

1130 1140 1150 1160 1170 1180 1190  
ACGATGCCTGTAGCAATGGCAACAACGTTGCGCAAACCTATTAAC TGGCGAACTACTTACTCTAGCTTCCC  
G0248171-1.seq(1>4778) → ACGATGCCTGTAGCAATGGCAACAACGTTGCGCAAACCTATTAAC TGGCGAACTACTTACTCTAGCTTCCC

1200 1210 1220 1230 1240 1250 1260  
GGCAACAATTAATAGACTGGATGGAGGCGGATAAAGTTGCAGGACCACTTCTGCGCTCGGCCCTTCCGGC  
G0248171-1.seq(1>4778) → GGCAACAATTAATAGACTGGATGGAGGCGGATAAAGTTGCAGGACCACTTCTGCGCTCGGCCCTTCCGGC

1270 1280 1290 1300 1310 1320 1330  
TGGCTGTTTTATTGCTGATAAATCTGGAGCCGGTGAGCGTGGGTCTCGCGGTATCATTGCAGCACTGGGG  
G0248171-1.seq(1>4778) → TGGCTGTTTTATTGCTGATAAATCTGGAGCCGGTGAGCGTGGGTCTCGCGGTATCATTGCAGCACTGGGG

1340 1350 1360 1370 1380 1390 1400  
CCAGATGGTAAGCCCTCCCGTATCGTAGTTATCTACACGACGGGGAGTCAGGCAACTATGGATGAACGAA  
G0248171-1.seq(1>4778) → CCAGATGGTAAGCCCTCCCGTATCGTAGTTATCTACACGACGGGGAGTCAGGCAACTATGGATGAACGAA

1410 1420 1430 1440 1450 1460 1470  
ATAGACAGATCGCTGAGATAGGTGCCTCACTGATTAAGCATTGGTAACTGTCAGACCAAGTTTACTCATA  
G0248171-1.seq(1>4778) → ATAGACAGATCGCTGAGATAGGTGCCTCACTGATTAAGCATTGGTAACTGTCAGACCAAGTTTACTCATA

1480 1490 1500 1510 1520 1530 1540  
TATACTTTAGATTGATTTAAAACCTTCATTTTTAATTTAAAAGGATCTAGGTGAAGATCCTTTTTGATAAT  
G0248171-1.seq(1>4778) → TATACTTTAGATTGATTTAAAACCTTCATTTTTAATTTAAAAGGATCTAGGTGAAGATCCTTTTTGATAAT

1550 1560 1570 1580 1590 1600 1610  
CTCATGACCAAAATCCCTTAACGTGAGTTTTTCGTTCCACTGAGCGTCAGACCCCGTAGAAAAGATCAAAG  
G0248171-1.seq(1>4778) → CTCATGACCAAAATCCCTTAACGTGAGTTTTTCGTTCCACTGAGCGTCAGACCCCGTAGAAAAGATCAAAG

1620 1630 1640 1650 1660 1670 1680  
GATCTTCTTGAGATCCTTTTTTTCTGCGCGTAATCTGCTGCTTGCAAACAAAAAACCACCGCTACCAGC  
G0248171-1.seq(1>4778) → GATCTTCTTGAGATCCTTTTTTTCTGCGCGTAATCTGCTGCTTGCAAACAAAAAACCACCGCTACCAGC

1690 1700 1710 1720 1730 1740 1750  
GGTGGTTTGTGGCCGGATCAAGAGCTACCAACTCTTTTTCCGAAGGTAAGTGGCTTCAGCAGAGCGCAG  
G0248171-1.seq(1>4778) → GGTGGTTTGTGGCCGGATCAAGAGCTACCAACTCTTTTTCCGAAGGTAAGTGGCTTCAGCAGAGCGCAG

1760 1770 1780 1790 1800 1810 1820  
ATACCAAATACTGTTCTTCTAGTGTAGCCGTAGTTAGGCCACCACTTCAAGAACTCTGTAGCACCGCCTA  
G0248171-1.seq(1>4778) → ATACCAAATACTGTTCTTCTAGTGTAGCCGTAGTTAGGCCACCACTTCAAGAACTCTGTAGCACCGCCTA

1830 1840 1850 1860 1870 1880 1890  
CATACTCGCTCTGCTAATCCTGTTACCAGTGGCTGCTGCCAGTGGCGATAAGTCGTGTCTTACCGGGTT  
G0248171-1.seq(1>4778) → CATACTCGCTCTGCTAATCCTGTTACCAGTGGCTGCTGCCAGTGGCGATAAGTCGTGTCTTACCGGGTT

