macrogen

```
        10          20          30          40          50          60          70          80          90         100         110         120
C  CCGT  G C AAT  G T GC T C T G G  CAT G G CCACG CCACAG G CAAT G G CCT T T G AGTAT TATT T GCAGAT G ATAACAGGT CT CTAAT CC AGGCG AG ATT ACCC T CACG CT ACC G CC G T AGCT G AT T CG
```
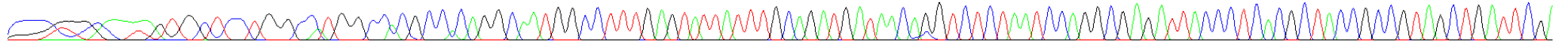


```
      130         140         150         160         170         180         190         200         210         220         230         240
ACACAG AT CG AGG CAT C CG AAG ATT CT GT GGT GCAGC CT GCCT GCCGGG CGCCC GCCC TT GGG CAGG CG AAT AGA GT GCGT ACC G ACATACT GGT TAACATAAT C GGAGACT GCAT AGGGCT CGG
```
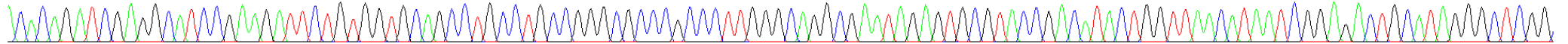


```
      250         260         270         280         290         300         310         320         330         340         350         360         370
CGTGG ACG AAG AT CT GACTTT T CT CGTT CAATAAG CAAAAAT C CAT A GTT CAC GGTT CTCTT ATTTTAAT GT GGG CT GCTT GGT GT GAT GT AGAAAGGC GCCAAGT C GAT GAAAAT GCAT CT CGA
```
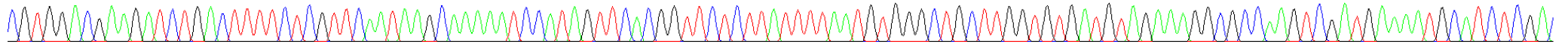


```
      380         390         400         410         420         430         440         450         460         470         480         490
CGTGAT GC GT AT AC GGG TTACCCCC ATT GCCACGTT GCGCCATCCTTTTT GCAAT CAGT GACCACTTTT CCAAGCAAAAATAACGCC AAGCAGAACGAAGACGTT CTTTTT AAGAAGCGAGAACA
```
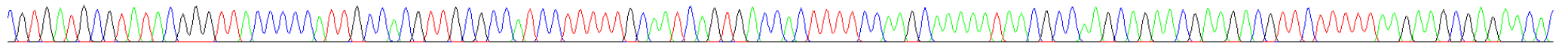


```
     500         510         520         530         540         550         560         570         580         590         600         610         620
CCAG AAGTT CGT GCT GT GT C GGGG CAT GGGGCG ACG AATT GGCGGAT AAAGGGG AT CT GCT GG AT ATT ACGGC CCTTTTT AAAGACCGT AAAGAAAAAT AAG CACAAGTTTT AT CCGGCCTTT ATTCA
```
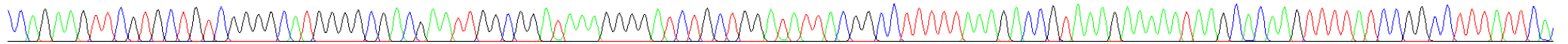
630 640 650 660 670 680 690 700 710 720 730 740
CATTCTTGCCCGCCTGATGAATGCTCATCCGTAATTACGTATGGCAATGAAAGACGGTGAGCTGGTGATATGGGATAGTGTTCACCCTTGTTACACCGTTTTCCATGAGCAAACTGAAACGTTT

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

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

1000 1010 1020 1030 1040 1050 1060 1070 1080 1090 1100 1110 1120
AGCTATCCAACGGCGGTATACCAGGAAAACACACAGCAGGTACATCAGAACAGTACCATGACTGAGAAACAAATAGTTTTTTCCTGATCCTAAAGCAGAACGGCCTGCTCCTGACAATCTGGCTCCCCAC

1130 1140 1150 1160 1170 1180 1190 1200 1210 1220 1230 1240 1250
TAATGCCCATGCAGCAGCATACCAGCATAAGTGCCCGGGCCAATATTGAAGGCTCCCAACGGGGGGCCTTTTTTGTTTTGGTCCCCGCTTACCCCCCGTGGCAGGTCCGGTTGAAAGGAAAATC