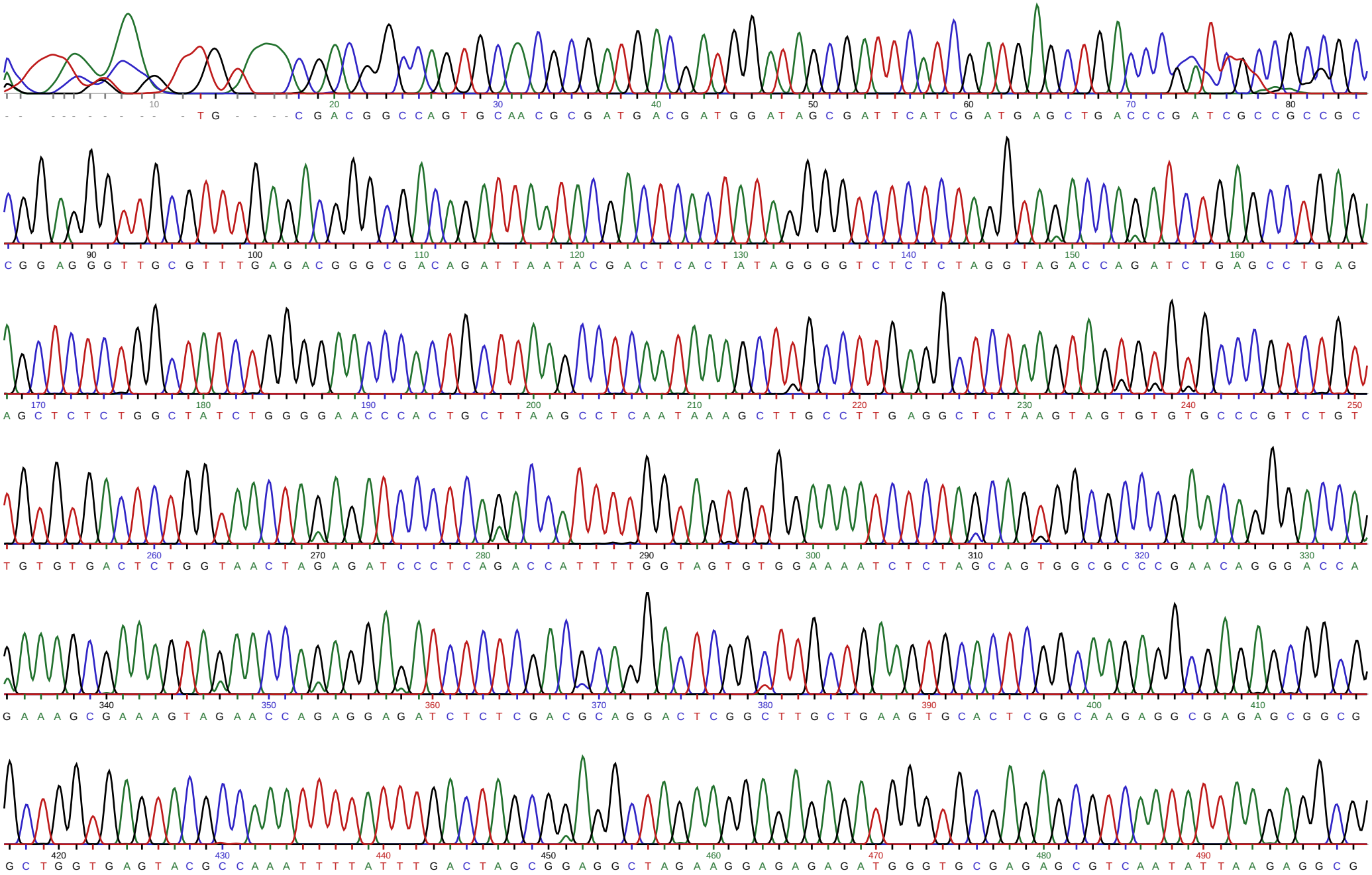
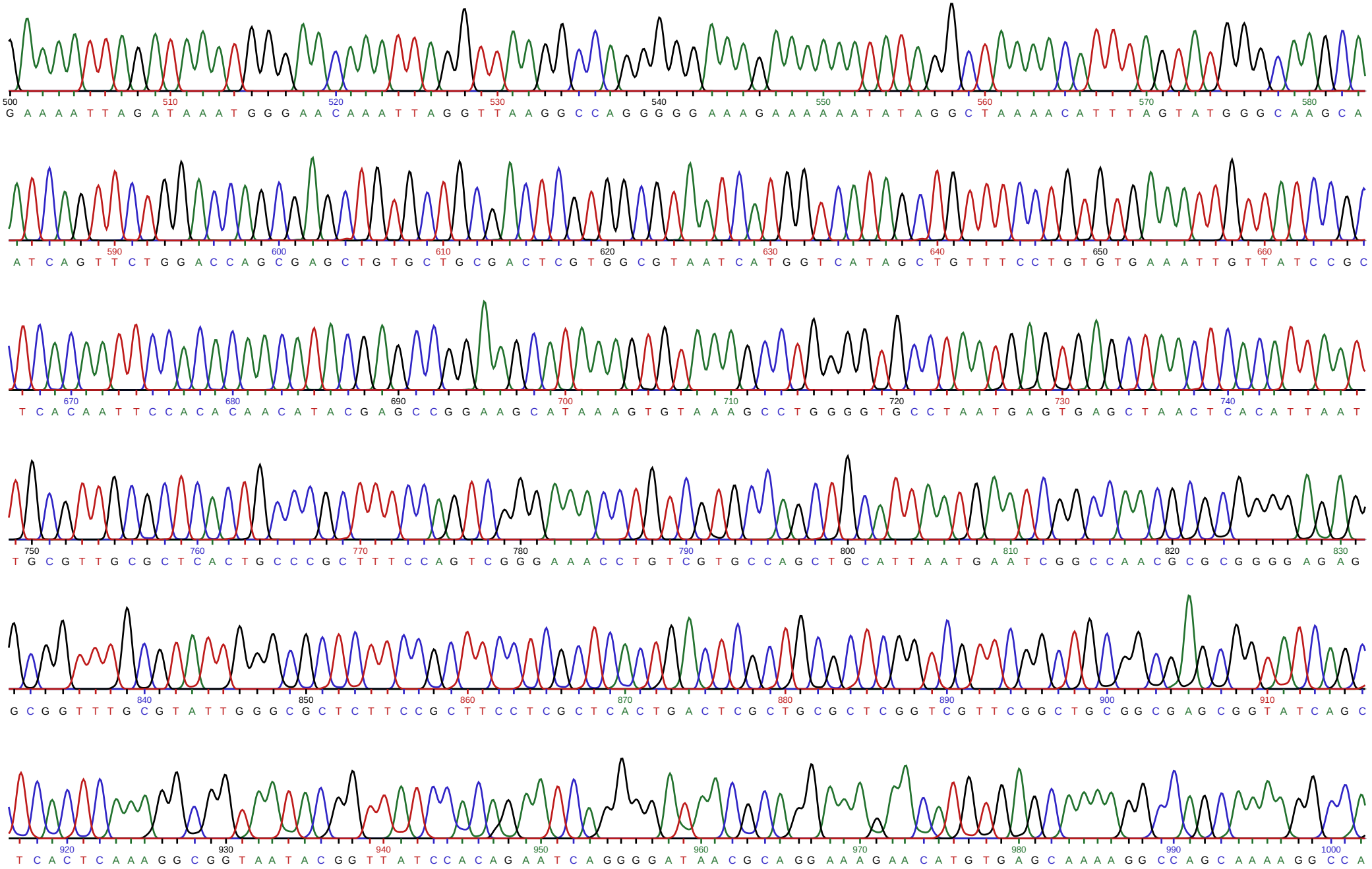
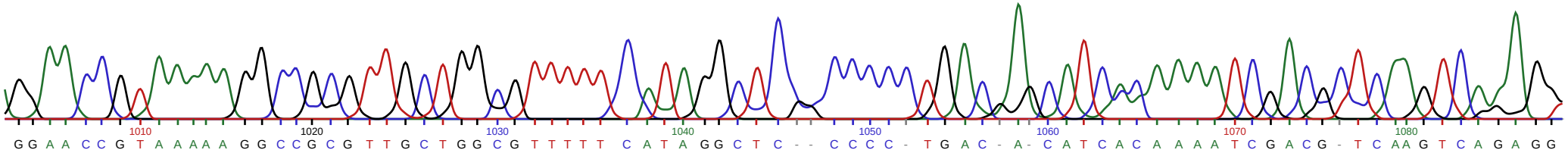
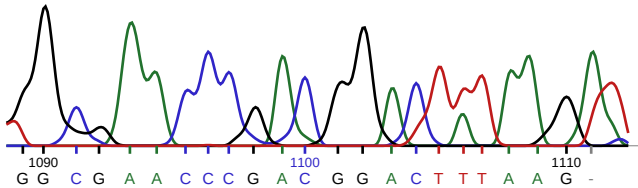

10 20 30 40 50 60 70 80
- - - - - - - - - - - T G - - - - C G A C G G C C A G T G C A A C G C G A T G A C G A T G G A T A G C G A T T C A T C G A T G A G C T G A C C C G A T C G C C G C C G C
90 100 110 120 130 140 150 160
C G G A G G G T T G C G T T T G A G A C G G G C G A C A G A T T A A T A C G A C T C A C T A T A G G G G T C T C T C T A G G T A G A C C A G A T C T G A G C C T G A G
170 180 190 200 210 220 230 240 250
A G C T C T C T G G C T A T C T G G G G A A C C C A C T G C T T A A G C C T C A A T A A A G C T T G C C T T G A G G C T C T A A G T A G T G T G T G C C C G T C T G T
260 270 280 290 300 310 320 330
T G T G T G A C T C T G G T A A C T A G A G A T C C C T C A G A C C A T T T T G G T A G T G T G G A A A A T C T C T A G C A G T G G C G C C C G A A C A G G G A C C A
