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5'      11      21      31      41      51      61      71      81      91
+1 M A R L I R K R E T L L F L I I V V M I V V F S T R A A D F A T P
1 ATGGCAAGAC TGATCAGAAA ACGCGAAACC CTGCTGTTCC TCATCATCGT CGTGATGATC GTGGTCTTTT CGACGCGGGC TGCGGATTTT GCCACACCCG
TACCGTTCTG ACTAGTCTTT TGCCTTTTGG GACGACAAGG AGTAGTAGCA GCACTACTAG CACCAGAAAA GCTGCGCCCG ACGCCTAAAG CCGTGTGGGG

5'      11      21      31      41      51      61      71      81      91
+1 G N L A G I F N D T S I L I I L A L A Q M T V I L T K S I D L S V A
101 GCAATCTCGC CGGCATCTTC AACGATACCT CGATCCTGAT CATCCTGGCG CTGGCGCAGA TGACGGTCAT CCTGACGAAA TCGATCGACC TGTCGGTCCG
CGTTAGAGCG GCCGTAGAAG TTGCTATGGA GCTAGGACTA GTAGGACCGC GACCGCGTCT ACTGCCAGTA GGACTGCTTT AGCTAGCTGG ACAGCCAGCG

5'      11      21      31      41      51      61      71      81      91
+1 A N L A F T G M A I A M M N A A H P D L P L V V L I L M A V V I G
201 TGCCAACCTC GCCTTCACCG GCATGGCAAT CGCGATGATG AACGCCGCC ACCCCGATCT GCCGCTCGTC GTGCTGATCC TGATGGCCGT CGTCATCGGC
ACGGTTGGAG CGGAAGTGGC CGTACCGTTA GCGCTACTAC TTGCGGCGGG TGGGGCTAGA CGGCAGCAG CACGACTAGG ACTACCGCA GCAGTAGCCG

5'      11      21      31      41      51      61      71      81      91
+1 A C L G A I N G F L V W A L E I P P I V V T L G T L T I Y R G M A
301 GCCTGTCTCG GCGCCATCAA CGGCTTTTCT GTCTGGGCGC TGGAAATCCC GCCGATCGTC GTACCCTCG GCACGCTCAC CATCTATCGC GGCATGGCCT
CGGACAGAGC CGCGGTAGTT GCCGAAAGAG CAGACCCGCG ACCTTTAGGG CGGCTAGCAG CAGTGGGAGC CGTGGCAGTG GTAGATAGCG CCGTACCGGA

5'      11      21      31      41      51      61      71      81      91
+1 F V L S G G A W V N A H Q M T P I F L S V P R T P V L G L P V L S W
401 TCGTGCCTTC CGGCGGCGCC TGGGTCAACG CGCACCAGAT GACGCCGATC TTCCTGTCCG TGCCGCGCAC GCCGGTCTC GGCCTGCCCG TGCTCAGTTG
AGCACGAAAG GCCGCCGCGG ACCCAGTTGC GCGTGTGCTA CTGCGGCTAG AAGGACAGCC ACGGCGCGTG CGGCCAGGAG CCGGACGGGC ACGAGTCAAC

5'      11      21      31      41      51      61      71      81      91
+1 V G I I I V I L M Y V L L R Y T Q F G R S A Y A T G G N P T A A V
501 GGTGGGCATC ATCATCGTCA TCCTGATGTA TGTGCTTCTT CGATATACCC AGTTCCGGCG CTCCGCCTAT GCAACCGGGC GCAACCGGAC TGCCGCCGTC
CCACCCGTAG TAGTAGCAGT AGGACTACAT ACACGAAGAA GCTATATGGG TCAAGCCGGC GAGGCGGATA CGTTGGCCCG CGTTGGGCTG ACGGCGGCAG

5'      11      21      31      41      51      61      71      81      91
+1 Y A G I D T G W T K F L A F V L S G A L A G L A S Y L W V S R Y A
601 TATGCCGTA TCGATACGGG CTGGACGAAA TTCCTCGCCT TCGTCTCTC GGGCGCTCTG GCCGGCCTCG CCAGCTATCT CTGGGTATCG CGTTATGCCG
ATACGGCCAT AGCTATGCCC GACCTGCTTT AAGGAGCGGA AGCAGGAGAG CCCGCGAGAC CGGCCGGAGC GGTGATAGA GACCCATAGC GCAATACGGC

5'      11      21      31      41      51      61      71      81      91
+1 V A Y V D I A N G F E L D S V A A C V I G G I S I A G G V G S V A G
701 TCGCCTATGT CGATATCGCC AACGGCTTCG AGCTCGACAG CGTCGCGGCT TGGTTCATCG GCGGCATCTC GATTGCCGGT GGCCTCGGCT CGTTCGCCGG
AGCGGATACA GCTATAGCGG TTGCCGAAGC TCGAGCTGTC GCAGCGCCGA ACGCAGTAGC CGCCGTAGAG CTAACGGCCA CCGCAGCCGA GCCAGCGGCC

5'      11      21      31      41      51      61      71      81      91
+1 T V L G A L F L G V I K N A L P V I G I S P F T Q M A I S G T V I
801 CACCGTGCTC GCGCGCTTT TCCTCGGCGT CATCAAAAAC GCCCTGCCGG TGATCGGCAT TTCACCCTTC ACGCAGATGG CGATATCAGG CACCGTCATC
GTGGCACGAG CCGCGCGAAA AGGAGCCGCA GTAGTTTTTG CGGACGGCC ACTAGCCGTA AAGTGGGAAG TGCCTTACC GCTATAGTCC GTGGCAGTAG

5'      11      21      31      41      51      61      71      81      91
+1 I L A V A F N A R R E R N R G R I I L R D R A A T E I K A E A A A
901 ATTCTCGCCG TCGCCTTCAA CGCCCGGCGC GAGCGCAACC GCGGCCGAT CATCCTGCGT GACCGCGCCG CGACCGAAAT CAAAGCGGAG GCCCGAGCAT
TAAGAGCGGC AGCGGAAGTT GCGGGCCGCG CTCGCGTTGG CGCCGGCGTA GTAGGACGCA CTGGCGCGGC GCTGGCTTTA GTTTCGCTC CGGCGTCGTA

5'      11      21      31      41      51      61      71      81      91
+1 &
1001 GA
CT

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