

1 - ATAACAATCTGCTGCACGAAATTTCGAAGCCCAAGAAGGAGCGCATCTGTCACCTACCACACGGCCCTGGTCCAACACGAGT - 81
1 - N N N L L H E E I S K P K K E R I V H Y H T A L V Q H E S - 27
82 - CAAACCTCATGCGGCGCTCCGGCAGCTCGTGGGCAACCAAGCTCTTTGCTCTGAATCTCCAGTACGCGGACGCCAACC - 162
28 - N L M R R R L R Q L V G N H K L F T A R N F Q Y A D A N L - 54
163 - TCTCGGTGCTGGGGCCTTGATCATCGACCGCTTCTGCGAGATCCCGTTCCGACCCGAGGAAGTCCGCAACAGGAGGCGA - 243
55 - S V L G P W I I D R F W Q I P F R T E E L A K Q E A K - 81
244 - AGCGCGAGATTGAGAGACAGCCGACGAGGCTGCGGACGCAACCCCTCAAGCTCGACGCTCTCGGCGACGAGCCCG - 324
82 - A E I E R Q P D D E G A G R N P L K L D G L G D E P V - 108
325 - TGCAGTACAACCTTAATGTGGTAGCTGTGCGGGACGCCAGTCTGTTCTGTGAGCTGTACCGCTTCTGTGCGCGGACTATGG - 405
109 - Q Y N S N A V V A V R D A S R F V E L Y R F V P P T M A - 135
406 - CCCAGTTGTGCAAAAGTTACGCGGTGACGACGCGCTTTTCGACGTGTTCACGCGGTTCAGCGGCCAAGAGACGCGGT - 486
136 - Q L S N K V Q R L H D A L F D V F T R F S G Q K T R C - 162
487 - GCATCGTCTTTGTAGAGCAGCGCTACACAGCCACCTTTTGCGCCAGCTGTTCAGCAGAGCAATGAAGATGCCAAACC - 567
163 - I V F V E Q R Y T A T L L A D L F Q Q E Q M K I P N L - 189
568 - TTCGCGACGCGCTTTTGTGTCGGCGGGATCCAAGACATGGGCAAGAACAGTTCCGCGACGAGCTGTGACCATCTCCA - 648
190 - R T G V L V G G G S K D M G K N T F R T Q L L T I S K - 216
649 - AGTTCAAGCGTGGCCAGGTCAACTGCCTTCTTCGCGACATCCATGCTGAGGAGGCGCTGGACATTCGCGGAGTCCAACCTT - 729
217 - F K R G Q V N C L F T T S I A E E G L D I P G L Q P C - 243
730 - GTCATCGCGCTTGACTATACGCGACCATGATCAGTATATTCAGTCGCGCGGGCGCGCCCGGACAGGAGTTCGACATACA - 810
244 - H P L R L Y G T M I Q Y I Q S R G R A R H Q E S T Y I - 270
811 - TCCACATGGCCAGCTCGGCAAGCTGGATACCCGCGCTGCTCGCGGAGAAATAAGGCGCAGCGAAGAACAGATGCGCGACT - 891
271 - H M A E L G N V D H R R L L A E N K A S E N K M R D F - 297
892 - TTTGCAACGCGCTGCGGAAAACCGCAAGCTGGAGGGAAATGATAATGACATGGACTACTTTTTGCGCGACGAGACAGACC - 972
298 - C N A L P T P E N R K L E G N D N D M D Y F L R D E T D Q - 324
973 - AGCAAGTGTATGTGTGCGCTCCACCCAGCGCAAGCTGACGTACCAGTCCAGTCTGGTCTATCTGGCCAGTATGTGTGCA - 1053
325 - Q V Y V V P S T Q A K L T Y R S S L V I L A Q Y V S T - 351
1054 - CGCTCCCCGAGCCGAGCGAGGGAGTGCCGAAGCCCGAGTACTCTGTGTTTTGCAACCGCCGACGCGCTTCTGTGCGAGGTGG - 1134
352 - L P E P S E G V P K P E Y T V F C T A D G F V C E V V - 378
1135 - TGTGTCCATCGTCTCGCCCATCCGCGAGCGACCGCCGACCCCATAGCCGGAAGCAGGTGCGCAAGTGCAGCGCGCGCT - 1215
379 - L P S S S P I R Q A T G R P H S R K Q V A K C A A A F - 405
1216 - TTGCCATGTGCCTCAAACGTGACGAAAAGAAGTACATTGACAAGCATCTGCACCCATCTTTGCGTCCCGGCTGCCTGCCA - 1296
406 - A M C L K L Y E K K Y I D K H L H P I F A S R L P A M - 432
1297 - TGGCAACCGCGCGCTGGCCGTAGCTCCAAGAAGCAGGCGCCAGTACAGATGCGCGTCAAGCCGAGACATGTCGCGTCC - 1377
433 - R N A R R L A V S S K K Q A Q Y T M R V K P E T W S V L - 459
1378 - TCGCATGCGCGACACAGTGTATGCTTCGATTCTCTCGCTACCCAACCGAGTCCCTTGACCGCTCCCTCGCGCCGCTCG - 1458
460 - G M P T Q L Y A S I L S L T T Q P E S L D R P S R P L V - 486
1459 - TGTCTTGTCTCGGCAAGAAGTGCCTTGTCTCCCGAGTTCCCTTGTCTTTAGCAAGGCGCGGCGCTCGAAGTCCGCT - 1539
487 - F L S R H K M P L L P E F P L F F S K G R A S K V R C - 513
1540 - GCGTCCCCGTGGACATTCCCATGCGAGCTACCCGGAACGAGCTGGAGGCGCTCGCTGCGTATACCTTCCGCGATTCTATG - 1620
