macrogen

```
        10          20          30          40          50          60          70          80          90         100         110         120
T A C   T G   T C TA T TA T T G C G G A CC CTA G A GG TC CC CT T TTT T TAT TTT AAAA AT TTT TTT CC ACAAAA CGG TTT ACAAG CAT AAAAT CT CTG ATAG A CC GGGG G ACTTAT CAT C CAAC CTG TTAAAAG
```



```
    130         140         150         160         170         180         190         200         210         220         230         240
GT ACT CC GGGG ATAACAGG CTG A TACC GC CCAAGAG TT CAT AT C GACGG CG G TG TTT GG CAC CT CGATGT C GG CTCAT CACAT CCTGGGGCTGAAGC C GGT CCCAAGG G TAT GGCT GTTC GCC AT
```



```
    250         260         270         280         290         300         310         320         330         340         350         360         370
TTAAAGTGGTAC GCGAGCTGGG TTTAGAACGT C GTGAG ACAGTT CGGT CCCTAT CT GCCGTGGACGTTTGAGATTTGAGAGGGGCTGCT CCTAGTACGAGAGGACC GGAGTGGACGAACCTCTG
```



```
    380         390         400         410         420         430         440         450         460         470         480         490
GTGTT CC GGTTGT CACGCCAGTGGCATTGCCGGGTAGCTATGTT CGGAAGAGATAACCGCTGAAAGCATCTAAGCGGGAAACTTGCCTCAAGATGAGATCT CACTGGGGATCTTGAATCCCCTAAA
```



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

630
TGT GGTGGTGGG G ACCGA A AAGCC AA T AAT GGTATT GC CGCCGC TAT AG C GATGCTAA TT CGT TGGGCTA GC GATC ACC ACCTC GT GAAGT C TGAAT GTC TT GAT GAT C AAGA ATGAA
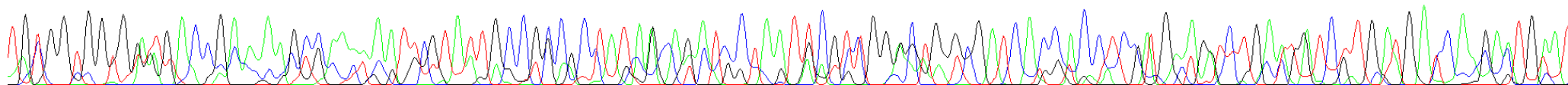
740
TTGCAAGAAACCTGCAT CTT ATT A AAACGGAGGT AGTG AAAC AATGCATG GGACTGCAGTAGAGTGCT GCC GACAGAACACC AA CC AGAC GTT C AT CAAC AA GA TGCATT ATCTT ACAGA CCGT
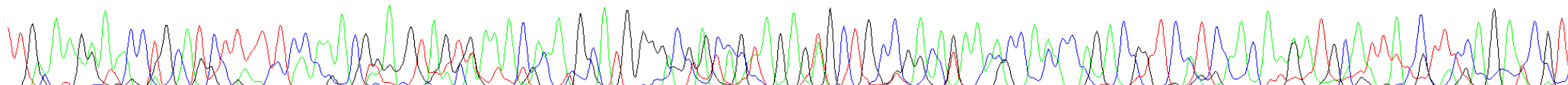
870
C TCC GAC G AAGT AC AA AGC AGGA GGG G AATTATCC TCCA GGT AGAT GGGCT GC ATCC CT AA CC AT GACCCC ACC AGAA T AC GGCGGGGG ATTTT AG TCC CTC CCCA AAGAAA CAAATTGGGGGGAGG GC
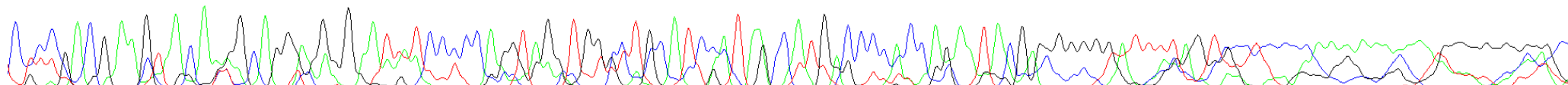
1000
CCACAAATTTTTTTTTGGCCC AAAAAAGAAA AAAAAC CCC CCCC C CCG GG GGAAAAC AAAAAAG GGGGTTTT GG GGAAAA A AA AAA C CCC A ATAT AAAC C CCCCC CCC G ACAAAA GGGGGGGAACAACCCCCC CCCC A
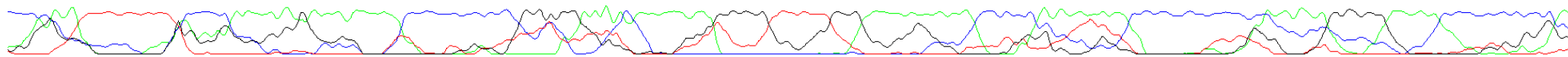
1140
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