

1 - aatttcattgtcagctctacgacacctttccaccttttttccggacgacaaaacaaccagtaagcaccttagcatcttcttca - 81
 82 - agaaattatctgttctgcccgtgaacagcatccgccaagATGTCTGGTGAACTTTTGAGTTCAGGCTGAGATCTCTCAGC - 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 - TGGACAAGATCCGGTACGAGTCATTGTTCGACCCAGCAAGCTGGACTCTGGCAAGACCTCCGATCGACATCATCCCTG - 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 - TTGCTCGCTCGGGTACCAAGCAGTTTACGAGGCGCTGACTGCCGGCGCCGATATCTCCATGATTGGCCAGTTTCGGCGTGC - 486
 97 - A R S G G T K Q F M E A C L T A G A D I S M I G Q F G V G - 123
 487 - GTTCTACTCGGCTTACCTGGTTGCCGACCAGGTAAAGGTCACTCGAAGAAACAACGACGACGAGCAGTACATCTGGGAGT - 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 - CGAGTGCCGGCGGCACCTTCACCATCCTCCCGACACGGAGGTTGAGCCCCCTTGCCCGTGGTACGAAGATCATCTGCACC - 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 - TAAAGGATGAGCAGATGGACTACCTTAACGAGAGCAAGGTTAAGGAGGTGATCAAGAAACATTTCGGAGTTTATCTCCTATC - 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 - CTATCTACCTCCACGTCAAGAAGGAGACTGAGAAGGAGGTTCCAGACGAGGATGCTGAGGAGGAAACTACTACTGAGGACT - 810
 205 - I Y L H V K K E T E K E V P D E D A E E E T T T E D S - 231
 811 - CCGACGATAAGAAGCCTAAGATTGAGGAGGTACGCGACGATGAAGACGGCGAGGAGAAAGAGGACAAAAAGAAGAAGACAA - 891
 232 - D D G 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 - AGAAAGTGACGGAGACCAGATTGAAGAGGAGGAGCTGAACAAGCAGAAGCCCATCTGGACCCGCAACCCGAGGACATA - 972
 259 - K V T E T T I E E E E L N K Q K P I W T R N P Q D I N - 285
 973 - ACCAGGAGGAGTACGCTTCATTTTATAAGTCGCTCACAACGACTGGGAGGACCATTGGCCGTTAAGCACTTCTCGGTTG - 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 - AGGGTCAGCTCGAGTTCCGCGCTATCCTGTTTGTCCCAGCGCGCACCTTTCGATCTCTTTGAGACGAAGAAGACGAAGA - 1134
 313 - G Q L E F R A I L F V P K R A P F D L F F E T K K T K N - 339
 1135 - ACAACATCAAGCTCTACGTTCCGGTGTCTTCATACCCAGCAGCGTACTGATCTGGTTCTGAGTGGCTAAGCTTTATCA - 1215
 340 - N I K L Y V R R R V F I T D D A T D L V P E W L S F I K - 366
 1216 - AGGGTGTCGTCGATTCTGAGGATCTTCCCCTGAAGTTGTCTCGCGAGACACTGCAGCAGAACAAGATCATGAAGGTGATCA - 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 - CCTTCTCGAAGAACATCAAGCTGGGCATTCACGAGGACACCCAGAATCGCCCTGCGCTGGCCAACTTCTGCGCTTCAATT - 1458
 421 - F S K N I K L G I H E D T Q N R P A L A K L R F N S - 447
 1459 - CAACCAAGTCGGGCGATGAGCAGACGTCGCTGGCCGACTATGTACCCGGATGCCTGAGCACCAGAAGAACATGTACTACA - 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 - TCATGGCGAGTCCATCAAGGCTGTGTCCCCTTCGCTTTTCTGACTCCCTAAAGGCCAAGGGCTTTGAGTACTGTTCC - 1620
 475 - T G E S 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 - TGGTCGACCCATCGATGAATACGCCATGACACAGCTGAAGGAGTTTGAGGGCAAGAAGCTGGTTGACATCACGAAGGACT - 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 - TCGAGCTTGAGGAAACCGACGAGGAGAAGAAGACCCGGGAGGCCGAGGAGAAGGAGTACGAGGGCGTCGCCAAGGCTCTGA - 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 - AGAATATCTTGGGCGACAAGGTCGAGAAGGTTGTGTCTCCCAAGCTGACGGCTCGCCTTGCGCTATCCGTACCGGCC - 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 T G Q - 582
 1864 - AATTCCGCTGGTTCGCCAATGGAGCGCATCATGAAGGCCAGGCCCTGCGCGACACATCGATGTGAGCTATATGTCGT - 1944
 583 - F G W S A 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 - CCAAGAAGACTTTTGAGATCTCTCCCCAGAGCCCGATCATCAAGGAAGTCAAGAAGAAGGTTGAGGCGGACGCGGAGGACG - 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 - ACAAGACTGTCAAGTCCATCGTCCAGCTGCTGTTTCGAGACATCTCTGCTGGTGTCTGGTTTACCATCGACGAGCCTGCTA - 2106
 637 - K T V K S I V Q L L F E T S L L V S G G F T I D E P A S - 663
 2107 - GCTTTGCCGAGCGTATCCACAAGCTGGTCTCCCTCGGCTGAACATTGATGAGGACGCGGAGATCGACGACGCGGCTCCTA - 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 - CTGAAACCCCGGCTGTTGCCGATGCTGGCGACAGCGCCATGGAGGAGGTTGACTaaaaccaccaaggcggaacgctccagc - 2268
 691 - E T P A V A D A G D S A M E E V D * - 707
 2269 - tgacaaagagcgaggaggttgactaaaaccaccaaggctggttcggtggatggataataaaatgaattggagttaggactg - 2349
 2350 - gcctggctgtgttatttgcgttacatgatgcctcgatttccgcgcatTTTTTgatggatcaccgacggcatgTTTTg - 2430
 2431 - tcgacatttccatcgatgtttcagtgacatgacttactgttgcatttttacttgttgatgtagacctgcattaaaggag - 2511
 2512 - qtaatttttccatggtqtaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa - 2553