGAGGGAGCCGGCCAGAGGAC CACGGAAGGAAGAGACAAGGGACGGAAGGGGGAACGAACAGGGGAAAAAC CGACCAAGGAGAGCAAAGGAAGGGGAATTGGGGGAGGCAACGAGAAGAGA AGAGGGACCAACAGAAGACGGAAGGAAAAAAAAGGAAAAAACCAAAACCG GGGGGGGAAAAAAAAGGAAAAGGGGAATTCCGGAAAAGGGGAAAAAAAAA AGGGGAAAAGGGGAAAAAAGGGGAAAAACGGAGAAGAGGGGAACCGGAAG AAAGACAGAACGAGAAAGGGGGGAAAAAAAAGGGGGGAAAAAACCAAAAA AAAGGAAAGGGCCAAGGGAAGAAAGAAATGAGGCAGAAGGACAAGGAAAA GAAAAAGAACCGAAAGGAAGGCCCCAAAAGAGGAAAGGGGGGAAAAGGAA AAAAAAAGGCAAGCCAAGAAAAAAGGGAAAAGAAAAGGGGGAAAAAAGGA GGGGGAAAAAAAAAAAACCGGAAGGGGGGAAAGAGAAGGAGGAAAGAAGA GGAAAGGGGGGGGAGGGGGGGGGAATTAAAAAAGGCCAAGGGGGAGGAA AAGAGGGGCCGGGAAGGGAAAAGGGGAAAAGGAGGGGAAAGGCACCCCAA GGCCCCCAGGAAAAAGAAGGCCAAAGCAGGCCGGAAAAGGAGAAGGACGG AGGGAGAAGGCAGGGGAGGACCAACCGGCCAGGGGGGGAAGGGGAAAAA AGGAAGGAAGGGGAAGGAGGAGGGAGGGGGGGAACAAGGAAAAGGAAGG CCAAAAAAGGGAGGAAGAAAAGGGGGAAGGGGAAAAGGAACCGGGGGGG GCCGGAAGGGGAAAGAACCGGGGGGGAGGAAAGCAGGAAGGAAAGAGGG GGGACCGGAAAGGAAGGAAAGGAAAAGGAACCGGCCAAGGAGAGCCGGGG CCAAGGGAGGCCGGGGAAAAGGAAAAGGGAAAAGAGGAAACCGGAGGGAA CAAGGACCGGAGGGCAAGGGAGCCAGAACCGAGGAAGAGAAACCCCGGAA GGAGACCCGGAACCAACCAAGGGGGGGGAAAGAACCGAGAAAGGAAGGGG GGCCGGCCAGGGGGACGGGAGGAGAGGGAGGGAGGAGACCATAGGACGA AAAAAAGAGAAGAAGGGAGGGGGCCCCAAAAGGAAAGGGGGCCGGCCGGG GGGGAGAAGGGAAAAGGGGGGGGGAAAGGAAGGCCAAGGGAAAAGGAAG GAGGGAAGGGAGGAGGCCAAGGTTGGGAGGAAAAAAGGGGAAAAAAGGC CAAGGGGAAGGGGGGAGAGAGAAGACCAGAAGGAGGGAAGGCCCCGGAA AAAACAAAGGCCGAAAAAGGGGAAAGAGAGAAGGGGAAGGAAAAGGCCAC AACCAAGGGGGGAAAAAAAAGGGAGAAGAGACGGCGGAGGACCCGGGAAA CAAAAACAGGAAAAGGCCAGAGGGCAGGAGGGAACCAGAAGGGGGAAAGG GGAGAGGAACGGAAAAAAAAGGGGAAGAGGGAGAAGCACAAGAGAAGAAA AGAAACGAGGCCAGGGGGAACAAAAGAAGGAAAAAGGGAGAAAGAGAAAG AGCCAAGAGGAAGGAAAAAAGAGGAAGGGAAAGGGGGGAAGGAAGGCAAA CAGGCCGGAAGGGAGGAGGAGGGGAGAAAAGGGGGAAGGGAGGGGAGGA

GAAAGAGGGAAAAGAGGAACCAAAGGAAACCAAGGGGAAAACAGAGGGGG AGGAGCCCCAACCAAGGACGGCCGGATGGGGAGGGGGAAAAGGAGAGAAG GGAGGAGAGAGGGGAGAGAAAAAAAGAAGAAGGGGAAGGAAGGGGGAGA GAAGAAGGGGGGACCCCCGGGGGAGGAAAAGAAGAAGGAAGGGGAAAAG AAAAAAAGGGGGAAAAGAACCGGGGAAGGGGAGCCAGGGGGGGGGGAAG AAGGAAAAAAAAAATTAACCGGGGGGAAAACCAAAAGGGGTTAAAAAAGG AAAAAAGGCCGGGGCCGGGGAGGGAGGAGACCAAGGGGAGAACCGGAAAA AAGGGGAAGAAAAGGGCCAAAAAGCCAAGAAAAAAAAAAAAAAGGAGGGA CCAAAAGGGGGGAAAACCAACCAAAAGGGAAGAAAAAAAAAGAAGGAAAG GGAAAAGGCAAGAGAAAGGGGGGGGGAACCCGGAAAAAGAGGAGAGAAAA AGAAAACCAAGGGGGGAAGGAAGAAACAAACAAAAAAAAGGAAGGAGAAA GGAAGGAAGGGGGGAGGAAGAAAAGGAAAGAACCCCAAAAGAGAACGGGA AGAAAGGGCCAAAAGGAGCCAAGAAAAAGGAAAGAAAAAAAGGACAGAGG AGGGAAGGGGAAAAAAGGAAAAGGGAAAGAAGACAAGGGGAGGAGAGGAA CCAACCAGAAAGGGGGGAAAAACGAAAGGGAAGGAAAAAACAGGAAAAGG GGAAAGTAAAAAGGGGGGCCACAAAGAAAAGGGGCAAGAAGGGAAAGGGG GAAGAAAGGGGAGAGGGGAAAAAAAAGGGGAAAAGGAAAACCAGAAGGGG GGAAGGGGGGGAGAAGGGGGAAAACAGGAGGGAAAAAAAAGGGGAACCG GAGGGGGAAGGGGCGGAGAAGAAGGGGAGAGGCAGACCGAAGGCAAAGG GAAGAAGGAAAAAAGGAAAACCGGACCAGGAGAGGGATAGAGGAAAAAGG AAGGGGGGCCAAGGAAGGAAAACCAAGGCCGGAGGGAAAAAAAAAGAACC CAGAGGGAAAAGGGACAGCCGAAAGGAAAGAAAAGGGAGAGGGAGAGGG GAGAAAACCGGGGAACCACAACAAGTAAAACGACCGAGGAGGGAAAGGCA AAAGAAGAACGAAGGCCAAAGGGGGAGAGGGGAGGAAGAGGGAAGGGGG AGCAGGGGGAGGAGAGACGAAAGGAAAAGACCGGAAAGGGAAAAGGAAAA GGGGAACCGGGGAAAAGAAACCAAAAGGGGAGGGGGGGAAAACCGGCAAA GGGGGGAAGAAAGAAAGAAGCAAGGGGGAACCAAAAAAGGACATGGCACA CCAAGAGGTTAATTAAGGGGGAAAAAAAGAGGGAAGAGGAGAGGAGAAAA AGAAAGAACAAAAGGGGAAACCGGGGAAGGGGGGGCACGGGGGGCACCAA AAGAGGGGGGGAAGTTGAAGGGACGGCAGGCCCCACAAAAAAGGAAGAAG AAGGCAGAAGGATTACCCAAGGGGCCGCGAGGGGGGCCGGAAAAAAGGAG GAAAGGAAAGGACCGGAAGAAGGAAAGGTAAAAGAGGAGGGAGAGGGAAA AA G GCAGGGGCAGGGAAAAGAAAGAAGGAAAGAGGGGAGGGAGGGGGAG GGAGGCCAGAACAGGAAGACCAGGAGGGGCCGGGGTTGGCCGGAACCAGA AGAAAAAACAAAAAAAAGGAGGAAAAAAAAAAAAAAAAAGGGGAATTAAGA AGGGAAGGAAGGCGAGAAGGGAAGGAGGAAAAAAAAGGAAAGAAGAAGAG AGACAAGGGGGGAAAAGGGGAAAAAGGGGGGGAAGAGAAGAATAACAACG GGAGAAAAGGAAGGAAAAGAGGTTGGAAGGAAAACGAGCCCCGAAGGGGG GGGGGGAAAGGAGAGGGGGGGGGAGAAGGGAAGGAAAAAAAGGGGGAAA AAAAAGGGGAAGGGGAAAAAAGGGGAAGGGAAAAGACAAGGCCGGGGAAG GGGCAAAGGAAGGAACCAAAGGGAAACGACCGAAAAAAAGGAATTGGTTA ACAAAGGGGGGAAAAAAGGGGAAAAAATTAAAAAAGAAGGGGGGGGGACG GGGAGAAGAAGAAAGGGGGGGAAGAGACCAAGGGGGAGGCCCCAAGGGG AGAAAAGAAGGGAGCCAACCAAGACAAGAACAAGCACCGGGGAAAAGGAA CCGGAAGACAAAGGCCGAGGAAAAAGGGGGGGAAAAAAAAAAAAAAAACC AA GGAGGGAACCGGAGGGAAAAACGGAAAAGGAAAAGGGGAAAGAGACGG AGGGAGGGAAAAGGAAGGGGAAGGAAAAGGAAGAAAGGGGCCGAGGGAA AGGCCACACAAAAAAAAAAGGGGCAGAGGGGACAAGGGGACGGAAGGAAC CAACCCCAACCGGGAGGGAGAGAGGAAAACCAGGGGGAACACAGAAGAAG AGAGGAGAAATGAAAAAGAGGAAAAGGGAGGGGGGAAAAGAACGAAAAGA GAGGGGGGGAAAGAGGGGGAAAAGAAAGGAGAAAAAGAAAAGGGGAACA GGAAGAGAATAGAAAAGGAAAGCCGACCAAGGAACCACGAAAGAAACCGA GGAAGAAGAGAAGGAAGGAACCGGGGAAAAAAGGGAGGGGGGGGAGAAG GAAACGAGGATCGGGAGAAGAAGGAAAAAAACCAAAAGGGGGGAAAAGGA AGGGAAGAAAAGGAAGGCCAAGGAGAGAAGAAGCCAGAAAAGGGACCCCG GGGAGAAAACCAGCGAGAGTAGAAAAAGAACAAGGGGAGACAGAGAAAAA GGAAGCACAGAAGGAGGAAAGGGGGGGGGAGGGAAAAAAAAGACCCCAGG GGGAGGGAAAGAAAGAAAAGAGGAGGGCAAGGGAAAAAACCAAAAAGGGA AGGAGGGAGAAAAGGCAGAACGGGGAACCATGGGAAAAAAAAGGCGAGGG GAAAGGGAAGGGGCCAACCAGAGAAGGTTGAAGAGGGGAGAGCCGAAGAG AA $\operatorname{A} A \mathrm{~A}$ GGGGGGAAAAGGGGGGCCAAGGGGAGGGGGAAAGGGAAGGAGGG

AAAACCGAAGAGGAAGGAGGGGGGGGAAAAGGAACCGAGGCCTTGGGGG GGGAGAAGGGGAAGGGGAAGGAAGGGAAAAAGGACGGAAGGGGGAAACG GAGGAGAGGGGGGGAAAAGGGAGGGAGGGAGAGGGGGGCAGGAAAAAAA GGGGCGGGGGAAGAGAGAGAAGGCCGGAGAAGCGAAAAAAAAAAACCGGA AGGGGAAAATTAAGGAGGGCCAAGGGGAGGGAGAAAAGGAAGGAACCAAA AAGAAGAAGGGCCAAGGAAAAAACCCACCGGAAAGAAGGCATTAGCAATA GCCAACCAAAAGGAAAAGGGAAGGAAAAACCAAAAGAGGGAAGGGAAAGA AGGGGGGGGGGGGCAGGAAAAAGCCAAGGAAGGAAAGGAGAAAGGGGAA AGGAAAAAGGGGGGGGAAAAGGAGAAGAAAAGGAAATTGGGGAAGGGGA A G GAAAAGGGGAACCGGGGGGAAGGGGCCAAAGGGGGAAGAAGAAGGAG CCGGGGGGCAGAGAGGGGGGGGGGCCGGGGGGGGAACCCCCCGAAGGAA GAACCCAAAAGAGAGCCAAGAAACCCAGAAAAAAAAAGGGGGGAGTAAGA GAAAGAGCCGAGGAAAAAAAGGAAGGGAAAAAAAAAAAAAAAGAAAAAAA AGGAAAGAGGAGGGGAAATCAAAAAGGAGAAAAGGGAACCCGGAAGGAAG AAACCCCAAAAGGAAGAAGAAGGGAAAAGAGAGAAGGCCGGCCGGGGGGA AAAGGGGAAAAGGGGCCAAAAAAAAGGAAGGGGAAAACCCCGGACGGAAG GGGAACCGAAACCGGGGGGAGAAGGAAGGGGGGGGTAAAAAAAAAAAGGA AAACAAAGAGGAACCGGAGGGATCGAAGGGGGGCCAAGGAAAAGGGGAAA AGAAAGGAGAAGGAAAAGAGGAAGAAAAAGGGGGAAGACAAAGAAGAAGA AGAAGGAGAAGGAGAAAGAAGGAAGAAAGCAGGGGCAAACAGATAAAAAA AGGGAGGAGGCGGGGGGAACCGGAAGAAAGAGGAATTTAAAGGAGAGGG CAGAGGCCAGGGGGAGGGAAGAGGGGGGGGGGAAGGAAAACCGGGGAAT TAAGAAAGAAAGGAAGGAAAAAAGGCAGGGAAAGAGACCCAGGAAAACCG GGGAAGGCCACAAGGGAAGAGGAAGAGGAGAGGAAAAGAGGCCAAAGGAA GAGAGGAGGCCACAGGGAGCCGGTTAAAAGAGGGAGGGGCACCAGAAAGA GCCAAGGCCAAAGAGAGGAAGAAAAAGCCACGGGGAAGCGAACAAACACG GAACCAAGGGGGAGGAAGAAGAAGGGGGATTAAAAGGGGGGAGAAAGGG AGACAGGAGGAAAAGGGGAGGAGGACGGGGGGAAGGAAGAGAGAGGGGG GAAGGGGGGAACCGGACGAGAGGGGGGGAGATTAACCGGAAAACCAGGA GGGGCAGGGGAAGGCCAAAGGAGGAAGAAAGAAAAAATAGGGAGAAGGCC GGAAAGGAGGAGGAACGGAAGAAAGGGGACGGAAAGAGGGGGCCAAAAG GAAGAGGGGAAGGGGAAGGAAAAAACCGGGGAAGGAAGGAAGGAACAGA GGAACACCGAGGGAAAGGGAGAAGCAAGAACCGGAAAAGAAAGACAAAGG GGAAAAAAACAAACGGAAGAAGGAAAGGGAAGGAGAGGAGAGAGAACCAG GAGGGAAAAGACGGGGGGCCAAGGGGGGCCAAAGGGGGGGGGAGAGGGA AGGGAAAAAGGAAAAGGAAGGCCAAAAGGAGGGGGGGAGGGAAAAAAGG GAGGGAGAAAGGAGAAGGGGGGAAGGAGGGGCAGAAGAGGGGGGGGGCG GGGGGAGAGACGGCCAGAAGGGGCCGGTTAAGGAAAAGGAAAGGAGGAG ACAGGGAGAAGGAGCCAAAGGAGGAAGGAAAAAAGGAAAAAAAGCCCCGG GGAAGGAAGGGGAAAAAAGGCCGGAAGAGAGACGGGGGGGGGCCAAGGC CAAGGAGGGCCAAGCGAAGAGGGAGGGGGGGAAAAGGCCGGAAGGGGGG AGAGAAAGGAACGAAAAGGGGGAGAGCCAGAAGGAGAAAAAGTTGGAGGA CCAAGGGGGGAGAAACCGGGGGCCACAAACAAAAAAGGGGAAAAAGAAAA GGGGAACCTACAAAACACAGAGAACGGAAAAGCCGGAAGGAGAAGGAACC AAAAAAAGCACCGGGAAGGAGGAAGAGGAAAAACACGAGAAGGGGCAGAC AAAGCCGGGAAGGAGAGGGGGGAAACGGCCAAGACCGGGGGGGGAACAA AAACCAAGGAAGGAAAGAAGGGGGGGGAACCGACAGAGGAAGAAGAAAAA AGGAAGGAAAAGGAGCCGGCACCAAGGAGGGGGGGGGGGGAGGAAAGGA ACAACCAAGAAAGGAAAAAAAAGGAACCGGTTAAAAGGGGGGGGAAAAGG AAAAGGAAGGGGGGGGGACCAAGGAAGGAAAAGGAAAAGGGGGGGGAAC CAAAAAAGGAAAAAAAAGGGGGGGGAAAAGGGGAAAAAAGGCCAAGGCCG GAAAAGGAAGGCCCCGGGGGGGGGGAAAAGGGGAAGGAACCAAAAGGAA GGAAGGCCGGGGGGAAGGCCGGAAAAGGGGCCCCAAGGAAAAAAGGGGG GGGAAGGGGGGAAGGAAGGGGAAAAGGGGGGGGAAAAGGGGGGAAAAGG GGCCAAAAGGAAGGAAGGAAGGAAGGAAAAAAGGAAGGAAAAGGGGAAGG AAAAAACCGGAAAAAAGGAAAAAAGGGGGGGGAAGGAAGGCCGGAATTCC GGGGCCGGGGAAAAGGAAGGAATTAAGGGGAAGGGGAAGGGGGGAAGGG GGGGGCCGGAAAAAAAACCGGAAAAGGAAGGAAGGGGGGAAAAAAAAGGA GAAAAGGCCAAGGAAGGAAGGAAAAGGAAAAAACCGGAAGGAAAAGGAAG GGGGGAAAAAAAAGGCCGGGGAAGGGGAAGGGGAAGGGGGGGGAAAAAA $G G G G A A G G G G A A G G G G G G A A G G A A G G A A G G G G G G A A G G A A G G A A G G A A A$

AGGAAGGGGGGAACCCCGGGGAAAAGGAAGGCCCCGGGGAAGGAAAAGG AA G GCCAAAAGGAAGGAAGGAAAAGGAAAAGGGGCCCCAAGGCCGGAAGG G G G G G G G GAACCGGCCAAAAGGCCGGAAGGAAGGGGAACCGGAAAAAAG GAAAAAAGGAACCAAGGCCCCGGAACCAAAAAAGGAAGGAAAAAAGGAAG GGGAAGGGGAAGGAACCGGAAGGCCGGAAAAGGGGGGGGGGAAAAGGGG AAAACCGGAAGGGGAACCCCAAAAGGGGAAAAGGAAAACCGGCCGGCCGG AAAAAAAAAACCGGAAAAGGAAGGAAGGGGCCTTGGGGGGGGAAGGGGG GGGAAGGCCAAGGCCGGAAAAAATTAAAAAAGGAAGGAAAAAAGGAAAAA AAAGGAAAAAAAAGGAACCCCCCAAAACCAAAAAAGGAAAAGGAAAAAAAA G GAACCGGGGAAAAGGGGAAAAAAGGAAAAAAGGAACCCCAAGGGGGGGG AAAAGGGGGGAAGGGGAACCGGAAAACCGGGAAGACAAAGGAGGCAAAAA AA AA $\operatorname{A} G \mathrm{GGGGGAGGAGCAGAGGGAGACAAGAAGGAAGAGAAAGGAAAAA}$ GGAACAAAAAGAAAGCAAAAAGAGGAAGGACAGGGAAGGAAAAGGAAGAA GCAGAAAGGGGGGGGCCAGACAGGAAGGAGAGACAAGAAAAAAGAAAGGA AGAGGAAACCCGGGGGGAATTGAGGGGCCAGAGAAAACCGGGGGAAAGG G G G G G G G G G G G G C CGGGGCAAAAAAAGAGGAACGAGGAAAAAAGGAGGG GAAGGGGGGAAGGGGGGGGCCAGGAAGACGACAAAAATTGACACCAAAAC ACCAAGGAAGGAAAAGATAAGAGGGAAGGGGGGGGGGCCAAGGGGGGGG GGAAAAGGAACCCCAAAAAAAAAAAAGGGGGGAACCAAGGAAGGGGAAAA CCGGAAAAAAAAAAGGAAAACCAAGGGGGGAAGGAAGGGGGGAAGGGGAA G G G GAAAACCAAAAGGGGGGGGCCAAGGGGAAAAGGAAGGGGAAGGAAG GAAGGAAGGAAAAGGAAAAGGAAGGGGAAGGGGCCGGGGAAAAGGAAAA GGGGAAAAAAAAGGGGAAAAGGGGAACCAAAAGGGGGGTTGGGGAACCAA AAAAAAGGGGGGAAAAGGAAGGCCAAGGAAGGAAGGAAGGGGCCAAGGG GAAAATTGGAAGGAAAAAAGGCCGGCCAAAAAAGGAAGGGGGGAACCAAA AAAAAGGCCAAGGCCGGGGGGAAAAAACCGGGGGGGGGGAAAAGGAAAAA AAAGGGGGGGGCCGGAAGGGGAAGGGGAAGGAAGGAACCGGAAGGAAGG AAGGGGAAGGAAAATTAAAAAGAGGAAGAAGGAAAAGGAAAAAAAAAGGG AAGATTACCCGGAGAGAACCCCGGAAAGGAAAGGGGAACACAAACCAAGG AAAAAAGAAAGGAGAAAGAAAAGAGGCCGGAATAAGGAGGGAGGAGGAAG AGGGAGGAGAAGAGAGGGAGAGGACCCCCCGGAAGGAAAAGGAAGGAAG GAAGGAAGGAAAAGGGGGGGGAACCGGAAGGCCGGGGGGGGGGGGGGAA AAAACCAAGGGGGGAACCAAAAAAGGCCGGAAAAAAGGAAAACCGGAAAA GGAAAAAAAACCGGAAAAGGAAAACCGGAAGGAAAAAACCAACCTTGGGG AAAAAAGGAACCAAGGAAGGGGGGGGAAGGAAAAGGAACCAAGGGGCCAA AAAAAAGGGGCCAAAAGGAAAAAAAAGGAAGGAAAAAAGGGGAAAACCGG G GAAGGGGAACCAAGGAAGGGGAAAAAAAAAAAAGGAAAAGGGGCCAAAA AA $\operatorname{G}$ GGGCCGGAAGGGGAAAACCGGGGGGAAGGAAAAAAGGGGAACCGGA CAAAAGGAGGGCAGGGGGAAGGAAAGAAAGGAAGGAAAGAAAAAGAAGGC CAGGAAGAGAAAAAAAACCCAGGGGGAGAGAAGGGAGAGAAGGGGAGTAA ACAGGCCGGAAGGGGATAGAGAAAAAAGGAAGGAGAAAGGAAGGAAAAAA AGGCCAGGGGGAAGGGGGGAAAAGGAAAAGGAAAAGGAAGGGGAAAAAA
 GCCGGGGGGGGAAGGGGAACCTTAAGGAGGGAAAACCAAGGGAGGCAAAA CAAGGGAGGAAACAAAAAAAAGGAGTTAAAAGAAAAAAGGAGAGAAAAAA AGGAAGGAGGGAAAGAACAGGGACACAGAGAAGGAAGAAAAGAAGCGCAG AA G G G G G G G GAAACCGGAAACGGAGGGAGAGAGGACCACCCAGGGGGAA GCAAAAGGAAAAAACCAAGGGAGAAGAAGGATACAGGGAACCAATAAGGG G G G G G G G GAAAAAGAGAGAGAAGGAAGGGGAAAAAAAAGGAGAGAGGGA AACGGGGGGGGGGGGAAGGCAACGGGAGAGAAGGGAGACAAAGGGGGAA AA G GAACCAAAAAAGGAAAAGGGGAAAAGGAAAAGGGACAAGAAGGGGAA GGAACCGGCACGAGGGAGAGAAAGAAGGGGAAGGAAAGAAAAGGGGGAG GCCGGAAAAGGAGGGGGGAAGGGGGGAGGCCAAAGAGCACAAAAACAAGA GAGAAGGGAAAAAGGCCGAGGGGAGGAAAACCCGAGGAGAAGGGGACCCA GGGCAGAAGAAGAAGGGAAAAAAGGGGAAGGGACCGGGGGGCCACGACC GCCCAAGGGAGAGGGAGGCCGAAAAAAGAAGGAAAAGGCCAAGGGGCCGG G GAACCCCGGGGAAAAGGGGGGAAAAAACCAACCGGGGAAAAAAAGGGGA AGAGAAGGGAAGATAAAAAGGGGGGAGGACAAAGAGCCGGAGGGCCAGAG GGGAAGAAAAGGGGGGGGAAGAGGGGGGAAAGCCAGCCAAGGAGAGAAG GAAAAGGGGGGAGGGGGAGGGAAAAGAGAAAAAAAGGGGAGGGAAAAGG AA $A$ AGAGAGGAGGGAAAGAGAAAAGCAAGAAAGGAGGGGGGAGAGCGGA

G G G AA G GAAGGAGACAAGAAGAGGAAAGGGGGGGACCGGAAGAAACCGG
 AGGGACAAGGGAACAAACAAGAGAAAAAAAAAAGGGGGACCCAGCCAGAA G GCCAAA $\operatorname{CA} A \operatorname{GGGGGGGAGGGGAAGGAAAAGGGGACAGGAGAAAGAAGGG}$ GAAACGAAGGGAAGGAAAAAAGGAAAAGGGGGGAGGAGAAAGAAGGAACG G GAAAAAAGGGAAGGCCGGAACAGAGGAAGGAAAAAAGGAAAAACGGAAG GAAAGCCAAAGAGGGAGGGAGAGGAAAAAGGAGAGAAATAGAACCGGCCG AAA $A \operatorname{GGG} \operatorname{GAAA} \operatorname{A} \operatorname{GGGGGGGAGGAAGGACCGGGGAAGAAGAAGGAAAAGG}$ GGAACAAAAGAGAAAAGGGCGGAGAAAGAAAAGAAGAGAGACAAAAAGGG GAAAGAAAGGAAGGCCAAGGGAGAAGGGAGGGGAAGGGGGAAGGGGAAA AA $\operatorname{GAAACAAAGGGGGGGGAGGGGGGCCCCAAAAAAAGTTGGGGGACCAAG}$ GAGAAGGCAGAAGGGGGAAGGAACCGGAAAAAGGGGGGGGGGGGAGAGA AGAACCAAGGGGAGAAAGTTAGATGAGGAGGGAAGGAAGGGGAGAGGGG AAGAGAAAAGAAGAAGGAACCGGGGAAACGGGGGAGGGGAGAGAGAGCA GGGAGAGAAGGGAAAAAAAGGAAGGGAAAAAAGGAAAAAACCAAGGTTAA CCAAACGGAAGGAGGAAAAAAACCGGGGGAACGAGGAAGGGGAAGGAGCC CACCCCGAGAAAGGGGCCCCCCGAAGCGAACCAACCAAGGGGGACCGGGG GGGGAGGGACACAGAACAGAAAGGAACCCCAAAAAAAGGAACGGGGAAGA GAGGAGGGGAGAACAGAGAACAAGAGAAGGAGGACCGGCCTAGGACAAAA GGGGAAGGGGGGGGGGACGAGGAGAGGAAAGGAAAAGGGGAAAGAAAAA ACCGGGGCAGGAAGAAAGGCCCCAAACAAAAAAGAAGAGGAAAGGAGGGA G G G A GA GACCAAGGGGGGGAGAAGAAGAAGAGAAAGAGAGAAAAGAAGGC CAAGGGAAAGGGAAAGGCCCCAAAGCCAGGACCGGCCAGGACAGAGGAAG GCCGGAGAAAACCAGAGGAGGCCAAAAGGGGCCGACCCCCAGAGAGAAAA AACGGGAAACCAAGGCCAAAGCAAGATGGGGAGGGAGGAGGGGAGGGAA GAAACCAAAAGAGAAAAACCAAGGAGGGGGGGCCGAAACCAAGGGAAAGG AGAGAAAAGGGGATGGGGGGAAGAGAGAAAACAAGAACAGCAAAGAAGGG GGAGAGAAGGAAAACCGAGGAAGACCGAGAGGGGGGCCCCCCAGAAGGGG GAGACCAAGGGGAACCAGAAAAGGAAGAGGGGGAAAACAGGGGGGGAGG GCCAAGGAAAAAAGGGGCCGAGGAGAGAAAAGGAAGGAAGGAGGGGGAC GGAAAGGGGGAGGGAAGGGGAAAGGGGGGAAAGGGAGGCCCCAGGAGGA AAAGGAAGGAAGGGGAAGACCAGAAAGAAAAGGAAACAAGAGAAGGAGGA AGGAAGACAGGGGAAGGCCGGAAGGGAGAAAACGGCAGAAGCAATAGGAA ACCGGAGAAAAAACAGGGAAGAGGAGAGACCGAGGAAAACCAAAACCGGG GAAAACCGAAAAGGAGGAAGGGGAAGGGGAAAAGGGGGAAAGGAGAGGG AAAAAAGGTTAGGGAGAAGGCGGGGGAAAAGGAAGGCAGCAAAAGGAACC GAGGAAAGGCACAACCAGGGAAGAAAGGAAAAAAGGTTCCGGCCACGGGG GGGGACCCAAAAGGGACCAGCAAAAGAAGGGAGGGAGGAAAGAGGGCCGG G G G G G G G G G G G G A G G GAAGGAACCAAAAGGGAGGAAGGAGAACACCAAA AGGCGAGGAGAAACCGAGGCCTTGGAAAACCGGAAAGGGGGGGAGGAAAG GAA G GAAAAGGCCGGGGGGGAAAAAGGAAGGAAGAAGACAGAGGGAGGG GAGAACACGAAGAACCGGAAAGAAGGAAGGAAAAAAAAAAAAGGGGGAAG AAACGGAAAGGGAAGGCCAGGAGGAAGAAGCCAAGAGGACCAGGGGGGGA AGCAAGGGAAGAAGGGACAGAAGAGGCAAAGACAAGAAGAGGAAAGAGGG GAAGAGGGGGAAGGAAAAGGAAGGGGGACGAGGAACGAAGGGAAGAAAA AGGAAGGGAGAAGAGGGAAAGAAAAGGAGCCAAGACCGACAGGAAAGAGA A G A G GAGGGGGGGAGGGAGGGCCAAGGAGACAAACCCAAACAGACGGCCA A GAGAGGGGAAGGGGCAAGGGAACCGAAAACGGGGAGAGACGAATGGGA CCAGGGAGAAACGGGAAGGGAAGGCCAACCAACCCCAGAGACCCACGGCC AAAAAGCCGGAAAGGGGGAAAACAGGAGAAAAGGAAAGGGGGGGAAGGAA GGGGAACCGGAAGGAAAGAAAAGGGGGGAAGGGGCCAAGAAGAGAGAGG AAAAAAGGGAAGAGGGAGGGGGGAACCGGGGCCCAACGAAGGGTAAAGAA GAGGAGGAAGGGGAAGGGAGGACGGAACAGGGGAGGGAGAACAGAGGAG GAAAAAGGCACCAGAAAAAGAATAGGGGGAGCAGGAAGAGAAAGCAAGGA AAGAAAAGAAAAAAAAGGAAAAAGAAAGATCGGGGAAAGGAAGGACAAAA AACCGAAAAATAAAAAGAGGCCAAGAACAGACAAAAAAAAGAAACGAAGGA GAACCAAGGAAGGAAGGAAGGTTGGGGAAGGAAGGGACCAAGGGGGGGG AAAAGGGAGGGAAGGAAGGGGGGGAGACAAGAATAAGAGAGGCCGGGAA GGACCGGAACCAAAAAGTTAAAAGGAAGGAAAAAAGGAAGACCAGAGAGA AAAGGGGAAGAAAAAGAAAAGAAAAAGGGGAAGGGAGAAAAAAGGGGCCA AAAGGAAAAGGGGGGAAGGTTGGCCGGAAGGGGAAGGAACCAAGGCCGG

