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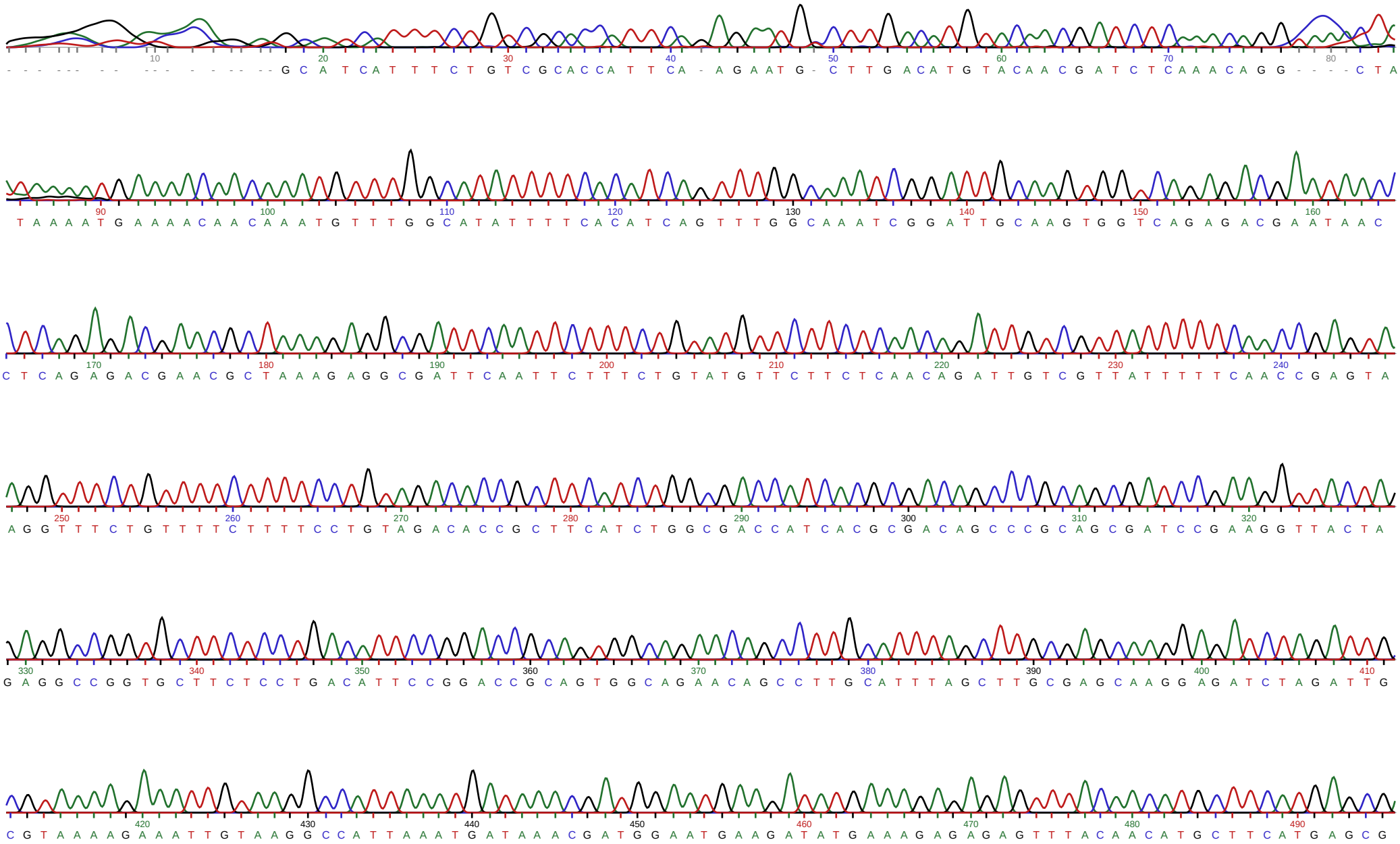

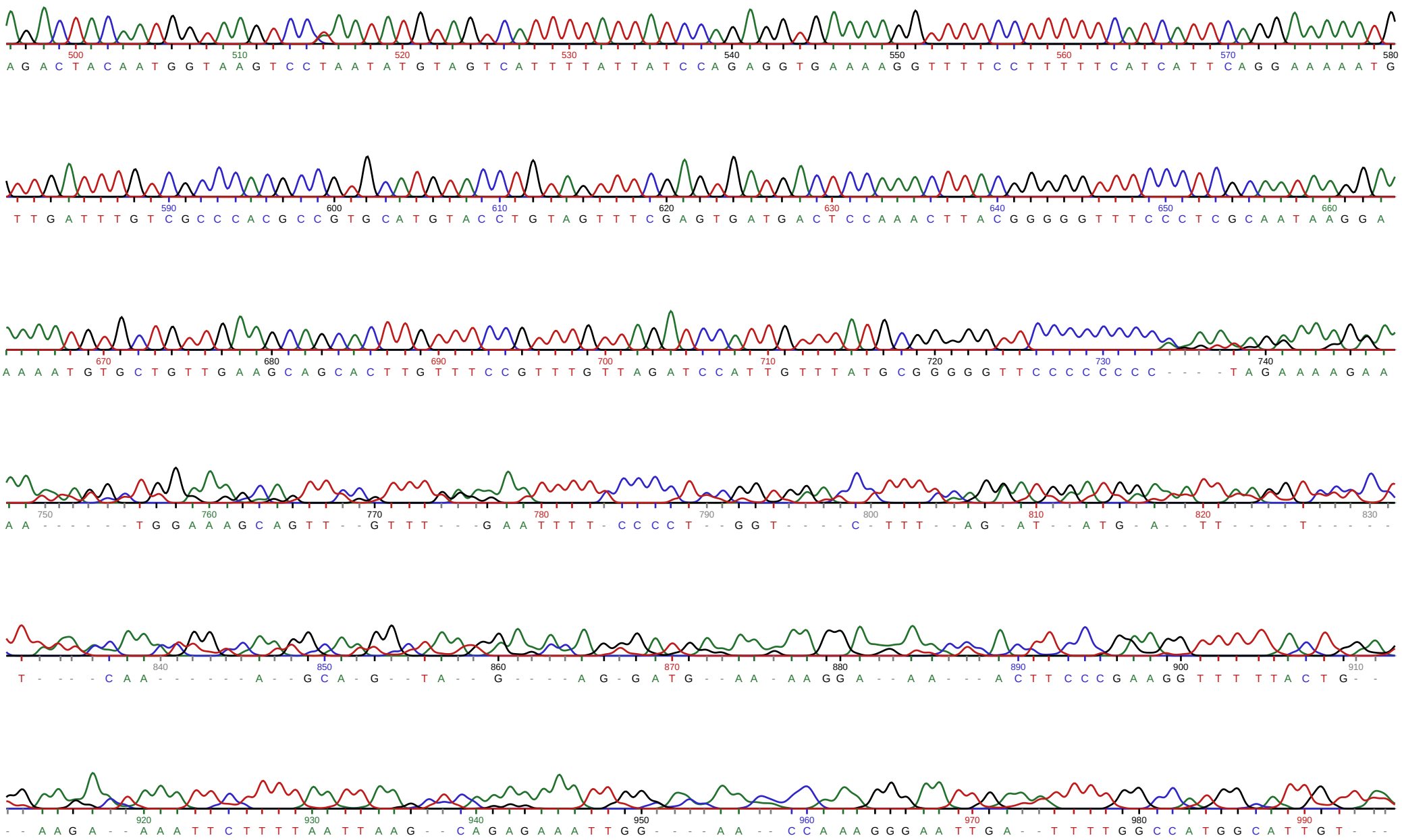
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T T G A T T T G T C G C C C A C G C C G T G C A T G T A C C T G T A G T T T C G A G T G A T G A C T C C A A A C T T A C G G G G G G T T T C C C T C G C A A T A A G G A
