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5'      11      21      31      41      51      61      71      81      91
+1 M T A S S Y R R I A V L D I G K T N A K V V V L D A G T G A E I A
1 ATGACCGCCA GTTCCTATCG CCGCATCGCC GTCCTCGACA TCGGCAAGAC CAATGCCAAG GTCGTCTGTC TCGACGCCGG GACAGGCGCC GAGATCGCCG
TACTGGCGGT CAAGGATAGC GGCCTAGCGG CAGGAGCTGT AGCCGTTCTG GTTACGGTTC CAGCAGCACG AGCTGCGGCC CTGTCCCGCG CTCTAGCCGG

5'      11      21      31      41      51      61      71      81      91
+1 V L K R P N T A I K T G P Y P H Y D I E A L W S F A L D S L K R L A
101 TCCTGAAACG GCCGAACACT GCGATCAAAA CCGGTCCCTA TCCGCATTAC GACATAGAGG CGCTCTGGTC CTTCGCGCTC GATTCGCTGA AGCGCCTTGC
AGGACTTTGC CGGCTTGTGA CGTAGTTTT GGCCAGGGAT AGGCGTAATG CTGTATCTCC GCGAGACCAG GAAGCGCGAG CTAAGCGACT TCGCGGAACG

5'      11      21      31      41      51      61      71      81      91
+1 Q A P G F D A I S I T T H G A A A A L L D R D G T L A M P V I D Y
201 GCAGGCGCCC GGTTCGACG CCATTTCGAT CACCACCCAC GCGCGCCGAG CCGCGTGTCT CGATCGGGAC GGCACGCTCG CCATGCCTGT GATCGACTAC
CGTCCGCGGG CCAAAGCTGC GGTAAAGCTA GTGGTGGGTG CCGCGGCGTC GCGCGACGA GCTAGCCCTG CCGTGCAGC GGTACGGACA CTAGCTGATG

5'      11      21      31      41      51      61      71      81      91
+1 E H E Y P Q E I R D A Y T A L R P S F D E T F S P R L S M G L N V
301 GAACACGAAT ATCCGCAAGA AATCCGCGAT GCCTATACGG CCTTGCGCCC CTCCTTCGAC GAAACCTTTT CGCCACGCCT TTCGATGGGC CTCAATGTCG
CTTGTGCTTA TAGGCGTTCT TTAGGCGCTA CCGATATGCC GGAACCGCGG GAGGAAGCTG CTTTGAAAAA GCGGTGCGGA AAGCTACCCG GAGTTACAGC

5'      11      21      31      41      51      61      71      81      91
+1 G A Q L H Y Q K S V F P E E F A K V A T I L T Y A Q Y W T A R L T G
401 GCGCGCAGCT GCACTACCAG AAGAGCGTCT TTCCCGAAGA ATTTCGCAAG GTCGCGACCA TCCTCACCTA TGCGCAATAC TGGACGGCGA GGCTGACGGG
CGCGCGTCGA CGTGATGGTC TTCTCGCAGA AAGGGCTTCT TAAGCGGTTT CAGCGCTGGT AGGAGTGGAT ACGCGTTATG ACCTGCCGCT CCGACTGCCC

5'      11      21      31      41      51      61      71      81      91
+1 V A A N E L T S L G C H T D L W N P R A G D Y S S L V D R L G I R
501 AGTGGCCGCC AACGAGTTGA CCTCTCTCGG CTGCCACACC GACCTCTGGA ACCCCAGGGC GGGCGACTAT TCCTCGCTCG TCGACAGGCT CGGCATCCGC
TCACCGCGCG TTGCTCAACT GGAGAGAGCC GACGGTGTGG CTGGAGACCT TGGGGTCCCG CCCGCTGATA AGGAGCGAGC AGCTGTCCGA GCCGTAGGGC

5'      11      21      31      41      51      61      71      81      91
+1 A L M A P V R S A F D A L G P V L P E V A A E L A L A A P V Q V Y
601 GCGCTGATGG CGCCGGTCCG CTCCGCCTTC GATGCGCTCG GCCCGGTTCT GCCCGAGGTC GCCCGGAGC TTGCGCTCGC AGCCCCGTG CAGGTCTATT
CGGACTACC GCGGCCAGGC GAGGCGGAAG CTACGCGAGC CGGGCCAAGA CCGGCTCCAG CGGCGCCTCG AACGCGAGCG TCGGGGCGAC GTCCAGATAA