AA G GAAGGAAGGGGAAGGCCGGAGGAGGGAAAGGACAAGGCCAAAAGAG GGGAGGACCGGAAAACCCCGGGGAAGGGGCCGGGGGGGGGAGGGGAGGG AAAAGGGGAAAAAAGGAAGGAGAGGGGGAGCCGGGGGGAGAAAACCAGAA GGAAGGACAGAAGGGAAGGGAAGGGGGGAAAACAGGGAAAGGAAAGCCG G G G G G A G ACGGAAAAAAAGGGCCGGAAAAGAAGAGAAAACAGATTGAGAG A GAGGGGGGAGGGAGCCGAAAAAGGAAAGACGAAAAAGAAGCCAATTAGA ACCAAGGAGAAAGGGAAGGAAGGAACCAGAAGGAAAAAAAAAAAAAGAGG GAGGAAAAAAAAGGGAAGGCCAAAAAAGGGGAAGAGGAGAAGGAGGGGGC CCCGGCCAAGGAGAGACGGAAGAACAAAAAGAGAAGGAAGGGAGGGGGGG GCCAAAACCGGAAAACCAAAAAAAAACGGGAAGAAAGGGCAGATTGGGGG GAAAGACGGAAGGGGCCAAGGGGAAGGAGACGACGAAGGAGGAGAAAAG GGGGAACGAAAAGGAACCGGAAGGGAAAAGAACCAACCAGAAAAAAAAAG GAGGGAGAAGGGAAAAGGAAGGGCGGGACCAAGGCAGGGGAAAAAAAAG GAAAAGGAAAAAAGGAAAAGGGGAAGGGGGGGGAAAAAAGGGGGGAAGG G GAA G G G GAA G GAAGGGGGGAAAAGGAAGGAAGGGGGGGGGGGGGGAAA AGGAAGGAAGGGGGGAAAAGGAAAAAAGGGGAAGGCGAAGGGGGGCCAA G G AAAAGAAAGGAACCAAGGGGGGGGGAGGAGGACCAAGGGGGAGGAGG GCAAGCCAGAAAGGGAAAAGGGGAAGGGGAACAGGTTAAGGAAGGAAAAA AAAGGAAGGGGGAGGGGGACAGCGGAAGGAAAGAGGAAGACAGAGGGGG AGCCAGAGGGAGAGAGAGAAGGGAAGAGAAAACAACCCAAAGAAGGGGGG TTAA A G $\mathrm{G} A \mathrm{~A}$ GGGGGCCGGGAGGAAGAAAGGGAGGGGGGGGGAGGCCGGA AAAAAAAGAAAAAAGGGAAGAGGGAAAAAGGAAACGGAAAGGGAGCAGGG G G G G GAA $\operatorname{A}$ GAGGGGGGGGGGAGGGGGGGACCGGAAGAGGGGGGAAAAAG GAAGAACCGGGGAAAAAAAGAGGGAAGGAAAAGGAAAGAGAGGGAGAAGG CCGAGAGAGAGGGGGAGCGGCCCAAAGGAAGGAAGGCAAAAAAGAGAGGG A G A G GAA $\operatorname{lng} \operatorname{GGGAGGAGACAGGAGGGCCAGGGAAAAGACAACAAAAAAGG}$ ACACGGAAAGTTAACCGGCAAGGGGGAAAAAGCCAAGGACGGAAAAGGGG CCAAAGGAAGGGAGAAGAGAGAAGGGGGGGGAGGCCAAGAAGAGAGAAA GGGAGAAACGGGGAAAAGGGGAATTGGAAGGGGGGGAGGGGACGAAAAA GAGAAAACAACCATGCAGGACCCCCCGGAGGGAAAGAAGGGGAAGAAGGG AACCCCGGGGAAGGAAGGGAGGGGAAAAGAAAAACCAAGAGAAAAAGGAA ACGGCAGGGGAGGGGAGGAAAAGAGGGAAGCAGGAGGATAGGAGCAAAA GAGGGAAAAGCCCCCAGAAAAACAAGGCCAGGAAACCGGGAGGAAGGGGG GA G G G GA G GAA G G G G G A GACAGGGAAAGAGGGACCCCGGGCAGATGGAG AAAAGAACAGGAAACCGGGAGGAAGGAACCGGGGTTGGAAGGGGAAAAAA AGAGAGGGGGAAAAGGAGCCGACCGGAAAAAGGAGGGGGGGGAAGGAAG GCCGAGGGAGGACTTCCAGCCAAGGAGAGGGGAAGGAGGGGGGAGGGCA GAGGGCCAAGAAGAACAAAGGGGGCCAAGAAGAGAAGGAAGGAAAAAAAA CCGGGGGGGGAGGAAAAACCGAAAAAGGCCGAAGAAGACCAAAAGGAGAA AACCACAAGGGGGGAAGGGGAGGGGGCCAGAAGGAGAAGAAGAAAGAGAA AACCGAGGGAGAAAGAGGGGCAAAAGAAAACAGGGGGGCCAAAAGAAAAA G GCCGGCCGGAGGGACGGGAGGGAACGACAAGGGGGAAACGAAAGCGAA AGAAAAAGACGAAAAGGGGAACCGGAGAGGAGAGGAGAACAAGGGAGAAA ACCGCAAGGGACAAAAAGGGAAAGAACGGGGGGAAGGGGAAAAGGCCGAA GGGTAAAGGACAAGAAAGGGGAAGGAAGGGGAAAAGGGGGGCGGAAACA CATTGCGGAAAAAAGGAAGGCCAAAAAAGGAAGGAAAAAAAGCCGGGGGA AA G GCCAAAAGGCCGGGGCCGGGGAACAAAGAAAGGAGAAGGAATTGGGG GAACGAATGGAAAAGGAAGGGGAAGGGGGGAAGGCAAGAGAGGGGAGGA AGGAAAACCGGGGAAAAGGGAGAAGAAGGGACCAAAAAAGGGAGGCAAGG G GAGAGGGAAAAGAGCCAAGGAGACAAAAAAAAGGAGAGGGAGCCGACAG ACACCAGAAGGAAAAGGAAGGAAAGGGAGAAGGAGAAAGAAGAAACCGAA GAA G G GA GACCACGGGGGGGAGAAGGGAAGGAAGGGGGGAAGGAAAAGG CCCCAAAAAAAAGGCCGGGGGGGGAACCAAAAGGAAGGGGCCAAGGGGGG GGCCGGGGGGAAAAAAGGCCGGGGGGGGAAACCCAAGGAAACGAGAGGA AACGGGGAACAGAGGAGGGAGAGAGGACAAAGAGGCCAGGAAACAAAAAA AAAAAGAGGAGAAAGGGCCCCCCAAGGGGAAAAGGAGAGGGGAAAGGGGC CGGTTCCGGGGCCGGAAGGGAGGGGAGAAGAAAGGGGAAGGAAAAAAGG GAGGGGGGAAGACAGGGGGAGGGGCAAAAAGGCATAAAAAGAAGAGAGA GAGAGAAAAGAGGAACCAAGGAAGGGGGGCCAAAACCGGAAAAGGAAAAC AAAAAAACAGAGGAGCAAAACGAGGGAGAAGGGAAAAGGAAAGAAGGAAG AAAAGAAAAACACGGAGACAGCCGGAAGGAAGGAGAAGGAAGGAAGGAAG

GGGGGAAGGGGGGGGAAAAAAGGGGAAGGGGAACCAAGGAAGGAAGGAA G G G G G G G GAAGGGGAAGGAGCCTTGGGGAAAAAAGGAAAAAAGAACGGA AAAGAGAAAAAAGGGAAAGAAGAAAGGAAAAAACCGAAGAAAAGGGAACA A G G A GCCAAGGGGGGAAAACCAGACGGGGAGAAAAAAGAACACGGAAAAA G GAAAGGAAAGAAAAGGACCCGGGGCCGGAAAAAACCAACCGGAAAAGGG GAGAAGGAAGGGGGGCCAAAAAAGGAGGGAAAAAACCGGGGAAAAGAGGG GGGAGCCAAGAACAAGAAAGGAAAAAGAAGAGGAAAGAAAATAAAGGGGG GCCGGAAGGGAGGAAAAGAAGAGAGGAGCGGAGGGAGGGCAGAAAGGGA AGAACCGGAAGGCCGGAAAAGAAGAAAAAAAAAAAAACAAAGAGAAACAG AGAGGAAAGGGGGAGAAAAAAAAAAAGGAACAAGAAGAAGGAAGACGAAA CCAGAAAAGGCCAGGAGGCCAAGGGAAAGCGGCCAGAAAGAAAGGGAGGG AAGAGGAGAGACAAGGGGACGACAACAAGAAACCAAGGGGGAAGCCAGGA AGCCCCGAGGGGAGGAGGAAGGGGAAGGAACCAGCAGGATGAGGCCGGG AAGCCAAAAAAGGAAAAGGAAGGGGAAGAGGCAAGAGCAAGAACCGGAAC CAGGGAAGGATTTGGATCCGGGAGGAAACCAAAAGCACAGGCCGAAAAGG AAAGGACGAGAGGGGAAACCAAAGGAAGGGGGGAGAAAGAACAGGGGGG AA $\operatorname{A}$ GGGGGGACCGGGGGGCAAAGGAAAAAGCCCCCAGGAAGGAAGGAACC AAAAGGAACCGGGGAAAAGGAAGGGGAAAGAAAACCCCAAGGAGAAGGGA G G GAA $\operatorname{la}$ AGGGAAAAAGGGGGACAACACAGGGGAACGAAAACGGAAGGAG AGGGGCAGGGAGAAGGAACCACGGAGGGACGGAAGACCAGGGAAAAAAGG AGGGAAAGCAAGGAGGCAAAGGAAGAACAGAGAGAAGGCCGAAAACAGGG GAAGCAGGGGAGACAAGAGGAAAAGGGGGAAAAAAGAAGAGACAAAGGAG AA $\operatorname{l}$ AGGCAAAGGAAGGGGGGAATTAGGGCAGGAAAAGGGGGGGGCCAGA CAAGAAAAGAAAAGAAAAAATGGACAGACGGGAGAAAAAGGGGAAAGAGC CGGAAAAAGAAAGAAGAAACCAGTAGGAAAAGGGGGGAAAGAGGGGGGGG G G G G GAA G G G GAAGGGGAAGGAAGAAGGGGGAAGGGAAGGACCAACCGA GGAAAGGAGGGGAAGGGAGGGGAAGAGGGGTTGAGGCAGGAAGGAAGGA GAGAAAACAGGAGGACCGGAGAAAAAAGGCCCCGGCCGGAAAAGAAGGGG GAGGACCAGAGAAAAGAAAAGGGGGGGAAGGGGGGGGAAGGGGGGGGAA CCGGAAGGGGCCACAGGGGAAAACGGCCAAAAGGACGGGAGGGAAGAGG GGAAAAGGAGAGGGGGGGGAACCGGGGAAGAAAAGAGAAAGGGGGAGAA AAGAGGGAAAAAAAAAAAGGGGAGGAGAAAAAAGAGGGGGCCGAGAGGGG AAAAGAAAGGGGGACCGGGAAGCCCAGGGGAAAAAAAAACAGAAGGGGGG G GCCGAAACCGGAAAAAAAAGGGGGGAAGGAAAAGGGGGGAAAAGGGAG G G G GAAA GAA GACTTAGGAAAGGAAGAGGAAAGGGAAAGGGAGAAGGGAC CAAGGGGAAGGCCCCGGCCAACGCCAGAGAGCCGGAAGGGGCCGGAAAAG AGAGAAAGGAGAAACAGGAAGGGAGGGAAGGAAGGAAAGAAGACCAAGGC CAAAAGGAAAACAAAAGGGAAAAGGGGGGAAGGGGCCAAAAAAAAAAAAG GAAGGAAGGAAGGGGCCGGGGGGAAGGGGAAAAAAGGAAGGAAGGAAGG CCGGGGAAGGCCAAGGGGGGCCAAGGGGGGCCGGAAAAAAAGGAAGAAG GAAGGGGAAGAAAAAAAAGGGAGAAGGGGAAGGGGGAGGAGAGAAGAAA CAAGGAAAAAAAGGGGGAGGCAAAAGAACCCCACAAGGGGCCGGAGCCCC GGAAAAAAAAAAGGCCGGAAGAGGGACAGGAAGGAAAGAAAAGGAGAGAA AAGGGAAAAAACAGAGCAAGGAAGAAAGACAGAAAAGGAGGGCGAAAACC AAAAGGAAGACAGAAGGAGACCAGGGAAAGCCAAAAAAGGAACCGGAAAA AGGCATGCGGGAAAAAGGGGGGCCAAGGAAAAAACGGGAAGACGCCCCGG AA G G G G G GCCGAGGGAGGGGGGCCGAAGCAAACCGGGGGGGATAAAAAA A G G G G G GCCTAAGAAAGAAGAGGAGGGGAAGGGGGAGAAAAAAGGAACCA C GCAGGAAGACGGGAGAAGGGGGAGAAAAGAGGGGAGAAGAGGAACCGA AA GAGACAAGGGGAAAGGACGAAACAATAGACGGCAGGAAGGAAAAAAGG CGGGGGACAAGAAGGGACAGAGGGAGAAGGCAAGAAAAAAGGGAAGAAAC AAAAGAGGGGGGAAGGCAAAGGGAAAGAGAGGGGAGAAAAAGAGAGAACC CCAACCAAAAGAGAGGCCGAGGGGGGCCAGAAGAAGAGGAGAAGGAACAG G GA GAAAAGGGGAAGGAGAACCGGAAAAGGCAAAAATTACAAAAGGAAGG G GAA $A$ AA $\operatorname{G} \operatorname{GAA} \mathrm{A}$ GGACAAGGAAAAGGGGGGAAGGCAGCCCAAGGCCAAGG GGAAGCAAGAAGGACCGAAGAAAAGAGGAAGGAAGGAAAAAAAACCGAGA A G G G GAA G G G G A A A GAGGAAGGAAAAGGGGGGAAAAGGAAGGAACCGGG GGGAGGGCAGAGGGGAAGGAAGGGCAAAGGAAAGGACCCAAGACAGAGG GGGGACCAAGCCGGAGAAAAAGAAGGCCAGACGGAACCCCAAAAGGGGAG AA $\operatorname{l}$ AGGGGAAAGTAGGAAGGAAGGGGGGAGAAAAAAGGGAGGACCCGGG GGGAGGGAGGGAAAAACTAGAGGAAAGCAGGAAGAGGAGGAGAAAAGGG

AA GAAAAAGGCAGGGGGGAAAGAGGGAAGGGGAAAAGGAAGGAAAGGGG G G G G GCCGAGGGGAAAACAAAGGAAGAAGAAGGGGAGAGAGCCGAAGACA GAAGGGAAAGGAAGAGGAAAGAAAAACACAAAGGAGAGAAGAGGAGGAAA AAAGGGGGGGGGACCACACGAAGCCAGAAAGAAAGAAAACCCAAGGAGGA AAGGAGAGACAGGAGGGGGAGGAGGCACCAGCAGGAGAAGACCAGAAAAA AGGAAAGAACCAAGGAACCGGGAGGGGAAAAAAAGAAAACCAAAAGGGGA AAACCAAAAAAACGGAAGGGGAAAAGGCCGGAAAAGGAAAAGGAAAACCG GAGAAAAGGGGGGAAAACCGGGGGGAAAAGGAAAAAAGGAAGGGGAAGG AAAAAAGGGGGGGGGGGGAAAAAACCGGTTAAGGGGAAAAAAGGGGCCG GGGCCAAGGGGCCGGCCGGAAAAAAGGAAGGCCGGAAGGAAGGGGAAAAA AAAGGCCGGGGAAGGAAAAGGACAGGAAAGGAGGGAGAAGGAAAGGAAG GGGGAGCCCCGGGGAAAAGGGGCCAAGGAACCGCGGAGAAGGAAAGGGG GAACCGGAAAGGGAGGAGGGGGGAAGGAGAACAGGAAGGGGGGGGCCGG GGAAAAGGGGGGCCGGGGAAGGGGCCAAGGGGAAGGAAAAAAAAGAAAA GAGGAAGGGGAGGAGAGGGGGAAGAGAAAAAAAAAGGCCCCCCGGGGAC GAGGGGGAAGAGGAAGGGGGGGGGGAACGACAAAAAGGAAGGGGAAAGG A G G G G G G G G A A G GAAGGGGAAAGACGAAAGAGATAGGGGAAAAAAGGGG
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AAAGGAAGGAACCCCCCAACCGGGGAAAAAGGGCCCATTGGGGGGGGAAG GCA $\ln A \operatorname{GA} A G G G A G G A C C A G G A G G G G A A G G G G G G G G G G A G G G C C A A A A G G$ CCAAGGGAGAAGAAGAAAGGAAACAAGGAAGGGGAAAAGGAAAAAAAAGG AAAAAAAACCCCCCCCAACCAAAAGGGGGGAAAAGGCCGGGGGGGGGGCC GGAAAAGGAAAAAAAAGGCCAAGGGGAACCCCGGAAAACCGGAAAAGGTT G G G GAA G GAAAAGGGGACCCAGGGAAGGGACAGAAAGGCCAAGGAAAAAA G G G G G G G GCCCCGGCCAAAAGGAAAAAAGGAAGGAAAAAGACGGGGAAAA G G G G A A A A G G A A A A A A G G G G G GCAGGAAAGAAAAACGAAAAAAACCGGAG G G G G G G A G A A G GCCGGAAGGAAGGGGGGAAAAGGCAAGGGAGAAAAGGA GGGAAAAAAGGGACCAAGGGGAGGGAAGGAAAGAAGGAAAAGAAAGGAAG GCCCCAAGGAACAGGGGAAAAGGAAGAAAAAAGAGAAAGGAAACCAAGGG
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 AA $\operatorname{G} \operatorname{GCCGGAGAGGGCCAGAAGGGGAAAGGAGAGGCACCGGAAAAAAGGCC}$ AAA $\operatorname{l}$ GGGGAAAGAAGGGGAAGAAGAACCGGGAAAGGCCAAGGGGAGAGAA AAAAGAGAAGCCCCAAAGAGAAAAGGGGAGAACCAAAAAAAAAGGGGGAA ACGGCCAAAAGGAAGAAAGACAGAAGCAAAAACACCGGAGGGAGAGAGGG CACAGGAAGGGGAGCAGGAGAAAAGGGGGGGGGGAGAAGACCAAAGGGA AGGAAAACCAGAAGGGGGGCCGGGGGAAAGGGAGGAGAGGGGGAAAAGG AACCAGGGAAAAGGGGGAGACCAAGGGGGAAAAAAAAGAGGAGGGAGGAA AAGAAGGAGGAAGGACACAAGGAAAGAAAGAACCGGAACCGGAAAAAAAA GGGAAACCAACCGGCCAAGAAGAAAAGGGGAGAGAACCGGACGACAAAGA GGAAAAGGAAGGAAGAACGGGGATGGAGGAAGCCGGGGGAGGCAAAGAA AAAGGGGGAGAGGCCAAGAAGAAAACAACGGACAGGGAAGGAAAGGAAAA

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 CGGGGGAGGGAAGAAAAAAGGTTGGAAGGAAAGGGCCAGGGAGCCGGGA GAGGCAAAGGAGAGAGGGGAAAAACCACGGGGGGGGAAAACCAAGAGGAA GGAAAAAGGGAAAAAAAAAAAGCCGGGAGGGGCCCCGGAAGGCCGGCCGG AAAGGAGGAAAAGGAAAAAAGGGGGGGGACGAAAAA的的AAGGGGGGAGG G GACCGAAGACGGGGGGACAGGAACAGGGAAAGAGGGACGGGGGGGAAG ACGGGGGGGGAAAAAAAAAGAGAGCAAAAAGGGGGATTAGGAGAGGAAGG GGCCAAAAAAAAAAGGGGGGGGAAAAGAGGAGGGAGGGAAGACAAGGAGA CAAGGGCCAACCAAAGAGGAAGCCAAGAAAGGAAGGGAAAACAAGAGCAA CCAACCAAAAGGGGAAAACCGGGGGGTAAAAAGAAAGGAACCGGAAAAAA GGCCGGGGAACCAAGGAAAAGGAAAAGGCCAAGGCCAAGGAAGGCCGGCC

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G G AA G G G GAAGAGGAAAAAACAGACCCCAAAAGGAACCAGAAAAGGCCAG AGGAAAGGAAGGAACCAAAAGAGAAACAGGCCAAAAAAGGGAAAAAAGAA CCAAGCAACCAAGGAAAAGGGGGGGAGAAAGGCAGGAGGGGGGGCAAAG GCCAACCCCCCAAAGGGAGAGAAGGAACCGGAGGGGGCAAAGGGAAAGGA AAGAAAAAAAAGGAAAAAAAAGGGGCCGGGGCCGGAAAGGGAGAGAAAGC C G G G GA GAGAGAAGAGAAAAAGGCAGAAAGGGGGAAACAAAAAAAACACG AAAAAGGGACAGGAAAGAAGACAAAGGAAGGGAAGAACAGGGAGAAAAAA AGGACAGAGGGTTGGCAAAGGGGAAAAAGAAGGGGGAGGGGGGAACAAG CCGGGGAAGGAAAAAAGGGGGGAGAAAAAAGGGAACCAAGGGAACCCCAA AGAAACAGAAAAAGGGGAGGGAGGGGAGGGGGGGAGAGGGAGAGGGAAG GAACAGGGGGGGGAAAGAAGGGGAATTAAGGAGAAGACCAAGCAAAGAAA AGAAGGACCGGAAAAAAGGAAAAAAGGGGGGAAAAAAAAAAAAAGCCAAG GACGAGGACCAAAAAGGGAGGAGGGAAAAAAAAGGGGGGAACCAAAAGGC CAAAAAAGGAAAAGAGGGAGAGGGAAGAAAGAAGGGAGGAAAAGAATAGG
 AAA $\operatorname{A}$ GAA $\operatorname{A}$ GCCGGGGGGAAAGAAGGGGGGGGGGGGGGGGCCGGGGGGGG AAAAGGAACCGGAGAGAGCAGAAAGGGGGGAAAAAAGGCCGGAAGAAAAG CCGGAAGGGGAAAAGAGGAGGGAAAAGGGGGACCGACCGGGGAAAACCG G G G CCTAAGGGAAGGGGGGAAGGAAACAAGAGGCGAGAGGAGGAAGACC GAAGGAGGGAGGAGGAAAAAAAAAAAAAAAAACCCGGAGGGACAGGACCC AAAAAAGGAGCCGGGAGGAGAAAGGGGAAAAAGGAAAAAAAAGGAAAAAA AA $\operatorname{A} A \mathrm{~A}$ GA $\operatorname{GA} \mathrm{A} A \mathrm{~A} G \mathrm{GCCGGGGGGGGCCCCGGAGGGAAAAAGCAGGCGAAA}$ AAAAAGGGGAAAAGGCAAAACGGAAAAGGGAAAAGGGGGAGCCAGCCGGG G G GAGGGAAGGGGGGGAGGGAGGGGAAGGCCGGCCAAAAGGCAGAGGCA ACCCAGACGAGAGGGAGGGGGGGGGGGACCAGGAACGGGGAAGGCCAAA AAAGGAAAACAAAAAGGAAAAGGGGGGAAAAGGAAACAAGACAGGCCGGC CACCCGGCCAGGGGGAAGAGGAAAAAAAAAAAAAAAAAGAGCCAAGGCCC AGGAAAGAAGGAGGGAAGAGGGAACAAGAGAAAAGAAAAGGAAGGAAGGG GAGAAGAGAGAGAGAAGCAGGGAGAAGAAGAAGGGCAGGAGAAGAGGAG GAAGAAAACCATGGAGAAAGGGAAGGGGGGCCTAAAGGAACCCCAGAGGA AAAAAGAAACACGGGGGGAAGAAAGGAGAAAGGGGAAGAGGGGGACCCCA GGGAAGGGCAGAAACCGGGACCAAGGAAGGGGAAGGAAGGGGAGAGGAG G G G GAAAGGAAAGGGCAAAAAAAGGAACCAAGGAACCAGAGAGAAGGGAG GCCGGAGGGGGGGGAACGAGGAAGGAAAAGGGGAGAGAGGAACGGAACC AA G GAA $A$ AAAGGGGGGAAAGAGTTAAAGAGGGGGAAAGACGGACGGAGG G G G A G GAGGGAAGACAGAGCCAAGGTTAGGGGGAGAAAACAAAGGAGGAA ACAAGGGCCAAGACAGGAGCCGGAAACCAGAAAGGGGAAAAGGAAAAAGG G G G G G G A CAAA $\ln \operatorname{G} \operatorname{GGGGGGGGAGGAGGGGAAAAAAAGAAGAGCGGGGGG}$ A G G A G A G G AA GAAGGGAAAAGGAAAAGGCCGGAGCCGGAAAAAAAAAAGG AA $\operatorname{l}$ GGGGGGGGGAAGAGGGGAAGGGGAAGGGGGGAACCGGAAGGGGAAA G G G G G G G G G A A G GAGGAAGCCCAAAGGGAGAAGAAGGGGAAAGGAAGGG GAAAAAAGGAGGAAAAAACCAGTTGGACCCAGGGGAAGGAAAGGACGAAA GAGGGGGGAGGCAAAAAGCAAGGGGGAAAACCGGGGGGAAAAGGAGGGG GGGAAGGAAAAAGAAGGAGGGGAGGCCGGAAGACCGGAGAAGAAGAGAA GAAGAAAAGGGAACAACCCCCCGGAAGGAAGGAAGAACCAAGGAAAGGGA AAGGATAAGAGCTTAAGGAAAGAAAACCACAGAGAAGGCAGGATAAAAAA CCGGAAAAAAAAGGACGGGACACCAAACAAACAGAGGGAAGAGGGGAAGA AA G G G G G G G GAAGAGGAAGGAGAAGGGACAAAAGAGCAAGCCGGAAGGA AGGAAAAGGAGAAAAAGCAGGGAACACGAGGGGCCGGAGCCGAGACCGAC CAGGGAAGGAGAACCAAAGAGAGCCGGGGAAGGGAAGCCAAAAGAGAGAG GAAGAAGAAGGGGAGGGACAAGCAGAGAGACTTGGAGCAAAGGCCGACAG GGAGAAAAGAAAAAAAAAAAAGGAAGGAAACGGGAGGGGATGGGAAAGGG G G G GACAAGAAAAGGGGGGCCCCAAGGAAGAGGAACAGAGGAAGGAAAAC CGGGGCAAAGGGGTACAAAAAGGCCCCGAACAAAAAAACAAAGAAAGGAA CAAGGGGAAGGACGGCCCAGAGACACCGACACCGAAGGCGACCAAGGAAA AA $\operatorname{l} A A \operatorname{A} G \mathrm{GA} \operatorname{AAGGGGGGCGAAAAGGAGGACAGGCCGGAAGGAACCCCAG}$ GAAAGAAAGGAACCACAAAAAAAACCGGCGGGAAAAGGACCAAGGAAGAA AGAAACGAGGGGGAGGGAGGCAGGAGGAGAGGAAGAGGGGAAAACCAAG GAA $\operatorname{A} A \operatorname{A}$ GCCGGGGGGGGAGGGGGAGGAGGCAGGAGGGAAGGAGAGGAAA AAAGGAGGAAAAGGAAGAGGGGGGGGAAGGAAACAACAGGCCGGGGGAG AAAGGGGGGAAGGAAAGGAGGGGAAGGAACAAAGAGGGGAGGGGGGAAG

