

Appendix 1: Sequences of ACE2 mutants in this work

13	<p>CAATCTACCATCGAAGAGCAGGCCAAAACATTCTCGACAAGTTTAATCACGAGGCTGAAGACC TTTTCTACCAATCAAGTCTGGCTAGCTGGAATTACAATACAAACATTACAGAGGAGAACGTACA AAACATGAATAACGCAGGGGACAAGTGGAGCGCATTCTTAAGGAACAAAGTACCCTTGCGCAA ATGTATCCGCTGCAAGAGATTCAAACCTGACGGTTAAGCTGCAACTTCAGGCCCTCCAACAAA ATGGAAGTTCAGTCTTGTCAGAAGACAAAAGCAAGCGACTGAACACCATCCTTAACACCATGTC AACCATATATTCAACAGGTAAAGTTTGCAATCCGGATAACCCCAAGAATGTTTGCTTCTTGAA CCCGGTCTCAACGAAATTATGGCCAACAGTCTTGATTACAACGAGCGATTGTGGGCATGGGAAA GTTGGAGGAGTGAGGTAGGCAAACAGTTGAGACCTCTTTATGAAGAGTACGTTGTCCTTAAAAA TGAAATGGCTCGCGCGAATCATTATGAAGACTATGGTGACTACTGGAGGGGGGATTATGAGGTG AACGGGGTGGACGGATACGATTACTCTAGGGGCCAGCTGATAGAGGATGTCGAGCACACCTTTG AGGAGATTAAGCCGTTGTACGAACATTTGCACGCCTATGTCAGGGCTAAGCTCATGAACGCTTA TCCGAGTTATATCTCCCCGATAGGATGCTTGCCTGCTCACTTGTTGGGCGATATGTGGGGACGC TTTTGGACCAACTTGATTCCCTTACGGTACCGTTCGGCCAGAAACCAAATATCGACGTGACAG ACGCAATGGTGGATCAAGCATGGGATGCGCAACGAATCTTCAAGGAGGCAGAAAAATTTTTTCGT TTCAGTTGGACTCCCAAACATGACGCAGGGTTTCTGGGAGAACTCAATGTTGACAGATCCAGGT AATGTGCAGAAAGCGGTTTGCCACCCTACTGCATGGGATCTTGGTAAAGGGGACTTCCGCATAC TCATGTGTACGAAAGTAACTATGGACGACTTTCTTACTGCGCACCACGAGATGGGGCACATACA ATACGATATGGCGTACGCAGCTCAACCTTTCCTTCTGCGGAACGGGGCGAATGAAGGATTTAC GAGGCAGTGGGTGAGATTATGTCCCTGTCAGCTGCCACTCCGAAACATCTGAAAAGCATCGGCC TGTTGAGCCCAGACTTCCAAGAAGATAATGAGACCGAAATAAECTTCTTCTGAAGCAAGCACT GACTATTGTAGGTACCTTGCCCTTTACCTACATGCTGGAGAAGTGGAGGTGGATGGTATTTAAG GGGGAGATACCGAAAGATCAATGGATGAAAAAGTGGTGGGAAATGAAAAGGGAGATCGTTGGCG TAGTTGAACCAGTACCGCATGATGAGACGTACTGCGATCCGGCTAGTCTGTTCCATGTCTCTAA TGATTACTCTTTCATCCGCTACTACCCCGCACGCTGTATCAATTCCAGTTCCAAGAAGCTCTC TGTCAGGCTGCCAAGCACGAAGGACCGCTGCACAAATGCGACATTAGCAATTCTACAGAGGCGG GTCAGAAGTTGTTCAATATGCTTAGACTGGGGAAGAGCGAACCGTGGACGCTCGCTTTGGAGAA CGTTGTTGGAGCTAAGAATATGAACGTCAGGCCCTTGCTGAATTACTTTGAACCTCTGTTTACG TGGTTGAAAGACCAAAAATAAAAACCTCTTTGTTGGGTGGAGTACTGACTGGTCCCCCTATGCC</p>
208	<p>CAATCTACCATCGAAGAGCAGGCCAAAACATTCTCGACAAGTTTAATCACGAGGCTGAAGACC TTTTCTACCAATCAAGTCTGGCTAGCTGGAATTACAATACAAACATTACAGAGGAGAACGTACA AAACATGAATAACGCAGGGGACAAGTGGAGCGCATTCTTAAGGAACAAAGTACCCTTGCGCAA ATGTATCCGCTGCAAGAGATTCAAACCTGACGGTTAAGCTGCAACTTCAGGCCCTCCAACAAA ATGGAAGTTCAGTCTTGTCAGAAGACAAAAGCAAGCGACTGAACACCATCCTTAACACCATGTC AACCATATATTCAACAGGTAAAGTTTGCAATCCGGATAACCCCAAGAATGTTTGCTTCTTGAA CCCGGTCTCAACGAAATTATGGCCAACAGTCTTGATTACAACGAGCGATTGTGGGCATGGGAAA GTTGGAGGAGTGAGGTAGGCAAACAGTTGAGACCTCTTTATGAAGAGTACGTTGTCCTTAAAAA TGAAATGGCTCGCGCGAATCATTATGAAGACTATGGTGACTACTGGAGGGGGGATTATGAGGTG AACGGGGTGGACGGATACGATTACTCTAGGGGCCAGCTGATAGAGGATGTCGAGCACACCTTTG AGGAGATTAAGCCGTTGTACGAACATTTGCACGCCTATGTCAGGGCTAAGCTCATGAACGCTTA TCCGAGTTATATCTCCCCGATAGGATGCTTGCCTGCTCACTTGTTGGGCGATATGTGGGGACGC TTTTGGACCAACTTGATTCCCTTACGGTACCGTTCGGCCAGAAACCAAATATCGACGTGACAG ACGCAATGGTGGATCAAGCATGGGATGCGCAACGAATCTTCAAGGAGGCAGAAAAATTTTTTCGT TTCAGTTGGACTCCCAAACATGACGCAGGGTTTCTGGGAGAACTCAATGTTGACAGATCCAGGT AATGTGCAGAAAGCGGTTTGCCACCCTACTGCATGGGATCTTGGTAAAGGGGACTTCCGCATAC TCATGTGTACGAAAGTAACTATGGACGACTTTCTTACTGCGCACCACGAGATGGGGCACATACA ATACGATATGGCGTACGCAGCTCAACCTTTCCTTCTGCGGAACGGGGCGAATGAAGGATTTAC</p>

	<p>GAGGCAGTGGGTGAGATTATGTCCCTGTCAGCTGCCACTCCGAAACATCTGAAAAGCATCGGCC TGTTGAGCCCAGACTTCCAAGAAGATAATGAGACCGAAATAAACTTCCTTCTGAAGCAAGCACT GACTATTGTAGGTACCTTGCCCTTTACATACATGCTGGAGAAGTGGAGGTGGATGGTATTTAAG GGGAGATACCGAAAGATCAATGGATGAAAAAGTGGTGGGAAATGAAAAGGGAGATCGTTGGCG TAGTTGAACCAGTACCGCATGATGAGACGTACTGCGATCCGGCTAGTCTGTTCCATGTCTCTAA TGATTACTCTTTCATCCGCTACTACACCCGCACGCTGTATCAATTCCAGTTCGAAGAAGCTCTC TGTCAGGCTGCCAAGCACGAAGGACCGCTGCACAAATGCGACATTAGCAATTCTACAGAGGCGG GTCAGAAGTTGTTCAATATGCTTAGACTGGGAAGAGCGAACCCTGGACGCTCGCTTTGGAGAA CGTTGTTGGAGCTAAGAATATGAACGTCAGGCCCTTGTGAATTACTTTGAACCTCTGTTTACG TGGTTGAAAGACCAAAATAAAAACCTCCTTTGTTGGGTGGAGTACTGACTGGTCCCCCTATGCGG ACCAAAGCATCAAAGTGAGGATAAGCCTAAAATCAGCTCTTGGAGATAAAGCATATGAATGGAA CGACAATGAAATGTACCTGTTCCGATCATCTGTTGCATATGCTATGAGGCAGTACTTTTTAAAA GTA AAAAATCAGATGATTCTTTTTGGGGAGGAGGATGTGCGAGTGGCTAATTTGAAACCAAGAA TCTCCTTTAATTTCTTTGTCACTGCACCTAAAATGTGTCTGATATCATTCTAGAACTGAAGT TGAAAAGGCCATCAGGATGTCCCGGAGCCGTATCAATGATGCTTTCCTGTGAATGACAACAGC CTAGAGTTTCTGGGGATACAGCCAACACTTGGACCTCCTAACCAGCCCCCTGTTTCC</p>
Y208	<p>CAATCTACCATCGAAGAGCAGGCCAAAACATTCCTCGACAAGTTTAATCACGAGGCTGAAGACC TTTTCTACCAATCAAGTCTGGCTAGCTGGAATTACAATACAAACATTACAGAGGAGAACGTACA AAACATGAATAACGCAGGGGACAAGTGGAGCGCATTCTTAAGGAACAAAGTACCCTTGCGCAA ATGTATCCGCTGCAAGAGATTCAAACCTGACGGTTAAGCTGCAACTTCAGGCCCTCCAACAAA ATGGATCCTCAGTCTTGTGAGAAGACAAAAGCAAGCGACTGAACACCATCCTTAACACCATGTC AACCATATATTCAACAGGTAAAGTTTGCAATCCGGATAACCCCAAGAATGTTTGCTTCTTGAA CCCGGTCTCAACGAAATTATGGCCAACAGTCTTGATTACAACGAGCGATTGTGGGCATGGGAAA GTTGGAGGAGTGAAGTAGGCAAACAGTTGAGACCTCTTTATGAAGAGTACGTTGTCCTTAAAAA TGAAATGGCTCGCGCGAATCATTATGAAGACTATGGTACTACTGGAGGGGGATTATGAGGTG AACGGGTGGACGGATACGATTACTCTAGGGGCCAGCTGATAGAGGATGTCGAGCACACCTTTG AGGAGATTAAGCCGTTGTACGAACATTTGCACGCCTATGTCAGGGCTAAGCTCATGAACGCTTA TCCGAGTTATATCTCCCGATAGGATGCTTGCCCTGCTCACTTGTGGGCGATATGTGGGGACGC TTTTGGACCAACTTGATTCCCTTACGGTACCGTTCGGCCAGAAACCAATATCGACGTGACAG ACGCAATGGTGGATCAAGCATGGGATGCGCAACGAATCTTCAAGGAGGCAGAAAAATTTTTCGT TTCAGTTGGACTCCCAAACATGACGCAGGGTTTCTGGGAGAACTCAATGTTGACAGATCCAGGT AATGTGCAGAAAGCGGTTTGCCACCCTACTGCATGGGATCTTGGTAAAGGGGACTTCCGCATAC TCATGTGTACGAAAGTAACTATGGACGACTTTCTTACTGCGCACCACGAGATGGGGCACATACA ATACGATATGGCGTACGCAGCTCAACCTTTCCTTCTGCGGAACGGGGCGAATGAAGGATTTAC GAGGCAGTGGGTGAGATTATGTCCCTGTCAGCTGCCACTCCGAAACATCTGAAAAGCATCGGCC TGTTGAGCCCAGACTTCCAAGAAGATAATGAGACCGAAATAAACTTCCTTCTGAAGCAAGCACT GACTATTGTAGGTACCTTGCCCTTTACATACATGCTGGAGAAGTGGAGGTGGATGGTATTTAAG GGGAGATACCGAAAGATCAATGGATGAAAAAGTGGTGGGAAATGAAAAGGGAGATCGTTGGCG TAGTTGAACCAGTACCGCATGATGAGACGTACTGCGATCCGGCTAGTCTGTTCCATGTCTCTAA TGATTACTCTTTCATCCGCTACTACACCCGCACGCTGTATCAATTCCAGTTCGAAGAAGCTCTC TGTCAGGCTGCCAAGCACGAAGGACCGCTGCACAAATGCGACATTAGCAATTCTACAGAGGCGG GTCAGAAGTTGTTCAATATGCTTAGACTGGGAAGAGCGAACCCTGGACGCTCGCTTTGGAGAA CGTTGTTGGAGCTAAGAATATGAACGTCAGGCCCTTGTGAATTACTTTGAACCTCTGTTTACG TGGTTGAAAGACCAAAATAAAAACCTCCTTTGTTGGGTGGAGTACTGACTGGTCCCCCTATGCG</p>
14	<p>CAATCTACCATCGAAGAGCAGGCCAAAACATTCCTCGACAAGTTTAATGTCGAGGCTGAAGACC TTTTCTACCAATCAAGTCTGGCTAGCTGGAATTACAATACAAACATTACAGAGGAGAACGTACA AAACATGAATAACGCAGGGGACAAGTGGAGCGCATTCTTAAGGAACAAAGTACCCTTGCGCAA</p>