340 350 360 370 380 390 400 410
G A A A G C G A A A A G T A G A A C C A G A G G A G A T C T C T C G A C G C A G G A C T C G G C T T G C T G A A G T G C A C T C G G C A A G A G G C G A G A G C G G C G
420 430 440 450 460 470 480 490
G C T G G T G A G T A C G C C A A A T T T T A T T T G A C T A G C G G A G G C T A G A A G G A G A G A G A T G G G T G C G A G A G C G T C A A T A T T A A G A G G C G


500 510 520 530 540 550 560 570 580
G A A A A T T A G A T A A A T G G G A A C A A A T T A G G T T A A G G C C A G G G G G A A A G A A A A A A T A T A G G C T A A A A C A T T T A G T A T G G G C A A G C A
590 600 610 620 630 640 650 660
A T C A G T T C T G G A C C A G C G A G C T G T G C T G C G A C T C G T G G C G T A A T C A T G G T C A T A G C T G T T T C C T G T G T G A A A T T G T T A T C C G C
670 680 690 700 710 720 730 740
T C A C A A T T C C A C A C A A C A T A C G A G C C G G A A G C A T A A A G T G T A A A G C C T G G G G T G C C T A A T G A G T G A G C T A A C T C A C A T T A A T
750 760 770 780 790 800 810 820 830
T G C G T T G C G C T C A C T G C C C G C T T T C C A G T C G G G A A A C C T G T C G T G C C A G C T G C A T T A A T G A A T C G G C C A A C G C G C G G G G A G A G
840 850 860 870 880 890 900 910
G C G G T T T G C G T A T T G G G C G C T C T T C C G C T T C C T C G C T C A C T G A C T C G C T G C G C T C G G T C G T T C G G C T G C G G C G A G C G G T A T C A G C
920 930 940 950 960 970 980 990 1000
T C A C T C A A A G G C G G T A A T A C G G T T A T C C A C A G A A T C A G G G G A T A A C G C A G G A A A G A A C A T G T G A G C A A A A G G C C A G C A A A A G G C C A


1010
1020
1030
1040
1050
1060
1070
1080
GGAACCGTAAAAAGGCCGCGTTGCTGGCGTTTTTCATAGGCTCCCCCCT-TGAC-A-CATCACAAAATCGACG-TCAAGTCAGAGG


1090
1100
1110
GG CG AACCCGACGGACTTTAAG-