CAGGTTGGAGCCGGGGAAAAGAGGGGAAGGTTAAGGAAGGAAGGGGAAAC AA $\operatorname{A} G \mathrm{GGGGAAAAGGGAGGGAAAGGCAAAAAGGGGGGAAAAAAGAAAAGAG}$ AA GAGAAAGGCCAAGGCCGGAAAGAAAAAAAGGGCCGGGGAGACCAGGGA GGAAGGAAGGAAAACAAAGAAAAAACAAGGGGGGGGAGAAGGGGGGGGA A G G ACAACCGGAGAAGGGGGGCCAAGGGGCCGGGGAAAAGGGGAAAACC
 AAAGGAAAACCCCCCAAGGGAAAAAAAGGGGGGGGAAAACCAAAAAACCG
 G G G G G GAAAAGGGGGGAGAAAGAGAAGGAAAAGGGGAAGGAGGACCAGG GAAAAGACCAAGGCAAGCAGAAGGGGGCCGGGGAGGAGGGGGAAACCAAA CAGAAAAAGGGCCAGAGGAAGTACCAGAGAGGGGAGGGGAAAGAAGGAAA AGGGAAGAAAAGGAACCACGGGGGAGGGGAAAAAGGGGGGAGGGGAGAA CCGGAACCAGGGCCGGCCAGACAAGACCGGGGGGCAGAGGCCAAGGGGG GAAAAAAGGAAACAGAGAGAAAACCGGAAGGCCGGAAAAGAAGAAAAGAC AAAAGGGGGAAGGCAGGAAGGGGGAGGGAGGGGAAGGGAAGGAGGGGCC AAGACCAGAGAGGGGAAACCAAAGAGGGGGGAGGGGAAGACGAACCGGAG GAA $\operatorname{A}$ G G G G G G G G A GCCGGGGGGAAGGGACAGGGAAAGGGGAGAGGGAAG GGGCCGGGAAAGGGCACAGCCGGAAGGGGAAGGGAGAGGGGGGGGAAGG GAGGGGAGGGGGAGGGGAGACAAGACGGGGGAGGGGCCAAAAGGTTAAA GAGAGGAAGGGGGAGAAAAGGGGGGAGGGAAGAAGGAAACAGGAGGAAG AAAGAAGGAGAAGGAAGGGGGGAAAAAAGAACGGGAAAAGGAACAGAAGG GCCCGGGGGGACAGCCAGGGGGAACAGGACAGGAGAGGAAACAGGGAGA GAAAACAGAAAAGAAAAAGAACAAAGGGGGAGGAAAGGAAACCGAAAGGG GAAAACAAAACGAAAAAAAAGGGGGGGGAAGGGCAAAAGGGGGAAAAAAA AACGGAGGGAAACAGGGAGCCAAAGAATTCCGAAAAGAGGAGGCAAGACA GAA G GAGGAGAGGGAAAGGATAGGAGGAAGAGGGGAGAAAAAAGGGGGA AA $\operatorname{A} G \mathrm{G}$ GAGAAGGGGAAAACCAAGGAGAAGGGGAGGGGGAGAAAAGGGAA AACACAGGAAAGGGGAGGGGGGAAAAAAGAGAGAGGGACCCGGGAAGAGA AAAGAGGAAGGCCGGGGCCCCAAACAAGGCCGGGGAGCCCCAGAAAAAAA AGGGGAGAAAGAGGGGAAGAACCAGCCCCAAGGGGAAAAAAGGGAGAAGG G G G G G G GAAGAGGGATTGGACGAAAGGAAAGAAAAAAGGAGCCGGAAAGC ACAGGAGAAGGCCCCGGCCAGGAGGAGAGGACACCCCGGTTTTGGAAGAG G G G AAA G GCAA GAGGGGCAAAACGGAAGAACGGAAGAACAAGGGGAAGGG AAAAACCGGAACCCAAAAACAAACCGGAAGGGGGGAAAAGGGGAAGGGGG GCCCCAAAAAAAAAAGGAAAACCAAAAGGGGGGAAGGAAGGGGAACCGGA AAAGGAGGGGGGGCCAAGGGGCCAATTGGGGGGAAAAAAGGGGGGAAAA G GAAAA G GAAGGGGGGAGAAGGGAGGAAAGAAAGGAGGAAGGGGGGGGG GAGACAGGGGAGGAGGGTAGGAAAAAAGGGGAAGGGAAGAACCACGGGA G G G A A A A G A G G G G G A GAGAAAAGAGGAACAAAAGGGGACCGGAGAGAAAA AGGAAGGAAGGGCAAAAGGGAGGGAGGGGGGAAAGGAGGACCGGGGAGG AAGCGGAGAAGAAACAACCGAAAGAAGAGAAAGGGAAGAGGAGCCAGGGA AA G G G A G A GAAAGAAAAAAAAAGGAGGGGGAAAAAAGGAGAAGAGGGACA GAAGGAAAGAAGGTTAACCAAGGCCGGAGACAGGGAAGGAAAAAAAGGAG GGGGGAAAAGGGGGGAACCGGCCAAAGGAGGAGAAAAAAGGAAGAAAAGA GCCAAAAGGGGGGAAAAAAGGGGAAGGAGGGACGAGAGAAGAACAGGGG GGGAGGAAGGGGGGGGGGGGAGAACAAAGGAAAGAGGGAGAGAAGGAAA ACCACGAAACCGGAAGGCCCCGGAAAAAACCAAAGAAGGGGGGGGAGCCA AGAGGGGAGAAGGCCAAGACAGACCGGAACCAGACGGGGGAAAAAACGGG GAAGGCCAGAAGAGGAAGGAAAAGGAAAAAGAGGGAGGAGGAAGGGGCAA AAAAAGAGGGGAGAAGGAAAAAGGGGAAGAAAAAATTGGAAGGGGCCGGA G G G G G A A G GAAGGCAGGGGGAAACCGAAAAGGGGAAACACGAAGACCAGA AAAGGAAGGAGACGGAACAAAGGCCGGCCCACAGAGAAGGGAAGAAGGGG GCAAAAAAAGGGGAAGAAAAGGAGGAGCCAGGACAAGAAGGAGAAAAAAA G G GAAAATTGGAGGGGGGGAAAAGGCACAGGAAGAAAGGGGCAAAGGGA G GAGAAGGGGGAAAAAAAAAAGGGAAAAAGAAGGAGGGGGAAAGAAAAAA GAAACCAAGGGGAAGACACCGGGAGGAGAAAAAGAAGGGGCCAAGGAGAG AGGAAAGAAAAGAAAAGGAAGAAAAGCCGGAAAAGAGAAGCGACAGAGGG AAAGAGGGGAAGAGAAACGAGGGAAGACGACCAGACGGGGAAAAGGGGCC GAAAGGGGGGTTAACCAAGGAAAAAACCGAAGAGGGAGAAGAGGGGAAAA AGAGAAAAAAGGGAAAAACCAAAAGGAAGGAAAGGGGGGGCAGAGAGGGA CAGGCAGACCGGGGGGCCCCAGAGGGGGCCGGGGAAGGAAAGAGGGGGA

ACAGACCGGACAGGAACAGGGAGCAAAGGGGAAGGAAAAGGAGAGAAATA AAA $A$ GAGCCGAAGGGGCGGAGGGACGGCAGGGAGAAGGACCGGAAAAGG A G G GAAAAGGGGAGAGGAGGGGGGGAGGGGAGGGGAGGAGAAAAGAGAG GAACCGAGGCAAAAAGGAGGGAAAAAAGGGGGGAAGGGGCCGGGAATAAG AAAAAAAAGAAACAGAAAAAAAAAAAAAGGGGGCAGAGGGAAAAGCCGAG GAAAAAACCGCGGAAAAACGGAGAACCAAAAGAGGGCAAGGCCGGCCACA G G G AAAAAAGGCCAAAGGAAAGGAAAAGGAAGGAGAGAGGAAAGGCCAAA GGGACCAAACCGGAAAAGGAAAAAGCCGGGGGGCCAAGGACGGGGAAGGG G GAGAGGACAGGAGACCAAGGGGGGGGGGAACCAAGGGGCCCCAACCGG AAAAAAAAGGGGGGGGGGAAGGGGGGAAAAAAGGGGGGAAAACCAAAAAA CCGGAAAAGGGGAAGGAAAAAAAAAAAAAAAAAAGGGGGGGGAAAAGGGG G G G GAAAA G G G G G GCCGGGGGGAAGGGGAAAAGGGGGGGGGGGGAACCG GGGAAGGAAGGAAGGCCGGGGGGGGAAAAAACCAAGGAAAAAAGGAAGG GGGGGGCCGGAAAAAAGGAAGGAAAGAGGGGAGGTTAAGGCCAGAAGGG GGGAAAAAAAGCCAGGGCCGAAAAAAGAAAGGGGGGAAAAGAAGAGGGGG AAAGGAAGGGAGGGAGAAAAAAAACCCGAGGGGGGGAAAACCCGAAGCCG AGGTTGAAAAAAAAACCAGGAAGAACAAACAGGGAAAAGGAGGGGAAAGG GAAGGGGACGGAGCCCAGAAAAAGGAGAGACAGGAAGAAGGAAAAGGAGG GAGAGGGCCGCGAGAAAAACACGGGGAGAAAGGAGGGGAGGGAAGGGAG G G G A GAA $\ln$ CAGGGAGGAAAACCGGACGGGGAAAAGAGAAAAAGAGGCAAG CCCAGAGGGAGAAGGAGGGGAGAAAACAGACCGGGGGGGGAACGAGACG GAGGGAAGGAAGGGGAAGGGGCCGGGGAAAAGGAGGGCCAGAAAAAAAA G GAA $\operatorname{l}$ GGGGGGGAGGGAAACAAGGGGAAGAGGGGGGCCAAGGAGAGGGG G G G A G A G G GCCAAGGGGAAAGCCGAAGGAGGAAGGCAGAAAGAAAGGGG AAAAACCCAAAAAAGGGGAACCAAACAAGGAAGGGAAAGAGGGAGGGAAA AAAAACGAACGGAAGGGGAGAGAAAGGGTTGAAGGAGAAGCAAGAGGGGG AAAGAAAGAATTGAAAGAACAGAGGGAAGGAAGAGGAAACAAGGAGAAGG AGAGAGGGCCGGAAGGAAACAAAAGGAAGGGAAAGGGGGGCAGAGGCCG GGGAAAAAGACGAAAAAGGAAGGGGAAGGGGACAGGGCCGAAAAAAGGAG GGGGAACGGGGAGAAAAAGGGGGAAAAGAAG
$22043000-9$ AAAGGGCCGGGGAGAGAAGGGGGAAAGAAGGGAAAAGGAAGC CCCCAAGGGGGGCAGGAAGGGAGGCCAAAAGGAACCAAAAGGGGAAAAGG AACCGGGGAAGGCCAGGGCCGGGGAAAGCCAAGGAAAGAGAAGAAGAGAG A GACGGGGAAGGAAGGAACAAAAAAAGGAAGGCCGGGGCCGGGGAAAAGA AA G G GAGAAACCAAACGGAACAGGGAAAAGGGGAAAGGAGAGACAGCCGG
 AA GAACCAGAAAAGAGGAACCGGAAGGCAGGCAAAGAGAGAGGAAGGGGA A G G G GAA G GAAGGAAAGACAGGGGGGGAGCAGAGGGACCGAAAAAAAAAG G GAGGAGACAACCGGGGAAGGGAGGAACCGGAAACCCGGAGAAGGGGTA GGAAAAGGATGAAGAAAGGGAAGGAACCGAGGAAAAAAAAATCCGGGGCC G G G G AA GAAGCAAGAAGGAAGACAAAGAGAAAAGGGCAAAACAGAAGGGG AA G GAAAGGAAGGGAAGAGGGGCCGGGGGGAAAACCAGAAGAGAAAGAAC AGAAGGAAGGAAAAAAGGAAAAGAAGGGAGGGAGGAGAAAGAAACCGAGA AGGGGAAGCCAGAAGGAAAAAAAGGGAGAAAAGGAAAAGGGGGGGACCAA GGAAAAAAGGGAAAGAGAAGAGAGCACCCCGGAAGGGGGGGGGGGGAAA AAGAAGAAAAAAAAACCGGAAAGGGCCAAGGAAAAGGCCGGATGGGGAAA GGGAAAAACAAAAAAAAAAGAAGGACATTAACCAAAAGGAGGGGCGAAAA GAAAAACCCGAGGAAGGAACCGGGGAAGGGGCCGGAAAAGGCCAGCACAA AGGAAAAAGGAACGGAGAACAGAAAAAGGAAGGGAAAGGGGCGAAAAGGG GAAGGGAAAGGGGAAGACCAAGGAAAAAAGGAGCCCAAAGGAACCAAAAA ACCGGAAGGAAGGAAAAAAGGAGGGGGGGAACCGGGGAAGGAAAGAAAAA AAAAAGGTAAAATCAGAAGGGGGAAAACCGGGACAAAAAGAAAGGGAAGG AGGAAGACCGGGAAAGGAGCCAGAAAACCAAGGGAAGGAAAGGAGGAACG AAAAAAACCGGCCAGAGAAAGGAGGGGGAAGAGAGAGGAGGGGGAACGGC ACCCAAGAGAAAAGGGAGGCAAACCCCAACAAAAAGGGAAGGAGGAACCG AGACCAGGGAGGGAAGAAAGGAAGACCGAGGGGGAAGAAAAGGAAGGAG GGAACCAGAGAAAAGGCCGGGAAAAGGAGGGGGGGAAAGGACGAAAAGAA AA $\operatorname{la} A C C G G G G G G G G G A T A A C G G A G G G C C A A A G A A A A G A A A G G G A G A G G G ~$ GAAAGGGAAGGGGGGCAATAGCAAAGGAAAACAAAGGGGAAGACAGAAAG GGGAAAGCAGAGGAAGGGGGGGAAAAAAAGAAGACAAAGAGGGCAGAAAC CGGGGAAAAACAGGGGGAACCAGACGGCCAAGGCGCCGGAGCAAGAAGGC

CAGACAAAAGACCCCAACCAAGGGGAGGAAGGACCAGAAGGAGGGGACCA GAAAGGGTTAAGGAGGGAAAAGGGAGGGAGAAGAAAACCAAAGGAAAAAA G GAAAAGGGGGAAGGGGGGGGCAAAGGAAGGGGGGGGGGAGAAGGAAGA GAGGAAAAAAGGGAAAGGGGAAAAAAGGGGGAGGAGGGGGGGGACCGGG GAGAAGGGAAAAAGGAACCACGGAAGGAGGGCCGGGGCCGAAAAAAGGGA G G G G GAA G G G GCAAGCCAAAAAAGGAACCAAGGGGAGGGCCGAGGGGAG AGGAAAAACCAGAGGGAGAAGAAAGAAACCAAAGGGACCCGGGGAAAAAA GAGGATCCGAAGGGCCGGGGGAACGAAAGAGGCCGGAAAAAAAAGGAAGG GGAAAAGGGGAAAAACAGGGGAAAGGCCGGGGGGAAAACGGGGAAAGGA GAAAAAAGGACGGACGAAACCCAAAGAGAAAAAAGGGAAAAAAAGAGGAG GGACAAACCAAAAGGAAGGAAAAGGGGAGAGACAAGGAGGGAAGAAGAAA AACGGAGGAGGGAGAAAGAACAGAAAGAACCGGAGAGAAAACCGGGGGGG GAGCAGGACAAGGAAGAAGAAGAAAAAGACAAGGAGAACGGGAAGAGAAG GCCGGACGACCGGAAAGGCCCAAGAGGACAAAAGGGAGGAAGAGACCGGC CAAGAAAACCCCCGGGGAACCGACAGGGAAGAAAGGAAAGGGGGAACGAA GGGAAGGAAAAGGAACCGGGGAACAAAAACCAAGGAAAAGAAACCAAAGC CGAAGAGAGAAGGAAAAAAAAAAAGCAGGGGCCGGAAGGAAAAAAGGGGG GGGAAAGAGCCCACCACGGAAGGAGGAAAGGGAGGGAGGAAAAGGGGAA GAGAGAAGAAGGAAGAGCGGAAGGGGAAGAGGCCAGAAGGAACCGGAAAA CCGGGGGGGGGGAGGGAAGGCCGGAGCCGGAAGGTAGGGGCAAAGGAAG GGGCCAAGGAAGAGAGGCAGGGGCCAAAGAGGGGAGACAGAACAGAGGAA CAGGGAGGGGGGGGGGGGAGGGGGAGGGGAGGGTTGGATGAGGAAAAAA AACACCAAAAGGGGAAAAAGCAGAAAAGGGAGAACCGGAAGGAAAAGGGG GAAGCAAGGAGGAAAGAGACAAAGGGAGAGCCGGGGAACCGGAAAAGGGA TTAAAAGGAAAAGGGGGGGGAGAGGGGGAGGGGGGAGGGAGGACGAACA AGAGAGAAGAGCCAGGGAAAAGGGACAGGAATAGAAGGAGGGGCCGGCAG AGAGGGAAAGGAAGGAAAAGGAAAAGGGGGGGAAGCAGGGGAAGGCACC AAAGAAGGGGGGCCAAAAGGAAGGGGAAGAGACCAAAAAAGGAAAGACAG G G GAGGGGAAGAGAGAAAAAAAAAAACCGAGAGGGGGGAAAAGGAAGGAA GGAAAAAAAAGGAAAACCGGGGCCGGAAGGCCCCGGGGCCGGAAAAAAGG G G G G G GAAAAGGCCAAAAAAAAGGGGAAGGAACCGGAAGGAAGGGGAACC GGAAGGAAGGCCGGCCAAGGGGAATTGGGGAAGGGGCCAAAAAAGGGGG GAAGGGGAAGGGGGGGGAAAAAAAAGGAAGGAAGGAAGGAAAAAAAAGG G G G G G GTTGGGGGGAAGGGGAAAAAAGGGGAAAAAACCGGGGAAGGAAA
 G G G G G G A A A A A G G GAA G G G G G G G GAAAAAA G G G GCCGGGGCCGGAGAAA AAAGGGGAAGGAAGGGGAAGGAAGGGGGGGGAAGGGGGGAAAAAACCAA CCGGGGAAAAAAGGGGAAAAAAAAAAAAGGGGAAAAAAAAGGAAGGAAGA GGAAAAAAGGAAAAAAGGGGAAGGGGGGAAAAGGAAAAGGAAGGGGGGG GAAGGAAAAAAAAGGGGGGGGAAAACCGGAAGGAAAAAAGGAAGGAAAAG GGGCCAAGGATGAAGACCGTAGAGGAAGGAAAAAAGGGGGGAGAAGGAAA AAGAAAACCGGCCAAAAGAAGGAAAGGGAAAAGATGAAAACGGGGAATTG GAAGGCCGGGGAAGGGGCCAGCAGAGGAGAGAAGATAGGAACCGGAAAAA GAAAAAAAAGGAAAACCAACCAAGAGAGAAGGAAAAGAAGGAAGAACAGT TGGAGGGAAAAAAGGAAGGAGGGGAGAAAAAAAGAGGAAGGAAAAGAGAA CAACCAGACAAGGGAGGGAAAGGAAGGACAGACAGCAGAAAGGAAGGGGA AAGGGAAAGTTCCAAGGTAAAAACAGGGAAAAGAGAGAAGAAAAAAGGAA GCCCCAAAAGGCCAAGGTAAAAGGGAAAAACGGGGGGGGGGGGAGGGCAC A G G A G G G G G G G C CAAA $A$ AAGGGGAAAAAAGGAAAGACGAGGAAAAAGAGA GAAAAAAAGCCCAACAAGGGGGGCCCCGGAAGACACACCGGAGGGAAGAA G GAAACCAAGGGGGGAAGGTTCCGAGAAGACACCAAGCAAGACGGAGGGA ACCAACCGGAAAGAAAAGAAGCACAAGGAAGAGGGAGAAAAGGAAGGAAC CGGAAGGAAGGAAAAAAAAGGGGAGCAGAGGAAGGGGAAAAAAGAGGGAA CAGAGGGGGGGGGGGAAAACCGGCCAAAGAAAGGGGGGGCCGGGCATGA G G G GCAAGGAGAGAAGGAAGGACAGAGAGAAGAGGAGGAGAGGAAAAAAA CCCAAACCAAAAGGGGGGACAGGGGGAACCAGAAAGAGGGGGGGGGCAG GAGAAAGCCAAAACAAGAAGAAGCCGGCCGAAAAGAAAACCGGTAAGAAG GGGAAGAGGGAAAACAGCAGAACAGGGGAGGGGGACCAAAGGAAGGGAA GGAGGGGAGGCCAGAGAAGGACGAGGAAGGGGGGGGAAGGGGAAGGCCA ACCGGCCAAGGAAGGGGAAAAGGGGGGGGCCGGAAAACCAAGGAAAACCA AAAAAGGGGCCCCGGAAGGAAGGAAGGGGAAACGGGGGGCCAAGGGGGG

GGGGAAAAAAGGAAGGGGAACCGGGGAAAAGGAAAAAAGGCCAAAAAAAA GGAAGGAAAAGGGGGGGGCCTTAGAGGAAAGGAGGGAGGACCAAAAAGAA CCGAGGAGCACACCCCCCGAAAAAACGGGGAAACAAGGGGAAAAAAGGGG AGCGAGAGCCAGGGGGGGAAACCCAGAAGAGACCAAAAGGGAGAAAAAGG AAACAAAAAAAGGATAGAAGGAGAGGAAGGAAAGAGGGGGAACCGGAACC GAGGAGGAAGAGGGGAGGAAGGAGCACCGGGGAAGGAAAGAGCCGAAGG GAAACAGGGCAGGGGGGAGGGAAGGAAGGGGGGGGGGAAGGAGCCAAGA AAGAGAAAAAAGAAACGGAGAAACACGGAAAAAAGGGGGGGGGGAAAAAA AAAAGAGGCCGGAGAAAAGGAACAAGAAGGACGGGGAGAAGGGGGGAAG GAAAAACCGAGAAAGCCGGGGGGGGGGGGAAAAGGCCAGAAGGAGAGGA GAAGGGGGAGAAAAGGCCGGAAAAAAAAGGCCAAAAGGCAAAACGGGGGG GGCGGGGGGGGGAAGGGGACGGACGGCAACGGGGGGCCAAGGAAGGAAA AGGAAAAGAAGGAGGAGAAAAAAAAAGACGAAGACGGAAGGGAAGGGGGA GAGGAAAGGGGAGCGGGGGGGAGGGGGCCAAAGGGGACCATCAGAATGG GAATAAAAGGAAAACAGGGAGGGGGGGAGGGGAAGGAGAAAGGACAAGA GGGCCGGAGGGGAGAGGGGAGCGCCCCGGGAAGGAAAGGAAGGGGGACC GAAACAGGGGAAAAGGGGAAGGCCGGGGAAGAAGAAAAGGCCAAAGGAAA AAAAGAAGAGGGGAAAGGAAAAGAAGAGAAAAAGCCGGAGACGGGGGGAG GAAAGAGGAGAGAAAAGAGGAGGGGAGAAGAAAAGAGGGGGAGGCCAGC CAAGGACGGAGCCGGGGAAGGAAGGAAGGAAGGGGAGCCGAGGAAAGGG AAGGGAAGGAAAAGGAAAAGACTTACCCGAAAAGGAAGGGGACCAAAAGG TTAAGGGGGGGGGGAAAAAAGGGGGAGAGGGAGGCCGAGGGGGACAAAA AAAGAGAGGAAAGAAGGAGACGGAACCGGAGGAAAGAGAACGAGGACACA A GAAA G GCCGGGGGGAAGGGGGGGGGGGGGGAGAAGGGGAGAGGGACGG AGGGGAAGAGCGCCAGAAAAGAAGAAAAAAGGAAAAAAGGAGCAAAAAGG AAAAAGGAAAAGGGAAAGGGAAGGAAGGAAGAAAGAAGCGCCAAAGAAGA GGGACAAAAGGGAAGGGGAGGAGACAAAAAGGGGAAGGAACAAAGGGGAA CCGGGGGAACAGAGATAAGGAAAGAAGAAGGGGGAAAGGGAGGAGGAGA GAAGGCGACGACCGAGGGAACCACAGGAAACCCAAACAGAAGGAGAAAAA GGGAAGGAAGGAAGAGAAAGGAAGGAAAAGGAAAGAACCGGAGGAAGGGA GAGAAGGGGAAAGCCAGGGGAAAGGGACAGGGGAGGATTAGAGAAGAAG AGAAGGAGGGAAAACCAAGAACAAAAGGGACAAACCGAGGAAGGAGGGGG AGGGAAGGCCAAGGAACCAAAAAGGGAGGGGAGAGAAGTAGGGAGGGAG AGGAAAGCCAAGGCCCCGGAAAGGGAAAAGGAAAAAAGGAACCGAAAAAG GGGAAAAGAAGGGAGGGAGCAAAAAAAAAAAGGCCAAGGGGGGGAGGAGA AGGGGAGGGGGACAGAAGAAGAGAGAGAAGGGGCAACATGGACCCGGGA CCAACAGAAAGGGAGATAGGAAAGAAGAGGGGAAGGGGGGAAAAAAAAGG GGCCGGCGAAGGCCGACCGGGGGGGGGGAAGGAAGGGGCCGGGGAAAAA AAAGGAAGGGGGGAGGGAGAATTGGGGAAGGAGGAAGGAGAACCAGACA GAGGAAAGAAAAGAGGGGCCCCGCGGAAAGAAAAAGGAAGCAGGAGAAAT AGAGAACCGGAAAGACACGAAAAGACGAAAGGGGGAAAAAAAAAAAAAAA GGGAAGAAGATAAAGAAAAGGCAAACGGAGCCGACCAAAAAACCAAGGGG CCAAGGAAAAAAAGCAAAGGGAGGAAAGCCAAAAAAGGAGCACCCCGGCC CCACGGAAGGAAAAGAGGTTGAGGAGCCGGAAGAGGAAAAGACAGGGGGA CAAAAAGAAGGAAGGGATGGGGAAAACCAAAGGGAAGAGGAAGAGGAAGG AAGAAAAAAAAGAAAGAAAAGGAAAAAAGGAGAACAGAAAGAGGAGAGAA AAACCCAGAAGGGGAAAACAAAAAAAGGAAAAGAAAAACAGGAAAAAAAA AGGGGGCAAAGAAAAAAAGAGGAAGAGAAAAAAAGGGGGAGGAAGGAAGA GGAGGGAAAGCCAGAAGGGAACCCGGAGAAGGAAGAAACAGGAGACGAAG AGAGAGAAGGCCGGGGAAAGGAGGGAAAAAGGGGAAAAAAGACCAAAAAC ACGGAAGGGGCCAGGAAGACGGAAAAGGGGCCGAAGCAGGACAAGGAAGG AACCGAGGAAAAGACAGGCAGGGGGAAGGACCAGAGAGGGACCAGGGGGA AAGGCCAAGGAAGGAAGAGAAGGAACTAAGAGCCGGAGGGAGAAAAAGGG GAAGCAGGAAGGAAGGGAGGAGGGGAGAGGTAAGGGAAAAGGGGAAGAA GGGGGGAGAGGGAAGGAGGGGGGAAGACAGAAGAAGGGGGGAAGGGGGG GGGGAGGAGGGAGGAAGGAGCAGGAAGAGAAGAGCCAACCAGACGGAAA GAAAAGGAAAAGGGGATAAGGACGAGAGAAAAAAGCCAAAGAAACGGAGC CGGGGGGGGCCGAGGACTTCCGGGAGGAGAACCGGGGCCAAAGAAAAGG AAAGGAAAAGAAGGGGTTGGGGCAGGAGAAGGCAACGGAAAACCGAGGAG GAGGAAAGGGAGACATAGAAGGAAACGGAGAAGGAAAACAAAGGAGGGGA CCAAAGCCAGAGAAGACAGAAAGACAAAAAGGAAGGGGAAAGACCACCAA

G G G G G G G G G GAGCCAGGGGGGAAAGAGGAGGGAGAAAAACGAGAACAAA AGGAAAGAAAAAGAAGACCGGAAGAAGAAAAGGAAGAGGCCGGAGAAGGA GTAGGAAGAAGGACCGAAGAAAAGGGGTAGGGGAAAGAAGGAGAAGGCCA AAGGGGGAAAACCGGGGAAGGAACCCATTCCGGGGAAGGATCAACAAAAG G GACCAAGAGGAGAAGGGAAAAGTAAAGAAGAAAGGGGGGACCGGAAGGA AAA GACCGGAACAAGGAAGAAAGGAGGGGAGCAGGGGGGGGGGGGGAAG GAGGAAGGCAA GAAGAGGGGGGAAAAGGAAAGGAGAGGGGGGAGAGAAA AGAAGGGAGAGAAGGGACAGAAGAGAGAAAAGAGGGGGGGGGGGGGAGA AAAGGAAGAAAGGGAGATGGGAAAGGAGGGAAGGCAGAAAGAAAGGCCAA TAGGAGCCAAAAAACCAAGGAAAAAAGGAAGAAAAAAAAAAAGAAGAGGA GGAGAAGAGGAGAAGGGGAAAAAGAGACAGTAACAGGGCAAGGGGGAAGA CAGAGGGAACGAAAGGCCAAGAGGACGAAGGGAGAGAAGACCAGAAGAAA AA G GCAGAGAAAAAAGGGGGGGGGCCCGGGAGCGAAAAAGGACCAACGGG AGGGGGAACCAAGGAAAAGGAAAAGGGGAAGGAAGGGGAGAACCGAGGG GAAAAGGATACAACCGGCCGGAAAGAAAAGGGGGAGGGGAAAACCAACCG G G G G G G GAAGGGGGGAAAAAAGGAAAAAAAGCAAGGGAAAAAATTGACCA GCCAAGGAAAAAAGGAAGGGGAAAGAAAAGGAAGAGGAAAAAAGGAGAAG GAGAGGCCAAGAAGACCAGGGGGCCCCGGGGAGAACCGGGAGGGAAAAAA
 AACCAAGGGGCCAGATAGGGGGACGGGGAACCAACCAAGAGGAAAACCCC AAGGAATTGAGAAAAGAAAAAAAAAAGGAGGGCACAAAAAGAAGAGGGAG AGAGAAGGAAGGAAGAAAACGGAAGGGAAAGAGGAAGGAAAAGGAGGAAA CAGGCAGACCAACGGGAGAAAGGAAGAGAGAGAAGGGGACAAGGATGGAA AAAAGACCAGAGAGAGAAGGGAGACAGACACAGGGGGGGGAAAAGGAAAA CCAACCGGTTGGAAGGCAGGAAAAAAGGAACCAAAAGGGGGGAAAAAAAG A GAA G GAGAAAGGAAGGACCGGAGGAAGGAGAACCCCCGGCCTTGGAAAA AAAAGGAAAAGGAAAGAGAACCAAAAGGGGAGAGAAAGAGAGAGAGCACA G G AA G G G GAAGGGGGGAAAAAAAAGGGGGGAACCAAAAAAAACCAAAAAG AAACGAAAACGGGGACAACCAAGAAAAGAGCCGGGGGGAAAGCCAAGGCC G G G G G G G G G GAGAAGGAAGGCGAAGGGGGGGGAGACAAGAAACCAGTAG ACCGGCCGGGGGGGGAAGGAAAAGGAAAAAAACAGAGCAGAAAAAAAAAA AGGAGCAAAGAAAACAGGGAAAGAAAGGGGGAAGGCCAGAACCCCGAGGA GACGACAAAAGCCGAAGCCAGGGCCGGAGAAGGGAGGGAGGGGAGAAGG AAAAAGAAAGAAAAAACCAAAAGGGGCCGGGGAAGGAAAAATGAAAAACC GGGAAAAAGGGGGGCAAAAAGAAAGAAAAACCAAAACAAAAGGAAGGAAA GGGACCCCGAAGGACAAGCCAAGGGGCAACAGAAAGCCGGAAAAAAGGCC AAAAGGACAGAAAAAAAGACAGCCAAAAGGCCGGAAAGGGGAGAGGAGGA AGAGGAAGCATAAGAGGAAAAAAAAAGACCAAGGCAAGACGGAGACAGGG CGGGGGAAGGAAAAGGAAAGGAGCGACCCACCGAAAAAAAGAGGAGAAGC AGAAGAAAGGAAGGGGGAATAAAAAACCACGGCCGGAAGAAACCCAGAGG AAAAGGAAAAAAAAGAGAGGGGATGAGAAAAGGAAAGGGGGAGAGGAGCA GGCCAGGAGGGGGGGGGGGACCGGGACCAGACGGTAAGGAGGCCAGGAG GAAACGGGAAAAGAGAGAGGGGAAAGGACGGGGAAGGAAAAAAAAAAAAG GGAATCAAAGAAAGGGGGGAAAAAAACATAAAACCGGAAAAAAAAAAGAG GAGACCCGGTTAGAAAACAAAGGGGGCAGAGGAGACGGGGGCCGGGAAG G G G G G G G GAAAGGAACAAAAATGAGAAAGAAAGGAAAGGAAAGGGGAAGG AATTGGGAAAAAGGGAAACCGGGGAAGAAGAGGGGGGAACAGAGGAGCGA AGCCGAGGCCGACCGAAAGGCCGGAGAACAAAGAGGGGGAGGGGGAGGA A GAACAGAGGAGAGGAAAGAAAAAAGGAAGAAAAGGGACAAAGGGAAAAG GCCAAAGACAAAAAGCCGGAAAATTGGGGGGAAGGAAAAGAACGACACCA AGGGGAACGGGAACCAATTAAAAACGGAAAAAAGGGGAAAAGGGAGAAGG G G G G GAGCAGGGGAAAAGGAAAAAGCAGGAAGAGAAGGGAGGGGAGAAA AGGAAGCCAAGGGGAAAACCCCGGGGCCAGAAAGAGGAGGGGAGGAGACA G G AA GAA G GAGGCCAAAAAACCGGGGGGTTAAGGAAGGGGGGGGAAGGA AGGAAAAGGCCAAGGGGGGGGAAAAGGAAAAGGGGGGGGCCAAAAGGGG G GCCAAAAGGGGAAAAGGGGGGAAAAGGGGCCGGGGAAAAGGGGAAAAA ACCGGAAAAGGGGAAGGAAGGAACCGGGGCCAAGGAAAAGGGGAAGGGG AAAAAAGGGGGGAAAACCCCAAGGGGAAGGAAGGGGAAGGGGAAAAGGCC CCAAGGGGAAGGGGCCAAAGTAGAAGAGGATAGGTTCCAGCCGGGGGGAA G GACGGAAGGGGGAGGAGGAGAGGAGGAAAAGAGACGGAAGGAGTAAAG AGGAAAAAAAGGGAACAGAAATTAGGGAAAAGGAAAGAAGGAGAAAAAGA

