macrogen

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          10        20        30        40        50        60        70        80        90       100       110       120
AC C   TG  T CTA T  TA TTTG C G GA C C TA G A GG T C CC CTT T T TT A TTTTT A AAAA TTTTTT TT C ACAAAA C GG T TT AC AAG C CAT AAAA T CT C TG AT AG A C C GGGG ACTT AT C AT C CAA CC T G TT A GT

         130       140       150       160       170       180       190       200       210       220       230       240
C GGC GC C CTG T C GGC GTT C TAT CA C GA CT C CTT GC A T AT C C GT GCC AC GC AAC AC C GC G AAA T C T CC GC GGT GC GC C TGG T C GC CAAG AT GCC GA CCC T GGC T GC GAT GG TTT AC AAG TACT C

         250       260       270       280       290       300       310       320       330       340       350       360       370
C ATG GGC CAG CC GAT GAT GTA CC C GCG C AAC GA C CT GTC GTA C GC GG AAA AC TT CCT GC AC ATG AT GTT C AAC AC CCC GT GC GAG AT CAAA CC GAT C AG C CC GGT GCT GGC CAAG GC AAT GGA CC G

         380       390       400       410       420       430       440       450       460       470       480       490       500
G AT CTT C AT C CTC CAC GCC GA CCA C GAG C AGA AC GCC T CC ACC T C C ACC GTT C GT CT GGC AGG CTC GT C GGG TGC CAA CCC GTT C GCC TGT AT C GCC GCC GGT AT C GCC GCA CT GT GGG GCC C GGC

         510       520       530       540       550       560       570       580       590       600       610       620
CCA CGG C GGT GC G AAC GAA GCC GT T ACT GA CC AT G CT GGA T GAAA T C GGC GAT GT CTC GAA CAT C GAC AAA TT CAT C GCC AAG GC CAA GGA CAA GAA C GAC CC GTT C AAG CT GAT GGG CTT C GGT C A
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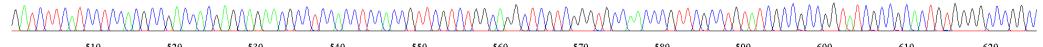
630   640   650   660   670   680   690   700   710   720   730   740
CCGCGTGTACAAGAACCGCGACCCGCGCGCCACCGTGATGAAGCAGACCTGCGACGAAGTCCTGCGCGAGCTGGGCATCAAGAACGACCCGCAGCTGGAACTGGCCATGCGCCTGGAAGAGA

750   760   770   780   790   800   810   820   830   840   850   860   870
TCGCCCTGACCGATCCTTACTTCATCGAGCGCTCGCTGTACCCGAACGTCGACTTCTACTCGGGGATCATCCTCAAGGCGATCGGCATTCCGACCAGCATGTTCACCGTGATCTTCGCCCTG

880   890   900   910   920   930   940   950   960   970   980   990
GGAACGTACAGTGGGCTGGATCTCGCACTGGAAAGAAATGCTCTCCAGCCCGTACAAGATCGGCCGTCCGCGCCAGCTGTACAACGGGCGAGCAAAAAACAAGACATCGTGACCCTGAAAG

1000   1010   1020   1030   1040   1050   1060   1070   1080   1090   1100   1110
AACACATGATAAGATGCACTACCCGACCCCACGAAAGGTGGACTGCAAACGGGCTTTTTATTTATTGTAGGGAGGGGGGCGGGCCTTTTTTAAGGCCTTGCCCCGGGGAGGAGGCGGGAAC

1120   1130   1140   1150   1160   1170   1180   1190   1200   1210   1220   1230
AAACCCCCACAAAAACCTCTTTTTTTTTTCCCCCCGGGTTTACCCCCCCCTTTTTTGGGGGTTATGAAAACGCGGCAACCCCCCCAAAAAAATTTTTTTTCCCACCCCCCCCCCAGGGCCCCTCGCC