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5'          11          21          31          41          51          61          71          81          91
+1 M N A A F Q Q P V T D S K T G D A P A I L E M R G I S Q I F P G V
1 ATGAACGCCG CCTTTCAACA ACCCGTCACG GACAGCAAAA CCGGCGATGC CCCCGCCATT CTGAAAATGC GCGGCATCTC CCAGATCTTT CCTGGTGTGA
TACTTGCGGC GGAAAGTTGT TGGGCAGTGC CTGTGCTTTT GGCCGCTACG GGGGCGGTAA GACCTTTACG CGCCGTAGAG GGTCTAGAAA GGACCACACT

5'          11          21          31          41          51          61          71          81          91
+1 K A L D N V S I A L H P G T V T A L I G E N G A G K S T L V K I L T
101 AGGCGCTGGA CAATGTCAGC ATTGCCCTTC ATCCCGGCAC GGTACCCGCT TTGATCGGCG AAAACGGGCG CGGCAAATCG ACGCTCGTCA AGATCCTGAC
TCCGCGACCT GTTACAGTCG TAACGGGAAG TAGGGCCGTG CCAGTGGCGA AACTAGCCGC TTTTGCCGCG GCCGTTTAGC TGCAGAGAGT TCTAGGACTG

5'          11          21          31          41          51          61          71          81          91
+1 G I Y R P N E G E I L V D G R P T T F A S A Q A A I D A G V T A I
201 CGGCATCTAC CGCCGAACG AAGGCGAGAT TCTGGTCGAC GGCCGGCCGA CGACCTTTGC CAGCGCCCAG GCCCGCATCG ATGCCGGCGT CACCGCCATC
GCCGTAGATG GCGGGCTTGC TTCCGCTCTA AGACCAGCTG CCGGCCGCTT GCTGGAACG GTCGCGGGTC CGGCGTAGC TACGGCCGCA GTGGCGGTAG

5'          11          21          31          41          51          61          71          81          91
+1 H Q E T V L F D E L T V A E N I F L G H A P R T R F R T I D W Q T
301 CATCAGAAA CCGTGCTTTT CGACGAGCTG ACGGTGGCCG AGAACATTTT CCTCGGCCAC GCGCCGCGCA CGCGCTTTCC CACCATCGAC TGGCAGACGA
GTAGTCCTTT GGCACGAAA GCTGCTCGAC TGCCACCGGC TCTTGTAATA GGAGCCGGTG CCGCGCGCGT GCGGAAAAGC GTGGTAGCTG ACCGTCTGCT

5'          11          21          31          41          51          61          71          81          91
+1 M N S R S K A L L T A L E S N I D P T I R L K D L S I A Q R H L V A
401 TGAACAGCCG GTCGAAGGCG CTGCTGACCG CGCTCGAAAG CAATATCGAT CCGACCATCC GGCTAAAGGA CCTGTGCGATC GCGCAGCGTC ACCTGGTGGC
ACTTGTGCGC CAGCTTCCGC GACGACTGGC GCGAGCTTTC GTTATAGCTA GGCTGGTAGG CCGATTTTCT GGACAGCTAG CGCGTCGCAG TGGACCACCG

5'          11          21          31          41          51          61          71          81          91
+1 I A R A L S I E A R I V I M D E P T A A L S R K E I D D L F R I V
501 GATCGCGCGC GCTTTGTCGA TCGAGGCCCG CATCGTCATC ATGGACGAGC CGACCCCGCG ACTCTCCCAG AAGGAAATCG ACGATCTCTT CCGCATTGTC
CTAGCGCGCG CGAAACAGCT AGCTCCGGGC GTAGCAGTAG TACCTGCTCG GCTGGCGGCG TGAGAGGGCC TTCCTTTAGC TGCTAGAGAA GGCGTAACAG

5'          11          21          31          41          51          61          71          81          91
+1 R G L K E Q G K A I L F I S H K F D E L Y E I A D D F V V F P R R
601 CGGGGCTGA AAGAACAGGG CAAGGCGATC CTCTTCATCA GCCACAAGTT CGACGAGCTT TACGAAATCG CCGATGATTT CGTCGTCTTC CCGCGACGGT
GCCCCGGACT TTCTTGTCCT GTTCCGCTAG GAGAAGTAGT CGGTGTTCAG GCTGCTCGAA ATGCTTTAGC GGCTACTAAA GCAGCAGAAG GCGCTGCCA

5'          11          21          31          41          51          61          71          81          91
+1 S R R P V R G V S R K T P Q D E I V R M M V G R D V E N V F P K I D
701 CGCGCCGTCC GGTCAAGGGC GTCTCAAGGA AAACGCCGCA GGACGAGATC GTCCGGATGA TGGTCGGCCG CGACGTCGAG AACGTCTTTC CGAAGATCGA
GCGCGGACAG CCAGTCCCGC CAGAGTTCCT TTTGCGGCGT CCTGCTCTAG CAGGCCTACT ACCAGCCGGC GCTGCAGCTC TTGCAGAAAG GCTTCTAGCT

