

1 - aatttcattgtcagtcacgacactttccaccttttttccggacgacaaaacaaccagtaagcaccttagcatcttcttca - 81
82 - agaaattatctgttctgccgtgaacagcatccgccaaagATGTCTGGTGAAACTTTTGAGTTCCAGGCTGAGATCTCTCAGC - 162
1 - M S G E T F E F Q A E I S Q L - 15
163 - TCCTGTCTCTGATCATCAACACCGTCTACTCCAATAAGGAGATTTTCTTCGGGAGCTTGTTTCCAATGCCTCTGATGCTC - 243
16 - L S L I I N T V Y S N K E I F L R E L V S N A S D A L - 42
244 - TGGACAAGATCCGGTACGAGTCATTGTGCGACCCAGCAAGCTGGACTCTGGCAAAGACCTCCGCATCGACATCATCCCTG - 324
43 - D K I R Y E S L S D P S K L D S G K D L R I D I I P D - 69
325 - ACAAGGATGCCAAGACTCTTACGATCCGCGATACGGGTATCGGCATGACCAAGGCTGACCTCGTCAACAACCTCGGTACTA - 405
70 - K D A K T L T I R D T G I G M T K A D L V N N L G T I - 96
406 - TTGCTCGCTCGGGTACCAAGCAGTTCATGGAGGCCCTGACTGCCGGCGCCGATATCTCCATGATTGGCCAGTTCCGGCGTCG - 486
97 - A R S G G T K Q F M E A L T A G A D I S M I G Q F G V G - 123
487 - GTTTCCTGCTTACCTGGTTGCGGACCGAGTTAAGGTCATCTGAAGAACAACGACGACGACGATCATCTGGGAGT - 567
124 - F Y S A Y L V A D Q V K V I S K N N D D E Q Y I W E S - 150
568 - CGAGTCCGGCGGCACCTTACCATCTCCCGACACGGAGGGTGAGCCCTTGCGCGTGGTACGAAGATCATCTGCACC - 648
151 - S A G G T F T I L P D T E G E P L G R G T K I I L H L - 177
649 - TAAAGGATGAGCAGATGGACTACCTTAACGAGAGCAAGGTTAAGGAGGTGATCAAGAAACATTCCGAGTTTATCTCCTATC - 729
178 - K D E Q M D Y L N E S K V K E V I K K H S E F I S Y P - 204
730 - CTATCTACCTCCAGTCAAGAAGGAGACTGAGAAGGTTCCAGCAGGAGTGTGAGGAGAACTACTACTGAGGACT - 810
205 - I Y L H V K K E T E K E V P D A E E E T T T E D S - 231
811 - CCGACGATAAGAAGCCTAAGATTGAGGAGGTCAGCGACGATGAAGACGGCGAGGAGAAAGAGGACAAAAGAAGACAA - 891
232 - D D K K P K I E E V S D D E D G E E K E D K K K K T K - 258
892 - AGAAGGTGACGGAGACCACGATTGAAGAGGAGGAGCTGAACAAGCAGAAGCCCATCTGGACCCGCAACCCGACAGACATAA - 972
259 - K V T E T T I E E E L N K Q K P I W T R N P Q D I N - 285
973 - ACCAGGAGGAGTACGCTTACCTTTTAAAGTCGCTCACAACGACTGGGAGGACCATTGGCCGTTAAGCACTTCTCGGTTG - 1053
286 - Q E E Y A S F Y K S L T N D W E D H L A V K H F S V E - 312
1054 - AGGGTCAGCTCGAGTTCCGCGCTATCCTGTTTGTCCCGAAGCGCGCACCTTTCGATCTCTTTGAGACGAAGAAGACGAAGA - 1134
313 - G Q L E F R A I L F V P K R A P F D L F E T K K T K N - 339
1135 - ACAACATCAAGCTCTACGTTTCGCCGTGTCTTCATCACCGACGACGCTACTGATCTGGTTCCTGAGTGGCTAAGCTTTATCA - 1215
340 - N I K L Y V R R V F I T D D A T D L V P E W L S F I K - 366
1216 - AGGGTGTCTGATTCGAGGATCTTCCCTGAACITGTCTCGCAGACACTGACGAGAACAAGATCATGAAGGTGATCA - 1296
