macrogen
EUROPE

```
        10        20        30        40        50        60        70        80        90       100       110       120
T A T T  G G T C   CGCTGCGT GAT GT  T GGT GA ACC GCG AACGGCTCATTAC ACAGCTATTATTTACTTGATTCTGACATCCTACGTGGATAACTGTGGTAATTCTAGAGCTAATACATGCACC
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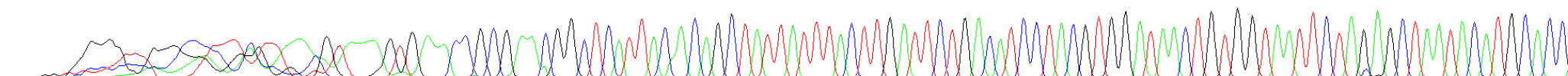
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      130       140       150       160       170       180       190       200       210       220       230       240
AAAGCTCCGATTTTTGACGAGCGCATCTATTAGATTAAAACCAATCGGGCTTCGGCTCGTGTTTTGGTGACTCTGAATAGCTATGGCTGATCGCATGGTCTTGTACCGGCGACGTGTCTATCAA
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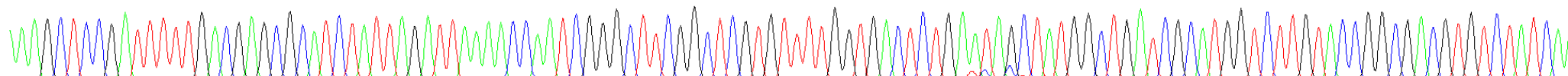
```
      250       260       270       280       290       300       310       320       330       340       350       360
GTGTCTGCCTTATCAACTTTCGATGGTAGTTTATGTGCCTACCATGGTTGTTACGGGTAACGGATAATAAGGGTTCGACTCCGGAGAGGGAGCCTGAGAAACGGCTACCACATCCCAGGAAGGC
```
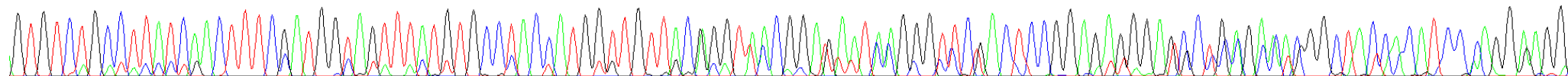
```
      370       380       390       400       410       420       430       440       450       460       470       480       490
AGCTCGCGCGAATTTTACCCACTCTCGGCATGAGGAGGTACTGACGAATTAATTCGATGCAGCTCGCAGAACCGTACCAAAGCTTGACGTGAACCGGATAGACCTGTAAACAAGTACCCCGCTT
```
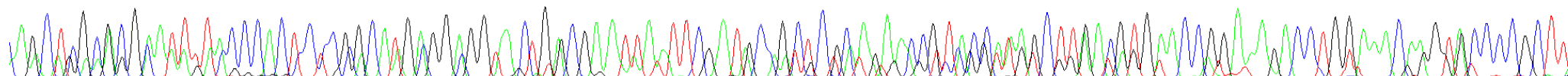
```
      500       510       520       530       540       550       560       570       580       590       600       610
GCGGTCGGTTTACAGGTGGTGCATGGTTGTCGTCAGCTCGTGTCGTGAGATGTTGGGTTAAGTCCCGCAACGAGCGCAACCCTCGTTCTATGTTGCCAGCGCGTTATGGCGGGGACTCATAGGA
```
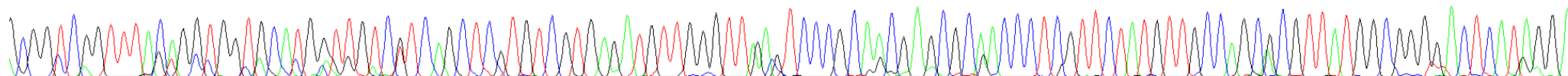
```
620        630         640        650         660        670         680        690         700        710         720        730
GACTGCCGGGGTCAACTCGGAGGAAGGTGGGGACGACGTCAAATCATCATGCCCCTTATGTCTTGGGCTTCACGCATGCTACAATGGCCGGTACAAAGGGTTGCGATACTGTGAAGTGGAGC
```
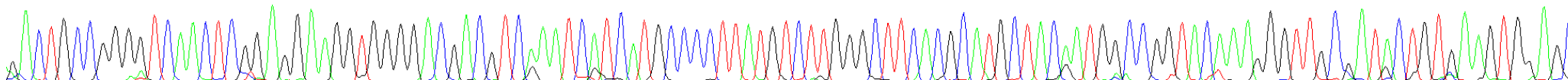


```
740        750         760        770         780        790         800        810         820        830         840        850        860
TAATCCCAAAAAGCCGGTCTCAGTTCGGATTGCGGTCTGCAACTCGACCCGGTGAATTCTCAGTCGATAGTGCTCACAAATCACCAACACTGCGGTGAATACATTCCCGGGCCTTGTACACAC
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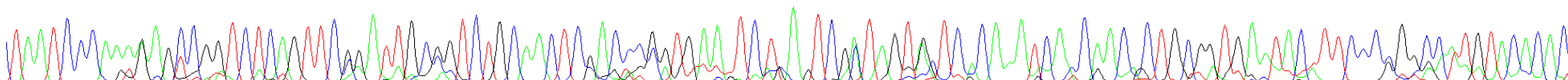


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870        880         890        900        910         920        930        940         950        960        970         980
CTCCCGTCAAGTCAGGAGAGTTCCTAACAGCCAAAGCCTGTGGCCAAAACCTTCTGGTGAGAGCCTACCATGTTGAGCGGTCAAAGGCGATCAGATACGCTATGTTTTTTGAGGAAAAAAAAAAAT
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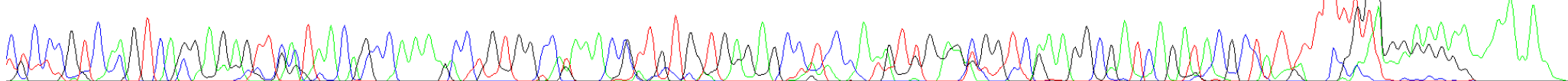


```
990        1000        1010        1020        1030        1040        1050        1060        1070        1080        1090        1100
AATATCTATATTTTATTTTGGGGTGTGGGGGGTGTCTGTCGAGGTGCGAATGGGGATGGGGGGGGGGAGGTGGGTCGGCGTTGGAGGGGAAGAGTGAGGGGGGCGAGGGGGGGGTGGG
```



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1110        1120        1130        1140        1150        1160        1170        1180        1190        1200
GGGGGAGGGGGTGAGGGGCTGAGGGTCGAGTGAAGGGCGACCGTGGACGCTGAAGCTGACAGAAAGATGGGTCGGGGGTATGGGGGTGGGGACGC
```