	<p>ATGTATCCGCTGCAAGAGATTCAAACCTGACGGTTAAGCTGCAACTTCAGGCCCTCCAACAAA ATGGAAGTTCAGTCTTGTGTCAGAAGACAAAAGCAAGCGACTGAACACCATCCTTAACACCATGTC AACCATATATTCAACAGGTAAAGTTTGAATCCGGATAACCCCAAGAATGTTTGCTTCTTGAA CCCGGTCTCAACGAAATTATGGCCAACAGTCTTGATTACAACGAGCGATTGTGGGCATGGGAAA GTTGGAGGAGTGAGGTAGGCAAACAGTTGAGACCTCTTTATGAAGAGTACGTTGTCTTAAAAA TGAAATGGCTCGCGCGAATCATTATGAAGACTATGGTGACTACTGGAGGGGGATTATGAGGTG AACGGGGTGGACGGATACGATTACTCTAGGGGCCAGCTGATAGAGGATGTCGAGCACACCTTTG AGGAGATTAAGCCGTTGTACGAACATTTGCACGCCTATGTCAGGGCTAAGCTCATGAACGCTTA TCCGAGTTATATCTCCCCGATAGGATGCTTGCCTGCTCACTTGTTGGGCGATATGTGGGGACGC TTTTGGACCAACTTGATTCCCTTACGGTACCGTTCGGCCAGAAACCAATATCGACGTGACAG ACGCAATGGTGGATCAAGCATGGGATGCGCAACGAATCTTCAAGGAGGCAGAAAAATTTTTCGT TTCAGTTGGACTCCCAAACATGACGCAGGGTTTCTGGGAGAACTCAATGTTGACAGATCCAGGT AATGTGCAGAAAGCGGTTTGCCACCCTACTGCATGGGATCTTGGTAAAGGGGACTTCCGCATAC TCATGTGTACGAAAGTAACTATGGACGACTTTCTTACTGCGCACCACGAGATGGGGCACATACA ATACGATATGGCGTACGCAGCTCAACCTTTCCTTCTGCGGAACGGGGCGAATGAAGGATTTTAC GAGGCAGTGGGTGAGATTATGTCCCTGTCAGCTGCCACTCCGAAACATCTGAAAAGCATCGGCC TGTTGAGCCCAGACTTCCAAGAAGATAATGAGACCGAAATAAACTTCTTCTGAAGCAAGCACT GACTATTGTAGGTACCTTGCCCTTACCTACATGCTGGAGAAGTGGAGGTGGATGGTATTTAAG GGGGAGATACCGAAAGATCAATGGATGAAAAAGTGGTGGGAAATGAAAAGGGAGATCGTTGGCG TAGTTGAACCAGTACCGCATGATGAGACGTACTGCGATCCGGCTAGTCTGTTCCATGTCTCTAA TGATTACTTTTCATCCGCTACTACACCCGCACGCTGTATCAATTCCAGTTCCAAGAAGCTCTC TGTCAGGCTGCCAAGCACGAAGGACCGCTGCACAAATGCGACATTAGCAATTCTACAGAGGCGG GTCAGAAGTTGTTCAATATGCTTAGACTGGGGAAGAGCGAACCCTGGACGCTCGCTTTGGAGAA CGTTGTTGGAGCTAAGAATATGAACGTCAGGCCCTTGTGAATTACTTTGAACCTCTGTTTACG TGTTGAAAGACCAAATAAAAACTCCTTGTGGGTGGAGTACTGACTGGTCCCCCTATGCC</p>
295	<p>CAATCTACCATCGAAGAGCAGGCCAAAACATTCTCGACAAGTTTAAATGTCGAGGCTGAAGACC TTTTCTACCAATCAAGTCTGGCTAGCTGGAATTACAATACAAACATTACAGAGGAGAACGTACA AAACATGAATAACGCAGGGGACAAGTGGAGCGCATTCTTAAGGAACAAAGTACCCTTGCGCAA ATGTATCCGCTGCAAGAGATTCAAACCTGACGGTTAAGCTGCAACTTCAGGCCCTCCAACAAA ATGGATCCTCAGTCTTGTGTCAGAAGACAAAAGCAAGCGACTGAACACCATCCTTAACACCATGTC AACCATATATTCAACAGGTAAAGTTTGAATCCGGATAACCCCAAGAATGTTTGCTTCTTGAA CCCGGTCTCAACGAAATTATGGCCAACAGTCTTGATTACAACGAGCGATTGTGGGCATGGGAAA GTTGGAGGAGTGAGGTAGGCAAACAGTTGAGACCTCTTTATGAAGAGTACGTTGTCTTAAAAA TGAAATGGCTCGCGCGAATCATTATGAAGACTATGGTGACTACTGGAGGGGGATTATGAGGTG AACGGGGTGGACGGATACGATTACTCTAGGGGCCAGCTGATAGAGGATGTCGAGCACACCTTTG AGGAGATTAAGCCGTTGTACGAACATTTGCACGCCTATGTCAGGGCTAAGCTCATGAACGCTTA TCCGAGTTATATCTCCCCGATAGGATGCTTGCCTGCTCACTTGTTGGGCGATATGTGGGGACGC TTTTGGACCAACTTGATTCCCTTACGGTACCGTTCGGCCAGAAACCAATATCGACGTGACAG ACGCAATGGTGGATCAAGCATGGGATGCGCAACGAATCTTCAAGGAGGCAGAAAAATTTTTCGT TTCAGTTGGACTCCCAAACATGACGCAGGGTTTCTGGGAGAACTCAATGTTGACAGATCCAGGT AATGTGCAGAAAGCGGTTTGCCACCCTACTGCATGGGATCTTGGTAAAGGGGACTTCCGCATAC TCATGTGTACGAAAGTAACTATGGACGACTTTCTTACTGCGCACCACGAGATGGGGCACATACA ATACGATATGGCGTACGCAGCTCAACCTTTCCTTCTGCGGAACGGGGCGAATGAAGGATTTTAC GAGGCAGTGGGTGAGATTATGTCCCTGTCAGCTGCCACTCCGAAACATCTGAAAAGCATCGGCC TGTTGAGCCCAGACTTCCAAGAAGATAATGAGACCGAAATAAACTTCTTCTGAAGCAAGCACT GACTATTGTAGGTACCTTGCCCTTACATACATGCTGGAGAAGTGGAGGTGGATGGTATTTAAG GGGGAGATACCGAAAGATCAATGGATGAAAAAGTGGTGGGAAATGAAAAGGGAGATCGTTGGCG</p>

	<p>TAGTTGAACCAGTACCGCATGATGAGACGTACTGCGATCCGGCTAGTCTGTTCCATGTCTCTAA TGATTACTCTTTCATCCGCTACTACACCCGCACGCTGTATCAATTCCAGTTCCAAGAAGCTCTC TGTCAGGCTGCCAAGCACGAAGGACCGCTGCACAAATGCGACATTAGCAATTCTACAGAGGCGG GTCAGAAGTTGTTCAATATGCTTAGACTGGGAAGAGCGAACCCTGGACGCTCGCTTTGGAGAA CGTTGTTGGAGCTAAGAATATGAACGTCAGGCCCTTGCTGAATTACTTTGAACCTCTGTTTACG TGGTTGAAAGACCAAAAATAAAAACCTCCTTTGTTGGGTGGAGTACTGACTGGTCCCCCTATGCGG ACCAAAGCATCAAAGTGAGGATAAGCCTAAAATCAGCTCTTGGAGATAAAGCATATGAATGGAA CGACAATGAAATGTACCTGTTCCGATCATCTGTTGCATATGCTATGAGGCAGTACTTTTTAAAA GAAAAAATCAGATGATTCTTTTTGGGGAGGAGGATGTGCGAGTGGCTAATTTGAAACCAAGAA TCTCCTTTAATTTCTTTGTCACTGCACCTAAAATGTGTCTGATATCATTCTAGAACTGAAGT TGAAAAGGCCATCAGGATGTCCCGGAGCCGTATCAATGATGCTTTCCGTCTGAATGACAACAGC CTAGAGTTTCTGGGGATACAGCCAACACTTGGACCTCCTAACCAGCCCCCTGTTTCC</p>
19	<p>CAATCTACCATCGAAGAGCAGGCCAAAACATTCTCGACTTCTTTAATATCCAGGCTGAAGACC TTTTCTACCAATCAAGTCTGGCTAGCTGGAATTACAATACAAACATTACAGAGGAGAACGTACA AAACATGAATAACGCAGGGGACAAGTGGAGCGCATTCTTAAGGAACAAAGTACCCTTGCGCAA ATGTATCCGCTGCAAGAGATTCAAACCTGACGGTTAAGCTGCAACTTCAGGCCCTCCAACAAA ATGGAAGTTCAGTCTTGTGAGAAGACAAAAGCAAGCGACTGAACACCATCCTTAACACCATGTC AACCATATATTCAACAGGTAAAGTTTGAATCCGGATAACCCCCAAGAATGTTTGCTTCTTGAA CCCGGTCTCAACGAAATTATGGCCAACAGTCTTGATTACAACGAGCGATTGTGGGCATGGGAAA GTTGGAGGAGTGAGGTAGGCAAACAGTTGAGACCTCTTTATGAAGAGTACGTTGTCTTAAAAA TGAAATGGCTCGCGCGAATCATTATGAAGACTATGGTGACTACTGGAGGGGGGATTATGAGGTG AACGGGTGGACGGATACGATTACTCTAGGGGCCAGCTGATAGAGGATGTCGAGCACACCTTTG AGGAGATTAAGCCGTTGTACGAACATTTGCACGCCTATGTCAGGGCTAAGCTCATGAACGCTTA TCCGAGTTATATCTCCCCGATAGGATGCTTGCCTGCTCACTTGTTGGGCGATATGTGGGGACGC TTTTGGACCAACTTGATTCCCTTACGGTACCGTTCGGCCAGAAACCAATATCGACGTGACAG ACGCAATGGTGGATCAAGCATGGGATGCGCAACGAATCTTCAAGGAGGCAGAAAAATTTTTCGT TTCAGTTGGACTCCCAAACATGACGCAGGGTTTCTGGGAGAACTCAATGTTGACAGATCCAGGT AATGTGCAGAAAGCGGTTTGCCACCCTACTGCATGGGATCTTGGTAAAGGGGACTTCCGCATAC TCATGTGTACGAAAGTAACTATGGACGACTTTCTTACTGCGCACCACGAGATGGGGCACATACA ATACGATATGGCGTACGCAGCTCAACCTTTCCTTCTGCGGAACGGGGCGAATGAAGGATTTAC GAGGCAGTGGGTGAGATTATGTCCCTGTCAGCTGCCACTCCGAAACATCTGAAAAGCATCGGCC TGTTGAGCCCAGACTTCCAAGAAGATAATGAGACCGAAATAAACTTCTTCTGAAGCAAGCACT GACTATTGTAGGTACCTTGCCCTTACCTACATGCTGGAGAAGTGGAGGTGGATGGTATTTAAG GGGGAGATACCGAAAGATCAATGGATGAAAAAGTGGTGGGAAATGAAAAGGGAGATCGTTGGCG TAGTTGAACCAGTACCGCATGATGAGACGTACTGCGATCCGGCTAGTCTGTTCCATGTCTCTAA TGATTACTCTTTCATCCGCTACTACACCCGCACGCTGTATCAATTCCAGTTCCAAGAAGCTCTC TGTCAGGCTGCCAAGCACGAAGGACCGCTGCACAAATGCGACATTAGCAATTCTACAGAGGCGG GTCAGAAGTTGTTCAATATGCTTAGACTGGGAAGAGCGAACCCTGGACGCTCGCTTTGGAGAA CGTTGTTGGAGCTAAGAATATGAACGTCAGGCCCTTGCTGAATTACTTTGAACCTCTGTTTACG TGGTTGAAAGACCAAAAATAAAAACCTCCTTTGTTGGGTGGAGTACTGACTGGTCCCCCTATGCG</p>
293	<p>CAATCTACCATCGAAGAGCAGGCCAAAACATTCTCGACTTCTTTAATATCCAGGCTGAAGACC TTTTCTACCAATCAAGTCTGGCTAGCTGGAATTACAATACAAACATTACAGAGGAGAACGTACA AAACATGAATAACGCAGGGGACAAGTGGAGCGCATTCTTAAGGAACAAAGTACCCTTGCGCAA ATGTATCCGCTGCAAGAGATTCAAACCTGACGGTTAAGCTGCAACTTCAGGCCCTCCAACAAA ATGGAAGTTCAGTCTTGTGAGAAGACAAAAGCAAGCGACTGAACACCATCCTTAACACCATGTC AACCATATATTCAACAGGTAAAGTTTGAATCCGGATAACCCCCAAGAATGTTTGCTTCTTGAA CCCGGTCTCAACGAAATTATGGCCAACAGTCTTGATTACAACGAGCGATTGTGGGCATGGGAAA</p>

