macrogen

```
        10        20        30        40        50        60        70        80        90       100       110
C A  GT AG TT G C G GAAC  CTAGA  GG C CCC T T T T  CA TTT  AAAAA T TT TTT CC AAAAC GGT TT ACAAG CAT AAAAT CT C TG AT AG AC CG GGG ACTT AT CAT C CAAC CT GTT ACG C GCCCA TG
```



```
       120       130       140       150       160       170       180       190       200       210       220       230       240
T GGT G AAC CTT C TT CACCG CG TAG TCGCC GGT C TCGTC C TT CTC GAACTT CACG C CCCA GCGGT CGAG TTG CTC GATGGT TTCAAAG CTGTG GGT TGCG TAGG CATG CACGG TG GCC TGGTT G
```
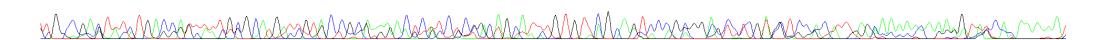


```
        250       260       270       280       290       300       310       320       330       340       350       360
ACGAT GCCG TCATT GGCC CACGG TG ATT TCCTT GGT GTACT GC T C GGGGG TGG CGT CC CCCCCT AC TGTACT ACTCGAC ACA TGCCACAA CGTGCGT ACTT ATGT GCCC TTT C CGCTTGC CA ATGT G
```



```
  370       380       390       400       410       420       430       440       450       460       470       480
ATTAAT  GGACACGAGC ACTCG CACG CTTTT GTCTT GCT CC T TGG CCTTG ATCG CAGCCGT CGGT C C GGCC GCAC CACCAC CGC TCAT GAT G AT GTC TGA ATCA CGGC TG GG CATGATC CTGGCT
```



```
490       500       510       520       530       540       550       560       570       580       590       600       610
T GGC  GACTATCTG ACCA GTTTT GCG CATGATTGTA C CGCGAAAAC TCAT CT C GGC AG CATTTG T GTAAG CAGT CCC GCGG AGCC TCGAGC TCC AC ATTA GCAA AAACA AAGAT ATCAC AA AAAA
```