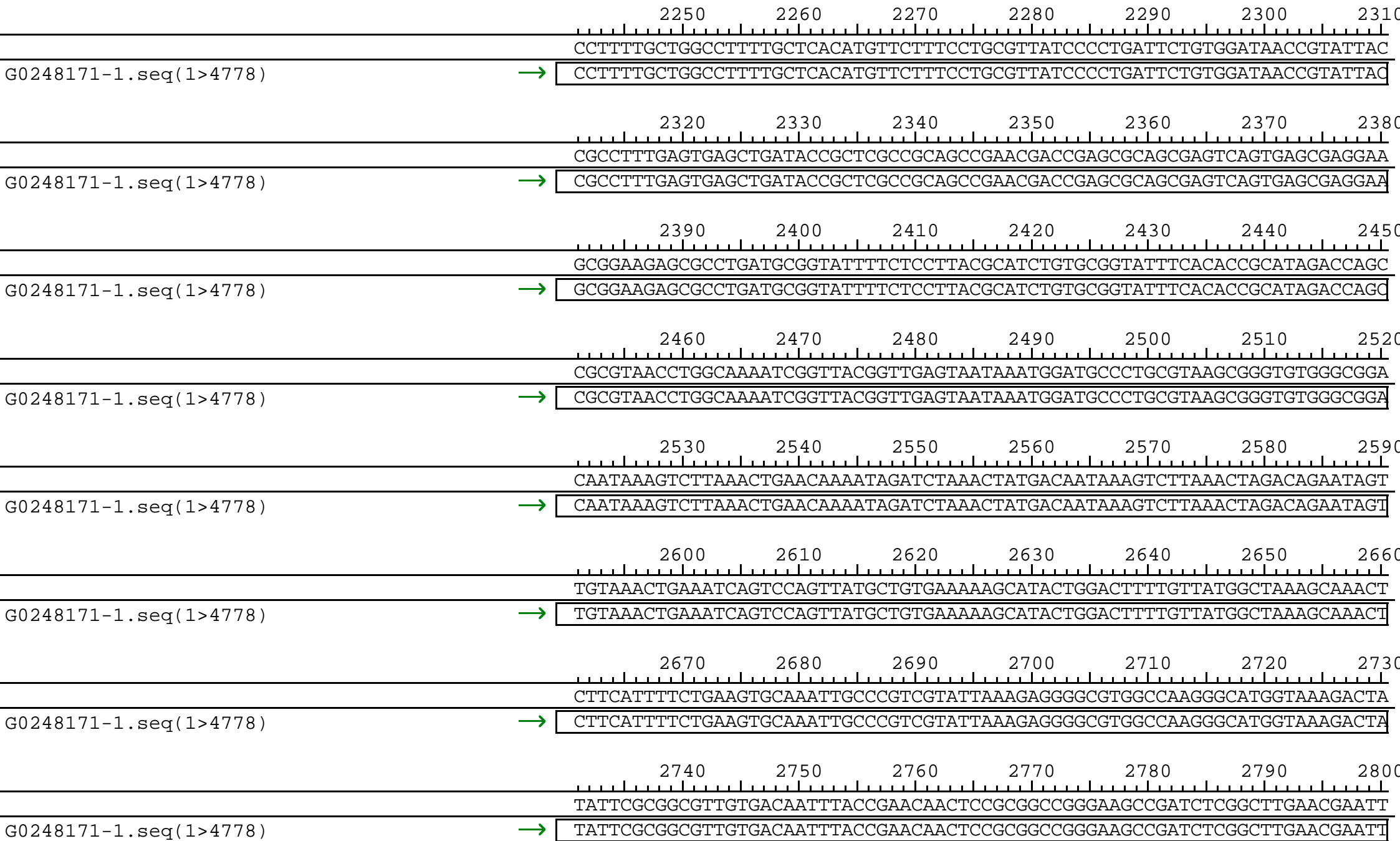
1900 1910 1920 1930 1940 1950 1960  
GGACTCAAGACGATAGTTACCGGATAAGGCGCAGCGGTCGGGCTGAACGGGGGGTTCGTGCACACAGCCC  
G0248171-1.seq(1>4778) → GGACTCAAGACGATAGTTACCGGATAAGGCGCAGCGGTCGGGCTGAACGGGGGGTTCGTGCACACAGCCC