	<p>GTTGGAGGAGTGAGGTAGGCAAACAGTTGAGACCTCTTTATGAAGAGTACGTTGTCCTTAAAAA TGAAATGGCTCGCGCGAATCATTATGAAGACTATGGTGACTACTGGAGGGGGGATTATGAGGTG AACGGGGTGGACGGATACGATTACTCTAGGGGCCAGCTGATAGAGGATGTCGAGCACACCTTTG AGGAGATTAAGCCGTTGTACGAACATTTGCACGCCTATGTCAGGGCTAAGCTCATGAACGCTTA TCCGAGTTATATCTCCCCGATAGGATGCTTGCCTGCTCACTTGTGGGGCGATATGTGGGGACGC TTTTGGACCAACTTGATTCCCTTACGGTACCGTTCGGCCAGAAACCAATATCGACGTGACAG ACGCAATGGTGGATCAAGCATGGGATGCGCAACGAATCTTCAAGGAGGCAGAAAAATTTTTTCGT TTCAGTTGGACTCCCAAACATGACGCAGGGTTTCTGGGAGAACTCAATGTTGACAGATCCAGGT AATGTGCAGAAAGCGGTTTGCCACCCTACTGCATGGGATCTTGGTAAAGGGGACTTCCGCATAC TCATGTGTACGAAAGTAACTATGGACGACTTTCTTACTGCGCACCACGAGATGGGGCACATACA ATACGATATGGCGTACGCAGCTCAACCTTTCCTTCTGCGGAACGGGGCGAATGAAGGATTTTAC GAGGCAGTGGGTGAGATTATGTCCCTGTCAGCTGCCACTCCGAAACATCTGAAAAGCATCGGCC TGTTGAGCCCAGACTTCCAAGAAGATAATGAGACCGAAATAAATTCCTTCTGAAGCAAGCACT GACTATTGTAGGTACCTTGCCCTTTACATACATGCTGGAGAAGTGGAGGTGGATGGTATTTAAG GGGGAGATAACCGAAAGATCAATGGATGAAAAAGTGGTGGGAAATGAAAAGGGAGATCGTTGGCG TAGTTGAACCAGTACCGCATGATGAGACGTACTGCGATCCGGCTAGTCTGTTCCATGTCTCTAA TGATTACTCTTTCATCCGCTACTACACCCGCACGCTGTATCAATTCCAGTTCCAAGAAGCTCTC TGTCAGGCTGCCAAGCACGAAGGACCGCTGCACAAATGCGACATTAGCAATTCTACAGAGGCGG GTCAGAAGTTGTTCAATATGCTTAGACTGGGGAAGAGCGAACCCTGGACGCTCGCTTTGGAGAA CGTTGTTGGAGCTAAGAATATGAACGTCAGGCCCTTGTGAATTACTTTGAACCTCTGTTTACG TGGTTGAAAGACCAAAATAAAAATCCTTTGTTGGGTGGAGTACTGACTGGTCCCCCTATGCGG ACCAAAGCATCAAAGTGAGGATAAGCCTAAAATCAGCTCTTGGAGATAAAGCATATGAATGGAA CGACAATGAAATGTACCTGTTCCGATCATCTGTTGCATATGCTATGAGGCAGTACTTTTTTAAAA GTAAAAAATCAGATGATTCTTTTTGGGGAGGAGGATGTGCGAGTGGCTAATTTGAAACCAAGAA TCTCCTTTAATTTCTTTGTCACTGCACCTAAAATGTGTCTGATATCATTCTAGAACTGAAGT TGAAAAGGCCATCAGGATGTCCCGGAGCCGTATCAATGATGCTTTCCTGCTGAATGACAACAGC CTAGAGTTTCTGGGGATACAGCCAACACTTGGACCTCCTAACCAGCCCCCTGTTTCC</p>
117	<p>CAATCTACCATCGAAGAGCAGGCCAAAACATTCCTCGACAAGTTTAATCACGAGGCTGAAGACC TTTTCTACCAATCAAGTCTGGCTAGCTGGAATTACAATACAAACATTACAGAGGAGAACGTACA AAACATGAATAACGCAGGGGACAAGTGGAGCGCATTCCCTTAAGGAACAAAGTACCCTTGCGCAA ATGTATCCGCTGCAAGAGATTCAACAACCTGACGGTTAAGCTGCAACTTCAGGCCCTCCAACAAA ATGGATCCTCAGTCTTGTGAGAAGACAAAAGCAAGCGACTGAACACCATCCTTAACACCATGTC AACCATATATTCAACAGGTAAAGTTTGCAATCCGGATAACCCCAAGAATGTTTGCTTCTTGAA CCCGGTCTCAACGAAATTATGGCCAACAGTCTTGATTACAACGAGCGATTGTGGGCATGGGAAA GTTGGAGGAGTGAGGTAGGCAAACAGTTGAGACCTCTTTATGAAGAGTACGTTGTCCTTAAAAA TGAAATGGCTCGCGCGAATCATTATGAAGACTATGGTGACTACTGGAGGGGGGATTATGAGGTG AACGGGGTGGACGGATACGATTACTCTAGGGGCCAGCTGATAGAGGATGTCGAGCACACCTTTG AGGAGATTAAGCCGTTGTACGAACATTTGCACGCCTATGTCAGGGCTAAGCTCATGAACGCTTA TCCGAGTTATATCTCCCCGATAGGATGCTTGCCTGCTCACTTGTGGGGCGATATGTGGGGACGC TTTTGGACCAACTTGATTCCCTTACGGTACCGTTCGGCCAGAAACCAATATCGACGTGACAG ACGCAATGGTGGATCAAGCATGGGATGCGCAACGAATCTTCAAGGAGGCAGAAAAATTTTTTCGT TTCAGTTGGACTCCCAAACATGACGCAGGGTTTCTGGGAGAACTCAATGTTGACAGATCCAGGT AATGTGCAGAAAGCGGTTTGCCACCCTACTGCATGGGATCTTGGTAAAGGGGACTTCCGCATAC TCATGTGTACGAAAGTAACTATGGACGACTTTCTTACTGCGCACAACGAGATGGGGAACATACA ATACGATATGGCGTACGCAGCTCAACCTTTCCTTCTGCGGAACGGGGCGAATGAAGGATTTTAC GAGGCAGTGGGTGAGATTATGTCCCTGTCAGCTGCCACTCCGAAACATCTGAAAAGCATCGGCC TGTTGAGCCCAGACTTCCAAGAAGATAATGAGACCGAAATAAATTCCTTCTGAAGCAAGCACT</p>