5'      11      21      31      41      51      61      71      81      91
+1 C G I H D S N A S L L P H L V H R E A P F A V V S T G T W V I N F G
701 GCGGCATTCA CGATTCCAAT GCCTCGCTGC TGCCGCATCT CGTCCATCGC GAGGCCCCCT TCGCCGTCGT CTCCACCGGC ACCTGGGTGA TCAATTTCCG
CGCCGTAAGT GCTAAGGTTA CCGAGCGAGC ACGGCTAGA GCAGGTAGCG CTCGCGGGGA AGCGGCAGCA GAGGTGGCCG TGGACCCACT AGTTAAAGCC

5'      11      21      31      41      51      61      71      81      91
+1 V G G D L D H L D Q K R D A L A N V D A Y G R A V P S S R F M G G
801 CGTCCGCGGC GATCTCGATC ACCTCGATCA GAAACGCGAT GCGCTCGCCA ACGTCGATGC CTATGGCCGG GCCGTTCCCT CCTCGCGCTT TATGGGCGGG
GCAGCCGCGC CTAGAGCTAG TGGAGCTAGT CTTTGGCGTA CCGGAGCGGT TGCAGTACG GATACCGGCC CCGCAAGGGA GGAGCGCGAA ATACCCGCCC

5'      11      21      31      41      51      61      71      81      91
+1 R E F E I L S A E I G P V D E Q A A Q A A I G P V V E K S M M L L
901 CGGGAATTTC AGATCCTCTC GGCCGAAATC GGCCCCGTCG ACGAACAAGC CGCCAGGCG GCGATCGGTC CTGTCTCGA AAAGAGCATG ATGCTGCTGC
GCCCTTAAGC TCTAGGAGAG CCGGCTTTAG CCGGGCAGC TGCTTGTTCG GCGGGTCCGC CGTAGCCAG GACAGCAGCT TTTCTCGTAC TACGACGAGC

5'      11      21      31      41      51      61      71      81      91
+1 P N I A P G S G P F P D K A S Q W I G A E Q A S R E E R H A A A C L
1001 CGAATATCGC CCCCCTTCC GGCCCTTCC CTGATAAGGC GAGCCAGTGG ATCGGCGCTG AACAGGCTAG CCGCAAGAG CGTCATGCGG CGGCCTGCCT
GCTTATAGCG GGGGCCAAGG CCGGGGAAGG GACTATTCCG CTCGGTACC TAGCCGCGAC TTGTCCGATC GGCCTTCTC GCAGTACGCC GCCGGACGGA

5'      11      21      31      41      51      61      71      81      91
+1 Y L A L M T D A C L G L I G A K G P I I V E G P F A L N E A Y L K
1101 CTATCTCGCC CTGATGACCG ACGCTGCCT CCGACTGATC GCGCCAAGG GCCCATCAT CGTCGAAGGA CCCTTTGCC TGAACGAGGC CTATCTGAAG
GATAGAGCGG GACTACTGGC TCGGACGGA GCCTGACTAG CCGCGTTC CCGGGTAGTA GCAGTTCTT CCGGAAACGG ACTTGTCCG GATAGACTTC

5'      11      21      31      41      51      61      71      81      91
+1 L L A A L A G R E V L A L P G T T G T S Q G A A L L T G I R P V S
1201 CTGCTCGCCG CCCTTGCCGG CCGTGAGGTC CTGGCCCTTC CGGGCACGAC CGGCACCAGC CAGGGTGTG CCCTGCTGAC CGGCATCCGG CCGGTCTCGG
GACGAGCGGC GGAACGGCC GGCCTCCAG GACCGGAAG GCCGTGCTG GCCGTGCTG GTCCACGAC GGGACGACTG GCCGTAGGCC GGCCAGAGCC

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5'          11          21          31          41          51          61          71          81          91
+1 G A E T D V P P Q D F P G L A A Y R D R W Y A A M A @
1301 GGGCAGAGAC TGACGTGCCG CCGCAAGATT TCCCGGGACT GGCCGCCTAT CGCGATCGCT GGTACGCGGC GATGGCATAG
    CCCGTCTCTG ACTGCACGGC GGCCTTCTAA AGGGCCCTGA CCGGCGGATA GCGCTAGCGA CCATGCGCCG CTACCGTATC
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