A G G G G G GCGAACCTTAAAGGGGGAGAGAAGGGAGGCCGGAGGGCCGGAA CCGGGAAAGAAAAAGAGAGGCCGGGAACAAGAGAAAGGCAATCCCAGGAA CGAAACGGAAGGAACCAAAAGGGGCCAAGGAAGGGGAAGGAAAAAACCTT AAGGAAGGAAGGGGAGGGGGGGAAGGAACCAAAAGGAAAAAACCCCAAAA GGGGAAAAAAAAAACCAAAAAAGGGGCCAAGGAAAAGGAAAAGGGGAACC AA G G AA G G G G G G G G A AAA G G G G G GAAAAAAGGAAAAGGAACCAAGGAACC GGAAGGCCAACCAGGGAAGGGGACGGCCAACCAAAAAAGGCCGGGGGGGG AACCAAGGCCAAGGCCAAAAGGAAAAGGCCAAAAGGAAAACCGGGGGGAA AA G GAAAAGGAAGGAAAAGGAAGGGGAAAAGGGGGGGGGGGGAAGGAAG GCCAACCGGGGGGGGAAAACCAAGGGGGGAAGGGGAAGGAAAAAAAAAAG GAAAAAAGGGGAAAAGGAACCCCGGAACCAAAAGGGGAAAAGGGGAAGGA AGGGGGGAAGGAACCAAAACCGGGGGGAAAAGGGGAAAAGGAAAAGGGG AAAAAAGGGGGGGGCCAAGGAAGGGGGGAAAAGGGGGGAAGGAAAAGGA AAAAAAAGGGGAAAAAAAAAACCCCGAGGAGGAGGGGGGCAAAGGCCAAG GGGGAAGGGCAGAAAAGAGGGGAGGAGAGCAGAAGGAGAACGAGAAAAAA AAGCCAGGAGAAGAGCCGGAGAAGAAGAAAGGAAACCGGGGAGGAGAAAA GAGAAGAGAAGACAAGAGGAGAAAAGAGAGGCCGGAACGGGGGGGAGAG A GAC G GAAA $\operatorname{A}$ GGGAGGGGAGGGGGGGAAGGGGGGAAGGGGAAAAGGAAA A G G G GCCGGAAAAAAGGGGAAGGGGAACCGGAAAAGGAAAAAAGGGGCCA A G G G GAACCGGCCAAGGAAAAGGCCGGAAGGAAAAAAGGAAGGCCGGGGA A G G G G G GAA G GTTGGAAAAGGAAGGGGCCGGGGAAAAGGGGCCCCAAGG AAAAAAAAAAGGCCAAGGCCGACAAAGGAAAGGGAGGAGAGGGAGGAGAA G GAAA $\ln$ CAGGGGGAGCAGGAGAAAAGAGGAAAAAGAGAGAGGAGGGAC AA $\operatorname{l}$ GGGGAGGGAGAGGGAGAGGGAGCCAGAGGGGGGGAAGGCCGGTTGG AACCAAAAAAGAGGGAAAGGGAGGAAGGAAGAGGGAGACAAAGAAAAGGG AGGGAGAAAAAAAAAAGGGGAAGGGGGGAGAGCCGGCCCCAAAAAAGGAG AA G GAAAGGGAGAAAAAAAAAGGGGGGACCAGGAAAGGGGAAGAAGCCAA AAGGAAAAAAAAAAAAAAAACCGGAAGGAAGGGGGGGGAGGGGGGAGGAG GGAAAACCAGGGCCAAAACCAAGGAAGGAAAAGGGGAAAAAACCAAGGCC AAAAAAAAACAAAAAACAAAGAGGAAGAGGGGGGAAAAGGAAAAAAGGGG GAAACCAAAAAAGGCCGGCCAGAAAAAAGGAAAAAAAAGGAAGGGGGGCC AAGGAAAAGGAACCAAGAGAGGAGGAAAAAGGACGAGAAAGAAAAAAGTA G G G G G G CCCCGGGAGAGGAGGGAAGGAGAGACGGGAAAAAAGGGGGAAA G G ACAGGAAGGAGGGGAAAAGGGCAGAAGAGGGAAGAAAAAAAAGAAAGG AGAGGGGGGACGGAGAGACAGCAGGAAAAAAGAGGAACCAAAAAAGGGGG GAAGGGGGACAAACCACGGAAGGGGGGAAAAAACCTTAAGGCCAAGGGGG GACAAGGAAGGAAAGAAGGGAGGGGAAAAAGGGAAGGAAGAGGGGGAAG GACAA GAGCAGGGGGGGGGGGGGAAGAGGGAATAGGAGAGGAAACCAAA AGGAACCAAAAAACCAGAGAAGAAAAAAAAAAGAAAAGAAGAGGAACAAA AAAGGAAGGAAAAGAGGAGAGGAGGAAGGAAAAAAGAAGGGCCGGGGAAG AGAGGAAGGAGATAGAAAAGAAGAAAAAGGGAGGGTTGACCAACCGCCCA AAAAGGGGGGGAGAGGACAAAAGGGGAGGAAAGGCCCGAAACCAGAAGGA GGAGGAAGAAGAGAAAGAGAGGGAGGGAAAAGGGAAAAAAACCGGGAACG GAAAACCAAAAGGCCCCCCAACCGGGGAAAGGACAGAAGAGACGAACGAA GCAAGAAAAAGGAGGAAAGACAGAAGGGGGAGCGGGGGAAAGGCAAAAAG G GAAAGGGAGGAAAGGAGGAGAAAAGGGGAAAAGGCCACGAAGAGAGAGA AAGCGAAGGGGGGCCAGAAAAAAGGCCAACCGGAACCGGAGGGGGGGAAA AAAGGCCAAAAGAAAGGAACCAAAGCAAAGGGAAAGAAAGAGGAGGGAGA GGGAAAAAGAGGAGAGAGGCCAAAGGAGGGGAAGGGAGGGGAAAGGGAG AA $\operatorname{G} \operatorname{GGGGGGGAAAAGGAAGGGAAGAAAGGCAGAAGGAAGACAAAGGGAG}$
 G G G G G G G ACCAAGAAGCACCGGGGCCGGCCAAGGAGAGGGGGGAAAAAA AAACCAACAACAAGAAGGGAAGGAAAAGGAAACGAAGGGAGGAAAAAGGA A G G G A AAA $\ln \operatorname{GGAAGGGGGAGGGGAGCCCAGAAGAAAAGGGGGGGGAAGG}$ A G A G G G G G G G A A G G A GCCGAGGAAAAGGAAAAA GAGGGGGAAGGGGGGA G G G G G A G G G ACGGAAA GAAAAGGAAGAAAAGGGGGAGAGATGAGGGAGG CCAAGACCGGGGGAAGGGGAAGGAGGAAGACAAAGGAAGGAAGGAAGGAA CCTTAATTAGAAGGAAAAAAAGAAGGAAAAGGAGAGGGGGAGGAGAAAGG GGGGGGAGGACAGAAAAACAGGGGCCGGAACCGGGGTTAAGGGGCAAACC CAAACCGGGGGGAAAAAAAGCCGGGAGACAAGGAAGAAAGGGGAGGCCAC AACCAAAAGGTAAGAAAGGGGAGACAAGAAGGGAGGAACAGGAGGGATAA

CCGAACGGAACCGGAAGAAGAGGGAAGGGGCAAGGAAGACGGGGGGGAA AACGGGCGGGGAGAGCAAGGGGAAGGGGGAGGAGGGGGGATGGAGAGGA G GAAAGGGGGAAGGAAAGGAAAAGGAAAGGAGCCCCAACCAAAAGGAACC AAGGGGAAAGGAGAAAAATAGGAACCGGAAAACCCCAACCAGAGAAAAAA AACAGGGGGAGCAGAGGGAAGAGGGCAGACGGCAAAACGGAGGGAAAAG G GAAA G G G GA GAAAAGGAGGAGGGAGAGGGAAGAGGGAAACGGGGGGAA AAGGAAGGCCGGAAGGAAGGAAGGCCGGAAAAAAAAAAAAAAAAAACCGG AGAGCAGGGGAAGAGAAAAAACGGAAAGAAAGAAGGGGGGGAAACCGCAA GCAGGAGGGGGGGGAAGGGGGGGGACAAAAAAGAAAGGGGAGGAAGGAG AAAGAAGCAGGGAAGACAGAGAGCAGGAGGGGAGCGCAAAGAGAAGAGGA AAAAGAAAAGGAAGGAGAAAAGGGAAGAAGAAAGAAAGGGGGGGGGGGA GGAACCAAGGAAGGGGACGACAAGCCGGGGAAAAAAGACCAAGGGGAAAA GAAAGGGGTTAGAAAACAGACCACAATACCAAGAGGAGGAGACAGGGGAA CCGAAGGGAAGGGAGATTACCCAAAGGGGGAGAAGGAGGGAACCGGAAAA ACAACCGGGGGACCAACGGGAGAAGGGGGGGGGGCCACAAGAAAGGAAAA TTGGGGGGGGGGAAAAGGAAGGAAGAGACAGAAACCGAGGAAGGGGGGG AAACAGGGGAGAAAAGGAAGAAACCAAGGACAAAAAAGGGGCCAGGGACA AGGACAAGGAACCAAAGAGAAGGCAAAAAAAAAAAAGAAAAGGAAAGGGC CAAAACCGGAGGGAGAAGGGGACGGAGGGAGAAAATTGGAAAAAGGAAAG GGAAGAGAGGAGAAGGACCAAGAGGAAGAGGACGAAGGGAAGAGGGGGG GAAAGAGGAGACTTAAGAAAAAAGGAGAGGAAGAAAGAAAAGCACCACGA GAACCCAGAGAAGGAGGGGGAGCAGGGGGGAAGAGGAAAGAAGAGAACG GCCAACCAAGGGGGGGGAACCAAAAGGGGCAGAGGCCAAAAACGGCCCCA AAAAAAAGAAGGGTACCGGATCCGGCCGGAAAAAGAAGAAGGGAAAAGGG GAAAAAACCGGAGGGGGGAGGAGAAAGGGAGCCGGGGAAGAGAAGAACG GGAAGAAGAAGAAGGAGGGGAAAGCAAGAAGGAAGGAAGGGGAAGAGAG AAGAGGGGACCGAAGAAAAAAGGAAAAGAGAAGAAAGGGAGGGCCCCGGA AGGGGGACCAACCAAAGAATTGAGAAAGGAGAGGAGAAAGGAAGGAGGGC AGGAAAAAAAAGGGGAGAGGGAGAGAGCCAAAGGGAAGAGGAGACAGAAA TAGAAGGAGAAAAAAAGAGAAGGAGAGGGACAAGGCCAAGGGGCCGAGGA ACAGGGGGAAAGGGAGGCCCCAAGGGGAAAAAACCAAAAGGAAGAGGAGG GGAGGAGGGGAAAAGGGGCAAGGGGCAGGAAAGGGAGAGGAGGAGCAGG AAAAAAACAAAAGGGAAGGAAGGGAGAGGGAGAAGAGGAGGAAGGGAGGA GGGAAACCGGGAGGCAAAGAAAGGGAAGGAAAAAAAGGAAAAGGCCAGGG AAGAAACCAGAAAACCAGAAGGAAAAGGGGGGAAACAGGGGGCCAGAAGG AAAAAAGAAGAGAAGAAGGGAAAAGAGAGAAAGAACACCCGGGGGGTTGG AA G G G GCCAAAGGAAGGGGGGGGGACGGGGAGAAAGGGAGAGAAAGCCG GAAGACCAAGAAAAGGAGAAAAAGGAAGGAAAACCGGAAAAAAGGGGGGA AAAGGGGGAAGGGCCACAAAACAGGAAGGAAGAAGCCAAGGAAACGGAAG GGGGGAGAGAAGAAAGGGGAGGAAGCCAGGGGGAAGGGGGAAAAGACGG A G G G G G A A G G A A T T A A $\ln A \operatorname{GGGGGGCCGGAAGGAAGGAGGGGGAAAAACA~}$ CGGAGGGAGGGAGAAAGGGGAAGCCAAGGGGCCCCGGGAAACCGGGGGG G G ACGGGGAAGGGGAGGAGAGCACGGGGAGAGAAAACCGGAAGGAGGGA AACAGAAAGAGGGGGAGAAAAGGAGAAAAAAGGGAGGAAGGAAGGAAGAG AAGCCCCGGAAAGGAAGACCCAGGGAGAAGGAAGGGGGAGGAAGGAGAG GGGGAGAAAGACGGGGAGAGAACCGAACGGACAAGGAAAAACGGAAAAGG AACCGGAGGGCCGGGGAGGGGAACAGGGCCGGGGGAGGGGAAGGAGGGA CAGGAGGAACCAGGGGGGGAGAAGGGGGGGAGGGGAAGGAAGGAAAAAA AAAAGGGGAAGGCCAAAAAAGGGGAAGGCCGGGGAACCAAAAGGAACCGG AAAAGAAGGGGGAAACGGGAAAGGAACCGAAAGGAGGGAAAAGAGGAGAG AGGGAGAGAGAGAGATAGGGCCAGAAGGGACCAAGGAGGGCAGACAAAGG AAAAGGGGAAGACAAAAAGGAAGGAAGGAGAAAAGGGGAGAGGGGGAAG GAGAGGGCCGGAAGGGGGGAAGGGACCCCGGAGGGAGGAACGGAAGGAA AA $\operatorname{G} G \mathrm{G} A \mathrm{G}$ GAAAAGGGGAAAAAGAGAAGGGAGAGGCAAAAAAAGGGGAAGG GAGGAAGAGAGAAAGGTTGGCAGAAGGGGAGGGAACAGGGAGAAAGGGA GAAGACCAACCGGGGAGGAGAGAGGAAAGCCAAGGACAAAAGAAGAGAAC AGAAACCGGAGGGGGCAGGAAAAAAAAAAAAAAAGAAGGCCGAAACCAGA AAAGGGGAAAAGAAAAAGGGGAAGGGAAACCGGGGAGGGAGCAACAAGAC CAAAAGGAAGGCCGGAAGGAAAAAGTAACAGAGAAAGAAGGAAAAACAGA GGAAAGGCCACAAGCGAGGACGAGAGGAAAAGGAGAGAGAGGGAAAAACC CAAAAGAGGGGGGCCGGAAAAAAGGAAGAAAGAAGGGACAAAGAGAGGAA

AAGAAAAAAGGAACCAAGGGGGGGGCAGGGAGACCAGAAAAGGGGGGAAG GCAGGCCAAAACCAAAACCAACAAAAGGAGGGGGGGAGGGGAGGGCAACA AAAGGAAAAGGAAGGCAGGGGGGAGAGCACAGGCCAGCAAAAGAAAAAAA AGGCCAGGGAAAAAAAAAAAAAAAAGGAAAAGGCGGGCACCAGAAGGAGG GAAGGGGGGCCAAAGACGAGGGAGACCACGACCCCAAAAGAAGAAAACCA AGGGAAAGAAAAAAAGGGGAGGGACCCCCGAGAGGGGGGGGAAAAGAAGA GAAGGGGGGGGGGAAAAATGGGGGACAAAAAAAGGAAAACCAAGGGAAGG GGGAATTAAAAAAGGAAAACCAGAGCCCCAAAAACGGAAGGAAAAGGGGA AAGAGCGGGAGCATAGAAAAAACGGAACAAAAGGGGAGGAGAAGGGGAGG G G G AC G G GAGAGAGGGAGGAGGGGGAGGGAAGGCGAGGAGAGCAGAGAC GGAACCAAAACCAAGGCCCCGGAAAACCGAGGGGGGAAGGCCAGGGAAGG AGAAAGAAGGGGGGCCGGAAAGAAGAGGGGCCAAGGAACCGGGGGGAAG AAAAAAGAGACGAAGGGAAAAAACCGGAACAGGCAGGGAAAAGCGCAGGG AAAAAACGAGAAAAGAGGGGAGGAACCCCCCGAAAAAGGAAAAGGGAAGG GAAAAGGAGAGAAGACCGAACAAAGACGGGAGACCGGAGACCAGGGAAGA CGGAAGAGAAAAGAAGGCCGGAACCAGGGAAAACCGGGGAGCCAGAAGAC CAAAAAAAAAAGGGGAGAGGAAGGAGAGGGAGGAAAAAGTTCCAAAAGGG GACAACCAGGAGGCAAAGAGGAAAAGAAGGGAAGAAGACAAGGGAGGAAA AGGAGCACCAGACGGGGAAAAAAAAAAAGCCAGGAGGAGCCCAGGGGACG ATAGGAAAACCAAAAGGACAGGGAAAAAAACGGGAAAGGGGGAAAAAGGG GACAGAGAGGGAAGGAAAAGGGAGGGGGGGGGGGAGAAACAGGGAGGGG G G GAAAAAGGGGGAGGCCAAAACCAAACAAACCCGGCCAAGGAAAAAAGG G GAAGAGGGACCACAAAAAAGGAGGACAAAAGAAGAGGGGGGGGAATTGG GAACAGGGAGGAACGGGGAAAGAGCCAAAGGACCGGGAGAACAGAGAAGG AA G GAGACGGGGAACAGGAAACAAGGAAAGGGGAAGGGGGCGAAAAGGG GCAAAGGGGAGAAGGAGGAAAACGGGGAAAAAAAAAGCAAGAAGAAACCA GAAGAAGACGGCAAACCAAACAGGAAGAGAGGGAAAACCGAAACAGAGAA TAGGGCAGAGGAGAAAAGAAAGGGGGGAAAAAGAAAAGGGGCCAAAGGGC AATAGGGGAAGGGACGAACACAGGGAAAACAAGTTGGAGAAGAGGGGCCA GGGAGAAGAGAGGAGAAAAAGAGAAGGAAGGGGGAACAAGGGAGGGAAA GGAGCGGAAACAGGAAAGGGAAAAGAGGAAGATAAGAACAAAGAAACCAA GGGGAAGAACAAGGGAAAGGGGGGGGGGCCGGAGGAGGAAGGAAGGGGA ACCAGGGAGGGAAAGAGAACCGGGGGGAGAGAGAACCAGAAAATTAAGGG GAAAA G G G G G G G GAA G G G GAACCAACCGGAAAGGGCCCCAGGGGGGGAA AAACGGGGAGAGAAGGAGACGGGAGAAGAGAAAAAAGGGAGAGGAAGGA GAGAGGGCAGGAGCAAACAGGGACAGGAGAAGGGGAAGGAAAAGGAGGG GAAAAAAAAAAAGGAAAAAAGGGAAATTAAAGAAAGGAGGAAAAGGGACA G GA GAAATGGAAAAGGGGGGGGAACCGGAAAGCAAAGGAAAAAAGGGGAA AA $\operatorname{G}$ G G G G G G G G G G GAAGGAAGGAAAACGAACCGAAAGAAAAACCCCCCAG CCGGAAAAGGGGTTGAAAAAAAGGGGCCGGAACCGGGGGGAACGAAGGG G G G G GAAACGAAAGGGGAGACGAGGGGCCGGAAGAAAGAAGAACCGAGG AA G GAAAGGGGGAAAAAGGGAAAGGGAGGCAGGAGAGGAAGGGGGGAAA G G ACCGGGGAAGGGGGGGGAGCAGGAAGGAAGAGAGGAGACACGAAACC AAGAGGAAGGGACCAGGGACGGACCCGGGGGGAAAGGGCCCCCCAGGGAC AGAGAGAAACAACAAGGAGGAGAAGGAAAGAAAAGGGGAAGGGGAAAAAA TTGGGGCGAAGAAGAAGGAAAAGGGGCCGGGGAAGGAAGAGGAAAAGGA GGGAACGAGGGGGGAGGAAGAGGGGGAAGGAGGGAAAAACCAAAAAAGG GGGGCCGGAAGGAAAAAAGGAGGGGGAAGGGAAAAACCGGGGAAAAGGG G G G A G G G GAAAAGAAGGAAGGACAAGGGGCAAAAAGGAGGGAAAGGAAG A G G G AAAAGGGGGGCCGGAAGGAAGGAGGAAGGGGGGGCAGAAAGACCA
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 A G G G A G G A A A G G GAAGAAGGAAACCAGACCAGGAGGGGGATAGAGGAAAA A G GAA G G G G G GCCAAGGAAGGAAAACCAAGGCCGGAGAGCAGAAAAAGGA AACCAGAAGAAAAGGAGACAGCCAATAGGAAAGAACCAGGAAAGGAAAAG GAAGGAAAACCGGAGGAGCCCGGCAAGAAAACCAACCGAGGAGGGGAAGC CCAGAGAGGAAGGGAGGCCAAGGGGGGGGGGAGGAGGAAAAGGAAAAGG GAGGAAGGAGAAAGAGAGCCGAGGGGCAAGGAACGGCAAGGGAAAAGGG GGAAAGGCCACGGAAGGCCAAGACCAAGGGGGGGGGGGGGGAAAACCGG CCAAGGGGGGGAAAAAAAGAAAGGAAAAGGGGCACCAAGGGGAACCATAG AACACCCAAAAGATAAAAGAGAAAAAGAAAAAGAGGGAAGAGGAGAGGAG CAGAAGAAGGAACAAAGGGGAAAACCGGCCAAGAAAGGGCAAAGGGGGAA AA G GAAAAGGGGGGAAAATTGAGGAGACAGCAGGCCCCCCGACAAGAGAA GAAGAGCGCAGAAGGATTCCCCCAAAAACCCCAAAGAAGGAAAGCCGGGG GAAGGACCGGAAAGGACCGGAAGAAGGACCAGTAAAGGGGAAGGGAAAGG AAGGAAAACCGGGGCCGGAAGAGGAAAAAAGGAAAGAGGGGAAGGAAGGG GAGGAAGGCCGGAAAAGGAAAAGCGGGAGAGGACGGGGTTGGCCAGAGG CGGAAGAACAACCAAAAAAAAAGGGAAAAGGGGGGGAAAAAGAGGGGAAT TAAGAGGGGAAGGAAGGCGAGAAGGAAGGGAAGAAAAGGGAAAAAGGGG G GAAA G G GCCGGGGGACCGGAAGGGGAAAAGGGGGGAGTAGAGAGGAAA AACAACGAGGGAAAGGAAAAGAAAAGAGGTTGGAAAAGAACCGGGCCAAG
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 AA $\operatorname{H} A A A G G G G C G G G G G A A G A G G G G G G A A G C C G G A G A A C C G G A A A A A A G A$ AACAGGAAGGGGAAAATTAAGGAGGGCCAAGGGGAGGGAAAAGAGGAAGG AACCAAAAAAAAAAGGGGCCAAGGAAAAAACCAACCGGAAAAAAGGAATTA ACCTTGGCCAACCAAAAGGAAAAGGAAGGAAAAAACCAAAAGGGGAAAAG GAA G GAA G G G G G G G G G G G GCCGGAACAAGCCAAGGAAGGAAAGGAGAAA
 A GAGGAGGGAGAAGGAGAGCAGGGGGGAAGGGGCCAAAGGGGGAAGAAA AA $A$ AA $\operatorname{ACCCGGGGGCAGAGAGGGGGGGGGGGCGGGAGGGGAACCCCCCG~}$ GAAAAAAAACCCACAAAGGAACCAAAAAACCAAGGGAGAGAAAGGGGGGG GAAGGGGAAGGGGCCGAGGAAAAAAGGAAAGGGAAAAATGAAAGAAAAGA

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 G G G G G A A C C G GAA G G G G GAGGCAAGCCACCCCAAGGGACCCACGGACAAA A G G GCGGGAAGGGGGAAAAAAGGGGAAAGGGAAAGGAAGGGAAGAAGAG GAAACCGGCAAGAAAAAAAAGGGGGGAAGGAGCCGAAAGGGGGGGGAAAA AAAAGGAAAAAGGAGGGGGGCAGCAGGGCCAACCGAGGGGTAAAGAAGAG GAGGAAGGGGAAGGAAAGAAGGACAAGGGGAGAGAGAACAAAGGGGAAAA AA G GCAACAAGAGAAGGATTGGGGGAGCAGGAAGAGGAAGCAAGGGGAG GAAAGAAAAAAAAGGAAGAAGAGAGATCCGGGAAAGAGAAGACAAAAAAC CAAAAAGTAAAGAGAAGACAAGGCCGGACGAGACAAAGGAAGGAAGGGGA AACAGGAACGGAAGGAAGGTTGGGGAAAGAAGGGGACAGAGGGGGGACA AA $\operatorname{G} G \mathrm{GA} \mathrm{G}$ GGAGGAAGGGGGGAGAGACTAAAATAAAAAAGGCCGGGAAAGA CCAGAACCAAAAAATTAAGAGGGAGGAAGAAAAGGAGGCCGGAGGGAAGA GGGGAAGGAAAAGGAAAGAGCAAGGGGAGGGGGGAAAAAAGGGGCCAAA AGGAAAAGGGGGGAAAGTTAGCCGGAAGGGGAAGGAACCAAGGCCGGAAG GAAGGAAGGGGAGAGCCGGGGAAAGGAGAGGCCAAGGCCAAGAGAGGGG AGGAACGGGAAACGCAGAGAAGGGGGCAGAGGGGGGGAGGAGAGGGAAA A G GAGAGAAAAGGAAGGGGGGGGGGAGCCGGAGGGGGAAAGCAGGGAGG AACGACAGAAAGAAAAGGAAGGAGGGAAAAAAAGGGAAAGAAGGACGGGG G GA GCCGGGAAAAGGGAGCCGGAAAAGGAGAGAAAAAAGGTTAAGAGAGA G G G G G GAGGGAACCGGAAAAGGAAAGAAGAAACAAAAGCCAATTAGGAAC GAGGAAAAGGGGAAGGAAGGAACCAGAAGGAAAAAAAAGAAAGGGGGGAG GAGAAAAAAAGGAAAGCCAAGAAGGGGGAGGAGGAAAAAGAGGGGGCCCA AGGCAAGGAGAAACGGAAGGAAGAAAAAAGAAGGAAGGGAGGGGGGGGA CAAAACCGAAAAACCAAAAGACACCAGGGAGAAGGGGAAGATTGGGGAGG AGGCCGGAAGGGAACAAGGAAAAGGGGCCAACCAAGGAGGAGAAAAGGAG G GAGGAGGAGGGAACGGAAGGGGAAAGCACCAAACAGCAAAGGGAAGGAA AAAAAAAGGAAAAAGAAAACCGGAACCAAGGCAGGGGCCGAAAGGAAAAA