	<p>GACTATTGTAGGTACCTTGCCCTTTACATACATGCTGGAGAAGTGGAGGTGGATGGTATTTAAG GGGGAGATACCGAAAGATCAATGGATGAAAAAGTGGTGGGAAATGAAAAGGGAGATCGTTGGCG TAGTTGAACCAGTACCGCATGATGAGACGTACTGCGATCCGGCTAGTCTGTTCCATGTCTCTAA TGATTACTCTTTCATCCGCTACTACACCCGCACGCTGTATCAATTCCAGTTCCAAGAAGCTCTC TGTCAGGCTGCCAAGCACGAAGGACCGCTGCACAAATGCGACATTAGCAATTCTACAGAGGCGG GTCAGAAGTTGTTCAATATGCTTAGACTGGGGAAGAGCGAACCGTGGACGCTCGCTTTGGAGAA CGTTGTTGGAGCTAAGAATATGAACGTCAGGCCCTTGCTGAATTACTTTGAACCTCTGTTTACG TGGTTGAAAGACCAAAAATAAAAACCTCCTTTGTTGGGTGGAGTACTGACTGGTCCCCCTATGCG</p>
Y117	<p>CAATCTACCATCGAAGAGCAGGCCAAAACATTCCTCGACAAGTTTAATCACGAGGCTGAAGACC TTTTCTACCAATCAAGTCTGGCTAGCTGGAATTACAATACAAACATTACAGAGGAGAACGTACA AAACATGAATAACGCAGGGGACAAGTGGAGCGCATTCTTAAGGAACAAAGTACCCTTGCGCAA ATGTATCCGCTGCAAGAGATTCAACAACCTGACGGTTAAGCTGCAACTTCAGGCCCTCCAACAAA ATGGATCCTCAGTCTTGTGAGAAGACAAAAGCAAGCGACTGAACACCATCCTTAACACCATGTC AACCATATATTCAACAGGTAAAGTTTGCAATCCGGATAACCCCAAGAATGTTTGCTTCTTGAA CCCGGTCTCAACGAAATTATGGCCAACAGTCTTGATTACAACGAGCGATTGTGGGCATGGGAAA GTTGGAGGAGTGGGTAGGCAAACAGTTGAGACCTCTTTATGAAGAGTACGTTGTCCTTAAAAA TGAAATGGCTCGCGCGAATCATTATGAAGACTATGGTGACTACTGGAGGGGGGATTATGAGGTG AACGGGGTGGACGGATACGATTACTCTAGGGGCCAGCTGATAGAGGATGTCGAGCACACCTTTG AGGAGATTAAGCCGTTGTACGAACATTTGCACGCCTATGTCAGGGCTAAGCTCATGAACGCTTA TCCGAGTTATATCTCCCGATAGGATGCTTGCCTGCTCACTTGTTGGGCGATATGTGGGGACGC TTTTGGACCAACTTGATTCCCTTACGGTACCGTTCGGCCAGAAACCAATATCGACGTGACAG ACGCAATGGTGGATCAAGCATGGGATGCGCAACGAATCTTCAAGGAGGCAGAAAAATTTTTCGT TTCAGTTGGACTCCCAAACATGACGCAGGGTTTCTGGGAGAACTCAATGTTGACAGATCCAGGT AATGTGCAGAAAGCGGTTTGCCACCCTACTGCATGGGATCTTGGTAAAGGGGACTTCCGCATAC TCATGTGTACGAAAGTAACTATGGACGACTTTCTTACTGCGCACCACGAGATGGGGCACATACA ATACGATATGGCGTACGCAGCTCAACCTTTCCTTCTGCGGAACGGGGCGAATGAAGGATTTTAC GAGGCAGTGGGTGAGATTATGTCCCTGTCAGCTGCCACTCCGAAACATCTGAAAAGCATCGGCC TGTTGAGCCCAGACTTCCAAGAAGATAATGAGACCGAAATAAACTTCTTCTGAAGCAAGCACT GACTATTGTAGGTACCTTGCCCTTTACATACATGCTGGAGAAGTGGAGGTGGATGGTATTTAAG GGGGAGATACCGAAAGATCAATGGATGAAAAAGTGGTGGGAAATGAAAAGGGAGATCGTTGGCG TAGTTGAACCAGTACCGCATGATGAGACGTACTGCGATCCGGCTAGTCTGTTCCATGTCTCTAA TGATTACTCTTTCATCCGCTACTACACCCGCACGCTGTATCAATTCCAGTTCCAAGAAGCTCTC TGTCAGGCTGCCAAGCACGAAGGACCGCTGCACAAATGCGACATTAGCAATTCTACAGAGGCGG GTCAGAAGTTGTTCAATATGCTTAGACTGGGGAAGAGCGAACCGTGGACGCTCGCTTTGGAGAA CGTTGTTGGAGCTAAGAATATGAACGTCAGGCCCTTGCTGAATTACTTTGAACCTCTGTTTACG TGGTTGAAAGACCAAAAATAAAAACCTCCTTTGTTGGGTGGAGTACTGACTGGTCCCCCTATGCG</p>
118	<p>CAATCTACCATCGAAGAGCAGGCCAAAACATTCCTCGACAAGTTTAATGTCGAGGCTGAAGACC TTTTCTACCAATCAAGTCTGGCTAGCTGGAATTACAATACAAACATTACAGAGGAGAACGTACA AAACATGAATAACGCAGGGGACAAGTGGAGCGCATTCTTAAGGAACAAAGTACCCTTGCGCAA ATGTATCCGCTGCAAGAGATTCAACAACCTGACGGTTAAGCTGCAACTTCAGGCCCTCCAACAAA ATGGATCCTCAGTCTTGTGAGAAGACAAAAGCAAGCGACTGAACACCATCCTTAACACCATGTC AACCATATATTCAACAGGTAAAGTTTGCAATCCGGATAACCCCAAGAATGTTTGCTTCTTGAA CCCGGTCTCAACGAAATTATGGCCAACAGTCTTGATTACAACGAGCGATTGTGGGCATGGGAAA GTTGGAGGAGTGGGTAGGCAAACAGTTGAGACCTCTTTATGAAGAGTACGTTGTCCTTAAAAA TGAAATGGCTCGCGCGAATCATTATGAAGACTATGGTGACTACTGGAGGGGGGATTATGAGGTG AACGGGGTGGACGGATACGATTACTCTAGGGGCCAGCTGATAGAGGATGTCGAGCACACCTTTG AGGAGATTAAGCCGTTGTACGAACATTTGCACGCCTATGTCAGGGCTAAGCTCATGAACGCTTA</p>

	<p>TCCGAGTTATATCTCCCCGATAGGATGCTTGCCTGCTCACTTGTTGGGCGATATGTGGGGACGC TTTTGGACCAACTTGTATTCCCTTACGGTACCGTTCGGCCAGAAACCAAATATCGACGTGACAG ACGCAATGGTGGATCAAGCATGGGATGCGCAACGAATCTTCAAGGAGGCAGAAAAATTTTTCGT TTCAGTTGGACTCCCAAACATGACGCAGGGTTTCTGGGAGAACTCAATGTTGACAGATCCAGGT AATGTGCAGAAAGCGGTTTGGCCACCCTACTGCATGGGATCTTGGTAAAGGGGACTTCCGCATAC TCATGTGTACGAAAGTAACTATGGACGACTTTCTTACTGCGCACAACGAGATGGGGAACATACA ATACGATATGGCGTACGCAGCTCAACCTTTCCTTCTGCGGAACGGGGCGAATGAAGGATTTTAC GAGGCAGTGGGTGAGATTATGTCCCTGTCAGCTGCCACTCCGAAACATCTGAAAAGCATCGGCC TGTTGAGCCCAGACTTCCAAGAAGATAATGAGACCGAAATAAACTTCTTCTGAAGCAAGCACT GACTATTGTAGGTACCTTGCCCTTTACATACATGCTGGAGAAGTGGAGGTGGATGGTATTTAAG GGGGAGATACCGAAAGATCAATGGATGAAAAAGTGGTGGGAAATGAAAAGGGAGATCGTTGGCG TAGTTGAACCAGTACCGCATGATGAGACGTACTGCGATCCGGCTAGTCTGTTCCATGTCTCTAA TGATTACTTTTTATCCGCTACTACACCCGCACGCTGTATCAATTCCAGTTCCAAGAAGCTCTC TGTCAGGCTGCCAAGCACGAAGGACCGCTGCACAAATGCGACATTAGCAATTCTACAGAGGCGG GTCAGAAGTTGTTCAATATGCTTAGACTGGGGAAGAGCGAACCCTGGACGCTCGCTTTGGAGAA CGTTGTTGGAGCTAAGAATATGAACGTCAGGCCCTTGTGAATTACTTTGAACCTCTGTTTACG TGTTTGAAGACCAAATAAAAACTCCTTTGTTGGGTGGAGTACTGACTGGTCCCCCTATGCC</p>
278	<p>CAATCTACCATCGAAGAGCAGGCCAAAACATTCTCGACAAGTTTAATGTCGAGGCTGAAGACC TTTTCTACCAATCAAGTCTGGCTAGCTGGAATTACAATACAAACATTACAGAGGAGAACGTACA AAACATGAATAACGCAGGGGACAAGTGGAGCGCATTCTTAAGGAACAAAGTACCCTTGCGCAA ATGTATCCGCTGCAAGAGATTCAACAACCTGACGGTTAAGCTGCAACTTCAGGCCCTCCAACAAA ATGGATCCTCAGTCTTGTGAGAAGACAAAAGCAAGCGACTGAACACCATCCTTAACACCATGTC AACCATATATTCAACAGGTAAAGTTTGAATCCGGATAACCCCAAGAATGTTTGCTTCTTGAA CCCGGTCTCAACGAAATTATGGCCAACAGTCTTGATTACAACGAGCGATTGTGGGCATGGGAAA GTTGGAGGAGTGGGTAGGCAAACAGTTGAGACCTCTTTATGAAGAGTACGTTGTCCTTAAAAA TGAAATGGCTCGCGCGAATCATTATGAAGACTATGGTACTACTGGAGGGGGGATTATGAGGTG AACGGGGTGGACGGATACGATTACTCTAGGGGCCAGCTGATAGAGGATGTCGAGCACACCTTTG AGGAGATTAAGCCGTTGTACGAACATTTGCACGCCTATGTCAGGGCTAAGCTCATGAACGCTTA TCCGAGTTATATCTCCCCGATAGGATGCTTGCCTGCTCACTTGTTGGGCGATATGTGGGGACGC TTTTGGACCAACTTGTATTCCCTTACGGTACCGTTCGGCCAGAAACCAAATATCGACGTGACAG ACGCAATGGTGGATCAAGCATGGGATGCGCAACGAATCTTCAAGGAGGCAGAAAAATTTTTCGT TTCAGTTGGACTCCCAAACATGACGCAGGGTTTCTGGGAGAACTCAATGTTGACAGATCCAGGT AATGTGCAGAAAGCGGTTTGGCCACCCTACTGCATGGGATCTTGGTAAAGGGGACTTCCGCATAC TCATGTGTACGAAAGTAACTATGGACGACTTTCTTACTGCGCACCACGAGATGGGGCACATACA ATACGATATGGCGTACGCAGCTCAACCTTTCCTTCTGCGGAACGGGGCGAATGAAGGATTTTAC GAGGCAGTGGGTGAGATTATGTCCCTGTCAGCTGCCACTCCGAAACATCTGAAAAGCATCGGCC TGTTGAGCCCAGACTTCCAAGAAGATAATGAGACCGAAATAAACTTCTTCTGAAGCAAGCACT GACTATTGTAGGTACCTTGCCCTTTACATACATGCTGGAGAAGTGGAGGTGGATGGTATTTAAG GGGGAGATACCGAAAGATCAATGGATGAAAAAGTGGTGGGAAATGAAAAGGGAGATCGTTGGCG TAGTTGAACCAGTACCGCATGATGAGACGTACTGCGATCCGGCTAGTCTGTTCCATGTCTCTAA TGATTACTTTTTATCCGCTACTACACCCGCACGCTGTATCAATTCCAGTTCCAAGAAGCTCTC TGTCAGGCTGCCAAGCACGAAGGACCGCTGCACAAATGCGACATTAGCAATTCTACAGAGGCGG GTCAGAAGTTGTTCAATATGCTTAGACTGGGGAAGAGCGAACCCTGGACGCTCGCTTTGGAGAA CGTTGTTGGAGCTAAGAATATGAACGTCAGGCCCTTGTGAATTACTTTGAACCTCTGTTTACG TGTTTGAAGACCAAATAAAAACTCCTTTGTTGGGTGGAGTACTGACTGGTCCCCCTATGCC</p>
292	<p>CAATCTACCATCGAAGAGCAGGCCAAAACATTCTCGACAAGTTTAATGTCGAGGCTGAAGACC TTTTCTACCAATCAAGTCTGGCTAGCTGGAATTACAATACAAACATTACAGAGGAGAACGTACA</p>

