macrogen

10   20   30   40   50   60   70   80   90   100   110
AA AT CA GG TA A GC G GTCC GC GCCGT T GTC C T TTT CG C TGCA AA C T CTG C T C GGGG TCTT AT A G CGA T TTTTTCGGT A TCC T C CTT T TT CGCACGAT AT AC A GG ATT TTTGCCAA

120   130   140   150   160   170   180   190   200   210   220   230
AGGGTT CGT GT AGA CTT T CCTT GGT GT ATCCAAC GGC GTCAGCC GGGC AGG AT AG GTG AAGTAGGCC CACCCGCG AGCGGGTGTTCCTTCTTCACTGTCCCTTATTCGCACCTGGCGGTGCTC

240   250   260   270   280   290   300   310   320   330   340   350   360
AACGGG AATCCTGC TCTGCG AGGCT GGCCGT AGGCCGGCCGCG ATGCAGGTGGCTGCTGAACCCCCAGCCGGAACTGACCCCACAAGGCCCTAGCGTTTGCAATGCACCAGGTCATCATTGACCC

370   380   390   400   410   420   430   440   450   460   470   480
AGGCGTGCTCCACCACGTACTAGTCGAAACATGCCACGCAGGCTTCGCCCACCTGCTCTCTGCCCTTCTTCTGACGAAA GA GG AAAAAAAAC GCAC A A AAC GC CC AAAATT TTCCGCTTTGAT

490   500   510   520   530   540   550   560   570   580   590   600
C AAGTTCCGGTC C CGG T G GAAGATGAA AT AGGC CAA C ATCCC T CCGGG C GGC GG GGAC AGGT TGGGG TAATTGAAGA AAA TGGAAT A GGTGGAATGA GGGAAA AAGCTAAATAGGCTT

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   610      620      630      640      650      660      670      680      690      700      710      720      730
TC TT T TTTTTGACGGACA GAAAGAGAGCAT GG AC GT TTGGGTC TG GC TTCTTTGTGCGCGGGGAT GC GGAGA AAG AGCC A GGT CAG GCAGAA GCCGCGG AAC CATGC GC T TGCTAGATG T GCC CAG GG
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   740      750      760      770      780      790      800      810      820      830      840      850      860
TC TGG GCGGAGT GGA GT AAGC CGGAC TGC GGCCG TAT GTCGCGC CAAGATG A GT C GGT CG ATTC GACGCA GTG TCC GG AGAAA AAAA GAGA A AG ATAGAGCGGT ACGCATC G GCGCGCC GAAGGAAAAAC
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   870      880      890      900      910      920      930      940      950      960      970      980
A AAGAAGAA AAT CAGC GAGA AAGA TGTGCC TCGT TC GA GGG TT G GGG CTT CAG GAG T CCC A TAATT GAC GTG GTCA GATT TTGTT ATACAGGTCTCG GGC AAA AAA A CA CA AA AA AA AA
```



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   990     1000     1010     1020     1030     1040     1050     1060     1070     1080     1090
GGGG AA AA ACAC GGC TCT A GT C CC GA GG GGGGGA A G GA GGT CC CGCCG ACGCATT GGT TTT T CTC CGC TCCCCT GGG GGT CC CAC GGGG G GGAAA AC CAAA AAA AAAA CCC CG C CCCC
```



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  1100     1110     1120     1130     1140     1150     1160     1170     1180     1190     1200     1210     1220
TCTT T G GTG GTGC TCGACC G AAA AA AG GAAAAAA A TAAACAACA AAACCTC CTTTT CTGGGGT GGTGAT GGGGGG ATGGT GT G GGG CA T ATT CGTCC CGCCACCC ACCC ACG CAGGGGT TG T
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