514 - V P V D I A P M Q P T P N E L E A L A A Y T L R A F Y D - 540
1621 - ATGTTTTGCAAGAAATACGAGGGCAGCTCTAAGGACATCCCGTATTTTCAATTGCCCGCTACAGCGAGGCCACGACGAGC - 1701
541 - V F S K E Y E G T S K D M P Y F I A P Y S E P T H D V - 567
1702 - TCGTGCTGCGCGGACAAGAGCACTTGCCCTGATGACGCTCGATCTTGGACTGGACTAGCATCCACCACGTCGCGCGACAGA - 1782
568 - V L P D K S T C P D A R S I L D W T S I H H V A Q I - 594
1783 - TTGAGAGGATTACGTGCCAGGCGACGAGCCGATTCGTTTTTTGAAAAAGTTTGTGTGCGGACCCCTTTGACGGCTCGC - 1863
595 - E R I T C Q G D E P D S F F E N K F V S D P F D G S R - 621
1864 - GCAAGTCTTATTTGCGGCGAGGTGCGGCGCGATATGTGCGGCGCTCGATCCCGTGCCGAGGTTGCGCCGCGCCAAAGCACC - 1944
622 - K F Y L R Q V R R D M S A L D P V P E G A P A P K H R - 648
1945 - GTGCTTGGAAACCGCGCGACACGGTGCGCAACATTTTGAATACAGCGTGAAGCTGTGGTCCAAGTGCAGGGTCAACACGC - 2025
649 - A W N R P D T V R N I L N Y S V S L W S K S R V N T P - 675
2026 - CGATCCGGAAGACAGGTGTGTGTGGAGGCGGATATCGTATACCAGCGCCGAACCTGTCTGACGAGCGGTGTTTCTCG - 2106
676 - I R Q C Q V V V E A D I V Y Q R R N L D E R V F L D - 702
2107 - ACGATTTTGGACCTAGCCGGTGTCTTATTGTCTTGATACACTTCGTATTTTCGCCAgtatgtcattcccgccgccccctggg - 2187
703 - D F G P S R C F I V L D T L R I S P - 720
2188 - tggtcctgtgaagtttgctttttgtcgttgtgcttgccctgactctgtagATCCCTGTTGATTTCGATTGCCATGATTTTCA - 2268
721 - I P V D S I A M I F N - 731
2269 - ATTTGCGCGCCATCATCCACGCGATCGAGTCGACGCTCATTCGCTTGGAGGCGCGGCGGTGATTGGGTGCCTAGTATCT - 2349
732 - L P P I I H R I E S A T L I A L L E A A A V I G L P S I Y - 758
2350 - ACCCGGCTCGCATGGAAGCGTGCACCAAGACTGTGACGTTTCCGACGACGCGGCGACGAGACCGCATTAAC - 2430
759 - P G L A L E A C T K D C D V S D D A G A T E T A I N F - 785
2431 - TCCAGGCGCGCATGGGCGCAACTATGAACGACTCGAAGTGTGGGCGACTCGTTTCTAAAAATGCGCTCTACGATTGCAC - 2511
786 - Q A G M G R N Y E R L E A L G D S F L K M A S T I A L - 812
2512 - TCTACACGCTCGCGCCGACAAGAATGAGTTTGAATACCAGCTGGAGCGGATGTGCATGACTGCAATAAGAATCTGTTTCA - 2592
813 - Y T L A P P D K N E F E Y H V E R M C M I C N K N L F N - 839
2593 - ACAATGCGCTCGAGATAGGGCTTGAGAGTACATCCGCTCAAAGAGTTTGACCGTGCTTGGTACCCGCGCGTTGTCTGATG - 2673
840 - N A L E I G L E E Y I R S K E F D R A W Y P P V D D E - 866
2674 - AGACAGTGAAGTTGGCAGCAGAGGCGCGCGCAAGACTGGCAGCACCCGACGAAACCGGCAAAACCCACCGCATGACG - 2754
867 - T V K L A A E A A A K T G T P D E N G K T P T A L H G - 893
2755 - GCTTGATTCTCAAGAAGGAAGAAGACGCAAGAGGGTAGTACCATCGCTGAGTGACAGAGCATTCGCGATGTGTGCG - 2835
894 - L I L K K G R K Q Q E G S Y H A L S D K S I A D V C E - 920
2836 - AGGCCATGATTGGCGCGCTACCTACCAACATACGAGGAGCGCGACTTTGATTTGGCGTCCAGGCTGTGTCTGTGTGG - 2916
921 - A M I G A A A Y L A T T Y E E R D F D L A V Q A V S V V A - 947
2917 - CCAAGAGTAAGTTCCACCCCATGAAGAACTCAAGGAGTACTTTGCAGCCTACGTCCTGCGGAGTGGCAGATCGCGCCCG - 2997
948 - K S K F H P M R T Y K E Y F A A Y V L P E W Q I A P A - 974
2998 - CCACCGCGCGCCAGGTGCATATGGCCAAAGCGTGGCGCGTGACGTTGGTTACACCTTTACGTACCCGCGCCTGCTGCGCT - 3078
975 - T A A Q V H M A K A G A R D V G Y T F T Y P R L L R C - 1001
3079 - GCGCCGTCATGCATCCGTCGTACCCGCGCGTGTACGAGCAGCTGCCGAGCTACCAGCGCTC - 3140
1002 - A V M H P S S Y P R V Y E O L P S Y O R L - 1022