	AAACATGAATAACGCAGGGGACAAGTGGAGCGCATTCCCTTAAGGAACAAAGTACCCTTGCGCAA ATGTATCCGCTGCAAGAGATTCAACAACCTGACGGTTAAGCTGCAACTTCAGGCCCTCCAACAAA ATGGATCCTCAGTCTTGTGAGAAGACAAAAGCAAGCGACTGAACACCATCCTTAACACCATGTC AACCATATATTCAACAGGTAAAGTTTGCAATCCGGATAACCCCAAGAATGTTTGCTTCTTGAA CCCGGTCTCAACGAAATTATGGCCAACAGTCTTGATTACAACGAGCGATTGTGGGCATGGGAAA GTTGGAGGAGTGAGGTAGGCAAACAGTTGAGACCTCTTTATGAAGAGTACGTTGTCCTTAAAAA TGAAATGGCTCGCGCGAATCATTATGAAGACTATGGTGACTACTGGAGGGGGGATTATGAGGTG AACGGGGTGGACGGATACGATTACTCTAGGGGCCAGCTGATAGAGGATGTCGAGCACACCTTTG AGGAGATTAAGCCGTTGTACGAACATTTGCACGCCTATGTCAGGGCTAAGCTCATGAACGCTTA TCCGAGTTATATCTCCCCGATAGGATGCTTGCCTGCTCACTTGTTGGGCGATATGTGGGGACGC TTTTGGACCAACTTGTATTCCCTTACGGTACCGTTCGGCCAGAAACCAATATCGACGTGACAG ACGCAATGGTGGATCAAGCATGGGATGCGCAACGAATCTTCAAGGAGGCAGAAAAATTTTTTCGT TTCAGTTGGACTCCCAAACATGACGCAGGGTTTCTGGGAGAACTCAATGTTGACAGATCCAGGT AATGTGCAGAAAGCGGTTTGCCACCCTACTGCATGGGATCTTGGTAAAGGGGACTTCCGCATAC TCATGTGTACGAAAGTAACTATGGACGACTTTCTTACTGCGCACCACGAGATGGGGCACATACA ATACGATATGGCGTACGCAGCTCAACCTTCTCTTCTGCGGAACGGGGCGAATGAAGGATTTTAC GAGGCAGTGGGTGAGATTATGTCCCTGTGAGTGCCTACTCCGAAACATCTGAAAAGCATCGGCC TGTTGAGCCCAGACTTCCAAGAAGATAATGAGACCGAAATAAACTTCTTCTGAAGCAAGCACT GACTATTGTAGGTACCTTGCCCTTACATACATGCTGGAGAAGTGGAGGTGGATGGTATTTAAG GGGAGATACCGAAAGATCAATGGATGAAAAAGTGGTGGGAAATGAAAAGGGAGATCGTTGGCG TAGTTGAACCAGTACCGCATGATGAGACGTACTGCGATCCGGCTAGTCTGTTCCATGTCTCTAA TGATTACTCTTTCATCCGCTACTACACCCGCACGCTGTATCAATTCCAGTTCCAAGAAGCTCTC TGTCAGGCTGCCAAGCACGAAGGACCGCTGCACAAATGCGACATTAGCAATTCTACAGAGGCGG GTCAGAAGTTGTTCAATATGCTTAGACTGGGAAGAGCGAACCCTGGACGCTCGCTTTGGAGAA CGTTGTTGGAGCTAAGAATATGAACGTCAGGCCCTTGTGAATTACTTTGAACCTCTGTTTACG TGGTTGAAAGACCAAAATAAAAACTCCTTTGTTGGGTGGAGTACTGACTGGTCCCCCTATGCGG ACCAAAGCATCAAAGTGAGGATAAGCCTAAAATCAGCTCTTGGAGATAAAGCATATGAATGGAA CGACAATGAAATGTACCTGTTCCGATCATCTGTTGCATATGCTATGAGGCAGTACTTTTTAAAA GTA AAAAATCAGATGATTCTTTTTGGGGAGGAGGATGTGCGAGTGGCTAATTTGAAACCAAGAA TCTCCTTTAATTTCTTTGTCACTGCACCTAAAAATGTGTCTGATATCATTCTAGAACTGAAGT TGAAAAGGCCATCAGGATGTCCCGGAGCCGTATCAATGATGCTTTCCTGTGAATGACAACAGC CTAGAGTTTCTGGGGATACAGCCAACACTTGGACCTCCTAACCAGCCCCCTGTTTTCC
310	CAATCTACCATCGAAGAGCAGGTTAAATATTTCCCTCGACAAGTTTAATGCTGAGGCTGAAGACC TTGATTACCAATCAAGTCTGGCTAGCTGGAATTACAATACAAACATTACAGAGGAGAACGTACA AAACATGAATAACGCAGGGGACAAGTGGAGCGCATTCCCTTAAGGAACAAAGTACCCTTGCGCAA ATGTATCCGCTGCAAGAGATTCAAAACCTGACGGTTAAGCTGCAACTTCAGGCCCTCCAACAAA ATGGATCCTCAGTCTTGTGAGAAGACAAAAGCAAGCGACTGAACACCATCCTTAACACCATGTC AACCATATATTCAACAGGTAAAGTTTGCAATCCGGATAACCCCAAGAATGTTTGCTTCTTGAA CCCGGTCTCAACGAAATTATGGCCAACAGTCTTGATTACAACGAGCGATTGTGGGCATGGGAAA GTTGGAGGAGTGAGGTAGGCAAACAGTTGAGACCTCTTTATGAAGAGTACGTTGTCCTTAAAAA TGAAATGGCTCGCGCGAATCATTATGAAGACTATGGTGACTACTGGAGGGGGGATTATGAGGTG AACGGGGTGGACGGATACGATTACTCTAGGGGCCAGCTGATAGAGGATGTCGAGCACACCTTTG AGGAGATTAAGCCGTTGTACGAACATTTGCACGCCTATGTCAGGGCTAAGCTCATGAACGCTTA TCCGAGTTATATCTCCCCGATAGGATGCTTGCCTGCTCACTTGTTGGGCGATATGTGGGGACGC TTTTGGACCAACTTGTATTCCCTTACGGTACCGTTCGGCCAGAAACCAATATCGACGTGACAG ACGCAATGGTGGATCAAGCATGGGATGCGCAACGAATCTTCAAGGAGGCAGAAAAATTTTTTCGT TTCAGTTGGACTCCCAAACATGACGCAGGGTTTCTGGGAGAACTCAATGTTGACAGATCCAGGT

	<p>AATGTGCAGAAAGCGGTTTGCCTCCCTACTGCATGGGATCTTGGTAAAGGGGACTTCCGCATAC TCATGTGTACGAAAGTAACTATGGACGACTTTCTTACTGCGCACCACGAGATGGGGCACATACA ATACGATATGGCGTACGCAGCTCAACCTTTCTTCTGCGGAACGGGGCGAATGAAGGATTTAC GAGGCAGTGGGTGAGATTATGTCCCTGTCAGCTGCCACTCCGAAACATCTGAAAAGCATCGGCC TGTTGAGCCCAGACTTCCAAGAAGATAATGAGACCGAAATAAACTTCCCTTCTGAAGCAAGCACT GACTATTGTAGGTACCTTGCCCTTTACATACATGCTGGAGAAGTGGAGGTGGATGGTATTTAAG GGGGAGATACCGAAAGATCAATGGATGAAAAAGTGGTGGGAAATGAAAAGGGAGATCGTTGGCG TAGTTGAACCAGTACCGCATGATGAGACGTACTGCGATCCGGCTAGTCTGTTCCATGTCTCTAA TGATTACTCTTTCATCCGCTACTACACCCGCACGCTGTATCAATTCCAGTTCCAAGAAGCTCTC TGTCAGGCTGCCAAGCACGAAGGACCGCTGCACAAATGCGACATTAGCAATTCTACAGAGGCGG GTCAGAAGTTGTTCAATATGCTTAGACTGGGGAAGAGCGAACCCTGGACGCTCGCTTTGGAGAA CGTTGTTGGAGCTAAGAATATGAACGTCAGGCCCTTGCTGAATTACTTTGAACCTCTGTTTACG TGGTTGAAAGACCAAAAATAAAAACCTCTTTGTTGGGTGGAGTACTGACTGGTCCCCCTATGCGG ACCAAAGCATCAAAGTGAGGATAAGCCTAAAATCAGCTCTTGGAGATAAAGCATATGAATGGAA CGACAATGAAATGTACCTGTTCCGATCATCTGTTGCATATGCTATGAGGCAGTACTTTTTTAAAA GTA AAAAATCAGATGATTCTTTTTGGGGAGGAGGATGTGCGAGTGGCTAATTTGAAACCAAGAA TCTCCTTTAATTTCTTTGTCACTGCACCTAAAATGTGTCTGATATCATTCTAGAACTGAAGT TGAAAAGGCCATCAGGATGTCCCGGAGCCGTATCAATGATGCTTTCGCTGAATGACAACAGC CTAGAGTTTCTGGGGATACAGCCAACACTTGGACCTCCTAACCAGCCCCCTGTTTCC</p>
311	<p>CAATCTACCATCGAAGAGCAGGCCAAAACATTCCTCGACTATTTTAATCACGAGGCTGAAGACC TTTTCTACCAATCAAGTCTGGCTAGCTGGAATTACAATACAAACATTACAGAGGAGAACGTACA AAACATGAATAACGCAGGGGACAAGGTTAGCGCATTCCCTTAAGGAACAAAGTACCACTGCGCAA ATGTATCCGCTGCAAGAGATTCAAACCCAACGGTTAAGCTGCAACTTCAGGCCCTCCAACAAA ATGGATCCTCAGTCTTGTGAGAAGACAAAAGCAAGCGACTGAACACCATCCTTAACACCATGTC AACCATATATTCAACAGGTAAAGTTTGAATCCGGATAACCCCAAGAATGTTTGCTTCTTGAA CCCGGTCTCAACGAAATTATGGCCAACAGTCTTGATTACAACGAGCGATTGTGGGCATGGGAAA GTTGGAGGAGTGAGGTAGGCAAACAGTTGAGACCTCTTTATGAAGAGTACGTTGTCCTTAAAAA TGAAATGGCTCGCGCGAATCATTATGAAGACTATGGTGACTACTGGAGGGGGGATTATGAGGTG AACGGGTGGACGGATACGATTACTCTAGGGGCCAGCTGATAGAGGATGTCGAGCACACCTTGG AGGAGATTAAGCCGTTGTACGAACATTTGCACGCCTATGTCAGGGCTAAGCTCATGAACGCTTA TCCGAGTTATATCTCCCCGATAGGATGCTTGCCTGCTCACTTGTTGGGCGATATGTGGGGACGC TTTTGGACCAACTTGATTCCCTTACGGTACCGTTCCGCCAGAAACCAATATCGACGTGACAG ACGCAATGGTGGATCAAGCATGGGATGCGCAACGAATCTTCAAGGAGGCAGAAAAATTTTTCGT TTCAGTTGGACTCCCAAACATGACGCAGGGTTTCTGGGAGAACTCAATGTTGACAGATCCAGGT AATGTGCAGAAAGCGGTTTGCCTCCCTACTGCATGGGATCTTGGTAAAGGGGACTTCCGCATAC TCATGTGTACGAAAGTAACTATGGACGACTTTCTTACTGCGCACCACGAGATGGGGCACATACA ATACGATATGGCGTACGCAGCTCAACCTTTCTTCTGCGGAACGGGGCGAATGAAGGATTTAC GAGGCAGTGGGTGAGATTATGTCCCTGTCAGCTGCCACTCCGAAACATCTGAAAAGCATCGGCC TGTTGAGCCCAGACTTCCAAGAAGATAATGAGACCGAAATAAACTTCCCTTCTGAAGCAAGCACT GACTATTGTAGGTACCTTGCCCTTTACATACATGCTGGAGAAGTGGAGGTGGATGGTATTTAAG GGGGAGATACCGAAAGATCAATGGATGAAAAAGTGGTGGGAAATGAAAAGGGAGATCGTTGGCG TAGTTGAACCAGTACCGCATGATGAGACGTACTGCGATCCGGCTAGTCTGTTCCATGTCTCTAA TGATTACTCTTTCATCCGCTACTACACCCGCACGCTGTATCAATTCCAGTTCCAAGAAGCTCTC TGTCAGGCTGCCAAGCACGAAGGACCGCTGCACAAATGCGACATTAGCAATTCTACAGAGGCGG GTCAGAAGTTGTTCAATATGCTTAGACTGGGGAAGAGCGAACCCTGGACGCTCGCTTTGGAGAA CGTTGTTGGAGCTAAGAATATGAACGTCAGGCCCTTGCTGAATTACTTTGAACCTCTGTTTACG TGGTTGAAAGACCAAAAATAAAAACCTCTTTGTTGGGTGGAGTACTGACTGGTCCCCCTATGCGG</p>