5'          11          21          31          41          51          61          71          81          91
+1 V A I G G P V L E I R N Y S H R T E F R D I S F T L R K G E I L G
801 CGTCGCCATC GGCGGCCCGG TCCTGGAGAT CCGCAATTAC AGCCACCGCA CCGAATTCCG CGACATTTCC TTCACGTTGC GCAAGGGCGA GATTCTCGGC
GCAGCGGTAG CCGCCGGGCC AGGACCTCTA GGCGTTAATG TCGGTGGCGT GGCTTAAGGC GCTGTAAAGG AAGTGCAACG CGTTCCCGCT CTAAGAGCCG

5'          11          21          31          41          51          61          71          81          91
+1 V Y G L I G A G R S E L S Q S L F G I T K P L S G K M V L E G Q E
901 GTTTACGGCC TGATCGGCGC CGGCCGCTCG GAACTGTGCG AATCGCTCTT CCGCATCACC AAGCCGCTTT CGGGCAAGAT GGTGCTCGAA GGCCAGGAGA
CAAATGCCGG ACTAGCCGCG GCCGGCGAGC CTTGACAGCG TTAGCGAGAA GCCGTAGTGG TTCGGCGAAA GCCCGTTCTA CCACGAGCTT CCGGTCTCTT

5'          11          21          31          41          51          61          71          81          91
+1 I T I H S P Q D A I R A G I V Y V P E E R G R H G L A L P M P I F Q
1001 TCACCATCCA TTCGCCGAG GATGCTATCC GCGCCGGCAT CGTCTACGTG CCGGAGGAGC GCGGCCGCA TGGCCTGGCG CTGCCAATGC CGATCTTCCA
AGTGGTAGGT AAGCGGCGTC CTACGATAGG CGCGCCGTA GCAGATGCAC GGCCTCTCTG CGCCGGCGGT ACCGGACCGC GACGGTTACG GCTAGAAGGT

5'          11          21          31          41          51          61          71          81          91
+1 N M T L P S L A R T S R R G F L R A A N E F A L A R K Y A E R L D
1101 GAACATGACG CTGCCTTCGC TCGCCCGCAC CTCGCGCCGC GGTTCCTGCG GGGCCGAAA CGAATTCGCG CTCGCGCGCA AATATGCCGA GCGGCTGGAT
CTTGTACTGC GACGGAAGCG AGCGGGCGTG GAGCGCGGCG CCAAAGGACG CCCGGCGTTT GCTTAAGCGC GAGCGCGCGT TTATACGGCT CGCCGACCTA

5'          11          21          31          41          51          61          71          81          91
+1 L R A A A L S V P V G T L S G G N Q Q K V V I G K W L A T A P K V
1201 CTGCGCGCCG CCGCCCTTTC CGTGCCGGTC GGCACGCTCT CCGGCGGCAA CCAGCAGAGG GTCGTCATCG GCAAATGGCT GGCGACGGCG CCGAAGGTCA
GACGCGCGGC GCGGGAAAAG GCACGGCCAG CCGTGCGAGA GGCCGCCGTT GGTCGTCTTC CAGCAGTAGC CGTTTACCGA CCGCTGCCGC GGCTTCCAGT

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5'          11          21          31          41          51          61          71          81          91
+1 I I L D E P T K G I D I G S K A A V H G F I S E L A A E G L S I I M
1301 TCATCCTCGA CGAGCCGACC AAGGGCATCG ACATCGGCTC GAAGGCCGCC GTGCACGGCT TCATCAGCGA ACTCGCCGCC GAGGGCCTGT CGATCATCAT
AGTAGGAGCT GCTCGGCTGG TTCCCGTAGC TGTAGCCGAG CTTCCGGCGG CACGTGCCGA AGTAGTCGCT TGAGCGGCGG CTCCCGGACA GCTAGTAGTA

5'          11          21          31          41          51          61          71          81          91
+1 V S S E L P E I I G M S D R V L V M K E G L S A G I F E R A E L S
1401 GGTTCCTCC GAACTGCCGG AGATCATCGG CATGTCGGAT CGCGTTCTCG TCATGAAAGA AGGCCTGTCG GCGGGGATTT TCGAACGCGC CGAACTGTCG
CCAAAGGAGG CTTGACGGCC TCTAGTAGCC GTACAGCCTA GCGCAAGAGC AGTACTTTCT TCCGGACAGC CGCCCCTAAA AGCTTGCGCG GCTTGACAGC

5'          11          21          31          41          51          61          71          81          91
+1 P E A L V R A A T G N A &
1501 CCGGAAGCGC TGGTGC GCGC CGCCACCGGC AATGCGTGA
GGCCTTCGCG ACCACGCGG GCGGTGGCCG TTACGCACT
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