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GGAAAAGAGAAAAATAAGGGGGACGGGGAGAAGGAACCCCGGAAGGGGGA GAAGAAGGAAAGGAGGGGAAGGCCGGAAGGGGAAAAAAGGGGCCAAAAAA CCCCAACCAAACAAGGAAAGGAAAAAAAAAGGCGGGAAAAAAAAGGAAAA GGAACAAACCCCGGACAAGACAAAAAAAAAAAAAGGGGGGGGTTGGGGAA AGAAAAAAGGGGGGAGAAAAAGGGAACCAAGGGGAAACAAGGAAAGAAGG G GCCAAAGAGAAACGAAAATCAAGAGGGCACAAGAGACAGGGAAAAGAGG AAAGGGAAGGAGGGAGAAAAGAAAGGGAAGACCCGGAACCAAGGAGAGGA AA $\operatorname{l}$ G G G GAGGGGACAGCCAACCGGAAACACCCGGGAGGAAGGGGAACCAA GGAAAAAGAGGAGAGAAGGGCCGGTTGGGGAAGGGGGGAGAAAGAGGGT TGGAAGAAAAAAGCAAAGAGCGGAAGGGGAGGAGGGAGGGGGGGGATAG AAAAAAGGGGGAGGAGGGGGAGGAGAAAGGGGAGCCGGGGGAAAAAGGT TAGAGAGCCAGCCAAAAGGGGGGAAGACCGACAAACAAAAAGGGGGGGAA G G G G G GAA G G G GAGAAAGGGGGACAAGAGGGAGAGGGGGAGAACAGGGG ACGAGGAAGGGAGAGAAGGGGGGGGAAAGGGGCCGGAAGAGAAAGAAGA AGGAAGACCAGAAAAAGGGAAAAGGAAGAGAGAACAAAGAAAGGGAAGCG GGGCAGGGGGGAAGAAGAAAAGGAAAAGGAGGGGGGGGAAAGAAGAAAA AATTGGGGAGGGGGGGAAAAAAAGAAGGTTCCGGAAAAGGAACCGGCAAC G GAGGACAGGAAGGAACCAGAAGGAAAGAAAGGAAGAAAAGGACAGAAGG AAAAAAGGACAGGACGCAGGAAAAAAGAAGAAGGGAGGGGGAGAGGGGAG TTCCAAGGACGAGGGGGGAAAAAGGAAAGAAAGAAAGGAGAGAGGGGGCC G GCGGCAGGAAGGGGAGAGGGGGGGGAGACAAAAGGCACCGGAGAGAAA C G G G G G G G GAGGGGGGGCCGAGGGGGGAATTGGAACCAAGAACGAGGGA G G G G G G A A A A C CACAGGGGGGGAAACGAAGGAGGGGGAGGCCGGAAAGG G G G G G G GCCAAGGCCAGCCGCGGGGGGGAAGGGAAGAACGAAGAAGGAG G G GAAGACGGAAAACAGGAGAGCCGAACCAGCTACCGAAAAAAAAACCAA AGAACGAGGAAAGACCAAACAGGGTAGGCCCCCAAAGGAAAACCGGGGAA GGGGGGACAGACACAAGACCGGAAGGCCAAAAGAAGAAGGGGGGAGGACC AACCAAGGAAGAAAAAAAAAAAAACCAAGGAAGAAGAGCCACAGGGCCAA GAAGGAGGGGGGAAAAAACCGGCAGGGGGGGGGGAAGGAAAACCAGGGG GGGGGAGGAAGGAGAGAAAAAAAGGGGGGAAGAGAACAAGGGAAAAAAAA AGGAACCGGAACCGGAAGGAAAAGGGGCAAAAGAAGAGAAAAAAAAAGAA AAAAATTCAAGAAAAGGCAGAAAGGAGAAAAAATTGGGGAAAAAAGGAAA AAGGGAAAACAAACCGGCCAAACCCGGAAGGAAAAGGGGAATTAAGGAAA AAAGGGGCCCAAGGGGGAGAACCGAAAGAGAGACCAAAACAAGGGAAAAA AGGCCGGAAGGGGGAGAGAAGCCAAGGAACCAAAACCACAAGGAAAAGGG GGAAAAAGGGGAAAAAAGGGAAAAGAACCAAAAAAAAGAGGGGAAGGGAC CGGGGAGCAGGGGAAAAGGAAAAGGGAGAACAACCAAAGGGGGAGAGCCG G G G G G G GCCAGAGGAGGAAAGGAGGAGCACCGGAATAACGGACGAGGAG AGGAAGACGGGGAAAAGGAACCAGGGAGGGACAAGGGGAGGGAAAAAAGA GAAGACCCAAAGAGAAAAGGGGAGAACCAAAAAATAAGGAGAAACCGGCC AAAAGGGAAAGAGGCAGGAGCCAAGGCACCGGAAGGAGAAAAGGCACAGA AA $\operatorname{l}$ GGGAGCAGGAGAGAAGGGGGGGAGGAGGAGGCCAAAAGGAAGGAAA ACCAGAAGGGGGGCCAGAGAAAAAGAAGGAAAGGGGGAAAAGGAGACGGG GAGAAGAAGGAGACCAAGGGGGGAAAAAAAGAGGGGGGAGGAAAAGAAG GAGGAAGGACACAAGGAAGGAAGGCACCGGAGCCGGAAAAAAAAGGGAAA CCAAACGGCGAAGAGGAAAAGGGAAGAGAACCGGACGACCAGGAGAGAAA GGAAGGCAGACCAGGGAAGGAGGAAGCCGGGGGAGGAAAAGGAAAAAGG GAAAAGGCCGAGAAGAGAGCACCGGCCAGGGAAAGAAAGGAAAAAGGAAA A GA G GACGGGGGGCCAAGGAAGGCCGAGGAGGCGGGGAAGGAAGGGAGA GAAAGGGGACGAAAAGGACCGGGGAACAGGAGAGAGAAGAGCGGGGAAG GAACCAAAAGGAAGAGGAGACGGAAGGAAGGGGACAGCCGGGGGGAAGG G G G G G G G G G G G GAA G GAAAA G G G GAGGGGGAACCGGGACCGGAAACAAG AGAAAAAGGCCAGATAAACGGAAGAACAAAAACGGGAGGGACCGGGGCGG G GAAAAGAGACAGGGGAAAAGAAAAAGGGACGGGAAGAGAGAACAGGAGG ACGGAGGACAGGAGGAAAAGGAGAAAACCAAGGGGAAAAGGAAAAGAGGA AA GAAAAGGAAGGGGGAGAGGGGAAAGAGGAAAAGGGGAAAGAAGGGAA GAGGGAGGGGAAGAGGAAAACAGGAAAGAAGGCCCCGGAAGAGGCCGGAA AAAACCCCGAGAGAAAAAAAGGACGGGGAAGGAAGAGGAGACAAAGCAAC A GAGAGAAGGAAGGAGGGAAGGCCCCGGAAGGAAAGAAGGAGGGGAGGA AAGACGAGAAAAAGAAAGGGGAGGGAAGAACGAACGAAAAAGGAAAAAAG GGAAGTAGACAGGAAAGGAACGAGAGGAAAGAAAAAAAAAAAAGGAGAAA

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 G G G G G GACGAGGACGGAAAAAGAAAGAAAAAAGGAGAAGAGGAAAAGGGG ACAAAAAGGGGGAAAAAGAAAAACGGAAGCCGAGAGGGGGGGAGAGAAAA A G G GAAGGGAGGAGCCAAGGAGGGCAGGGGACGGGAGAAGGAAGGATTA
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AAGGAACCACAAAGCCGGGGGGGCCAAGGAAAACAGCGCAAAGAAGGAAA GGGGGGGGCCAAGGAAAGCCGAAAGGGGACAGAGAGCCGGAAGGGGGGA GGAAGGAGGAGAGGAGGAAGAGGAACAGAAGAAAGAGAGAGGGGGGGGG AAAAGGAAGGAAGGAAAAGAACGAGAAAAGGGGGGGAAGGAAGGAAAGAC CAAACAAGGGAGGGACGAAGGAAAAACAAAAAGGAGAAGGAACAACAAGG AA $\operatorname{l}$ GGAGAGAGGAAAAAGGAAAAGAAGGGACCGGGAGAAGGGAAAAAAAA AA G GAGGAGGGGAGAAAAAAGGGGGGAAAAAGAGGGGGGAGGAAGGAAG GCCGGAAGGGAGGAAAAGGGGAAGGAGGGAGAAAAAAGGGGGAAGGGGG GGAGAAGGGAAGAAGGCCAAAACCAAAAAAGGAAAGCCGAAGGGAGAGAG AA G GCAGGGGGGAAAGAGAGCCAAAAGAGGGAAAACGAAGGGAGGGAGG CGGGGAGGGAAGGAGAGGGGAAAGGGGCCAAAAAAAAAAGGAAGGGGCC AA GGGGCGAGGAAGCAAAAGGGAAGAGAAAAAAGGGAGGAAGGAAGGACC GGAGAAGGGGAAAAGGCCAAAACCCCAAAAGAGGGGAAGGAAAGAGGAGA GGAAAAGGAGGAAGCACACAACCCGGAAGGGAGGAGAGACAAGAAAGGGG AACAGAAAACCCCAGGGGAGCCGGAAAAAGGGGGAAAAAAAAGGGGAAGG GGGGAAGGAACCGGAAGGGGAAGGGGAAAAGGGGAAGGGGGGGGGGCCA AAAAAAAGGGGAAGGCCGGGGAGGAGAGGAGAAAAAGGGGGGGAAGGGG AA $\log \operatorname{GA} \mathrm{G}$ GGGAAAGAAGGGAAGGAAAAAGGAGGGACATAAGGGGAGAC CACGGGAGAAACCAACAAGAGAAAGAAAAAAGGAAAGAAGGGGGACAGAA AGGGGATTTAGCGGGAGGCGAGGAAAGCCAAAAGACCGGCCGGAAGGAAC CAAGGAAGGGGAAAAAAAAAAGGAAACGGGGGAGGGGCCAACCGGAAAGG AAAAGACGGAAGGAAAGAACCAAAAAAAAAAAAGGAGGGAAAAGGTTGGA ACCGAGGAAAAGAAGCACCGGGGGAAGAAAACCGGGGGGGGAAGGGGGG AAAGGAAAAAACGAGAAAGAGGGGGGGGAAAAAAGAGAAAGACAGAGGAC AAGAGGGAGAAACCGGAAGGAGAGACGGGGGGAAAATTGGGGCCCAGGG GCAAACACCGGAAAGAAAGAAGAAAAAAAAACAGAAAGAGGAAAGGGGGA CAGGGTTAAGGAAGGAACCGGCAAGAGGGAAATGACCGGAAAGGGGGGGC AAAAAGGAAGGAACCAAGGACGAAGAAGAAGAAGAGGGGGAAGGGGAGGA AACGAAGGGAAGGAAGAGGAAAGAGAAGGAAGGGGAAAAGACCGGGAAAA GGGCCAGAGAAGGAGAACAGAGAGGAAAGAGCCACGGAAGGGAAGAACCG GAAGAAACCCCGGGGAAGGAAAAAAAAAAAAAAAAAAAAGGAAGGGGGGA GGGAAAAGGGGAAAAAAGGAAAATAGACGGGAACCAAGGAAGAAGGGAGA AAAAAGGAAGGGAAGAGAAGGAACCGGAAAACCGAGGGGGCAAAAGGGGA AAAGGCCAAAGGAAAGAGGGGGAAGGGGCAAGGAAAAAAGAGGGAAGAAC C G G G G G G G $\operatorname{laxAAAAGGGAGGAAAAGGGAAGGGAAGGAGGAAAGGGGAA~}$ AAGGGGGGAACCAACCAGAGACGGCAGCGACCGGAGAAGAGGCGGGACGA GGGGAAAAAGGGGGCCCCAACAAGAAAACCGGAAAAGAAGGGGGGGCCAA GGGAAGGAGGAAGAAGAAAAGGGGCCCCGAAAGGGGAGAGGACCAACAGA AAGAGAAAGGGAAAAAGAGAAGCCAGAGGGAGAAGGGACAAAGAAGAGGG GACCAGACGAGGGAGGGGGGAGGAGCACGCAGGAGCAGGGAGAGGAAGA GACCACAGGCCAAGGAAGAAAAGAGGAAGGGAAGGAAAAGGCATACACCA AAACCTAGGAGAAAAAACAGGAAAAGGGGGGAAAGAAACCAGGGGGGCCA AAACCAAGGCCGGGGGGAAAAGGAACCAAGGACGAGGAAGGGGAGGACCA GAAGGGAAGGAGGGGAGAGAGCCGGAGGGACGAGAAGAGGGGGAAAAAA AGAAAATTAAGGGGGAAGCAGATTAAAAAAAACCAAAAAAAAAAAACCGAC CAAAAGGGGGGAAGGAAAAGGAACCGGGGGGAATTAGAAGAGGCCCCCCA AAAGAAGTAAAAAGGGATTAAACAACCAAAAAAGAAGAGAAGGGGGACAG GAAAGCCAGGGCAAAGGAGGGAAGGAACCGGGAAGGGGGAAGAAAAGACG GCAAAAGAGCAAGAGAAAAGGAACCAGAAAAAACCAAGGGGAAAAGGTAA AGAGACAAATAAAAAGAGGAAAAAAAACCCAAGAGAAGGAACCCAGACAC ACCACCCGGCCGGGAAGGATTAAAAGGGGAAAAGGGGAAAAGGGAGAGGC CCCGGCGAGAGAGACAAAAGGGGGGCCAGAAGGAAAACAGGGGGGAGCCC CAAAGGAACGGAGGGGAACCGGGGCAAGGAGGGGAAAAGAGGGAGAGAG AAAGAGAAGAAAAACCGACCGGGGAAGGAAGATTAAGAAAGAAGAGACAG GGAGCCACAGGGGGGGAAAAAAAGAAAAGGAAAGGAAGCAGGAAAAAGAA GGAAAAGGAAAGAAGAGGAAGAAGAGGAGGGGCCAGAAGGAAGAAGGGAA GGAAAAGGCCAAGGAAGGAAGGGGAAAAAAAGGAAGAGGACCAAAGAGGA GGAAGGGAAGGGGAAAAAGAGAAGGGAAAACCCGGGGGCCAAGGGGGGA AGAAAGGGGAAGGCGGAGGACGGGGCAACCACCAGGGAAGGGAGGAAGG ACGAGGAAGGGGCCAAAATTAAGGGGAAAAGAAAAGCCGGGGAGAAGGGG AAGGAACCAGGGCCGGAGGGAAAGAAAAGGAACCGGGGCAAAAAAGAAGA

AACACAGAAGGAGGGGAACAGAGGAACCAGAAACAGGGACAGGGACGAAA G G G GACGAAGCCGGGAGGAACCCAGGAACCAGAAAGAGGGGGAAGAATAC AA G G G G G G AAAAGAGAAAGGAGAAAAAACCAAGGGGAACCAAACGGGGGG AA $\operatorname{A} A \operatorname{AGGG} \operatorname{GA} A A C G G C C G G G G G A G G G G G G G A G A G A C C C C G A A G A A G G A A G$ GAAAGAGAGAGAAAGCAGGAAAGGGCCAAGGAAGGAGAGGGCCGAGGGG AAAGACGAAAGGAAAACCAAAACCGGGGGGAAAACCAAAAAACCCCAGAA CCAAGGAAAGGGCGAAAAAAGGAAAAGGGGGGCCGGAAAAGGAAAAGGCC GGCCGGAAGGGGGGAAAAAAAAGAGGAAGGGGGGGGAAAAGGCCAGAGG GCCAAGGCCGGGGGGAAGGAAAAAAGAGAAAGGAAAAGGGGAGGAGAGG GGAGGAGGCCAAAAAACGCAGGCCAAAAGGGAAGGGGGCCCCGGGGAAAG GGAACCAGAAGGCCAAGGGACCAGAGAAAGGGAAGAGGAGAGAGCAGAAG GAGAACAAGGAACCAGGAGGCCACGGAACCGAGGAAAAAGACGGCCGAGG GAAGGGCCGGGAAAGGGAAGCCAAGGAAAAAAAACAGGAGAGGGGAGACA GGCAAAAAGGAAAAGGAAGGAAAAAGGAGGAGACAAGGGGCCAAGGAAAA GGAACACCACAACCCCCCAAGAGAAAAGCAGAGGAAGGAGACAAGGGGCA GGGAAAGGAGGAGCGAAGAAAGGAGGACAAGGAAGGAAAAGGCAAGAGCC GACAGAGAAGAAGAGAGGGAGATTGAAGAGGGAAGGAAGGGGAAAAGGCA GGAAAAAAGGAAAAAAAAGGCACCAGGGAAGAAGAAAAGGGGAGAAAAGA GACAAGGAAAGGGGAGCCGGGGGGGAGGGGACAAAGAAGGACGGCACCA ACCAAAGAGAGCAAGGAGGGGAAAAGGAAAGCCAGAGGGCCCAGGGAGGG G G GAGCAGGCCGGGAGGAGAGGACAGAAGAGAAGAAACCAAAAGGCCAGA A G G A A G G A G G G G G G G CAA $\operatorname{A}$ TTGGAAAAAAAAGGGGGAAAAGAGGAACGG AGGGAACAAAGGGGGGCCAGAGAAGGAGACGGAGGGAAAAAACAGGAGAG GAAGTAGAAAGGGAAAGGCCCACCGGGGAAAAAAGGAAAAAGAAAGGGGA A G G A G A G G G G A CAA G G G G G G A A G G G G A A A A A A G G A A GAGGAAGGGGGGA G G A G G G GCCAAACAAGGAAAAAAAAAAGGAGGGCCCCGAGGAGAAGGGGG GCGGGGGGGAGGGGGAGGGAAAACAGGGGAACCGAGGAGGAGCAGAGAG GCGGAAAAAAAGAAGGAAGGACGAGGAAGAATAAAACCCCGGGGAGGGAA GGACACAAAAAAACCAAGATAGAAAAAAAGGAAAAGAGAAGAGGAACCGA G G G GAA G G G G G G G G GAGGTTCCGGGGGGAGAACAAAGGCCGGAAGGAAG GAGGAGGGGACGAAAGGAGCGAGGGAAAGGGGGAAGGGGGGGGAAGAAG CAAGGGGGGGGAGGGGGGGGAGGAGGAGATCCGGAGAAGGAAGGGAGAA GAAGGAGGGGGAAAAACAAAACCAGCAAAAAAGGAAAGGAAGGACCAGAG G GAACCCGAAATTCCGGCCGGGGGAGAGACAAGGGGGGAAGAGAGAAAAG G G G G G G GCCAAAAGGAGAAAACCAACCGGGGAAAACCAAAAAGAAAAGGA AGGAGAGGGAAAAAACCAGACGAATGAAAGGCAGCAAAAGGGGGGGAAGA AAACAAACCGAACAAGGCCGAAAAAACAGGACAACAAAAGGGGAGAACCC AAAGAAAAAAAGGGGAAAAGGAAGGAAGGAAGAAGCCGAGGAGCCACAGG AAA $\operatorname{l}$ GGGGCAAGGGGAAGGAGGGAAAGGGGGCCGGGAGAGAAAGGAAAA AAA $A$ AA G G G GCCAAAAGGGGGAACAAGGGGAAGGAGCCAAGGAAGGGATA ACAGAGGGAAGAGGGGAAGAGGAAAAAAGGCCGGGGGGAAGGCCGGAAG AAGGGAAGAGGAGAGGATTCCGAAGGAAGGATTAAAAGGAACCACAGAAG AA G GAGAAGGGGGAAGGAAGGAACAGAGAGGGGAGAAAAGGAGCCGAGA CCGAAAGGGGAAGGCCGGAAAGCCAGGGGGGACAAGCAAAGACCAAAGAA AA G G G GAGGACCGAGGGGACAAACCCACGGCCAAAAGAGGGGGGAGAAAA CCCCAAAAGGGGGGCCAAAAAAGGGGAAGGAGGCAAGGAGTTGGAGAGCA CAAGAGGGGGGAGGCCAGAAGGAGAGAAGGCAGGGGGGGGCCGGCCGGA AGAGAAGAAAGAGGGAATTGGGAAAGGAAAGGGGGCCAGAAAAAGGGGGA G G G G GAGGGGGCCCCGAGGAAGGGAAGACAGCCAAGGACGGAAAAAGGA GAAAGGGGAAAAAAAGAAGGGGAGACAGGGAAGGAGGGGGAGAAGGAAG G GAGCAGAGCAAAAGAGACAGAAAAGGCAAAAGCAGGAAGGGCGGAGAGG AAA $\operatorname{A}$ GAGGGAAGAGGGGGGCCAGGAGGCCCCGGCCCCGGAAGGCCGGGG CCGGCAGAACAAGAGAGGCGAAGGCCAGAAAGAAAGGGAAAAAGAGGACC G G G GCCAAAAGGGGGAGGCCGGGGAAAACCAAGGACACGACCGAGGGAAA G G ACGGGGGGAAGACCAGGAAGGGGAAAAACCGGAAGAAAAAGGAAAACC GGGAAAGGAACAAGGGAAGGGAAGAACCGAAGAGGAAAAAAGAGGGGGG GAACCGGAGAAAAAAAAGGGGGGGAGGGACCGGAGCCGAGGAAGGGGGA G G G G G G A A A A A A A G G A G G G G G G G A G A G A GCCGGACGGGGGGGGAGGGAAG G G G G G A G G G G GAAAGAAGGGAAGGGGGAAAAAAGGAAGGGGGGAACCTA AA $\operatorname{H} A A \operatorname{ACCGGGGAAGGGACGGGAAAAGGGGGGACGGAAGGGGGGAGGAG}$ GGGAAGGAGAAGGGGAGAGGGAAGGGAGAGGGGAAGAGGGAAGGAAACC

GGCCAAAACCAGGGAAAGAAAAGGGAAGAAAAAAAGAACAGGTTAAGGAG GGGAAAGGAGAAACAGGGGGAAAGGGGGAGCAGGAGGGAGAGAGAGGGG GGGAAAGGACCGAGGGGAAGGAAAAAAGGCCAAAAAGAGAGAGGAACGAA AGGGGCCAGAAAAAGGAAAAGAAAGCAAAGGGGGGAATTGGGGGGAAGG GAATAACCAGGGAACCGGAAAGGAAGGAGAAGAAGGGGGGAAGGGGAAAG CCCCAGAGCAAACAAAGAGAGAAGACGGAAGACCCACCGGGACAAGCATT AA G GCCAAAGCCAAGGGGAAAAGGAGGGAGGAGGGGCCAGCAGGGGAAAA AA G GAAAGACAAGGGGCCGGAAAGGGAGAGGGAGAAAACCGGGGAAGGG GAAGAAGAGGGGAAGGAGAAAAAGAAACCGAAAGGGGGAAGCAGAAGAAG AGGAAAAGGAGGACAAGAGGGAAAAAAGAAAGGGGAATTAAGGAGAAGGA AGGAAGGAAAGAAGGGGAAAAGGGGAACAAGAAAAGGCCAAAACAAAGAA GCCCCGGAAGAAACCAAAGCAAAGGAAAAAGAAGGGGAAAAGAAGAGGGG GAAGGGACCGGAGGGCAAAAGCGGGAGAAGGGGGAGAGGGAAAGGAAGG AACATATTAGGGCCCCAAAGAGCCGGGGCAAGCCAGGGGACCAAAAGAGG GGGGAAGGGAGCGACCGGAAAAAAAAAAAAAAAAAAAAGGCACCAAAAGG GGGGAAAAAGACAAGAGGAGGGGATAAAGGCGAAGGGGGAGAAGGGAAA ACAAGGGCCGGAGAAAAAAAGAGAAGGAGAGCACAGAAGAGGGAGGGAAA GGGGGAAAACCCCGAGGGGAAAACCGGCCCAGGGAGAGAAAGAGAAAAAG GAAAGGGGGAAGGGAGGCGAAAACCCGAAGGGGAAGGAAAGAAAAGAAGG ACCGAAGAGAAAGGGGGGGAGGGAGAAGGACAGGGGGGGGAGGGAAAAA CCCCAATACAGGCAGAAAGAAAAATTGGGGAAGAGGGGGAGGACAAGGGA AAGGCCGGCCAGAGACAAACCACAAAAAGAGGAAAGGGGAGGAGGAAGGG GGAATTAGACCAAAAAAAACGGAAAAAGGGTTGGACAGGAAAGAGAAAGG GATTCCGAGAAAGGAAGGAAAGAGGCAAGGGCCCAACCGGGGAGCAAAGG GACAAAAAAAGGGGAAGAAACCAGCCGGAAGAAAAAGGAAAAAATTAAAA AGCCGGCCAACAAAAGACAAAGAAAGGGGAGCCCGGATAAGGAAAAAGAC GGGGAGCGGGAAGGGGACGAAAAAGGAAAAGAAGAGAAGGAAAAAAAAGA GAAAAAAGGGCCGGAAGGCAGACCAGAAAGAAAGGGGGGGCCAAAGAAAA GGCCAAGGGAGGAAGAAACCGGAAAAAACAAGAGAGGGAGGGCGAGGGCC CCAAGGGAAGACCCAAGGGGAAAAAAAAAAAGAAGGAAAGGGGAGGAAAA GGGGGGAAGGGAGAAGATAGGGGAAAAGGGAAGGGGAAAAAGAAGGAGA CAGCCGGGGAAGGAAGGGAGAGAAAAGGGAAGGGAAAACGGCCAAAACCC CCCGGCCACGGCCGAGGAAGGGAGACCAGGAGGAAAAAGAGGGAAAGAGG GAAGGAGGACCGGAAAGGGGACAAGACAAGAAAGGAAGAAGAAAGGGGGG GAGGAGAAGGGAAAAGGGGGGGCAAGGAGGGAAGGGGGAGAGGAAGGGG GAGGAAAACGAGAGGGAGGGAAGGGGAAGGGAAGAAAAAAGGAGGAGGA CCGGGAGAGAGGGACAGGGGGAAAAAACCTTAAGGGGAACCGAGGGAGG GGAAAATAGGAAGAAGCAAGGGGGCAAGAGGGGGGGAAAAGGAGATAAAG AA GAAGCAAGGGAGAGCCGGAAGGGAAAGGAGGGGAAGGGGAGGGGAGA ACCGGAGGAGAGAGGAAGAGAGAGAGGGAGAAAAGGGAAGGGAAGGAGA AGCCAGGAGGGAGGGAGAGGAAGAAGGGAGGGAAGGACGGAGGGAGGGG AAAGGAGCCAAGGAGGGAAGGAAGGGGAAATACAAGAGGAGGAAGAACGG GAGGGAAAGAGGGCAAGAAGGGAGGAAGGGGGGAAAAGAGGAAGAAAAA AAGAAGACAGAAGAGGGACAAAAAACGGAGAGAAGGAGCAAAGAAAGGGG AA $\operatorname{l}$ GGGAAAACCGAGGAAGGAAAGAGAGAGGGGGCAGGAGAAGAAGAGG AAGAGAAGGAAGGGAGGAAAGGAAGCAGAAGAAGGAAGGCCGGCCAAGGA GGGCAGGAAAAGGAAAGGAAGAACCGGAAGCGGAAAGAGAAAAGGGGGAT AGAGGCCGAGAGGAAAGGAGAGGAAGGAACCATAAGGAAAAGACCAGAGG GGAGAAAACCCAGAGGGCAAGGAGCAGACAAAAGGAAAAGGGGAGGGGGG GAAAGAAAGAAGAGAGGAAAAAAAGGAGACAAAGGGGGGGGGGGAAAGGC CCCGGAACCCCAACCAAAACCGGGGAAGGCCGGGGCCAAGGAAGGAGAGA GGGGAATAGAGGAGGAAAGGGAGAGGGACACAAAAAGGAACAAGGAACCG GGGAAAGCCGAAGAACCGGGAGGAGAACCAAAAAAAAAAAGATAAACGAA AGGGAGGGAGGGGAACAGGAAGGAAGGCGACAAAAGATTAAGGAGGGGA AAAGAAAAAGGAAGGAGCGAGAGAGAAAAAGGGGAAGGAAAGCCAAGACC GAGACCAAGGGGGGGAAGGGGAGGGGGGAAGGAAAAAAAAGGGAGGCCG GGGAAGGGAAAAAGAAAGGGGGGGGGGGGAAGGAAAAGGAAAGGAGGGG CCAACCGGAGCAGGAGAAAAGGAAGGGGGGGGAGAAAGACAGAAAGGGAA AAAGGAGGGACAACAGGGGGGGGGGGGGAAGGCCAGAGGGAGAAAAGAG GGAAGGGGACCAGAAGGAAGAAGAAAAGGGACCAGAAAGGAAAAGCAGAC AAAGGGAAAGGAGAAAAAAAAGGAAAACCGGAGAACCGGAGACGGGGAAG

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G G G G GCAGACCAGGAGGCCGGGAAAGAGGCAAAAACAGAGGAGAGGAGG AA $\operatorname{G}$ GAA $\operatorname{l}$ GAGAAGGGAGGGGAAAGGAGGGGGGGGCCAAAACCGGAGAGG A G GAACCAAGGGGGGGGAAGGGGAAGGGGAGACGGAGGAAGGGAGGGGG A GCCGGGGGGAAGGAACAAAAAAAGGCGAAAAGGAAGAAGACAGGAAAGG GCACAGACGGGGAGGGACGGAAAAAGAGAAGGAAGGGAGGGGGGGGGGG GAGGAGACAAGACGGAGGGAGGGACAAAAGATAGAAGAGGGGAAAAGGGA GAAAAGGGGGGGGGGGAGAGGAAAACAGGGGGAGGAAAAAAAGGGGAAG AAAGGAAGGAGGGAGACCGGAAGGGGAACCGGAAGGCCAAAAGGGGCCAG CCAGAGAGCAAAGGCCGGGAAAGGAAACAGGGAGAGAAGAAAGACCGGAA AAAGAACAAAAAGGAAGAAGAGAAAACCGAAAGGGGGACACAAAAAGAAA GAGAAGAGAAAGAAAGAGCAAAGGGGGGAAGAAAGACCAGGGAAAACCAG AGGGCCTTGGAATTCCAAGAAGAGGACGCAAGACGGCCAGAGGAGAGGGA AAGGTTAGAAGGAAAAAGGGGGGACAAAAGGGGAGGAGAAGGGAAACGGA CCCCGGAAAGAAAGAGGGGGAGGGGAGAGGAAAAACCCAAGAAAGGAGAG AGAGGACAAAAGGGAGGGGGCCCCAGGAAGAGAAGGGAGGAAGGCCGAG GACCCCACCAAGGAAAGAAAGCCCCAGAAGAGAGAAACGGGAAGGAGGGG AA GAACCAGGCCCAAGGGGGAAAAAGGGAGAAGGGGGAAAGGAGAGGAAA TGGACGAGAAACAGGGACAAAGGAGCCGGAAAGAAAAGGGGAAGGACCCA ACCGGAAGGGGGGAAAAAACCGGATATAAAAAAGGAGGAAGGCAGGAGGG GCAAACCAGAAGACCGGGGAACCGGGGGGAAGGGAAAAACCGGGACCCCA AAAAAAACGGGAAGGGGGGAAAGGGAGAAGGGGGGCACCAAAAAAAAAAG GAAAACGAAAAGAGGGGAAGGAGGGGGAACCGGAAAAGGGGGGGGGGCC AA $\operatorname{GGGGCCAATAGAGGAGAAAAAAAGGGGAAGAGGGAAAAAGTAGGAGGG}$ AAAAGGGAGGAAGGAAGGGAGGAAGGGGGGGGAGAGACGGGGAAAGAGA GTAGAAAAAACGGGGAAGGAAGGAACCCCGGGAGGAAAAGGAGGGAGAGA GAAAAGGGGAACAAAAGGGGGCCGGAGAGCAAAGGAAAGAAAGGAAAAAG GAGGGGGGGAGAGAAGAGGGGGAACAAGAAGGGGGCGGAAAAGAACCGA ACGAGAAAGGAGGAAGAGAGAAGAAGACGGAGAAAGAGGGGGGGGGAAG GAAAAAAAAGGGAAAAAACAGAAAAAGGGAGCCAGAAGGGGAGAAGGTTA AGCAGGGACAAGGCCAGGGAAAAAAAAAAGGAAAGAGAGAAGAAAGGGGG AACAGACAAGGAAAGGGAACAGAGGAAAAAAGGGGCCAAAAGGGGGGGAG GAAAAGGAAAGGGGGCCAAGAAAAGAAAAGGAAGGAAAAGAGGAAGGAGG G G GAGGACAAAGGAAAGAGGGAGAGGAGGAAAACCCCAAAACCGGAAGGC CCCGGAAAAAACCAAGGGAAAAAGGGGGGACAAGAGGGGAGAAAGCCCAA AAAAACCGGAACAAGCCGGGGAAAAAACCGGGGAAAGCCGGAAGAGGAAG GAAAAGGCCAAGGGGGGAGGAGGAGGGAGCAGGGAGGAAAGAGAAAAGG AAAAAGGGGAGGGAGAGGATAAAAGGGGCCGGGGAGAAAAGGGAAGAAG GAGGAAACCGAGGGGGGGAGACACGGAAACCGGAAAAGGAAGGAGCCGGA AAAAAAGCCGGCCCCCAAAGAGGGGAAGAGGGGAGCAGAAAGAAGGGAAG GAAGGGAGGAGCCAGGACAAGAAGGAGAAAAAAAGGGAAAATTGGAGGGA GAGAAAAAGAAAAAGCAGAAAGGAACAAAGGGAGGAGCAGGAGAACAAAG AGAAGGGAAAAAACAAGAAGGGGAAAGAAAAAAGGAACCAAGGGGAAAAC AGCGGGGGGAAAAAAGGAAGGGGCCAAGGAGAGAGGAGAGACAAGAAAAG GAAGAAAGGCCGGAAGAAAAAGGGGACAAAGGGAAAGGGGGGAAGAGAAA CGGGGGAAGAAAACCAGACGGAGAAAAGGGACCGAAGGGGGGGTTAACGC AGGAAGAAACCAAGGAGGGAGAAGGAGAGCAGAAGAGAAAGGAAGAAAAA ACCAAAAGGAAGGAAAGAGAGGGCAGGGGGGGACAAGCCGGGCGGGGGG CCCCAGGGGGGGCCGGAGGAGGAAAGAGGAGGAACAGACCGGAAAAAACC AA G G G GCCAAGGGGAAGAAGAAGGAAAGAAATGAAAGAAGCCAAAGGGCC A G G G G GCCGGAAAGAAAAGGAACCGGAAAAAGGGGGAAGAAGAGGGGGG A GCGGGAGAGGGGAGAGAAGGGGAAAAAAAAAGAACCAAGGCACACAAGG G G G AAAAGAAGGGGAGAGGGGCCGGAAATAAAAAAAAGAAGGAACAACAG A GACAAAAAGGAGGGCAGAGGGGAAAGCCAAAAAAAAAGCCGCGGAAGAC CGGAGCCCAAAAGAAGCGCAAAACAAGCCCCGGGGGGGGAAGGCCAAGGA AGGGGCCAAGGAAGGGGAAAAAAAAGGCCAAAAGGAAAAGGCCGGGGAAG G G G G G G GCCGGGGGGCCAAGGCCGGGGGAAAGGAAGAGGCCGGAAGAAC AAAGGGAGGGAGAACCCAGGAAACACGAACGGGGGAAAGGGGGGAAGGA GGAAGGGAAGAAAAAGGAGAGAAGGCCGAAAAACGGGAAAAGGGGAAAGC AAAAGGAGAAAACAAGGAACCGGAAAAAAAGGAGAGGAGCCAGAGGGCCG G G G G G G A A GAGGAATAGGAAGGGGGGGAAAAGGGGGGAAAAGGGGAAAA GGAAGGGGGGCCAACCAAGGAAAAAAGGAAGGGGGGGGAAGGGGAAGGA

