macrogen

```
          10             20           30           40           50           60           70           80           90          100          110          120
C C  G G    C T  A  T T  G C  G G A C C C  T A G  A G G T C  C C C T T T  T  T T A T T T T  A A A A A T T T  T T T C A C A A A A C G G T T T  A C A A G C A T A A A A T  C T  C T G  A A G A T  G T  G T A T  A A G A G  A C A G C C  G T T  C T A C A A C T T  C G C T C
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          130          140          150          160          170          180          190          200          210          220          230          240
A C A T G C C T G A G  A A A G T T  G G C C T G G  A C T  G C T  G G C A C G A A G C  C A A G G  A A G C A G G C  G T T  G C  G T A C A A G G C  T C C G G C C  A A C T C C  T A C C A C A T T  C A C A T  G C C  G A G C A A C A C C  G C T  A C C G G T  C T G T T C A T G
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          250          260          270          280          290          300          310          320          330          340          350          360          370
G G C C T G T T C C T  G A C T  G T C T T C  G G C T T C G C  C T T C A T  C T  G G C A C A T C T  G G T  G G C T  G G T T  G G C G C  G A G C C T  G G T T G C A A C C A T C G C T  G T C T T C  G A T  C G C C A C G C T  G C A C G T G A C G A C C A G G G C T A C A T
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          380          390          400          410          420          430          440          450          460          470          480          490
G G T T C C  G G C C  G A A G A A G T  G G C G C G C A T  C G A A G G C G A G C  G T A T  G A A A G C G C T  G G C C A A A G C A G G T  G C T C T  G C C T  G C C  G G C G C A C G T G T  C G A A T C  G T T T  G A G C G G G T G T A A T  C A A T G T C C A G T C A A G
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          500          510          520          530          540          550          560          570          580          590          600          610          620
T A A T G C A C G G C G C T  G C T C A T G G T  C A C G A C C A T  G G G C A T G A C  G A C C A C C A C C A C  G A C T C  G G G  C C A G A T  G A C C  G T A C T  G G G C T T  C T  G G C T  G T A C C T  G A T  G A C C  G A C T G C A T  C C T  G T T T  G C  G T C  G C T
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630   640   650   660   670   680   690   700   710   720   730   740

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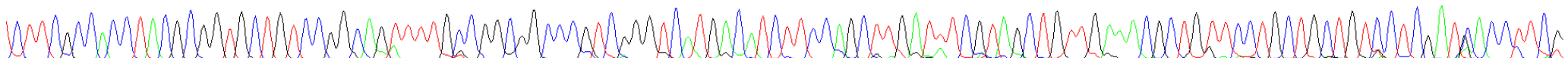
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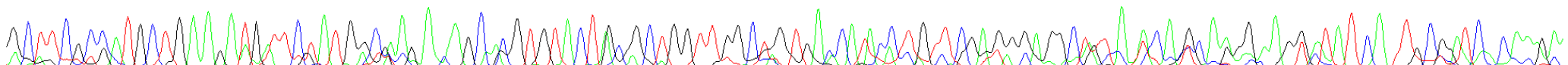
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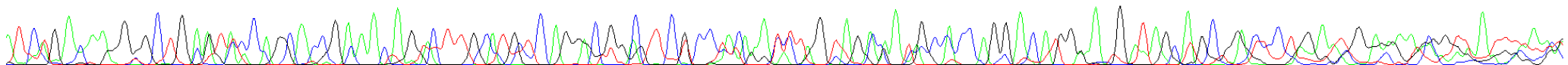
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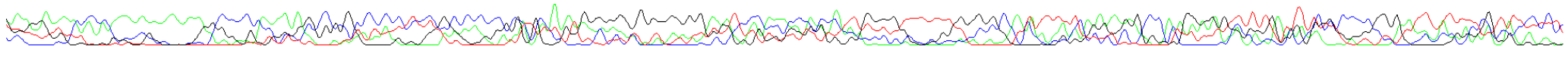
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