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A A - - - - - - T G G A A A G C A G T T - - G T T T - - - G A A T T T T - C C C C T - - G G T - - - - C - T T T - - A G - A T - - A T G - A - - T T - - - - T - - - - -
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T - - - C A A - - - - - - A - - G C A - G - - T A - - G - - - - A G - G A T G - - A A - A A G G A - - A A - - - A C T T C C C G A A G G T T T T T A C T G - -
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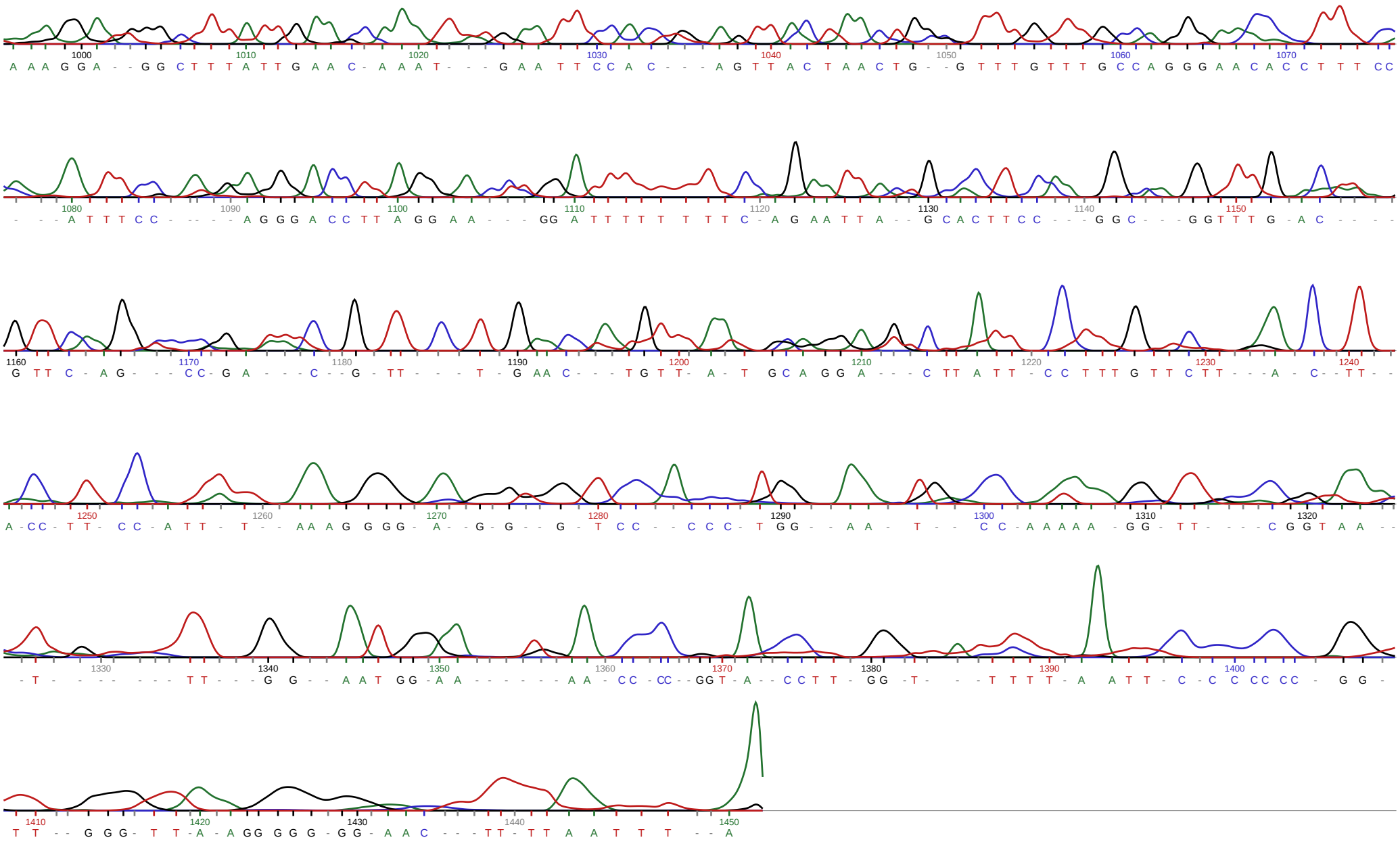
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- T - - - - - - - T T - - - G G - - A A T G G - A A - - - - - - - A A - C C - C C - G G T - A - - C C T T - G G - T - - - T T T T - A A T T - C - C C C C C - G G -
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T T - - G G G - T T - A - A G G G G G - G G - A A C - - - T T - T T A A T T T - - A