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$22044000-9$ G G G G G G CCGGGGGGGGAAGGAAAAAAAAGGGGAAAAGGAACC CCCCAAGGAAAAAAGGAAGGAAAACCAAAAGGAACCGGGGAAGGGGGGGG AACCAAAAGGGGCCGGGGCCGGGGAAGGCCAAGGAAGGGGAAAAGGGGA AAAAAGGGGAAAAAAGGAAAAAAGGAAGGAAAACCGGGGCCGGAAGGGGA AAAGGAAAAAAAAGGCCGGCCAAGGAAAAGGAAAAGGAAGGGGCCGGCCA AAA $A \operatorname{GGG} \operatorname{GGGGGGAAGGGGGGGGAAAAGGGGCCAATTGGAAGGAAAGAA}$ AAAGAACCGGGAAAGAGGAACCGGAGAGCCGGCCAAGGAAGAGAAAAGGG GAGGAGGAGGAAGGAAGGCCAGAGGGAGAAAAAAGGAACCAAAAGAGAGA G G G A G G G GCCGAGCGGGAAAGGGAGGAACCAGAACCCCGGGGAAGGAGT AAGCAAAAGATGAAGAAGGGGGAAGAACCGAGGAAGAGACCTTCCAGGGC CGGGGCAGAAGCAAGAAAGGAAACAAAGAGAAAGGGGAAAACCGGAAGAA GAAAGAAGGAAGGGGAAAAGGAGAAGGGGAGGACAACAGAAGAGAACAAC CGGACGGCAGGGGGACAAGGAAAAAGGGGGGGGAGGAGAGAGAGACCGA GAGGAGAAAACCAGAAAGAAAAGAGGAGGGGAAAGGGGAAGGAGAGGACC AA GGAAAAAAGGGACCGAAAGGGGGGCAACGCCGGGAGAGGGGAGGGGA GAAAGAAGAAAAAGAAAAAGGAAGGGGCCAAGGGAAGGGCCGGTTGGGGG AAAGGGAAAACGAGAAAAAAAAAAGGAAAAAAGCCAAAAGGAGGGGCGAA AGGAAAACCCCAAGGCAGGAACCAGAGAAGGGGCCGGACAAGGCCGGAAA AAAGGAAAAGGGAACGGGGGAAAGAAAAAGGAAAGAAAAGGGGCCAAAAA GAGAAAGGAAAGGGGAAAAGCGAGGAAAAAAGGGGCCAAAAGGAAACGAG ATAACAGAAGGAAGGAAGAGAAGAGAAGGGGGGACAGGGAAGGAAGGAAA AGAACGAGGTAAGTTCAAAGGGGGGAAAACCAAAAAAAACCAAGGGGAAA GAAAGGAGACCGGAAAAGGAGACGGAAGAACGAGGAAGGGAAAGGAGGAA CGAAAGAAAACGGACAGGGAAGGAAGGGGAAAGGGGGGGAAAGAGAACCA GAAACCAGGGGGAGAAGGAGGCAAACCGCCACAAACCAAGGAAAAAAGGC CAAAACCGGGGAAGGCCGGTAAGTAGACCGAGGAGGAGGGGAAAAAAAGA GAGAGCAAGAGAAAAGGCCGAAAGAGGGGAGAGAAAAAAGGACGAAGAGC AAAGACAGAGAGGGGAAAAACAGAAGGCCGAGGAAAAAAAAAGGAGAAGA GTAGGGGCAAGAAAACCTTGGAAAAAAGAAAAAAAGGAGAAAACAGAGAG GGGAAGGAAAAGGTAGGGGAGGAGAGAAAAAGGCCAAAAAGGGAAGAGAC CGGAGAAGAACAGGGGGAACGAGACGGACAAAACGCCAGAGCAAGAAGGC CAGCCAAAAAAAACCGGAAGGAAAGAAAAAAAACCAGAAAGAGGGAACAA G G G G G G GTTAAGGGGGGGGAAGGGAGGAAAAGGGAAAACAAAGGATAAA
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AAAAAACGACCGGAGGGCCACAAGAAGCCAAGAGGAAGGGAAAAACCGGC CGAAAAAAAAAAAAAGGAACCAAAAGGGAGGGAGGAAAAGGGAGACCAAG GGGGAGGAAAAGGGAACGGGGAACCAAAACCCAAGGACCGAGACCACAGC CGAGGGGGGAGGAAAAAAAAAAAGGCAAGGGCCGGAAAGGAAAGAGGAAG G G GAAAGGGCCCACCACGGCAAGAGGAAAGGGAGGGAAAAGAAGGCGGAA AGAAAGGAAAGCAGAGCAGCAGGAGAAAAGGCCAGAAGGAACCGGAAAAC A GA $\operatorname{A}$ GGGGGAAGGGGGGGGACAGGGACGGGAGGAAAGGGCAAAGGAAGG G GCCAAGGAAGAGACCCAAGAGCCAAGGAAGGAAGACAGAACAGAGGAAC A G G G A G G G G G G G G G A A GAGAGGGAAAGAGGGGTTGGATGAAGGAGAGAG AAACCAGGAAGAGGAGAAGAAAAAAAGGGAGAACCGAAGGACAGAAGGGA AGGCAAGGAGGAAAGGGCCAAAGAGAGAGCCGGGGAGCAGGAAAAGGGAT TAAAAAGCAAAAGGGGGGGAGAGGGGGAGGAGGGAGGGGGGCCGACCGA GAGAGAAGAGCCAGCGAAAAGGGACAGGCATAGGGGGAAAAGACAGCAGG GGGGGGGAAGAAGGACAAGGAAGAGGGGGGAAGGAAGGGGGAGGCACCA AGGGAAGAGAGCCAAAAGGAAAAAACCAAGGCCAAAAAAAGGAGGAAGGG GAAAGAGGAAAAAAAAAAAAAAAAACCGAGAAGGGGGGAAAGGAAGGGAG GG GAAAAAAGGGGGGACAGGGAAGGGGGGCCCCAGGGGGAAGGGGGAAA G G AA G GAA G G G GCCGAAAAAGAGGGAAAGGAACAAGGAAGAAGGAGGGCC G G G G G G A A A G C CAACCAAGGGGGGTTGGGGAAGGGGACGAAAGAAAGGG G GAAGGGGGGGGGGGGGAAAAAGGGAGAAGGAAGGAAGGCAGAAAAAAG AA A G G GTTGGGGGGAGGAGGGGAAGAGGAGAAAAAACCAGGGGAGGAAA A G G G G G G A A G G G GCCGGGGAAGGAAAAGGAACCAACCAAGGGGGGAAGG G G G GA GAAAAAGAGAAGGGGGGGGAAAAAAGGGGCCGGAGCCGGGGGAA AAAGGGGAAGGAAGGAGAAAGAAGGAGAGAGAGAGCGGAAAAAGACCAAC CAGAGAAAAGAGGGGAGACAAGAAAGAGGGGAAAAGGAAAAGGAAAAAAG GAAAGGAGGGAAAAAAGGGAGGAAGGGGAGGAAAAAAAGAAGGAGAGAG GAGGAAGGAGAAAAAAAAGGGACCCAGGGAGGAAGAGGGGAAAGGGATAA AGCCGGGGTTGAGGACCGTAGAGGAAGGAAGAAAAGAGAGGGGAGGGGG GAGAAGGAAGGAAAAAAAAGGGAGAGGAAAAGGATGAAAACGGGGCATTG GAAGGCCAGGGAAGGGGGCAGCAGGGGGGAGAAGAAAGGAACCGGAAAA AGGAGAGAGGGGGAAACCAAACAGAAGAGAAGGAAAGGAAAGAAAACCAG ATGGAGGGAAAAAAGAGAGGAGGGGAAAAGGAGAGAGGGAAGAAGAGAG ACCAACCGGACAAGGGAGGAAAAGAAAGGACAGCCAGAAAAAAGGAAGGG GAAAGGGAAGGTTCCAAGGTTAAAACCGGGGAAGGGGAAAAGGAAAAGGG AGGACACAAGGAACCAGGATAAAGGGGAGAAACGGGGGGGGGGAGGGGG AAAAGGGGGGAGAGCCAAGGAAGGGGAAAAAAGGCAGGCCGAGGAAAAAG AGAGAAAAAAAGCCAACCAAGGAGGGACCCGGAGAAAAAACAGAGGAGGA AAGGAAGAACCAAGAGAGGAGGATACGAGAGGACCCCAAGCAGGCCGGAG GGACCCAACCGGAAAGAAAAGAAGCACAGGAAGGGGCGAGAAAAAGAAAG GAACGGAAGGAAGGGAGAAAAAGGGGAGCAGAGGAAGGGGAAAAAAAAAG GAACAGAGGGGGGGGAGGAAAACCGGCCAAAGCAGGGGAGAGACAGGCAT GAGGGGCCGGGAAAGGAGGAGGAAAAGAGGGGGGGGGAAAGGGGAAGGC CAACCAAGGAACAGAAGAGGGCCGGGGGGAACCGGAAAGGGGGAGGGGG AAAGGGGAGGAAGGAAAAGGAAGGAAACAGACGGAAAGAAAACCGGTAGG CAAGGGAAAAAGGGAAAAAGCAGAACAGAGAAAGAGGAACGAAGAAGGGG GAGGAGAGGAGGCCAGAGAAGGAAGGGGAAGGGGGGAGCAAAGGAAAGA CAGCCGGACAGGGAAGGGGAAAAGGAAAGAGCCGGCCAGCCGGAAGAGAC CGAAAAAAGAACCACGGAAGGCCGGAAGGGGAAACGGGGGGCCAAGGGGG G G G G G A G A A A G G GAAGGAGAACCAGGGAAAAGGAAGAGAAGGCAAGAAAA AA $\operatorname{A}$ GAGGGAAAGGGGGGGGCCTTGGGGAAGAGGGGAGGGGAACGAAAAG AACCAAGGGGAACACCCCCCGAGAAACCGGGGAAACGAGGGGGAAAGAGG AGAGCGAGAGCCAGAGGGAGAACCCCAGAAGAGACCAAAAAGGAGAAAAA GGAAACAAAAAAAGAAAAAAAGGAAAGGAAGGAAAGAAGGGGAACCGGCA ACGAGGAAGGAAAAGGGAGGAAGGGGCACCAGAGGAAGGAGGAGGCAAA GAGAACCGGGGCAAGGGGGAGAGAAGGAAGGGGGGAGGGAAGGGGCCCA GAGAGAGAAAAAAGAACCGGAGAAACACAGGAATAGGAGAGAGGGAAAAA AAAAAAGAGGCGGAAGAAAAGGACAAAAAACGCCAGAGAGAAAGCGGGGG AACCCCAAGGAGCAGGACGGGGGGAGGAGGAAAGGGCCGGAAGGAGGGG AGAAGGGAGGGAAGAGGCCGGGACAGAAAGGACAAAAGGCAAAACGGAGA GGGGGAGAGAGAGAAAGGGCCAGACGGCACCGGGGAGACCAGGAGGGAA AAAGCAGAGAAGGAGGAGAAAAGGCCGGCCGAGGACAGAAGGAAGGGGGA

A G G G GAAA $A$ GGGGGGGGGGGGAGGGGGGCCAAGGGGGAACTTCCGGTTA AAAAAAAGAGGGAAAAAGGGAGGGGAGGAGGAGAAGGGGAAAGGACAAGA G G G A C G G G G G G G A A A G G G GAGGGGGCCGGAAGGAAAAGGAAGGGGAACC AAGGAAGGAAAACCAAGGAAGGCCGGAGAAAAGGAAAAGGCCAAAGGAGA AA $\ln$ A $\operatorname{AA} A \operatorname{GAGGGAACAGGAAAAGAGGAGGAGAGGCCAGAGCCAAAGGGGG}$ GAGAAAGGAGGGGACAGAGGGGAGAAAAGGAAAAAAAGAGGAAGACGGCC A G G GACGGAACCAGAGGAGGAAAGGAGGGAGGAGGGCCAAAGAGAGAGA AA G GAA GAAAAAGGAAAGGCCTTAAAAGGAAAGGAGGGGAAACAAAGGGA TAAGGGGGAGGAGGAAAAAAGGAGAGAGGAAAGCAGAGGGGGGCAAGAA AAGAGAGGAAAGAAGGAGACGGAACCGGAAGAAAGAAACCAAGAACACAA GAAAGACAGAAGGGAAGGGGAGAGGGGGGGGGAAGGAGAGAGAGCCGGA GGGAAGGGGGGACAGAAAAGAAAAAAAGAGGAAAAAAGGGGAAAAAAGGA AAAAGGAAAAAGGAAAAAGGAGGAAAGAAAAAAGAAGGGGCAAAGAAGGG GGACAAAAGAGAAGGGGAGGAGACAAAGAAGGGAAGGAACCAGGGGGAAC CGGGGGACCGGGGTTAAGGAAAGGAGAAGGGGGAAGGGGAGAAGGAAAA AAGGCGAAGGCCAAGGGAACCACAAGAAACCCAAACAGAAAGGGAGGAGG G G A G G GAA G GAAAAGGAAGGAGGGAAAAAGGAAAGACCGGAGGGGGGGA AAAAAGGGGAAAGCCAGGGGAAAGGGAAAGGGAGGGGATGGGGAAGAAG AGGAGGGGGGAAAACCAAAACCGAAAGGGACAAAACGAGGAAGGAAGGGG G G G G A G G G A CAA G G GAGCAAAAGGGAAGGGGAGAAAAGTTGGGGGGGGG AGGAAAGCCAAGGCCCCGGAGAGGGAAAAGGAAAAGAGGCACCGAAAAAA GAGCAGAGAGGGGAGAGGGAAGGGAAAAAAAGGCCCAGGGGGAGAAGGG AA $\operatorname{G} \operatorname{GGGAGGGGGACAGAAGAAGAGAGGGAAGGGGAACCTTGGCCCCGGG}$ ACCAACAGACAGGGGGAAAAAAAGGAAAAGGAAGGAAAGGGGGGGGAAAG GGGCCGGCCGGGGCAAACCAGAGGGGGGGAAAGGAGGGGCCGGGAGAAA CAAGGGAGCGGGAGAGGGGGAGTTGAGGGGGGAGAAAGGAGAACCAAAA AAAGGAAGGAAAAAAAAGGCCGCGCAGAAAGGACCAAGAAGAAGGGGAAA AAAGGAACCGGAAAGCCACAAGAAGACGAAAAAAGAAAAAACCGGGGGGA AAGGAAGAAAAAAGAAAAAAAGGGAACGGGGCCGACCGAAAAGACAAGGA GCCGGGGGGGAAAAGCAAAGGGAGGAAAGACGAAAAAGGGGAACCCCAGA CCCCCGGAAAGGAAAGAGGTTAAGGAGACGGAAGAAGGAGAAACAGGGGA AAAGAAAGAAGGAAGAGATAGAAAAAGCCAAAGAGAAGAGGAAGAAGGAG GGAAAAAAGAAAGGGAGCCGGAGGAAAAGGGGGAACAGAAAGGAGGGGG GAGGACACAGCAGGCGAAGAAAGAGGGGAAAGAAAAGAAACAGGAAAAAA AAAGGAGAAAAAAAGGAAGAAAGGGAGAGAGAAGAGGGGGAAGGAAGGAC GAGGAGGGAAAGCCAGAAGGGAACCCGGGGAAAGGAAACAAAGGAGCCGA G G G GA GAGATGGCCGGAGGAGGAAGGGAAAAACGGGAAAAGAAAAAAAGG CCCCGGAAGGGGCCGGGAAGCCGGGAGAGGGGAAAAAGAAGGACAAGGAA AAGGAAGAAGGAAAAAAAGGAAGGGGGAGGGAACGGGGGGAGACAAAGA GGAAAAAACGGAGACAAAAAAGAGGAACCAAGGAGCCGGGGGGGGGAAGA GAAAAGGAAAAGGGGACGGAAGGAGGGAAGAGGAAGGGAAAAAAGAGAAA AAGGGGGAAAAGAGGGGAAAGGGGGAAGACAGAGGAAGGGGGGAAGGGG GGGGGGAGGAGGAAAGACGGAGAAGGAAAAGAGGGGCCAACAGGACAGA AAGAAAAGGAAGAAGGGATAAGGAAGGGAGGAAAAGGACAAAGAAACGAG GCAGAAGAGGGCCGAGGACATCCGGAAGGGGAACAGGCGCCAGGGAAAAG GAAAGGAAAAGAAAGAGATGGGGCAGGGGAAGGCCACGGAAGACCGAGAG GGAAGAAAGGGAGACATAGGAGGGAACGGAGAAGGAAAGCAAAGGAGGG GACAAAAGCCAGGGAAAAAAGAAGGACCAAAAGGAAGGGGAAAGACCACC GAGGGGAGGGAGGGCAAGGGGGGAAGGAAGAGGGAAAAAAACGAGAACA AAAAGAAAGAAAAAGAAGACCGGAAGAAAAAAACGAAAAGGACGGAGGAA GAGTAGGAAGAAGGACCGAAGAAAAGGGGTAGGAGAAAGAAGGAGAAGGC CAAAGGGGGAAAACCAGAGAAGAGACACATTCCGGGGAAGGATCCCCCCA AGGGAACAAGGAGAGAAGGAAAAGGAACAAAGGAAGGGGAAAAAAGGAAG GAAAAAACCGGAACAAGGAAGAAGGAAGGAGAACAGGGGAGGGAGGGGAA G GAGGAAAGAAAGGAGAAGGGGGAAGAGGGAGGAAAAGGGGGGAGGGGG GGGAAGAGAGAGAAGGAAAAAAGGGGGGAAAAAAAGAGGGAGAGGGGAA AAAGGGAAGGGAGGGAGATGGAAATGGAGGGAAGGAAAAAAGAGAAGACA AAAGGGGCCAAGAGGAACCGGAAAATTAAGAGAATTAACAGAAAAGGGGA AGGGGGGGAAGGGAACGGGAACCAGAGACGGAACCGGGAAAGGGGGGAA AAAAGAGGAAACGGAAGACCAAGAGAAAGGAGAGAGGGGGAACCAGAAGA AA $\operatorname{l} G \mathrm{G}$ GAAAAGAGAAAAGAGGGGGAGCCGGGGGGCGAAAAGGGACCAAG

GGGGGGGGGAACAGAGGAAAAGGAAAAGGGGGAAGAAAGAAGGAAACAA GGGGAAAAGGATACGGCCAACCGAAAAAAAAAAGGAGAGGGGAAAACAAA CCGGGGAGAGAAAGAGGGAGCAAAGGAAAAGAGGCAAGGGAACAGAATAA ACAGCCGAGGAAAAAAGGAAGGGAAAAGAAAAGGAAAAGGGAGGCCGAGG AAGGGGAGGCAAGGAAGACCAGGGGGAACCAGAGGGGAACAGGAGGAAAA AAAGAGGAAAGGGAAGAGGAAGGGAGGGGGGGGGAAAGTAAAAGAAGGG GAAAGCCAAAGAGCCGGATGGAGAGCCGGGGAACCAACCAAGAAGAAAAA CCCTAGGAATTAAAAAAGGCAGACAAGGAAGGGAGAAAAGAAAAAGGGGA GAGGGGGAAAGGGAGGAAAAAACAAAAGGGGAGAAGGCCGGAAGAAGAG GAAACAGGAAAACCGACGGGAGAAAGAAGGGGAGGGAAGGAGCCAAGGTT GGAAAAAAAACCAGAGAGGGCAGGAAAACAAAAACAAAAGGGAAAAAAAG GATACCAACCGGTTAGAAGGCCGGGAGAAAGGGACCAAGAGGGGGGAAAA AAAAAGAAAGGGAAGGGAAGGAAAAGAAAAAAGAGGCCCCCCGACCTTGG AAAGAAGAAGCAGAAGCAAGAGAACCAGAGGGAGGGAGAAAGAGGGAGAG CACAGGAAGGGGAAGGGGGGAAAAAAAAGGGGGGGACCAAAAAGGGCCAA GGGGAAACAAAACCAGGGACAGACAAGGCAAGAGCCAGGGGGAAGGAAAA GGCCGGAGGGGGGGAGAAGGAAGGGGAAGGGGGAGGAGACAGGAAACCA GTAGACCGGACGGAAAAGGAAAAAAAGGGAGAGAGACAGGGAAAAAAGAG AAACAGGGGCCAAGAAAACAAAGGAGGAAAGGGGGAAGGCCAGAGCGCAG AGAGGACGAAAGAAGACGAAGGCGGAAGGGGAGAGAAAAGGAAGGGGAG GGGCAGGGAGAAAGCAGAGACCAAAAGGGGCCGGAAGAGGAACATTAAAA AAACGGGAAAAAGAGAGGCAAAGAGAAAAAGAAAACCAGACAAAGGGAAA GGAAGGAACCACGGAAGGAAGGCCAAAGAACAACAGAAGGACGGAAGAGA AGCCCAGAAGCCGGCAGAAAGGACAGCCAAAAGGCCGGGAGGGGAAGAGG GGAAGGGGAAGGCAAAGGAGGAAAAAAAAAAACCAAGGAAGGCCGGGGCC GGAGGGAGAGGAAGCCGGAGAAGGAACCAAAAAAACAAAAAAGAAAAGAG AGGCAGAAGACCGGAAGGGGAAATGAAAAACCCCCGACAGGAGAGAACAA GAGGAAAAAGGAAAAAAAAAGGGGGGATGAAAAAGGGAAAGGGGGAAAAG GGAAGGCCAGGAAAGGGGGGGGGACCGGAAACAGACGGAAGGAAGGCCG GAAGGAAACGGGAGAGGAGAGGGGGAAAAAGCCAGAGGAGGAAAAAAGAA AAAGGAAATCAAAAAAAGAAGGGAGGAAACCATAAAACCGGAAGAAAGAA AAAAGGGCCCCGGTTGGAACACAAAGGGGGGGGGGAAAAGGAGCGCCAGA AA $\operatorname{la} A \mathrm{G}$ GGGGGAAAGGAAACAAGGATGAGAGGGAGGGGGAGGGAAAGGGG AA G G GATTGGAAGGAAGGGAGACCGGAGGAAAGGGGGGGGGAACAGAGG AGCGAAGCCAAGGCCGACCAAGGGGAAGGGGAACACAGACGGGGGGGGG GAAAGAAAAAAGAGGAAAGGAAGGAAAAAAGGAAGAAAAGGGACCAAGAG AAAAAGACAAGGCCAAAAAGCCGGAAAATTGGGGGGAAGGAAGAGAACAA CCACAAGGGGAACGGGAACCAATTAAAAACAGAAAGAAGAGGAACAGAGA GAAGGGGGGGAGCAGGGGGAAAGGAAGAGGCAGGAAAAAAGGGGAGGAG AAAGAGGAAAGCCAAGGGGAGAACACCGGGGCCAGAAAGAGGAGGGGAGG AGACAGGAAAAGGAAAGCCAAAAAGCCAGAGAGTTAAGGAAGGGGGGCGA AGGGAAGAAAAGGACAAGGGGAGGGAAGAGAAGAAGGAGGCGGCAAGAG GGAGAGCCAAAAGGGGAAAAGGGGGGAGAAGGGACAGGGGCAAAGGGGA AAAAACCAGAAAAGGGGAAGGAAGGAGACAGGGCCAGGGCAGAAGGGGAA GGAAAAGAAGGGGGGAAAGCACAAGGGGGAAGGAAGGGGAAGGGGAAAA GGCCCCAAGGGGAAGGGGCCAAGGAAAAGGAAGGAAGGTTCCGGCCGGG GGGAAGGAAGGAAGGGGGGGGGGAAAAGGGGAAGAAGAGACGGAAGGGG AAAAAAGGGAGAGAGGAGACAAAAAAATGGGGAAAAGGAAGGAAGGGGAA AAAGAAGGGGGGCGAGCCTTGAGGGGGGGGAGAAGGGAGACCGGAGGGC CGGAACCAGGAGAGAAAAAAAGAGGCCGAGAACAAGAAAAAGGAATTACA AGGAACGAAACAGAAGGAACCAAAAGGGGCCAAGGAAGGGGAAGGAAAAA ACCTTAAGGAAGGAAGGGGAGGGGGGGAAGGAACCAAAAGGAAAAAACCC CAAAAGGGGAAAAAAAAAACCAAAAAAGGGGCCAAGGAAAAGGAAAAGGG GAACCAAGGAAGGGGGGGGAAAAGGGGGGAAAAAAGGAAAAGGAACCAAG GAACCGGAAGGCCAACCAGGGAAGGGGCCGGCCAACCAAAAAAGGCCGGG GGGGGAACCAAGGCCAAGGCCAAAAGGAAAAGGCCAAAAGGAAGACCAGG GAGAAAAGGAAAGGGCAGGAAAAGGAAGGGGAAAAGGAGAGGGGGGGAA GGAAGGCCAACCGGAGGGGGAGAAACGAAGGGGAGAGGGCAGGGAAAGA GAACAGGAAGAAAAGAGAGAAGAACCCCCGGGACAAAAAGGGGAAGAGGG GAAGGAAGGGGGGAAGGGACCAGAAACAGGGAGAAAAGGGGAAAAGGAAA $A G G G G C A G A G A A G A G A G A G C C A A G G A A G G G G G G G A A A G G G G G G A A G G A A$

GAAGGAAAAAGAGGGGAAAAAAAAAACCCCAAAGGGAAGGGGGGCAAAGG CCAAGGGGGAAGGGCAGAAAAGGGGGAAGGAGAGCAGAAGAAGACCGAAA GAAAAAGGACAGGAAAAGAGCCGGGGAAGAAGAAGGGAGACCGGGGGGG GAAAAGGAGACAAGAGGACAAGAAGAAGAAAGAGAGGCCAGAGCGGGGGA GAAGGGGACGGGAGGAGGAGGAGAGAGGGGGAAGGGGGGAAGAGAAAAA GAAAAGGGGGCCGAAAAGAAGGGAAGCGGAAACCGGAAAAGGAAAGACGA GAACAAGGGGAAACGGCCAGGGGAGAGGACAGAAAGACAGGGGGAAAACC GGAGAGGGAAGAAAAGTTGGAAGAAGGAAAAGACAAGGAAAAAGGGCCCC GGAAAAGGAAGGAGGGAAGGAACCAAAAAAAGGAGGAGAAGAGAGGGGG GAGAAAGAGAGAAGGAGAGGGCAGGAGAAGAAAGGAAAAGGGGGGAGAA GGAACAAGGGGGGGGGAGAGGGAGAGGGAGACGGAGAGGGGGAAGGCCG GTTGGAAACAAAAAAGAGGGAAAGGAAGGAAGGAAAAGGAAAAAACAGAA AAGAGAGGGGGAAAAGAAAGAGGGGAAAGAGGGAGAGCCAGCCCCAAAAA AGGAGAAGGAAAAGGGGGAGAGAGAAGGGGGAACCAAAAAAAGGGGAGA GGCCAAAAGGAAAAAAAAAAAAAAAACAGGAAGGGAAGGGGGGGGGGGGG GAGGGGGGCAAGCGAGGGCCAAAACCAAGGAAGGAAAAGGAAAAGGAACC GAGGCCAAGAAAAAACAAAGAACAAAAAGGAAAAGGGGAGAAGAGGGAAA GAAGGGAAAACCAAAAAAGGCCGGCCGGGAAGAAGGAGGAAAAAGGAAGG GGGGACGAGGAGAAGAAACCAAGAGAGGGGAAAAAAGGCCGGGGAAGGG AGAAATAGGGGGGCCCCGGGGGAGGAGGGAACGGGGGCCAGGGAAAAAG AGGGAAAGAAAAGGAAGGAGGGAAAAGGGGCAAAAAAGGGGAAAGAGAAA GGCAGGAAGAGGGGGGACGGAGAGACGGAAGGAAACAAGAGGGACCAAG AAAGGAGAGCAGGGGAACAAACCCCAGGAAGGGGGAAAAAACCATAAGGC CAAGGGGGGCCAAGGAAGAAAGGGAGGAAGGGGAAGAAAAGAAGGAAGA GGGGAAGGAAAAAAGGAAGGGGGGGGGGGGGAAGAGGGAAAAGGGGGGG AAACCGAAGGGAACCAAAAAACCGGGGAAGGAAAAAAAAGGAAAAGAGGA GAACCAAGAAAAGCAAGAAAAGAGGAGAGGAGGAAGGAAAAGAGAAGCGC AGGGGAAAAAAGAGAGGAAAAAAGAGAAAAGAAAAGGGGGGGATTGACCA ACCGCACAAGAAAAGGGGGGGAAAAAAAAGGGGGAAGAAGGCCCCGAAAA CAGAAGGGGAAGGAAAAAGGGAAAGAGAGAGAGAGCACAGGGAAAGAAAG CAGGAACGGAAAACCAAAAGGCCCCCCAACCGGGGAAAGGACAGAGGGGC CAAAAAAAGCAAGAAGAGGAAAGAAGGACAGAAGGAGGGGGGGAGGAAAG GCAAAGAAGAAGAAGGAGGGGAGGAAGAAAAAAAAAGGAGAGGACCCGAA GAGAGAGAAAGCGAAGGGGGGCCGGGAAAAGGGGGAAAAGGAACCGAAG GGGGGGAAAAGGAGCCGAGAGGAAGAGAAAAAAGCAAAAGGAAAGAGAAA AGGGGGGGGGGGAAGGAGGGGAGAGAGGACAAAGGAGGAAAAAAAAAAA AGGGGGGAAAAGGGGAAAAAAAAAAAAGGGGAAAAGGGCGGAGGGGAGG CAAAGGAAGAGAAGGACAAGGGGGGAAAGGAGGGAAGGAGGAGATTAAG GACAAAGGGGGGGGGAACCAAAAGGAAGCAGGGCCAGACGAAGAGAGGG GGGAGAGAAGGGCCAACAACAAAAGGCGCAGGGAAAGACAACAAGGGGGG AAAAATGGAAGGAAAGGGAAGGAGGGAAGGGGGGCCAAGAGGGGCAAGG GGGAGAAGGAGAGAGAGGGGAAGAGACGGAGAAAAAGCAGGGGAGGAGG AAGGAAGGAAGGGGAGAAACGGAAGGAAAAGGAAGGAGGGGGGGAGAGA TAAGGAAGACCAAAAAAGGGGGAAGGGGAAGAAAACCAAAAGGAAAAGGA AAGAAGGAACCTTAAATGGAAGGAAAACAGGGAGAAAAAAGGGGGGGAGG GGAGAAAGGAGAGAGGGGACAGAGAGGAAGGGGCCAGGACCGGGGATAA GGGGCAAACCCAGACCGGGGGGAAAAAAGGCAAGGAGACAAGGAAGAAAA AGAAGGCCCCAACCAAAAGGAAGGGAAGGGAAGACAAGAACGGAGGAACA AGGGGAATAACCAAACGGGAACAGGAAAAGGGAGCAGGAGCAAAGGAACC GGGGGGGGAAAAAGCCGGGGAGAGAAAGAAAAGGGGGGGGAAGGAAAAT TGGGGGGAAGGAAAAAAGGGGAAGAGGAAAAAGGAAAGGAGCCCCGACCA AAAGGAGCAAAGGGGAAGGAAGAAAAAAAGGAACCGGGAAAGCACAACCA AGGAAAAAAAACAGGAAAACCGGGGAGAAGAAGCCAGCCGGCAAAACGGA GGGAAAAGGAAAAGAGGGGAAAAGGAGAAGGAAGAGGAAGGGGAGGAAC AGGGGAGACAGGAAAGACGGAAGGAAGGGGAGGCAGAAGAAAGGTTAAAA GGGGCCAGGGAGCAGGAGAAAAAAAAGGCCAGGGAAGGGGAAAGCGGGA AAACCCCAAGGGGGAAGAGGGGGAAGGAGAGAGCCAAAAAAGGAAGGGGA AGAAGAAAAAAAAGGCCGGGGAACCGGGGGGAAGGAGGGGACCGCCAGG GGAAGAGGAACAAGAAGAGGAGGGGGAAGGAGAAAGGAGAAAAAGGAGG GGGGGGGGAGGAACCAAGGCAGGGGACGACAAGCCGGGAAGAAAAGACCA AGGAGAAAAAAAAGGGGTTAGAAAAAAAACAACAATACCAAGAGGAGGAG