	<p>ACCAAAGCATCAAAGTGAGGATAAGCCTAAAATCAGCTCTTGGAGATAAAGCATATGAATGGAA CGACAATGAAATGTACCTGTTCCGATCATCTGTTGCATATGCTATGAGGCAGTACTTTTTAAAA GTAAAAAATCAGATGATTCTTTTTGGGGAGGAGGATGTGCGAGTGGCTAATTTGAAACCAAGAA TCTCCTTTAATTTCTTTGTCACTGCACCTAAAAATGTGTCTGATATCATTCTAGAACTGAAGT TGAAAAGGCCATCAGGATGTCCCGGAGCCGTATCAATGATGCTTTCCGTCTGAATGACAACAGC CTAGAGTTTCTGGGGATACAGCCAACACTTGGACCTCCTAACCAGCCCCCTGTTTCC</p>
312	<p>CAATCTACCATCGAAGAGCAGGCCAAAATATTTCTCGACAAGTTTAATGCTGAGGCTGAAGACC TTTTCTACCAATCAAGTCTGGCTAGCTGGAATTACAATACAAACATTACAGAGGAGAACGTACA AAACATGAATAACGCAGGGGACAAGTGGAGCGCATTCTTAAGGAACAAAGTACCCTTGCGCAA ATGTATCCGCTGCAAGAGATTCAACAACCTGACGGTTAAGCTGCAACTTCAGGCCCTCCAACAAA ATGGATCCTCAGTCTTGTGAGAAGACAAAAGCAAGCGACTGAACACCATCCTTAACACCATGTC AACCATATATTCAACAGGTAAAGTTTGCAATCCGGATAACCCCAAGAATGTTTGCTTCTTGAA CCCGGTCTCAACGAAATTATGGCCAACAGTCTTGATTACAACGAGCGATTGTGGGCATGGGAAA GTTGGAGGAGTGAGGTAGGCCAAACAGTTGAGACCTCTTTATGAAGAGTACGTTGTCCTTAAAAA TGAAATGGCTCGCGCGAATCATTATGAAGACTATGGTGACTACTGGAGGGGGGATTATGAGGTG AACGGGGTGGACGGATACGATTACTCTAGGGGCCAGCTGATAGAGGATGTCGAGCACACCTTTG AGGAGATTAAGCCGTTGTACGAACATTTGCACGCCTATGTCAGGGCTAAGCTCATGAACGCTTA TCCGAGTTATATCTCCCCGATAGGATGCTTGCCTGCTCACTTGTTGGGCGATATGTGGGGACGC TTTTGGACCAACTTGTATTCCCTTACGGTACCGTTCGGCCAGAAACCAATATCGACGTGACAG ACGCAATGGTGGATCAAGCATGGGATGCGCAACGAATCTTCAAGGAGGCAGAAAAATTTTTCGT TTCAGTTGGACTCCCAAACATGACGCAGGGTTTCTGGGAGAACTCAATGTTGACAGATCCAGGT AATGTGCAGAAAGCGGTTTGCCTCCCTACTGCATGGGATCTTGGTAAAGGGGACTTCCGCATAC TCATGTGTACGAAAGTAACTATGGACGACTTTCTTACTGCGCACCACGAGATGGGGCACATACA ATACGATATGGCGTACGCAGCTCAACCTTCTCTTCTGCGGAACGGGGCGAATGAAGGATTTTAC GAGGCAGTGGGTGAGATTATGTCCCTGTCAGCTGCCACTCCGAAACATCTGAAAAGCATCGGCC TGTTGAGCCCAGACTTCCAAGAAGATAATGAGACCGAAATAAACTTCTTCTGAAGCAAGCACT GACTATTGTAGGTACCTTGCCCTTACATACATGCTGGAGAAGTGGAGGTGGATGGTATTTAAG GGGGAGATACCGAAAGATCAATGGATGAAAAAGTGGTGGGAAATGAAAAGGGAGATCGTTGGCG TAGTTGAACCAGTACCGCATGATGAGACGTACTGCGATCCGGCTAGTCTGTTCCATGTCTCTAA TGATTACTCTTTCATCCGCTACTACACCCGCACGCTGTATCAATTCCAGTTCCAAGAAGCTCTC TGTCAGGCTGCCAAGCACGAAGGACCGCTGCACAAATGCGACATTAGCAATTCTACAGAGGCGG GTCAGAAGTTGTTCAATATGCTTAGACTGGGGAAGAGCGAACCCTGGACGCTCGCTTTGGAGAA CGTTGTTGGAGCTAAGAATATGAACGTCAGGCCCTTGTGAATTACTTTGAACCTCTGTTTACG TGGTTGAAAGACCAAAAATAAAAACCTCTTTGTTGGGTGGAGTACTGACTGGTCCCCCTATGCGG ACCAAAGCATCAAAGTGAGGATAAGCCTAAAATCAGCTCTTGGAGATAAAGCATATGAATGGAA CGACAATGAAATGTACCTGTTCCGATCATCTGTTGCATATGCTATGAGGCAGTACTTTTTAAAA GTAAAAAATCAGATGATTCTTTTTGGGGAGGAGGATGTGCGAGTGGCTAATTTGAAACCAAGAA TCTCCTTTAATTTCTTTGTCACTGCACCTAAAAATGTGTCTGATATCATTCTAGAACTGAAGT TGAAAAGGCCATCAGGATGTCCCGGAGCCGTATCAATGATGCTTTCCGTCTGAATGACAACAGC CTAGAGTTTCTGGGGATACAGCCAACACTTGGACCTCCTAACCAGCCCCCTGTTTCC</p>
313	<p>CAATCTACCATCGAAGAGCAGGCCAAAACATTCTCGACTTCTTTGATAGCCAGGCTGAAGACC TTTTCTACCAATCAAGTCTGGCTAGCTGGAATTACAATACAAACATTACAGAGGAGAACGTACA AAACATGAATAACGCAGGGGACAAGTGGAGCGCATTCTTAAGGAACAAAGTACCCTTGCGCAA ATGTATCCGCTGCAAGAGATTCAAAACCTGACGGTTAAGCTGCAACTTCAGGCCCTCCAACAAA ATGGATCCTCAGTCTTGTGAGAAGACAAAAGCAAGCGACTGAACACCATCCTTAACACCATGTC AACCATATATTCAACAGGTAAAGTTTGCAATCCGGATAACCCCAAGAATGTTTGCTTCTTGAA CCCGGTCTCAACGAAATTATGGCCAACAGTCTTGATTACAACGAGCGATTGTGGGCATGGGAAA</p>

	<p>GTTGGAGGAGTGAGGTAGGCAAACAGTTGAGACCTCTTTATGAAGAGTACGTTGTCCTTAAAAA TGAAATGGCTCGCGCGAATCATTATGAAGACTATGGTGACTACTGGAGGGGGGATTATGAGGTG AACGGGGTGGACGGATACGATTACTCTAGGGGCCAGCTGATAGAGGATGTCGAGCACACCTTTG AGGAGATTAAGCCGTTGTACGAACATTTGCACGCCTATGTCAGGGCTAAGCTCATGAACGCTTA TCCGAGTTATATCTCCCCGATAGGATGCTTGCCTGCTCACTTGTGGGGCGATATGTGGGGACGC TTTTGGACCAACTTGATTCCCTTACGGTACCGTTCGGCCAGAAACCAATATCGACGTGACAG ACGCAATGGTGGATCAAGCATGGGATGCGCAACGAATCTTCAAGGAGGCAGAAAAATTTTTTCGT TTCAGTTGGACTCCCAAACATGACGCAGGGTTTCTGGGAGAACTCAATGTTGACAGATCCAGGT AATGTGCAGAAAGCGGTTTGCCTCCCTACTGCATGGGATCTTGGTAAAGGGGACTTCCGCATAC TCATGTGTACGAAAGTAACTATGGACGACTTTCTTACTGCGCACCACGAGATGGGGCACATACA ATACGATATGGCGTACGCAGCTCAACCTTTCCTTCTGCGGAACGGGGCGAATGAAGGATTTTAC GAGGCAGTGGGTGAGATTATGTCCCTGTCAGCTGCCACTCCGAAACATCTGAAAAGCATCGGCC TGTTGAGCCCAGACTTCCAAGAAGATAATGAGACCGAAATAAATTCCTTCTGAAGCAAGCACT GACTATTGTAGGTACCTTGCCCTTTACATACATGCTGGAGAAGTGGAGGTGGATGGTATTTAAG GGGGAGATAACCGAAAGATCAATGGATGAAAAAGTGGTGGGAAATGAAAAGGGAGATCGTTGGCG TAGTTGAACCAGTACCGCATGATGAGACGTACTGCGATCCGGCTAGTCTGTTCCATGTCTCTAA TGATTACTCTTTCATCCGCTACTACACCCGCACGCTGTATCAATTCCAGTTCCAAGAAGCTCTC TGTCAGGCTGCCAAGCACGAAGGACCGCTGCACAAATGCGACATTAGCAATTCTACAGAGGCGG GTCAGAAGTTGTTCAATATGCTTAGACTGGGGAAGAGCGAACCGTGGACGCTCGCTTTGGAGAA CGTTGTTGGAGCTAAGAATATGAACGTCAGGCCCTTGCTGAATTACTTTGAACCTCTGTTTACG TGGTTGAAAGACCAAAATAAAAATCCTTTGTTGGGTGGAGTACTGACTGGTCCCCCTATGCGG ACCAAAGCATCAAAGTGAGGATAAGCCTAAAATCAGCTCTTGGAGATAAAGCATATGAATGGAA CGACAATGAAATGTACCTGTTCCGATCATCTGTTGCATATGCTATGAGGCAGTACTTTTTTAAAA GTAAAAAATCAGATGATTCTTTTTGGGGAGGAGGATGTGCGAGTGGCTAATTTGAAACCAAGAA TCTCCTTTAATTTCTTTGTCACTGCACCTAAAATGTGTCTGATATCATTCTAGAACTGAAGT TGAAAAGGCCATCAGGATGTCCCGGAGCCGTATCAATGATGCTTTCCTGCTGAATGACAACAGC CTAGAGTTTCTGGGGATACAGCCAACACTTGGACCTCCTAACCAGCCCCCTGTTTCC</p>
353	<p>CAATCTACCATCGAAGAGCAGGCCAAAGCATTCTCGACTTCTTTGATAGCCAGGCTGAAGACC TTTTCTACCAATCAAGTCTGGCTAGCTGGAATTACAATACAAACATTACAGAGGAGAACGTACA AGACATGAATAACGCAGGGGACAGGTGGAGCGCATTCTTAAGGAACAAAGTACCCCTGCGCAA ATGTATCCGCTGCAAGAGATTCAAACCTGACGGTTAAGCTGCAACTTCAGGCCCTCCAACAAA ATGGATCCTCAGTCTTGTGAGAAGACAAAAGCAAGCGACTGAACACCATCCTTAACACCATGTC AACCATATATTCAACAGGTAAAGTTTGAATCCGGATAACCCCAAGAATGTTTGCTTCTTGAA CCCGGTCTCAACGAAATTATGGCCAACAGTCTTGATTACAACGAGCGATTGTGGGCATGGGAAA GTTGGAGGAGTGAGGTAGGCAAACAGTTGAGACCTCTTTATGAAGAGTACGTTGTCCTTAAAAA TGAAATGGCTCGCGCGAATCATTATGAAGACTATGGTGACTACTGGAGGGGGGATTATGAGGTG AACGGGGTGGACGGATACGATTACTCTAGGGGCCAGCTGATAGAGGATGTCGAGCACACCTTTG AGGAGATTAAGCCGTTGTACGAACATTTGCACGCCTATGTCAGGGCTAAGCTCATGAACGCTTA TCCGAGTTATATCTCCCCGATAGGATGCTTGCCTGCTCACTTGTGGGGCGATATGTGGGGACGC TTTTGGACCAACTTGATTCCCTTACGGTACCGTTCGGCCAGAAACCAATATCGACGTGACAG ACGCAATGGTGGATCAAGCATGGGATGCGCAACGAATCTTCAAGGAGGCAGAAAAATTTTTTCGT TTCAGTTGGACTCCCAAACATGACGCAGGGTTTCTGGGAGAACTCAATGTTGACAGATCCAGGT AATGTGCAGAAAGCGGTTTGCCTCCCTACTGCATGGGATCTTGGTAAAGGGGACTTCCGCATAC TCATGTGTACGAAAGTAACTATGGACGACTTTCTTACTGCGCACCACGAGATGGGGCACATACA ATACGATATGGCGTACGCAGCTCAACCTTTCCTTCTGCGGAACGGGGCGAATGAAGGATTTTAC GAGGCAGTGGGTGAGATTATGTCCCTGTCAGCTGCCACTCCGAAACATCTGAAAAGCATCGGCC TGTTGAGCCCAGACTTCCAAGAAGATAATGAGACCGAAATAAATTCCTTCTGAAGCAAGCACT</p>

