macrogen

```
         10        20        30        40        50        60        70        80        90       100       110       120
CCGG G GT  C G AG ATGC AAATA G GT GTT GA TAT AGAA TA GGGT CTCCTCCT CCGGCAGGGT CGAAG AAAGT AGT GTTTAAATTT C GGTCT GTT AAT AAT AT T GT AATT CCT GCAGCTAGTACT GGT
```

```
        130       140       150       160       170       180       190       200       210       220       230       240
AAAGATAAT AGTA GTAATAC GGCT GTAATTAATAC GGATCATACAAATAGT GGT GTTT GGTATTG GGAGAGAGCT GGT GGTTTT ATATT GAT GATAGTT GTAATAAAGTT AATAGCACCTAGAA
```

```
        250       260       270       280       290       300       310       320       330       340       350       360       370
TTGAT GAAACT CCTGCTAAAT GTAGT GAGAAAATGGT TAGGT CGACGGAGGCTCCTGCATGGGCT AGGTTTCCAGCTAAAGGAGGGT AGACTGTT CAGCCGGTGCCTGCTCCAGCTTCAACTATAG
```

```
        380       390       400       410       420       430       440       450       460       470       480       490
AAGAGGCAAGTAGT AATAGGAAAGAAGGGGG AAGCAGTCAGAAGCTTATATTGTTTATTCGTGGGAAGGCTATAT CGGGAGCTCCAATTATCAGAGGAACTAGTCAATTTCCAAATCCTCCAATT
```

```
500       510       520       530       540       550       560       570       580       590       600       610       620
ATAATTGGTATAACTATGAAGAAAATTATTACAAAGGCATGGGCAGTTACAATTACATTATAAATCTGGTCGTCTCCTAGAAGAGCTCCTGGTTGACCTAGTTCAGCTCGGATAAGAAGACTTA
```

```
         630         640         650         660         670         680         690         700         710         720         730         740
GGGCAGTTCCTACTATACCTGCTCAGGCACCAAATAGGAGATATAAAGTGCCCATCTCCTTCTGGTTGGTTGAGAACTGGGCCCCTTTTTTAACAAAGAAGGAGGGGACCCAAAAAAAAAGAG
```
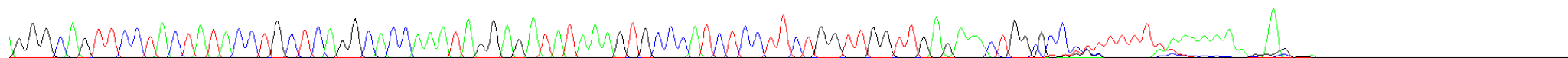


```
 750         760         770
GAGACAACAGAGACAACGAAACAGGG
```