ACAGGGGAACCGAAGGGAAGGAAAATTCCCCAAGGGGGGAGAAAGAGGGA ACAGACAAAACGACCGGGGGACCAAGGGAAGAAGGGGGGAGGGCCCCAAA AAAGGAAAATTGGGGGGGGGGAAAAGGAAGGAAAAAACCGGAACCAAGGA AGGGGGGGGAACCGGGGGGAAAAGGAAGGAACCAAGGCCAAAAAAGGGG CCGGGGCCAAGGCCAAGGAACCAAGGGGAAGGAAAAAAAAAAAAGGAAAA G GAAAGGGCCAAGAACGGGGAGAGAAAGAGCCGGAGGGAGAAAATTGGAA AAAGGAAAAGGAAGAGAGAAGAGGGACCGAAAGGGAAAGGCCAAAGGGAA AA $\operatorname{GGGGGGGAAAGAGGAGACATGAGAAAAAGGAAGGGGAAAAAAAAAAGG}$ AAACCCGAAACCCAGGAAGAGGAGGGGGGGCAAGAGGGAAGGGGAAGGAA AA G GAAGGCCAACCAAGGGGGGGGAACCAAGAGGGGCAGAGGCCAAAACC AGCCCCAAAAAAAAGAAGGGAACCGGATCCGGCCGAAGAGAAAAGAAGGG AAAAGGGGAAAAAACCGGGGCGAGGAGGAGAAGGGGAACCGGGGAAAAAA AAAACCGGAAGGAAAAGAAGAAAGGGAAAGCAGGGAGAAGGAAAGGGAAA GAGGGGAAAAGGAACCGGGGGAAGAAAGAAAAAAAAGGAAGGGGAAGGAC CAGGAAGAGGGACCGACCAAGGGATTGGAAAAGGAGGGGAGAAAAGACGG GGAGAAAGGAAAGAGAAGGGGGAGGGGGGGGGCCGAAGGGAGAAGGAGA CAGAAATAGAAGGAGAAAAAAAGAGAAGGAGAGGGAAAAAGCCGAAGGGC CGGGGAACAGGGGGAAAGGGAGGCCACAAGGGGAAAAAAACGAAAGGAAG A G G A G G G G A A G A G G G GAAAAAGGGGAAGAGGAAGGAAGGGGAAAAGGGG GGCAGGAAAAACAAAAAAGGGAAGGAAGGGAGGGGGGGGAAAGAAGGAA GAGAGGAGGGAAGCGGGAAGGAAAAGGAAGGAAGGAAAAAGAAGGAAAAG GCCAGGGAAGGAACCAGAAAGCAGGAAGGAAAGAGGGGGAGCCGGGGGG CCGGAAGGAAAAAAGAAAAAAAGGAAGGAAAAAAGAGAAAGAACACCCAG
 GAAAGCCAGAAGACCAAGAAAAGGAGAAAAAGGAAGGAAAGCCGGAAAAA G G G G G G GAGAAAGGGGAAGGGCCACAAAACAGGAAGGAAGAAGCCAAGGA AACGGAAGGGGGGAGAGAAGAAAGGGGAGGAAGCCAGGGGGAAGGGGGA GAAGAAGGAAGGGAACAGAATTAAGAGGGGGGCCGGAAGGAAGGAGGGG GAAAAACACGAAGGAAGGAAGAGAGAGGAAGCCAAGGGGACCCGGGAGAA CGGGAGGGGCCGGGGAAGAGGGGGAGACCCCGGGGGGGGCCAACCGGCC AA $\operatorname{A} G \mathrm{G}$ GAACCAGAGGGAGGGAGGGCAAAGGGGAAAAGAGGGAAGAGAGG AA $\operatorname{A} A C G A G A G G A C C C G G G A G G G A A G C C C C A G G G G G A A A G G G G G A G G A A G$ CAAGAGAGAAGGGGCAAGCCGGGGAGAGGACCAACCGGCCGAAGAGGACC G GAAA G G GAACCGGGGAGCCAGAGAGAGAAACAGGGCCGGAGGGGGGGA AA $\operatorname{la} A \operatorname{A} G \mathrm{GACA} \operatorname{AAAAGAACCGGGGGGGGAGGAGGGGGGAAGGGGGAAAGA}$ AGAAAAAAAAGAGGGGCAGGAAGGGGGGGGGGAAGAACAGAAGAACGAAA GAGAAAAGAAGAAAGGGGAGAGACAAGAGGGGAACCGAAAGGAGGGAAAA GAGGAGAGGGGGAGGGAGGGAGATAGGGCCAGAAGGGACCAAGAAGGGA AAACCAGGGAAAGGGGGAAGAAACAGAGGGGAGAAAGAGAAAAGGGGAGA GGGGCAAGGAGAGGGCCGGAAGGAGGGAAGGGACCCCGGAAGGGGGGAC G G AAA G GAAGGGAAGGAGAGGAGGGAAGAGGGTAGGAAAAGGAAAAAAAA GGGGAAGGAAGGAAGAGAGAAAGGTTGGCAGAAGAGGAGGAAAAGGGGG GGAAGGGGGAAGACCAACCGGGGGGAAAAGAAGAGAGACAAGGCCAAGAG GAAAGAAAAGAGACCGGAAGGGGAAAGAAAAAAAAAAAAAAAAAAGGCCG GATACGGAAAAGGGGGAGAAAAAGAGGGGAAGGGGAACCGGGGAGGGAG AAAAAAGAAAAAGAGGGAAACCGGCCGGGAAAGGTACCGGAAAAGGAAAG GAGACCAGGGAAAAGGACACGAGCAAGGCCAAAAGGCCAAGGAGGGAGAG GGAGAGAACCAAGAGGGGGGAGGCAGCACAGAGGAAGGAAGAAGGGAAG AGGGGAAGAGAAAAATAGAGAAACAAAGGCGGGGAAAAGGAAACCGGAAA A G G G G G G GAGGAAAACCGGAACCAAAAACAAAAAAGGGAGGAAGGAAAAG G G G G GAACCAAAAGGGAAAGAAAGGAAGGGGAGGGGGAAAAGGCCGGCA AAGGAAGAGAAAGGACGGGGAAAAAAGAAAAACAAAGGAAGGGACCGGCA ACAGGAGGGGGGAAGGGGGGCCAAAACCAAAGGAGACCACGAACCCAAAA AAAGAAAACCAAAGGAGAAAAAAAAAAGGAAAAGCCACCAAAGGGGAGGG G GAAAAGAAGAGGAGGGGGGGGGGAAAAATGGGGGACAAAAAAAGGAAAA CCGAAGAAAGGGGGAAATAAAACAAGAAAACCAGGGCCACCAAAAAAGGA AGAAAAAGAGAAAAAACCGGGGCCTTAAAAAAACGGAACAAAAGGGAAGG A GAA $\operatorname{G}$ GGGAGGGGGACGGAAGAGGAAGGGGAAAAGGAAAGGGAGGGGGA AAAGCGGGGCCAGAAACGAGACCGAGGCCCCGGAGAACCAAGGGGGGAAG G G CAGGGGAAGAGAAGGAAGGGGAGGGAGAGGGAAGAGGGACCAAGGAG CCGGGGGGCAGGCCAAGGGGCCAAGGGGGATAAACCAGCAAAGGCAGGAA

AAAGCGAAGGGGAAAAACAAGAAAGGAGAGGGAAAAACCCCCAACCAAGG AA $A$ AGGGAAGGGAAAAGGAGGGGGAACCAAACCAAGCCGGAAGGCCAGAG AAAAGGAAGGCCGGAAAAGAAAGGAAGGCCGGAACCGGGGAAAACCGGGG GGCCGGAAAACCAAGACAGAAAGGGGAGGGGAGGAAGAGGAAGGGAAAAG TTCCAAAAGGGGCCCACCAAGAGGAAAGAAGGAGAAAAAGGGAAGGGGCC GGGAAAAGAAAAAAGGCAACGGCCAAAGGAATCAGAAAAGCCAGGGAGGG CCCAAGAGCCGATAGGAAAACCAAAAGGCCAAAGGAAAAACCAAAAAAAG GGGAAAAAGGGGACAGAGGGGGACGGAAAAAAGAGGGGGGGGGGGAGAA AAAGGAAGGGGGGAAAAGAGGGGAAGGCCAAAACCAAAAAAACGCGGCCA A G GAAAA $\operatorname{A} A A G G G A A G G G G G G C C A A A A G G A A G G G G G G A A G A G G G A G A G A$ AGGGAGAAATGGGACCGGGGGGGAACGGGGAAGGGGCCAAGGAAAAAAA AAACCGGGGGGGAGGGGAGCCGGGGAACAGGAAAACAGGGAAGGGGAAG GGAGGGCAGAAAAGCAAAGGGGGGAAAGAGGACACCAAAGGACAGAAAAG CAAGTAAAAACCGGGAAAAGCCGGCAAACCAACCGGAAAAGGGGAAGGGA ACGAAACAGAAATTGGAGAAGAGGAGAGAAGGAAGAAAGGAAAAAGGAGA AAAACCAGGGAGAATTAGGGAAGGAGCCAACCCCGGAACCGGAAGGAAGG GGGAAAAAGGGCGGGGAGGAAAGAGGAGGAGAGGAGGAGGAAGGGGGAA CAAAGAAGGGAAAGGAAGGGGAAAAGGAAAGGGAAAAGAGGAAGAAAAAA ACCAAGAAACCAAGGGGAAGAACAAGGAAAAGGGGAGGGGGACAGAAAAG GAAAGGGGGGGAACCGGGGGGAAAAGGGGAAAAAAAGGAAGAGGGAAAC AGAAGGTTAAGGGGAAAAGGGGGGGGAAAGAGAAACCAACAGGGGGAGAC CCGGGGGGAAGGAACCGGAGAGAGGAGGGGCCAGGAGAAGGGGAGAGAA AAAAAGGGAGGGGAAAAGGAAGGAGCCAAAAAAAAAAGGGGAAAGGGAAG GAAAAGGGGAGGAAAAAAAGAAAAGAACCGAGGGGAAATGAAAGGGGAAC G GACAAGAAAAAGAGAGATAGAATAGGGGGGGGCAACAGAAGGCCGAGGG AAAAAGGGGAAACGGGGGGAGGGGAAAGGAAGGGAAACGGACCAAGAAAG AAAACACCCGGCAGGAGAAGGAGTTAAAACAAAGGGGCCGGGGCAGGAGG GGACCAAGGGGGGGGAACCGGAAAAGGAAAAAAAAAAGGAAAAAAAAAAG GAACCAAGGAAGGAAAAAGGAAAAAGGGGAAGGGGGGCCGGGAAACCGAG GGGAGAAGGAACCGGAGAAGGGAAGGGAGAAAGCAGGAAAAGAAGAGACC CAAAACCAAGAAGAAAAAAACGGGACCGGCCCCGGGGGGAAAGAGACCCC AGGAGACGGAGGGAACCCAAAGGAAAAAGAAGGGGAGCAGAGGGGAAAGG GAAAAAAATAGGGCGAAAAGGAAGGGACAAGAGCAGAAGGAAGCAGACGC CGGAAGGGGAACGAGGGAGGAGGTAAAGGGGAAGGAAGGAAGAAACCAAA A G G G G G G G GCCGGAAGGAAAAGGGGGGGGGGGGAAGGAAAACCGGGGGG GAAAAAGGAGGGAAAAGGAAAGGAGGACAAGGGGAAAAAAAGAGGGAAAA GGAGAGGGAACAGGGGGGCCGGAAGGAAGGGGAAGGGGGGGGAAAAAAA ACCAGGAAAGGCAAGCCAGAGAAGGGGTTAGGGGGGGAAGGCCAGAAGGA A G G CCGGAAAACCCCGGAACCGGGGAAGAGGGGCAAGAAAAAGACAGGAC CAGAGGGGAGGAAACAAAAGGGAAAAAAAGGAAAAAAGGGAGGGGCAAAG G G G G G G G AAAAAAAGCCGGAACCATAGGGCAGGAAGAGGGCGGCCAAAAG GCCAAAACCGAAGACAGAGGGAAACGGAAGGAAGGAAGGAAAACCAAACC CAAGGGAGGGGCCGGAGAAGGGGGGAAAAAAGACCAAGGGGAGGGAAGG CCAAGGAAAAGGAGGAGGCCAAGAAAGGGGCAAAAAAAGGAAAAAGGGAA GGAAAACCGGGGGGAAAACCGGAAAAAAAAGGAAAAGGGGAAGGGGAAAA AAAAAAGGAAAAAAAAAAGGAAAAGGGGGGAAGGAAAAGGGGGGGGAACC AAAAAAAAAAGGGGAAGGCCGGAAAACCAAAAGGGGAAGGAAGGGGAATT GGGGCCGGCCGGCCAAGACAGAAAAATACAAAAACCGGAAAAGGAGAAAA GAGACCAAGGAAGGGGAAGGGGGGCCCCGGCCGGAAAAGAAAGAGAACGA ACCACAAAAGGGCCCCGAGGCAGGGAAAAAAAGAAGGGAAAACCGAGGAA G G A A A A G G G G G G G A CA G G GAA G G G GAGGGGAGGAAGAGCCGGCCGGAGG G GAAGGAAGAAAAGGACCACAAAGGAGAGGGACCAAGAACCGGGGAAGGA AAGCAGGAAAAAGAAAACCGGAAAGGGGGCCAAAAGGAAGGGACACCCCA AAAAAGGAAAGAGGGGGGAAGAGGGCCGGGGAGCAGAGGCACCAGGGCC GGGGAAAAAAGGAGACGGGGGGGGAGCAGGGAGGGAGGGGAAGGCAAAA AGAGGCCGGAACCGGGGAAAGAACCCCAACCAAGGAAAAAAAAAAGGGGG G G G A G G G G GAACAGACAACACGAGAAGGCGGCCGGAGACAGGACAAAGAC CAAGGAAGGGGGAGGACGAGAGGAAAGGAAAGAGGAAAGCGAAGAGGGG GAAATAGGGAAGGAAATTCATAAAGGGGAAGGGGGGGGCAGAAAGGAAAC GGGGGGAAAAGGGAGGGAAAGGAGCCATAACCCAGACCAAGGGGAAGGG GGGGGGGGGAGAACCAGGGAAAAGGAAAAAAAGGGAGACGGAACCAAAGG

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 GGAAAGAGACCAGCCGAAAGGCCGGAAAAGGGGAGAAAAGGAGGGAGGAA AGGAAGGGGAAGGGGGAAGCCAAGGAAAAAGAAAGGGGAAGAGAGAGAAA AAGGGAAAGGGCCGAGACCAAGGGGAAAGTTGAAGCCGGGAGAAAGGGG GGCCGAAGGAGAGAAAGGGGAACAAGGGAAAACAAAAAAAGAGGAAAAGA CCGGGGAACCGGCCGGGGAAAAGGGGGGAAGGAAGGGAGGCCCCAAAACC ACGGAGGGGAGGAAGGAAAGAAGAAAGAGGAAAAAAGGCCACAAGGCCAG AGACACGGGGGGTAAACCAAGGAAGGAAGGAAAAGGAAAAAGGGGGAAAA GAGGAAGGGAGGAAAAAACCGGGGAGGAGGCCGAGGAAGGACAGAAAGG GACGGAAAACCGAAGAAAACCGGCCAACCAAACAAAATAAAGGACAAGAG AAA $\operatorname{l}$ GAGGGGGGGAAGGAGTTAACCGGAGGGGGGGGGAGGGGGAGAAAA G G ATAAGGGGAAAAAGAGGGGGGGAAAAGGAAAAGAGGAGAAAACCGGAG AA $\operatorname{l}$ GAAGGGGAAAACCGGAAGGGGGGGAGGGAAAGAAAAGGGGGGGGGC C GA $\operatorname{l}$ GGGGGAGCAGGCCGGACGGAAAGGGAAAAAAGGGGGGGGAAGGTA GAAGGAAAAGAGGGAAAAGATTGAAAAAGGGGAAATGGACAGCAGAGGGG CACCGGAGAGAACCAGCACAAAAAAAAAGGGGAAGGGAAAAAGGGGAAGA AAAAAAAAAGAGGAAGAGGGCCAAAAGGAAAAGGGGGGGGAAAAAACCGA GAGGGGAAAGGCAGAAAGGGAAGGGGAAGGAGAAAAAAGGTTAAAGAGG GAAGGGAGGACGAAGCCCCAGAGAAAAAGAGGAGGGACCGGCAAGAGCCG GAAGACCGGGGAGGGAAGGCCGGAGGGGGAAGAGGGGACCCGGGGAAAA GGGGAAAGGAGGAAGGGAACACAACGGAGGGAACAGGGGGGGGGAAGGG GAAAGAAGGGGGGAAAAGGAAGGAACCGGCCGGGGGGGGAAAAGGAAAA AAAACCCCGGAAAAAAAAGGGGGGAAAAAAGGAAGGAAAAAAGGGGAACA AAAAGGAAAAAAGGGGGGAAAAGGGGGGGGGGGGCCGGGGGGGGGGAAG GGGAAAAGGGGGGCCGGGGAAGGCCGGCCAAAAGGAAAAGGAAAAGGAA G G G G G G G G A A A A G G G G G GCCGGGGGGCCAA G GAAGGAAAAGGCCGGAAG ACCAGGGCCGGAAGGAAGGGGGAAAAAAAGGGGAACCAAAAAAAAAACCG A G GCCGGACGAAAGGGGAAAAAAAAAGACGGGGAAGAGAAGGGGGGGAAA CAAAAAAGAGGGAAAGGAGCCTAAAAAAAGGGGGGGGAAAAAAAAGGGGA AGGAAAAAAAAGGCCAAAAAAGGAACGAAGAAACAACCCGAAGGGAGAGA AAAAAAAGGCAAGGGGAACCCAGAGAGGAAAGAGGAGAGGGAAGAAAGGG GGAGGAACGCCAAGGAGGGAGCAAAGGAGGAAGGAGAGATTGGAAAGAAA AGAAAGGGGAAGGGGAGGAACGAAGACGAGAAAGAAGACACAGACAAGGA AGAGAGGAGCAAAGGAAGGAGGGGGAAAAGAACAGAAAGGAAGAGGAAAA GAAAAGAAAAGAAAAAAGGACAAGGGGGGGGAACACAGGAGAAAAAAAAG GGGAAAAGAGAAAATAAACAACCGGCCAAGGAGGGTACCGGGAAAGAAAG GGGGACGGGGGAAAGAGGACCTTGGAAGGGGAAAAGGGGTTGGAACAAG GGCAGACCGAAGAAGGGGGGACGGAAGAGGAGGGCCGGGAGGGAAGGGA AAAAAGGAAAAAGGAAGGGCAAGGAAGAAAAAGCAGGGGAAGAAGAAAAG GGGGAGAAAAAGGAGGGAAGGGAAGGAAAGAAGGGGGCCAACCAAGGGG CCGGGGAGAAGGGGAGGGAAAAAAAAAAGGAAAAGGGGAAGGAGGGCCAA G GCCGGGAGGGACAGGGGGGGGAAAAAACCGGCAAAAAAGGAGGGAAGG
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AAACAAGGGGGAGAGGAAAGGGAAAGAAAGAGGAAGCAGAGGGGAAAGCA GACAAGGAAAGGAGGACCCGGAGAGGAAAAGGGGCCGAGACCAGAGAGCC G GAA $A$ AAAGGAGGAAAAAGGCCGGAGCAGAAGAGACCACACAGAGGGGGG CAAACCGACCAAAGAGCCGACCAGAGCAGGGGGGGGAAAAAGCCACAAAG CAGAAGCAAGAAGGGGAGAAAAAAGGGGGGAAAGGAAAAAACGAAAAAGG GGGGCCGGGGAAGGCCAAGGGAAGAAGGAAGGGGAGGAAAGGAGGGCCG AA G GAGGGGAGAGGAGGGGAACCAAGGGAAAGGGGAAAGAAGGAAAAAAA A GACAAAGAAAAAAAGAATGGAGCAACACAAGGGAGAGGGAGAGGGGAAA AGGAAAAGGCCGGACAAGAGAGGAAGGCCGGGGGGAAGGGGAAAAAACAA GAGAGGGGAAAGGGGAAGAGAATCAAGAAAAAAGGAAAGAGGGAAAAAAA AAGGGGGCCAAAGCCGAAAGAAAAAGGGGAAGGAACCGGAACCAAAAGGA GGAAATTAAACCCGAAACCAAAAGGAGGAGAGGAACCCCAAGGAAGGAAA ATTGGAGAGAAAGAAAAAAAAGGAACCAAAGGAAGAGAAAAGAAAAACAG GGACAAGGGGAGGAGGAAGCCAGGGGAACGAAGAGAAACACGACAAAGGG AAGAAGGAAAGAGAACAAGGAAAAAGACCACCACAGGAAGGGAGGGAGGC CGGAAGAGGGCGGCAAGGGAGAGAGGAGAGGGAAGAACCAAAACCAGAGA ACCGGAAAACCAAAAAAGGACGGAAAAAAGGGGAACCGGGGGGAACCAAA AAAAAAAGGAAGGAAAAGAGGGGACGGAACAAAAAAGAGAACCAGAAGGC CAAGGGGGGATAGAGAAGGGAACAGGGAAAGGAGGAAAGAGCAGGGGCC GAGAGGCAAGAGAGAAGAGAAAAAGGAAAACCCCAAGGGGAAGGAGAGAA G GAGGAGAGAAAGAAGGGCAAAAAAACCAAGGCCGGGGAACCCAAGAAAA AA $\operatorname{G} G \mathrm{G}$ GAA $\operatorname{GAG} \mathrm{A}$ GAAAGGAGGAGAGAGGGGCCAAAAGGAACCAAGGGAAA AGGGAAGAGAGGAGGAAAGAGGAACAGAGAGGAAAAGGCCCAGAGGGGAA AAAAAAAAAAAAAAAACCAAAAAAAAAAGGGGGGTAAGGACCGGAGGAAA ACGGAAGGAAGGAAGGAAAAGGGGAAGGAGAAGAGAAGAGGGGAGGAGA GAAAAGAGGAAAGCAAGGGGGAAAAGGAAAAGGGGGGAAGGACAACCGGA AGGGGGGAAGAAAGGGGAAAAAAAGAAAAGGAAAAGAGAAAGAGGAGCAC AAGACAAAACGAGCAAGAAGGGGCCAAGGACAGAAAAGGGGAAGGGGAAG GGGAAAAAAGGGGAAAAAATTAAAAAGAGAAGGAGGAGGAAGGAGAAGGA AAAGGGGAACCCCAAAAAAAAAAAAAACCGGGGGAGAGGAAAAGAGGAAG GAAAAAGGAAAAAAAACGGAAAAGGGGGGAAAAAAGAGGGGAAAAAGAGA GGAAAAGAAAGAGGGAAAGGGAAAAGGCCAAAAAAGGGGAAAAATGGGGG AGGAGAAGGAAAAGAGGGAAAGGGGAAGGGGAAACGGAAAAAAGGACGGA GGGAAAACCACTTGGAAAGAGAAAAATGAGGGGAAGGGGAAGGACGGGGG G G GCCGGAGAAGGCAAACCGGAAGAGAAAACGGGGGGCCGGGGAAGAAAC CAAGGGGCAGGCCGACCGGCCGGAGGAAGAAAAAGGGACAAAAAGGGAAA AA $\operatorname{l}$ GAGAAAGAGGGGCAAAGGGAAAGGGGGGGGAAGGAACCAGAAGAGG AGGGCCAGAAAGGAGGGAGGAAGGAAAAGGAAAGGAGGGGAAGGGGACC CAGAAGGGAAACCAACACCGGAAAGGGGGAAGAGGGGCCGAGGAAAACAG GAAGAAACCAAAAAAGAGAAACCCCGGGGCCGGAAAAAAGAAGGGAACCC C G G G G G G G G G G G GAAGGGGAAGAAAAAAAGGAACCGGGGGGAAGGAGCG GAAAAGGAGAGGAAAGGGGGAAACGAGAGAGGAGGGGGGGAAGGAAGGA AGGGGGAAAGAGAACCAAGACAAGGGGGGAAAGAAAGCAAGAAAAAAGGA ACCGGAAGGGGAACCGGGGCCAAGGAAAACAAGCCGGAAACGAAAGGAGA AGGCCAAGAAAGACCAGGAGGAAGGGGGGGGGGAAAAAAAAGGGGGACCA AAAGGAAAAGAAGGGGGAAAACAGGGGGAAGGGGGAGGGAAGGGGGAAA CCCCAACCGGAAGGAAGGCCGAAATAAAGGGGAAAAAACCGGGGAAGAAA CGAAAAAACCGGCCAAAAGGAAAAGGGGAAGAGGAGAAAACCCCGGCCAG A GAA G GAAGGGGGGCCGGGGGGAACCCACAGGAGAAAACAAAAAGGGACC CCGGAGAGAAAAAGGACCGGAAGAAGAGGGCCGGAAGGAACCGGAGGGG GAAAAGGGGGGGGGGGGGGCAGACAAAAGAAGGGGGAAGGGAGAGCAGG GAAACCACGGACGGCCGGAGGGGGAAGGGGAAAAAAAGAGACGGAGAAGG AACCGGAAAGAACCCCAAGGGAGGCCCCAAAAAAAAGGAAGAGACCGGAA AA $\operatorname{l}$ GGGAGAAGGGGAAAAACGGGAGGGGGGGGGGGGAAGGGAAACAGGG G G A G G GA $\operatorname{G}$ GGGGAAAAGAGGAGGAGGGGAAAAAGGGGGGGAGGAAGGAA GGGAAAGGGAAAGGGAAAAAAAAGACAGGGGGAAGGAAGGAAGGAGAAAA G G G GA $\operatorname{G}$ GGAGAGAAGAGGAGGGGGAGGAAGGAGAAAAAGGGGAAGGGGG GGGGGAACAAAAACCAGGAAGGAAGCCAGGAAACCGGGGCCGGGGAAGGG G G G G G G G G G A A A A A A CCGGAAGGGGGGGGCCGGAAAAAAAAGGGGAGAA GAACAGAAAAAAAAGGGGAAAAGGGGAAGGGGCCAACCAACCCCCCAAAA AAAAGGAAGGAAAAGGAAGGGGAAGGAAAAAAAAAAGGGGGGTTAAGGAA