367 - G V V D S E D L P L N L S R E T L Q Q N K I M K V I K - 393
1297 - AGAAGAACATTGTGAAGAAGTCAATTGAGCTGTTCACTGAGATCTCCGAGGACAAGGAGCAATTCGACAAGTTCTACACGG - 1377
394 - K N I V K K S I E L F T E I S E D K E Q F D K F Y T A - 420
1378 - CCTTCTCGAAGAACATCAAGCTGGGCATTACGAGGACACCCAGAATCGCCCTGCGCTGGCCAACTTCTGCGCTTCAATT - 1458
421 - F S K N I K L G I H E D T Q N R P A L A K L L R F N S - 447
1459 - CAACCAAGTCGGGCGATGAGCAGACGTCTGGCCGACTATGTCACCCGAGTGCCTGAGCACCAGAAGAATGTACTACA - 1539
448 - T K S G D E Q T S L A D Y V T R M P E H Q K N M Y Y I - 474
1540 - TCACTGGCGAGTCCATCAAGGCTGTGTCCCGTTCCGCTTTCCTTGACTCCCTAAAGGCCAAGGGCTTTGAGGTACTGTTC - 1620
475 - T G E S I K A V S R S P F L D S L K A K G F E V L F L - 501
1621 - TGGTCGACCCCATCGATGAATACGCCATGACACAGCTGAAGGAGTTTGAGGGCAAGAAGCTGGTTGACATCACGAAGGACT - 1701
502 - V D P I D E Y A M T Q L K E F E G K K L V D I T K D F - 528
1702 - TCGAGCTTGAGGAAACCGACGAGGAGAAGAAGACCCGGGAGGCGAGAGAGTACGAGGGCGTCGCCAAGGCTGTA - 1782
529 - E L E E T D E E K K T R E A E E K E Y E G V A K A L K - 555
1783 - AGAATATCTTGGGCGACAAGGTCGAGAAGGTTGTTGTCTCCACAAGCTGACGGGCTCGCCTTGCGCTATCCGTACCGGCC - 1863
556 - N I L G D K V E K V V V S H K L T G S P C A I R T G Q - 582
1864 - AATTCCGGCTGGTCTGCCAATCGGAGCGCATCATGAAGGCCAGGCCCTGCGCGACACATCGATGTCGAGCTATATGTCTGT - 1944
583 - F G W S A N M E R I M K A Q A L R D T S M S S Y M S S - 609
1945 - CCAAGAAGACTTTTGAGATCTCTCCCGAGCCCGATCATCAAGGAAGCTCAAGAAGAAGGTTGAGGCGGACGCGGAGGACG - 2025
610 - K K T F E I S P Q S P I I K E L K K K V E A D G E D D - 636
2026 - ACAAGACTGTCAAGTCCATCGTCCAGCTGCTGTTTCGAGACATCTCTGCTGGTGTCTGGTTTCACCATCGACGAGCCTGCTA - 2106
637 - K T V K S I V Q L L F E T S L L V S G F T I D E P A S - 663
2107 - GCTTTGCGGAGCGTATCCACAAGCTGGTCTCCCTCGGCTGAACATTGATGAGGAGCCGGAGATCGACGACGCGGCTCCTA - 2187
664 - F A E R I H K L V S L G L N I D E E P E I D D A A P T - 690
2188 - CTGAAACCCCGGCTGTTGCCGATGCTGGCGACAGCGCCATGGAGGAGGTTGACtaaaaccaccaagcggaacgctccagc - 2268
691 - E T P A V A D A G D S A M E E V D * - 707
2269 - tgacaaagagcgaggaggttgactaaaaccaccaagcgctggttcggtggatggataaaaaatgaattggagttaggactg - 2349
2350 - gcctggctgtgttatttgcgttacatgatgcctcgtatttcgcgcgatttttttgatggatcaccccgacggcatgttttg - 2430
2431 - tcgacattctcacgatgttcagtgaaatgacttacgttggtatcatcttttacttgttgagtatgtagacctgcattaaggag - 2511
2512 - gtaattttccatggtgtaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa - 2553