	<p>GACTATTGTAGGTACCTTGCCCTTTACATACATGCTGGAGAAGTGGAGGTGGATGGTATTTAAG GGGGAGATACCGAAAGATCAATGGATGAAAAAGTGGTGGGAAATGAAAAGGGAGATCGTTGGCG TAGTTGAACCAGTACCGCATGATGAGACGTACTGCGATCCGGCTAGTCTGTTCCATGTCTCTAA TGATTACTCTTTCATCCGCTACTACACCCGCACGCTGTATCAATTCCAGTTCCAAGAAGCTCTC TGTCAGGCTGCCAAGCACGAAGGACCGCTGCACAAATGCGACATTAGCAATTCTACAGAGGCGG GTCAGAAGTTGTTCAATATGCTTAGACTGGGGAAGAGCGAACCCTGGACGCTCGCTTTGGAGAA CGTTGTTGGAGCTAAGAATATGAACGTCAGGCCCTTGTGAATTACTTTGAACCTCTGTTTACG TGGTTGAAAGACCAAATAAAAACTCCTTTGTTGGGTGGAGTACTGACTGGTCCCCCTATGCGG ACCAAAGCATCAAAGTGAGGATAAGCCTAAAATCAGCTCTTGGAGATAAAGCATATGAATGGAA CGACAATGAAATGTACCTGTTCCGATCATCTGTTGCATATGCTATGAGGCAGTACTTTTTAAAA GTA AAAAATCAGATGATTCTTTTTGGGGAGGAGGATGTGCGAGTGGCTAATTTGAAACCAAGAA TCTCCTTTAATTTCTTTGTCACTGCACCTAAAAATGTGTCTGATATCATTCTAGAACTGAAGT TGAAAAGGCCATCAGGATGTCCCGGAGCCGTATCAATGATGCTTCCGTCTGAATGACAACAGC CTAGAGTTTCTGGGGATACAGCCAACACTTGGACCTCCTAACCAGCCCCCTGTTTCC</p>
354	<p>CAATCTACCATCGAAGAGCAGGCCAAAACATTCTCGACTTCTTTGATGCCCAGGCTGAAGACC TTTTCTACCAATCAAGTCTGGCTAGCTGGGATTACAGTACAAGCATTACAGAGGGGAACGTGCA AAACATGAATGACGCAGGGGACAAGTGGAGCGCATTCTTAAGGAGCAAAGTACCCTTGCGCAA ATGTATCCGCTGCAAGAGATTCAAACCTGACGGTTAAGCTGCAACTTCAGGCCCTCCAGCAA ATGGATCCTCAGTCTTGTGAGAAGACAAAAGCAAGCGACTGAACACCATCCTTAACACCATGTC AACCATATATTCAACAGGTAAGTTTTGCAATCCGGATAACCCCAAGAATGTTTGCTTCTTGAA CCCGGTCTCAACGAAATTATGGCCAACAGTCTTGATTACAACGAGCGATTGTGGGCATGGGAAA GTTGGAGGAGTGAGGTAGGCAAACAGTTGAGACCTCTTTATGAAGAGTACGTTGTCCTTAAAAA TGAAATGGCTCGCGCGAATCATTATGAAGACTATGGTGACTACTGGAGGGGGGATTATGAGGTG AACGGGGTGGACGGATACGATTACTCTAGGGGCCAGCTGATAGAGGATGTCGAGCACACCTTTG AGGAGATTAAGCCGTTGTACGAACATTTGCACGCCTATGTCAGGGCTAAGCTCATGAACGCTTA TCCGAGTTATATCTCCCCGATAGGATGCTTGCCTGCTCACTTGTGGGCGATATGTGGGGACGC TTTTGGACCAACTTGTATTCCCTTACGGTACCGTTCGGCCAGAAACCAAATATCGACGTGACAG ACGCAATGGTGGATCAAGCATGGGATGCGCAACGAATCTTCAAGGAGGCAGAAAAATTTTTCGT TTCAGTTGGACTCCCAAACATGACGCAGGGTTTCTGGGAGA ACTCAATGTTGACAGATCCAGGT AATGTGCAGAAAGCGGTTTGCCTCCCTACTGCATGGGATCTTGGTAAAGGGGACTTCCGCATAC TCATGTGTACGAAAGTAACTATGGACGACTTTCTTACTGCGCACCACGAGATGGGGCACATACA ATACGATATGGCGTACGCAGCTCAACCTTTCTTCTGCGGAACGGGGCGAATGAAGGATTTTAC GAGGCAGTGGGTGAGATTATGTCCCTGTCAGCTGCCACTCCGAAACATCTGAAAAGCATCGGCC TGTTGAGCCCAGACTTCCAAGAAGATAATGAGACCGAAATAAACTTCTTCTGAAGCAAGCACT GACTATTGTAGGTACCTTGCCCTTTACATACATGCTGGAGAAGTGGAGGTGGATGGTATTTAAG GGGGAGATACCGAAAGATCAATGGATGAAAAAGTGGTGGGAAATGAAAAGGGAGATCGTTGGCG TAGTTGAACCAGTACCGCATGATGAGACGTACTGCGATCCGGCTAGTCTGTTCCATGTCTCTAA TGATTACTCTTTCATCCGCTACTACACCCGCACGCTGTATCAATTCCAGTTCCAAGAAGCTCTC TGTCAGGCTGCCAAGCACGAAGGACCGCTGCACAAATGCGACATTAGCAATTCTACAGAGGCGG GTCAGAAGTTGTTCAATATGCTTAGACTGGGGAAGAGCGAACCCTGGACGCTCGCTTTGGAGAA CGTTGTTGGAGCTAAGAATATGAACGTCAGGCCCTTGTGAATTACTTTGAACCTCTGTTTACG TGGTTGAAAGACCAAATAAAAACTCCTTTGTTGGGTGGAGTACTGACTGGTCCCCCTATGCGG ACCAAAGCATCAAAGTGAGGATAAGCCTAAAATCAGCTCTTGGAGATAAAGCATATGAATGGAA CGACAATGAAATGTACCTGTTCCGATCATCTGTTGCATATGCTATGAGGCAGTACTTTTTAAAA GTA AAAAATCAGATGATTCTTTTTGGGGAGGAGGATGTGCGAGTGGCTAATTTGAAACCAAGAA TCTCCTTTAATTTCTTTGTCACTGCACCTAAAAATGTGTCTGATATCATTCTAGAACTGAAGT</p>