G G G G G G G G G G G GAAGGAAGGCCAAAAGGAAAAGGGGGGGGAACCGGAAA
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 A $\lg \operatorname{GG} \operatorname{GCA} \operatorname{la} A A A C G A G G G G G G C A G G G G G G G G G A A A G A A A G A G G G A A C A G$ AA G GCAGGCCAGGGACAAGGACAGGGGGAAAAAAAAGGAGGAAGAGGGAA GAGGGGGGAACCGGGAAGAGGGAAGGGGCAGGGGAAGGCCCAAGGACCG GACGGAGACAAGAAAGGGGGAAAGGAACCGGAAAAGGAGCAGGAGGGGG CCAGGAGGAACAGAAGGAGGGGGAAGAGGAAGAGAGAGGACAGAAGGAG GGGCCAGGGGAGAGGGGAAGGGGAGCAAGGGAAGAAGAGGGAGAAGAAG AGAGGAAGGAAAAAAAGAAAAGAAAGAACAGGAAGGGGGGAACCGGAGGG TTGGGGAGAGAAGGCCCCGGGGAAGATTAACAGAATAGCAAGGAGACCAA GAAAAGAAGAGGAAGGAGAAGGCCGGAGAGAAAGAGAGACGAAAGACCGA CCGGAAGGGAAGAAGAGGGGAAAACCAAGGGGAGAAAAACCCGGTAACGA AA G GAAGGGGGGACAACCGGGGCAGGGGGACAGAAAAAAAGGAAAAAAGG AGAAGGGAGGGGGGACAACGATAAACAAGGGGAAAGAGGAGGGAGGGAC CAGCAGGACAAAAGAAAGGAAAGAGGAGGACAGAAAGGGGGGGCAAAGGC GCCAGGAGGAAAAAGAAAACCAAGGGGGGGGAATTAAGGGGAATTGGCCA AAAGGGAAAAAGGGGCCAAGGAAAAGGGGACGAAAGGGGGAAGGGAAGG GAGGGGAGGGAAGAGGAAACGAGAAGAGAACGATACGAAGGGAAAAAAAG GAGGAAGGGGAACCAGGGGGAAAGGGCCGGAAAAGGCAGGAAGGCCAAA GAGGAAGAAAGGGGAAAGACCTTGGAAAGACAAAAGGGGCCGGAAAGAAG GAAGGAACCAAAAGGAAAGGACCAGGGGGAAAGAAGGCCAAGAAAAGGAG AAAAAAGGGGAGGCCCAAGGAAAAAGGGGGGAAAAGGAACCGGAGGGCAA GAAA G G G A GCAGGAAGGAAGGAAGAAGGGGAGAGGGGGGAGAAGGAGAG GAAAAGGGGAAAGGCCAAGGAAGGGAGGAACCAAAAGGAAGGAAAACCCC
 GAGAGGGGAAGAAGGGGACAAAGGGGGCCGGAGAAGGAGAGACAAGGGA AAAGAAGGGAGGACACAGAAGGAAGGACAAGGAACCAACCGGGGAAAAAG AACACCAACCAACCGGGGAGAAGAAAAAAAGGGGAAACAAGAGAAGAGGA AGGGAAAAAAGGAAAAGGACGGAAAAGGGGCCAAGGACGGAAGGGGGGCA GGAGGACCGGAAGGGGAGAAAGCCGAGGAGGAGGGGAAGGAAGGAACCG GAAGACGCCAGAGCAGAGGGAAGGGGGGGGGGGGGAAGGAAGGGGGAGG AAAAAAGAGGGGGAGAGAAGGAAGGACAAGCCGGAAAACAGAAGTTAGGA AAAGGGGAAGATCACCAAAAGGCCAAGGAAGGAAAAGGAAGGACAAACAA AA G GAGGGAAAGAGAAAAAACCAGAAAAGAAAAGGGAGAAAAGGAAGAGG AAAAAGGGAAGAAAGGGGGGGGACGGCCGGGGAGGGGGGAGGAGAGAGA ATTCCGAAGGGAGGGGGAAGGAAAAGGAACCAAGGAGAAAGGGAAGAAAA GAGAAAAAGAAACGGAGGACCCCGGAAAGAAAACCGAAGAAGGGAGAGAG ACCGGACAGAGAAGGACAAAAAAGGAACAAAAAGGCCAGGGGGAGCCAAA GGGAGAAAAAAAAAGCCGGGGAGAAAGACAACCAGGGCCAAGGGGGGAAG GAGAAAGGAGAGAGGGGGGAGAGACAGGAGGGAAGAAGGGGAAAAAGGG GAACAGAGGGAAGGGGAGGGCAAGAAGGGGAAGGACGAAGGGGAAGGGA GAAGGCCAGAAGGGAGAAGGAGAAGAAAAGGAAAGGGGAGAAACAAGAAC CAGGAGGGAAGGGGGGGGAACGGAAGGAAGGAAAATTGGGGGAAGAAAA AA $\operatorname{l}$ GAAGGAGGGAACCGAGAGGGGACGGAGGGGAAAGGGGCCGGGGCCG GGACCCCAAAAGGGGAAGGGGGGAGAGGAGAGGAAAAGGGGAAAGAGGG

GAGGGAGGGACATTCCAGGAAAGGCCAGCCAAGAGAAAAGAAAGAAGGGG A GAA $\operatorname{A}$ G G G G G G G G GTTGGAAAAGGAACCAAGAGGGGGAAAAAGGAAGGG AAAAGGGAGAAAAAGGGAAACAAGGAACCAACCAAGGAACCGGGGGGGGA GCCAAAAGGAGAGAGGGGGAGCCGAGGGGAAGGAAGGACAACAGGAGGA GAAAAAAAAAAAGAAACCAGGGGGACAAGAGACAAAGGAATTAAAACAGG
 AGAGAGGGAAAGGCCGGTTAAGGGGAAGACCAGAAAAGAGGGGAAGGAAG AAGAAGGAAAGAAAAAACCAAAAGGAGAAAGGGACGGCCCAGGAAGAAGC CACAAGGGGAAAAGGAGGGAGGACAAAAGACGGGGAAAGGAAGAAGGAAA AAAGGAAAGCCGGAGGGGGGAGAAGAAGGAAAACCGGGGGGGGAAGGCC AAAACCCCAAGGAGGAGAAGCCGGGGGGAAGGAAGAGAAAGGAAAGCCGA AGTAAAGGGGAGGGCCGGGAGGGGAAAGAAAGGACGAAAAAAGGGGCCG GAAAAAAACGAGGAACCCCACGGACGGAGGAAGAAAGGGGGAAGAACGGG GAAAAGGGGGAGAAAAGAAGGGGAAGGGGGGAAGGAAAAAGGGAAAAAA GGAAAAAAAACAAGCCAACCAAAGAAAAAGGAGGGGAGAAAAAAAAAAGG CCCCGGAAAAGAGGAGACAAGGAAGGGGACAGAAAGAAAAAGAAAGAAGA A G G GAAAAGGCCAAAAAGAGGCATGGGAGAAAAAGAGGGGGGGAGGGGG G G G G G A G T T GAGGGGGGGGAACCGGGGGGGAAA GAGGAAGGGAGGGGGG AAAAAAGGCGTTGAAAAAGGAAGGGGGGGGAATTACAACCAAAGAGGGGG A G GAGGTAGGAAAAAAAAGAGGAACAGGGGAACACAGAGGGGGAACGAAA AAGAGAAAAGAAAGGAAACCAAAAAAAACAAAGGGAGAAACCAAGGGGAA GGGAAACCGACCAGCCAAAGAGAAGAGAAAGAGGGAGGGGGAAGAACCGA AACAAGAGAAAAGGGGCCGGCCGGGGGGAAAAAAGGAAGGGGGGAAGGA AGGCCAAGGAAAAAAAAAAGGAAGGAACCAAGGAACCGGGGGGAAGGGGA AAAAAGAAAAAGGGGGGAAAAAAAAGAGGAAGGAAGGAAGGGACAAAAAA AGGCAAGCACCCCGAAAGGAAAGAGGAAGAGAGGGCAGAAGAGAAGGCAG GGGAAGGAACAAAAAGAGGAAGACAAAGAAAGGAGAGGGGGAAGGGGAAG GGGGGAAGGGGAACCGGAAAAGGCCCCAACCAAAAGGAAGGAAAAGGAAG GAAGGGGGGGGAACCGGAAAAAACCGGAAGGGGCCAAAAGGAAAAGGAAC CGGAAAAGGGGGGAAGGGGGGCCGGAAGGGGAACCGGGGGGGGAAGGGG AAGGAACCAAGGCCGGAAGGAAAAAAAAGGCCCCGGGGAGGAGGGGGGG GGAGGCAGGAGAAGGGAGAAGGGAGAGGGAGCCAACACCAGGGCAGGGA G GAGCCAAACGGGAAGCCGGATGGAAAAGGGGCCGGGGGGGACCACAGAA G GAAA $\operatorname{GAAA} \operatorname{AACGGGAAAAGGGGGGGGGAGGGGGCCGGGAAGGAAGAAC}$ AAGACGAAGGAGAGGCCAAAAGAAAGGGGCCAACACCGGAAGGGGAAAAA ACCAAGGAAGGAAGGGGAAAAAAAAAAAAGAGAAGAAAAAAAAGGAGAGC CGGCCGGGGAGAAACAAGGGGGGGGGGAAAAAGAAGCAACGGGGGAGAA AAAAAAAAGGAAAAAAGGGGAAGGGGAAGGGGGGAAAAAAAAGGAAGGAA CCAAGGAAAAGGAAGGAAGGAAGGCCAACCCCAACCAAGGGGGGCCAAAA AA $\operatorname{G} G \mathrm{G} G \mathrm{G}$ GAAGAAAGGACGGGAGGGGAGGGAAAACACCAAGAGGCCGGC AGAAAAAAACCAAAAGGAACAGGGGGGGGAAGGAATTGGGGAAAAAACCG G GAGGAACCGGAGGGAAAAAACCAAGAGGGGAAAAAAAGGGGGAACCGGA ACCAAAAAAAAGGGGAAAAGGAAGAGAAAAAAAAACCGAAGAACCGAAAC CGGACAGAACCGGGAAGAGAAAGAAAGAAAAGGGGAAGAAGAAAAGGAAA AAAGAAGAAAGAGGACGGGAAAGAGAGAAAAAAAGAAAAAGCCACGAAAC AAAAGAGGGAGAAGGGGATAAAAAAACGGGGGGAACCAGGGGACCGGGG GGGGCGAGAGAAAACAAGGAAAAAACAAGGAGAGAAAGAAGGAAAAAACC AGACGAGGGGAACCGGAGAAAGGAAAGAAGGAACGGAAAGGAGGAAGGAA AAAAAGAAGGCAGGGAAAGGAAGGGGAGAAGAAAAAGGGAGGGACAGGG G G G GACCGAAAGGAAAAGGGAGGAGAGAGACAGAAAGGAGGGAGAGAACC CAAAAAAGGGGCAAAAGAAAACCCCGGAAGAGAAGAGAGAAGACCGAGGA AGAAATAGAGGAAGGCCGGCCAAGGGGGGAAAAGGAAAACAGGGGAAGGA AA G G GAAAAAAAAGGCCCGAAGGAAAAGGGGGGGGAGAAGGAAGCGAGGA AAAGGAGGAGAAGGGAAGGCAAAAAAACCGGCCAACCAAGGGAGAGAAGC CGAAGGAGAAGGAAAGGGGGAGGCCGAAAGAGGGGAAGGAGCCAAGGAA AAAAGGCCGACCAGAGAGGAAAGGAAGGGGGGAGGGGGAAAAAAGGGGG G GAGGGGAAAAGGGGAAAAAAGGGGAAAACCAATTAACCGGATACAGGGA GACGAGAAAGGAAGGGGAAGGCCAAAAGGAAAAGGGGGGAAGCGGAAGG TTCCGGAAAAGGCCAAGAGAACAGAGAGGAGGAGCCGGGAGGAGCCGGAA GGAGAGGAAGAAAGAAAAAGGGCCGGGAAAAAAAAAGAAAAAAGGGAACC TAGGAAGGGGAAAAGCGAAGCATTAGGGAGCAGAGGAGAAAAGAAGGGAG

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G G AAAAGGGGAAGGGGGGAAAAAAAAAACCAAGAACAGCAGAGAGGGGGG AGAGAAAGGACAACGAGGCAGACCAAGAAAGGGGAACCCCAGAAAAAAAA AAACAAAAGAAAGCGGAAGAAGAGGAAGAGAACACCAGAGAGAGAGAGCC AAGGAAAAAAAGAGACGAGGGGAGAAAAGGAGGGAAGGAGGGGGACGGA AA $\operatorname{l}$ GGGGGGGGAAGGGGAAGGGGGGAAAAAGGGAGCCCCAAGGGGAAAA G GAA G GAAGGGGAAAACCAAAAAGAAGAGGGACCAAGAGAAGAAAGAAGG AAAACAGGGGAAAGCCGAAAGGGGGGAAAAAGAAAAGGAATTAGGAAGCC GGAGAAAAGAAAGGAAAGGGAAAAGACAGAAGAAAACCGAGACCAGAGGA AAACGAAAGGGAGGAAAGGGGAAGGGAAAAGGGGGAAAGGAGAAAGAAAA AA $\operatorname{l}$ GTTAGGGGGAAGGGGGGAGGAAAGGAAGGCAGCAAAAGGGAACGAG GAAAGGCACAACCGGGGAAAAAAAGCAAAAAGGATCCGAACAAGAAGGGA GACCCAGAAAGGGCCGGAAAAAGGAGGGAGGGAGGAAAGAGGGACGGGG GGGGGGGGGGGGGGAAGGAACCAAAAGGGAAGAAGGGGAACACCAAAAG GGGAGAAAAGACCAAGGCCTTGGAAAACCGGAAAGGGAGAGGGAAAAGGA AGGAAAAGGCCGGGGGGGAAAAAGGAAGGAAAAAGACAGAGGGAGAGGG GGAAACGAGGGACCGGAAGGAAAGGAGGGACAAACACAAAGGGGAAGGAA CCGGAAGGGGAAGGCCGGGAAGAAGGAGCCAAGAGGCCCAAGAGGGGAA GCCGGGGGGAAAGGGCCAGAAGAGGAAGAGACAAGGAGAAGAAGGGGAA AAA A A G G GAGAGGGGGGGGGGAGGAGAAGGAGGAACGAGGGGAGGAGGA AGGAAAAAAAAGGAGGGGAGGGAAGGGAGCCCAAAACGACAAGAAAGGGA A GAGAGGGGGGGAGGGAAGGGCCGAGGAGCCGACCCCAACCAGCCGGCCA AAAAAGGAGGGAGGGCAGGAAGGACGAAAACGGAGAGAAAAAATTGGGGC CAA $\operatorname{l}$ GGGGGCCGGGGAAGGAAGGCCGGCCCCCCAAGGGGCCCCCCGGCCA AAAGGCCGGAAGGGGGGAAAAAAGGGGAAGGGGAAGGAAGGGGAAAAGG G GAAAACCAAAAGGGGGGGGAAGGGGAAAAGGGGAAAAAAGGGGGGGGA AGGAAAAAAAAAAGGGGAAAAGGCCGGAAGGCCAACCAAGGGGTTAAGGA AAAAAGGAAGGGGAAGGGGGGCCAACCAAGGGGAAGGGGGGAAAAGGGG AAAAAAGGAACCGGAAAAGGAAAAGGAAGGGGGGAAGGAAAAGGAAGGAA AAAAAAGGAAAAAAAAGGAAAAGGAAGGTTGGGGAACCAAGGGGCCAAAA AAAAAAAAGGAAAAAAAAGGCCGGAACCGGCCAAAAAAAAAAGGGGAAAA GGAACCGGAACCAAAAGGAAGGTTAAGGAAAAAAGGAACCAAGGGGGGAA C CAA $A$ GGGGGGGGGAAGGGGGGAAGGCCTTAATTAAAAAAGGCCGGGAG GAACCGGGACCAAGGGGTTCAGAAGGAAGAAAATAGGAAGACCAGAGAGA
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CGGAAGAAAGGGGGTAGGCCAAGGGGGGGGGGCCCCCCCCGAAGGGAAG AAAAGACGAAAAAGGAGATGGAGGAAAAGAAAAAAGGCCGGAACCGGAAG GAGGAGGGGGGGAAGAAGGGGGGAGAGGGCCCCGGGAAAAGAAAGGGAA CCCAAAGGGGAAAACCAAGGGGAACCAGAGGAAACCGACCGAACGGGGAA CCAAAACCAAGGAGAGGGGGAGAAGAGGAAAAGGGGAAGGGGAACCAAGA CAAGGGAGAGCAAAAAGGGAAAGGAAAAGGTTCCAGGGCCCCGGAAAGAG CCGAAGGGAACCGAGAGAAAAAAAAGGGGAGGAAGGGAAAGGGGAGAGAG GGAAAAAAAAAACAAGGGAAAAAAAAAACGACGGAAAGGGGGGGAGAAGG AGGGGGGGGGAAAAAAAAGGGGAAGAAGGGAAAAGGGAAAGGCCAAAAG GGGACAAGAGAGAACAAAGGGAAAAAAGGAGAGAAAAAAAAGGAAGGGAG GGGGGGAGACCAAAGAGCAGGAACCGGAAGGGAAGAAAGCCAAGAAGAGC ACCGGAAAGGGGGAGGGGAGAGGAAAAGGCCGAGGAGAGCAGAGGGGAA AAGGGGGGGGGGAACCGGAAAAAAAAGGTTGAGAGAAGAGGGACACGGAA AAAAAGGAGAAAGGGAGGGAGGGAGAAAGGGGGACAGACAGGGAAAGACC GAGAGGACAAAAAAGGAGCCCCACGGAGGGGGCGAGGAAAACAGAGGGAA AAGAAAACGAGGAAAAAGAAGGAACCAAAAGGAAAAGGAGGAGGAGGACC AAAGACAAAAAAAGGAGAGGAAAGGGAGAAAAGGCAAAAAGGAAGAAAGG AAAAGGGAAGAACCGGGAGGGAAGGAGGCAAAGGACCCAGAAAAGGAAAA GGGACCCCAAACGGGGCCAGGAGGAGGAGGGAAGAGGAGGGGAGCAACA AGGGGGAGAGAAGAGAAGGACAAAGAAAACCAGAGCCAAGGCCGACCAAG GAGGGAGAGAAAAGGGGAAGAGAAGGAAAAAACCGGGAAGGAAGGAAGGA AAAAAGGGGAACCAAGGGGGGAAGGGGGGGGAAGGGGGGAAGAAAGGAA AA GAGGAGGAGAAAGGAGGAAAAGAGAGAGGAGAAGGGAAGGGGGGGGA AGGGGGGAAAAGGAAGAAAGGACGGGGAAGAAAGGAAAAAGGGAAAAAAA GACAGGGAAAACCAGAAAGAAGGCCAAAAGGAAGGAAGGAAGGGGGAAAA AAAAAAAAAGGGGGGAGGGAAGGAACCGGGGAAGAAGGGAAGGAAGGAAA GGAGGGGGGACCAAAGGAGAACCGAGAACAGAAGGAAAGAAAAAGGGCCG AGAGGAAAAAAGGAGCAACAGGAGGGAGGGGGGAGGGAAGAGGCCGAAG GGGGGGAAAAAAGGGAAAGGAGGGAAAAAAGGGGCCGGCCGAGGAGAAA GAAGGGGAACCGACGGAGGGGCCAAAAAGAAAGAGAGTTGGAGCCAAAAC CGGAAAAAAAGAGGAGGGGGGGGAAAACCGGGGAAAGGGAACCAAAGAAG GAAAAAAAGAAGGAGAAGGGGGGAAAAAAAAGGAAAAAAGGAATAAGAGG GGGAAGGGAGGCCGGAGGGGGGGGGAAGGGGAACAAAAGAGCAGGTTCC AA G GAGAAAAAGCCGGAGGAGGGGGAGGGGAAAAAAGAGAAAGGAAAAAA AAGGCCAAGGAACAGGGGGGAAAAAAAAAAGGAAAGGGAGGGAAGGAGGG GGGGAAAAAAACGGAGCCGGGGAAGAACAGGGGAAAAAAGGGGAGGGGA CAGACAGCCCAAAGGGGGAAAAAAAAAGGGGGAAGAGAGAAAAAAGGAGA GAGGGGGGGAACGGGAAGGCAAAATAAAGAGGGGAACGCAGAAAACCGAG AGGGGGGGGGGGGGAACAAGAAACCAAGGAAGAAGAGCAGGCCAAAGGAA CGGAAGGGAGGAAGGGGGGGGAAGGAGAGGGGGAAAGGAGGAAGGACCC GGGGGAGGGAAGAAAAGGAACCAAATAGAGAGGACAGAAAGGCCAGAGAC GAGAAAAAGGGGCAAAAAAAGGAGAGGGAAAGGGGGGGAAGGAGGCAGA GAAAAAACCGGAAAAGGGGGGGGGAAAAAAAAAAGAGAAAGGGAACCACG AGGAGAGGACAGGAGGGAAAAAGGGGGGGGGAAGGCCAGGAGAAGAAGG AGGGAGGGGGAAGGGGGGAGGGAAAACCGAGAGGGGGGCCAAGGGGGAG AGAAAAAAACCGGCAAAAAAAGGGGGGAAGGAAGGAAGGAAGAAGGGAAA CCAGGAAAAAGGGAGGGGGAGGGAAGGGGGAAAGGAAGACCGGGGAAGG GGAACCAAGAGGGGAAGGAAGGCCAAGAGAAAAAGGCCGGAAAAGGGAAA CAGAAGCCAAGGGAGCACGAAGCCGGAGGGGCAAGGGAAGACAGGGCAAC AAAGGAAAGGGGGGAGACAGAGAAGGACGAAAGGGGACAGAGAGACGGAA AGGAGGAGGAAGGAAGGGGGGAGGCAGAAGAACAGAGGAAAGGGGGAGG GGGGGGGAGAAAGAAGGAAGGAAGAGACCAAGAAGGGAGAGAGAAGGAA GGAAGGCCAAGGAAGGGGAGAGCCAAAGAAGGCAAACCAAAGGGGAAGCA CACCAGAGAAGGAAAAAAGGAAAAAGGGCAAGGAGGAAACAAGAAAAGAG GGAAAGGGACAAGGAAAGGGAGAAAACCAGAGGGAAAAGGGGGGAGAAG GAAGGGGAAACAAAAGGAAAAGAAAGGGGAAGGAAGGAGAAAGAAGGGGG AAGGAAGGGGGGAGGGGAGAAGACCAAGACCAAAAAAAGAAGGCCAAGGA GGGGGGGAGAGCAGGGGAGAAGGGGGGCCAAAAGAGGGAGACCGAAGAG AGAGAGCCAGGGAGAGAAGGGGGGGGGAAAGGGGCCAAAAAAAAAAGGG AAGAGCCAGAGGGGGGGAAAGCAGAGGGGAAAAGGGAAAGGGGGGAAGG AAGGAACCGGAGAAGGGGGAAAGGCCAAAACCCCAAGAAAGGGGAGGGAA

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AA G G G G G G GAAGGCCAAAAAAAAGGAAAAGGAAGGAAAAGGGGGGGGACA AGGGGCCGAAGAACAAGAACCCCCCTTACACCCAAAAAAAAAACCAAGGAA GGGGCCAAAGGGAAGGAAAAGGAAGAGCGAGGGGAGAAGGCCGAGGAAA GCAGAAGAAGGGGCCAAAAAAGAGGAAAAAAGGAAAATTAAAAGGGGAAA AAAAGGGAAGGAAAAAAGGAAAAGGAGACAAGAGGCACCAGGGAAAAGGA AAAGGGGAAGAAAAAAACAAGGAAAGGGGAGCCGGGGGGGAGGGGACAAA GAAGGAAGGAACCAACCAAAGAGGGCCAGGAGGGGCAGAGGAAAACCAAA GAGACCAAGGAGGGAGGGGAAAGCCGGAAAGAGAGAACCGGGGAGAAGG AACCAAAAGGCCAAAGAGAGGGGGAGGGGGCCAATTGGAAAAAGAAGGAG AA $\operatorname{G} A A \operatorname{A} A G G A A C G G A G G G A A A A A A G G G A G G C C G G G G G A A G A G C C G G A A G ~$ AAAGACAAAGGAAAAAAGGTAAAGAAGAAAAGACAAAACGGGGGAGAGAA GGAAAAGGAAGGGGAAGAAGAAGGAACAAGGGGGGAAAGAACAGGAAGGC CGACGAAAGAGAGAGAAGGGGCCAAAAAAGGAAAAAAAAAAGGGGAAAAA AAAGGGGGAAGAAAAGGGGGGGGGGGGGGAAAGAAAAAAAAGGAACCAA G G G G G G GCGGGGGGCCGGAAAAAAGGAAGGGAAGCCGAGGAAGAATGAA ACCCCGGGGGGGGAAGGAACCGGGGCCCCCAAGTTAGAAGAGAGGAAAAG G G G G G A A G G G A G CAA G G G G A A G G AA G G G G G G G GTTAAGGCGGGGGAAAA G G G G A CAGGGAAAAGGGGAAAGAGCCAAAAAAGGGGGGGGGAAGGGGGA G G G GAAA GACAAAGGAAGGGGAGGGAAAGAGCGAGAGGAGGAGAAACAA G GAAGGGAGGGAAAGGAAGGGGGGGGGGGGACAGAACCAGAAAAAAGGG AAAAGGAGGAAAAAAGGAACCCCAACATTCCGACCGGAGAAAAAACCGGG
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G G G G AA G G G GAAAAGGAAGGAAAAAATTAAGGCCCCAAAAGGCCGGGGCC GGCCAAGGGGCCAAAAAAGGGGGGAAGGAACCAACCGGAAAAAAAAAAAA AAAAAAAAGGCCCCAAAAGGGGGGAAAAGGCCAAAAGGAAGGGGTTAAGG GGAAGGGGAAGGAAGGAAAACAAGGGCCGGAACAAAAAAGGGAAGGAAAA CCCAGAGGAGGGAAGGAAGGAGGGGAAACCCCGAGGGGAAAAACAGACCA G G G A G G G A A A GAGAAAAA G G GAGGGGGGGAAGAAGGCGAAGACCCCAAG G G G A A G G A A A G A G A G GAA G GACCGAAGGGAAGGAGGGGGAGGGAAAAGG AAAAGGGGGGAAGGGAAGAACCCCGATACAGGCAGAAAGAAACAATAGGG AAAAGGGGAAGGACAAGAGGAAAGCCGGCCGGAGACAAAACACAGAAAGA G GAAAAGGAAGGAGGAGGAGGGAATTGGACCAAAAAAGACGAGAAAAGGG ATGGACAGGAAAGAAAAAGGAATTCCAAGGAAGGAAGGAAGGAGGCAAGG CCCCAAACGGGGGGAAAAGGGACAAAAAAAGGGGAAAAAACCGGCCGGAA GGAAAAGGAAAAAATTAAAAGGCCGGCCAAAAAAGGCCAAGGAAAAGGAA GGCCGGTTAAGGAAAAAACCGGGGGGGGGGAAGGGGAAAAAAAAGGAAAA AAAAAAAAGGAAAAAAAAAAGGAAAAAAGGCCGGAAGGCAGACCAGAAAG AAAGGGGGGGCCAAAGAAAAGGCCAAGGGAGGAAGAAACCGGAAAAAACA A GA $\operatorname{A} A \operatorname{AGGAGGGCGAGGGCCCCAAGGGAAGACCCAAGGGGAAAAAAAAAA}$ A GAA $\operatorname{A}$ GAAAGGGGAGGAAAAGGGGGGAAGGGAGAAGATAGGGGAAAAGG GAAGGGGAAAAAGAAGGAGACAGCCGGGGAAGGAAGGGAGAGAAAAGGG AAGGGAAAACGGCCAAAACCCCCCGGCCACGGCCGAGGAAGGGAGACCAG GAGGAAAAAGAGGGAAAGAGGGAAGGAGGACCGGAAAGGGGAAAAGACAA GAAAAGAAGAAACCAGAGGGGGAGGAGAAGGGAAGAAGGGAGCCAAGGAG AGGGAAGGGGAAAAAAGGGGGAGGAAAACCAAAAGGAGGGAAGGGGCAG GAAAGAAAAAAGGAAAAGGACCGAGAGGGAGAGACGGGGGGCAAAAACCT TAAGGGGAACCAAGGAAAAGGGGGGAAGGAAGAAGAAGGAGGGCAGGAG AAAAGGAAAAGGAGATGAAGACAAGGAAAAAAGGGGACGGAAGGGAAAGG AGGGAAGGAGAAGGGGGGGACCGGGGAAAAGAAGAAGAAAAAAAGGGAG AAAAGGGAGGGAAGGAAGGGGCCGGGAAGGAGGAAGAGGAAGAGGGGAA GGAAGGCCGGAGGGGGGAGAAAGGAGCCAAGAGGAGAAGAAAGGGGAAA TACAAGAGGAGGAGGAACGGGAAGGAAAGAAGGCAAGGAGGAAGGAAAGG GGGAAAAGAGGAAGAAAGAGAGAAGACGGGAAAGGGACAAAAAACGGAGG GAAGGGGCAGAGAAAGGGGAAGGGGGAAACCGAGGAAGGAAGGAGGGAA G G G GCAAGAGAAGAAGAGGAAGAGAAAGAAGGAAGGAAGGAAGGCAGAAG AAGGTAAGCCAGCCGAGGAGAAAAGGAAGGGGAAAGGAAGAAACAGGACC AACAAGAGAGGAGAGGAAAAGAAACCGGGGGGAAGGGAAAGGGAAAAACC TTGAGGAAAAGAACAGAGAGGAAAGACCACGGAGGGAAGGAAGCAGCCAA AA G G AAAAGGGGAGGGGGAAGGGGAAGGAAAAAAGGGGAAAAGGAAAAAA A G G A A GAGGGGGGAGGGAACGCCCACCCAAGAACGAGAGGAAAAAGAGCC GGAGACAAGGAAGGGGGGGGGGAATTGGGGAAGGAAAGGGGGAGGGCCC CAGGAAGGACCAGGGGACCGGAGAAAGCCGAAGAACCGGGAGAAGAAACA AAAGAACAGAGATAACCGAAAAGAAGGGAAGAGAAAAGGAAAGAAGGCGC CAAAAAATTAAGGAGGGGAAAAGAAAAAGGAAGGAGCGAGAGAGAAGAAG GAGAAGAAGAGCCAAAACCAAAAACAAGGGGGGGAGGGGAAGGGGGAAGG GAAGAAGGAGGGGGGCCAGGGAAGGGAAAAAGACAGAAGAGGGAGGGAA GGGAGAAGAGAGGAGGGGACAACCGGAAAAAGAGAAAAGAAGGGAGGGG GGGAAAGACGGAAGGGGAAAAAGAAGGGACAACGGGGGGAGGGGGAGAC GGCCAGAGAGAGGACAGAGGAAGGGGAAACAGAAGGAAGGAGCAAAAAAA CCGGGGAGAAAAAGCAGGAAAAGAGAAAGGGGCAGAAAGAGGAAAACAAA GGAACCAGGGACGGGGAGGCAAGGGGCCGAGGGGAAGGGGGGAAGAGGA GAGGAAAACACGGCAAAAAGGGAGGGGGGAAGAGGGGAAGGGGAAAAGG CCAGGAAAAGAGAGAAAGGAGGAGGGGGGGAAAAAAAAGGCAGGAGACGG AGAACCAAAAAAAGGAGGCAAGAAAGACAGCCAAAGGAGGCCAACCAAGA GAAACCGGGCACGGAAGAAGGGAGCAAAGAAGGAGAGGGAAAAAGGAACC ACGGAGAAAAAAAGAAGGGGAAAAGGACAAGGGGGAGAAAGGGGAAAACA G G G G G AAAAAGAGGTTGGAAAGGAGAGGGGAAAGAGGGGAAGAAGGAAG GAGGGGGAAAAAAAAAAAAGAGGGGGGAAGGAAGACCAACCGGCCAGACA AAAGAGGGCACGGAAAAAAGGAGGAAAAGAGAAAAAAGGCCAAAGGGAAC CAGAGAAAGGAAGGGGCAGAGCCGGACAAGGAGGGGGGGGAAGAGGGCC G GAA GACCGGAGGGGAGAAGAACCAGAAAGAGAGAAAGGGAGAAGAAAAA GGAAAAAAATGGAAAAAGGAGAAAAAAAGGGGAAAAGAGGAGAAGACAAG AAGGAAGGAAAGGGGGGGAAGGGAAGAAGGGAAGAAAGGAAAGGGGAAA

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