	TGAAAAGGCCATCAGGATGTCCCGGAGCCGTATCAATGATGCTTTCCGTCTGAATGACAACAGCCTAGAGTTTCTGGGGATACAGCCAACACTTGGACCTCCTAACCAGCCCCCTGTTTCC
355	CAACCAACCATCGAAGAGCAGGCCAAAACATTTCCTCGACAAGTTTAAATCACGAGGCTGAAGACCTTTTCTACTTGTCAAGTCTGGCTAGCTGGAATTACAATACAAACATTACAGAGGAGAACGTACA AAACATGAATAACGCAGGGGACAAGTGGAGCGCATTTCCTTAAGGAACAAAGTACCACTGCGCAA ATGTATCCGCTGCAAGAGATTCAACAGCTGACGGTTAAGCTGCAACTTCAGGCCCTCCAACAAA ATGGATCCTCAGTCTTGTGAGAAGACAAAAGCAAGCGACTGAACACCATCCTTAACACCATGTC AACCATATATTCAACAGGTAAAGTTTGCAATCCGGATAACCCCAAGAATGTTTGCTTCTTGAA CCCGGTCTCAACGAAATTATGGCCAACAGTCTTGATTACAACGAGCGATTGTGGGCATGGGAAA GTTGGAGGAGTGAGGTAGGCAAACAGTTGAGACCTCTTTATGAAGAGTACGTTGTCCTTAAAAA TGAAATGGCTCGCGGAATCATTATGAAGACTATGGTGACTACTGGAGGGGGATTATGAGGTG AACGGGGTGGACGGATACGATTACTCTAGGGGCCAGCTGATAGAGGATGTCGAGCACACCTTTG AGGAGATTAAGCCGTTGTACGAACATTTGCACGCCTATGTCAGGGCTAAGCTCATGAACGCTTA TCCGAGTTATATCTCCCCGATAGGATGCTTGCCTGCTCACTTGTTGGGCGATATGTGGGGACGC TTTTGGACCAACTTGTATTCCCTTACGGTACCGTTCGGCCAGAAACCAATATCGACGTGACAG ACGCAATGGTGGATCAAGCATGGGATGCGCAACGAATCTTCAAGGAGGCAGAAAAATTTTTCGT TTCAGTTGGACTCCCAAACATGACGCAGGGTTTCTGGGAGAACTCAATGTTGACAGATCCAGGT AATGTGCAGAAAGCGGTTTGCCTCCCTACTGCATGGGATCTTGGTAAAGGGGACTTCCGCATAC TCATGTGTACGAAAGTAACTATGGACGACTTTCTTACTGCGCACCACGAGATGGGGCACATACA ATACGATATGGCGTACGCAGCTCAACCTTTCCTTCTGCGGAACGGGGCGAATGAAGGATTTAC GAGGCAGTGGGTGAGATTATGTCCCTGTCAGCTGCCACTCCGAAACATCTGAAAAGCATCGGCC TGTTGAGCCCAGACTTCCAAGAAGATAATGAGACCGAAATAAACTTCTTCTGAAGCAAGCACT GACTATTGTAGGTACCTTGCCCTTACATACATGCTGGAGAAGTGGAGGTGGATGGTATTTAAG GGGGAGATACCGAAAGATCAATGGATGAAAAAGTGGTGGGAAATGAAAAGGGAGATCGTTGGCG TAGTTGAACCAGTACCGCATGATGAGACGTACTGCGATCCGGCTAGTCTGTTCCATGTCTCTAA TGATTACTCTTTCATCCGCTACTACACCCGCACGCTGTATCAATTCCAGTTCCAAGAAGCTCTC TGTCAGGCTGCCAAGCACGAAGGACCGCTGCACAAATGCGACATTAGCAATTCTACAGAGGCGG GTCAGAAGTTGTTCAATATGCTTAGACTGGGGAAGAGCGAACCCTGGACGCTCGCTTTGGAGAA CGTTGTTGGAGCTAAGAATATGAACGTCAGGCCCTTGTGAATTACTTTGAACCTCTGTTTACG TGGTTGAAAGACCAAAAATAAAAACCTCTTTGTTGGGTGGAGTACTGACTGGTCCCCCTATGCGG ACCAAAGCATCAAAGTGAGGATAAGCCTAAAATCAGCTCTTGGAGATAAAGCATATGAATGGAA CGACAATGAAATGTACCTGTTCCGATCATCTGTTGCATATGCTATGAGGCAGTACTTTTTAAAA GTA AAAAATCAGATGATTCTTTTTGGGGAGGAGGATGTGCGAGTGGCTAATTTGAAACCAAGAA TCTCCTTTAATTTCTTTGTCACTGCACCTAAAATGTGTCTGATATCATTCTAGAACTGAAGT TGAAAAGGCCATCAGGATGTCCCGGAGCCGTATCAATGATGCTTTCCGTCTGAATGACAACAGC CTAGAGTTTCTGGGGATACAGCCAACACTTGGACCTCCTAACCAGCCCCCTGTTTCC
373	CGATCTACCATCGAAGAGCAGGCCAAAACATTTCCTCGACTTCTTTGATAGCCAGGCTGAAGACC TTTTCTACCAATCAAGTCTGGCAAGCTGGAATTACAACACAAACATTACAGAGGAGAACGTACA AAACATGAATAACGCAGGGGACAAGCGGAGCGCATTTCCTTAAGGAACGAAGTACCCTTGCGCAG ATGTATCCGCTGCAAGAGATTCAAAACCTGACGGTTAAGCTGCAACTTCAGGCCCTCCAACAAA ATGGATCCTCAGTCTTGTGAGAAGACAAAAGCAAGCGACTGAACACCATCCTTAACACCATGTC AACCATATATTCAACAGGTAAAGTTTGCAATCCGGATAACCCCAAGAATGTTTGCTTCTTGAA CCCGGTCTCAACGAAATTATGGCCAACAGTCTTGATTACAACGAGCGATTGTGGGCATGGGAAA GTTGGAGGAGTGAGGTAGGCAAACAGTTGAGACCTCTTTATGAAGAGTACGTTGTCCTTAAAAA TGAAATGGCTCGCGGAATCATTATGAAGACTATGGTGACTACTGGAGGGGGATTATGAGGTG AACGGGGTGGACGGATACGATTACTCTAGGGGCCAGCTGATAGAGGATGTCGAGCACACCTTTG AGGAGATTAAGCCGTTGTACGAACATTTGCACGCCTATGTCAGGGCTAAGCTCATGAACGCTTA

	<p>TCCGAGTTATATCTCCCCGATAGGATGCTTGCCTGCTCACTTGTTGGGCGATATGTGGGGACGC TTTTGGACCAACTTGTATTCCCTTACGGTACCGTTCGGCCAGAAACCAATATCGACGTGACAG ACGCAATGGTGGATCAAGCATGGGATGCGCAACGAATCTTCAAGGAGGCAGAAAAATTTTTCGT TTCAGTTGGACTCCCAAACATGACGCAGGGTTTCTGGGAGAACTCAATGTTGACAGATCCAGGT AATGTGCAGAAAGCGGTTTGCCTCCCTACTGCATGGGATCTTGGTAAAGGGGACTTCCGCATAC TCATGTGTACGAAAGTAACTATGGACGACTTTCTTACTGCGCACCACGAGATGGGGCACATACA ATACGATATGGCGTACGCAGCTCAACCTTTCCTTCTGCGGAACGGGGCGAATGAAGGATTTTCAC GAGGCAGTGGGTGAGATTATGTCCCTGTCAGCTGCCACTCCGAAACATCTGAAAAGCATCGGCC TGTTGAGCCCAGACTTCCAAGAAGATAATGAGACCGAAATAAACTTCTTCTGAAGCAAGCACT GACTATTGTAGGTACCTTGCCCTTACATACATGCTGGAGAAGTGGAGGTGGATGGTATTTAAG GGGGAGATACCGAAAGATCAATGGATGAAAAAGTGGTGGGAAATGAAAAGGGAGATCGTTGGCG TAGTTGAACCAGTACCGCATGATGAGACGTACTGCGATCCGGCTAGTCTGTTCCATGTCTCTAA TGATTACTTTTTCATCCGCTACTACACCCGCACGCTGTATCAATTCCAGTTCCAAGAAGCTCTC TGTCAGGCTGCCAAGCACGAAGGACCGCTGCACAAATGCGACATTAGCAATTCTACAGAGGCGG GTCAGAAGTTGTTCAATATGCTTAGACTGGGGAAGAGCGAACCCTGGACGCTCGCTTTGGAGAA CGTTGTTGGAGCTAAGAATATGAACGTCAGGCCCTTGTGAATTACTTTGAACCTCTGTTTACG TGGTTGAAAGACCAAAAATAAAAACCTCTTTGTTGGGTGGAGTACTGACTGGTCCCCCTATGCGG ACCAAAGCATCAAAGTGAGGATAAGCCTAAAATCAGCTCTTGGAGATAAAGCATATGAATGGAA CGACAATGAAATGTACCTGTTCCGATCATCTGTTGCATATGCTATGAGGCAGTACTTTTTAAAA GTAAAAAATCAGATGATTCTTTTTGGGGAGGAGGATGTGCGAGTGGCTAATTTGAAACCAAGAA TCTCCTTTAATTTCTTTGTCACTGCACCTAAAATGTGTCTGATATCATTCTAGAACTGAAGT TGAAAAGGCCATCAGGATGTCCCGGAGCCGTATCAATGATGCTTTCCTGCTGAATGACAACAGC CTAGAGTTTCTGGGGATACAGCCAACACTTGGACCTCCTAACCAGCCCCCTGTTTCC</p>
375	<p>CAACCTACCATCGAAGAGCAGGCCAAAACATTCCTCGACAAGTTTAGTGTCGAGGCTGAAGACC TTCTCTACCAATCAAGTCTGGCTAGCTGGGATTACAACACAAACATTACAGAGGAGAACGTACA AAACATGAATAACGCAGGGGACAAATGGAGCGCATTCTCAAGGAACAAAGTACCCTTGCGCAA ATGTATCCGCTGCAAGAGATTCAAACCTGACGGTTAAGCTGCAACTTCAGGCCCCCCAACAAA ATGGATCCTCAGTCTTGTGAGAAGACAAAAGCAAGCGACTGAACACCATCCTTAACACCATGTC AACCATATATTCAACAGGTAAAGTTTGCAATCCGGATAACCCCAAGAATGTTTGCTTCTTGAA CCCGGTCTCAACGAAATTATGGCCAACAGTCTTGATTACAACGAGCGATTGTGGGCATGGGAAA GTTGGAGGAGTGAGGTAGGCAAACAGTTGAGACCTCTTTATGAAGAGTACGTTGTCCTTAAAAA TGAAATGGCTCGCGCGAATCATTATGAAGACTATGGTGACTACTGGAGGGGGATTATGAGGTG AACGGGGTGGACGGATACGATTACTCTAGGGGCCAGCTGATAGAGGATGTCGAGCACACCTTG AGGAGATTAAGCCGTTGTACGAACATTTGCACGCCTATGTCAGGGCTAAGCTCATGAACGCTTA TCCGAGTTATATCTCCCCGATAGGATGCTTGCCTGCTCACTTGTTGGGCGATATGTGGGGACGC TTTTGGACCAACTTGTATTCCCTTACGGTACCGTTCGGCCAGAAACCAATATCGACGTGACAG ACGCAATGGTGGATCAAGCATGGGATGCGCAACGAATCTTCAAGGAGGCAGAAAAATTTTTCGT TTCAGTTGGACTCCCAAACATGACGCAGGGTTTCTGGGAGAACTCAATGTTGACAGATCCAGGT AATGTGCAGAAAGCGGTTTGCCTCCCTACTGCATGGGATCTTGGTAAAGGGGACTTCCGCATAC TCATGTGTACGAAAGTAACTATGGACGACTTTCTTACTGCGCACCACGAGATGGGGCACATACA ATACGATATGGCGTACGCAGCTCAACCTTTCCTTCTGCGGAACGGGGCGAATGAAGGATTTTCAC GAGGCAGTGGGTGAGATTATGTCCCTGTCAGCTGCCACTCCGAAACATCTGAAAAGCATCGGCC TGTTGAGCCCAGACTTCCAAGAAGATAATGAGACCGAAATAAACTTCTTCTGAAGCAAGCACT GACTATTGTAGGTACCTTGCCCTTACATACATGCTGGAGAAGTGGAGGTGGATGGTATTTAAG GGGGAGATACCGAAAGATCAATGGATGAAAAAGTGGTGGGAAATGAAAAGGGAGATCGTTGGCG TAGTTGAACCAGTACCGCATGATGAGACGTACTGCGATCCGGCTAGTCTGTTCCATGTCTCTAA TGATTACTTTTTCATCCGCTACTACACCCGCACGCTGTATCAATTCCAGTTCCAAGAAGCTCTC</p>

TGTCAGGCTGCCAAGCACGAAGGACCGCTGCACAAATGCGACATTAGCAATTCTACAGAGGCGG GTCAGAAGTTGTTCAATATGCTTAGACTGGGGAAGAGCGAACCGTGGACGCTCGCTTTGGAGAA CGTTGTTGGAGCTAAGAATATGAACGTCAGGCCCTTGCTGAATTACTIONTTGAACCTCTGTTTACG TGGTTGAAAGACCAAAAATAAAAACCTCCTTTGTTGGGTGGAGTACTGACTGGTCCCCCTATGCGG ACCAAAGCATCAAAGTGAGGATAAGCCTAAAATCAGCTCTTGGAGATAAAGCATATGAATGGAA CGACAATGAAATGTACCTGTTCCGATCATCTGTTGCATATGCTATGAGGCAGTACTTTTTAAAA GTAAAAAATCAGATGATTCTTTTTGGGGAGGAGGATGTGCGAGTGGCTAATTTGAAACCAAGAA TCTCCTTTAATTTCTTTGTCACTGCACCTAAAATGTGTCTGATATCATTCTAGAACTGAAGT TGAAAAGGCCATCAGGATGTCCCGGAGCCGTATCAATGATGCTTTCCGTCTGAATGACAACAGC CTAGAGTTTCTGGGGATACAGCCAACACTTGGACCTCCTAACCAGCCCCCTGTTTCC
--