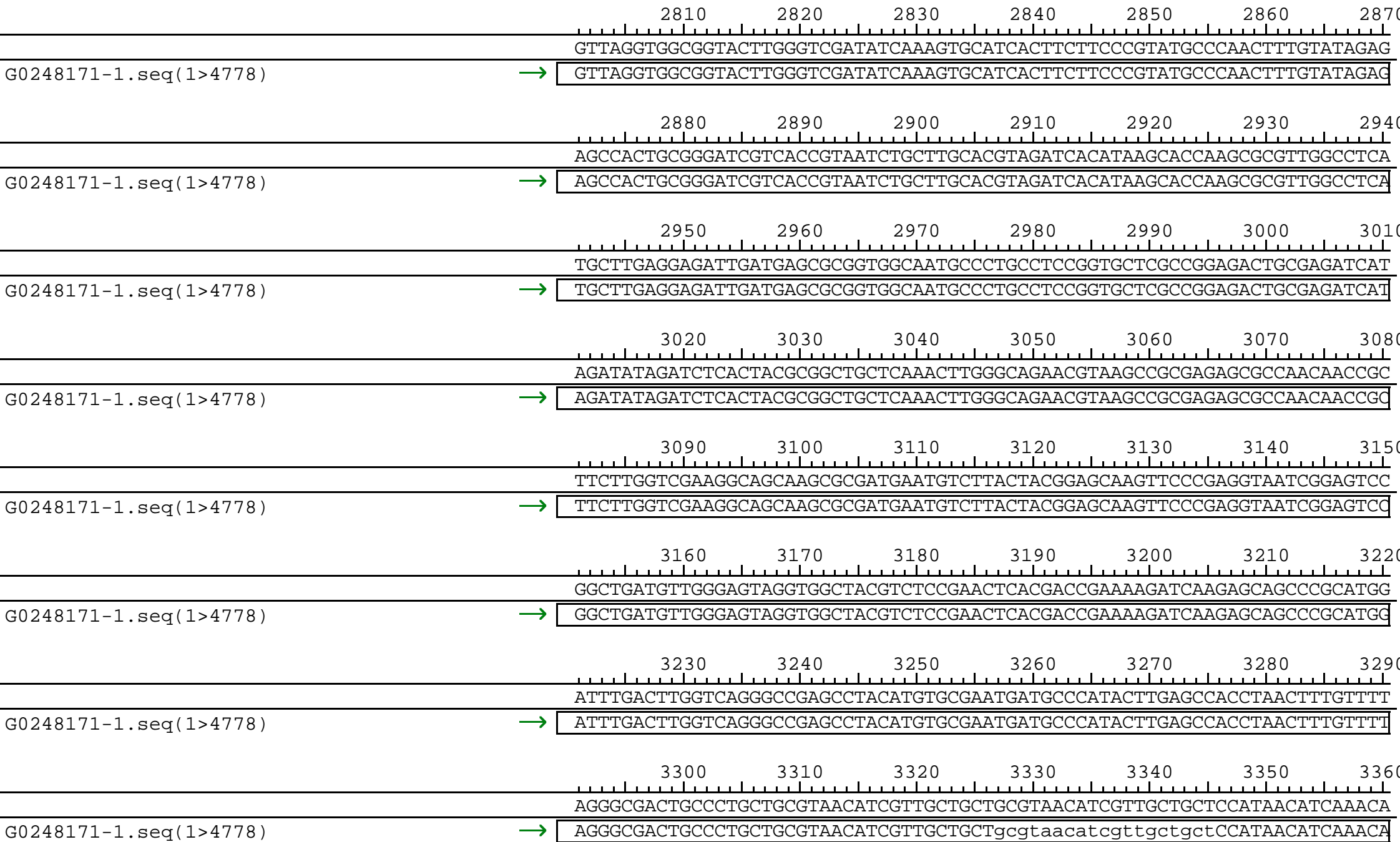
1970 1980 1990 2000 2010 2020 2030  
AGCTTGGAGCGAACGACCTACACCGAACTGAGATACCTACAGCGTGAGCTATGAGAAAGCGCCACGCTTC  
G0248171-1.seq(1>4778) → AGCTTGGAGCGAACGACCTACACCGAACTGAGATACCTACAGCGTGAGCTATGAGAAAGCGCCACGCTTC

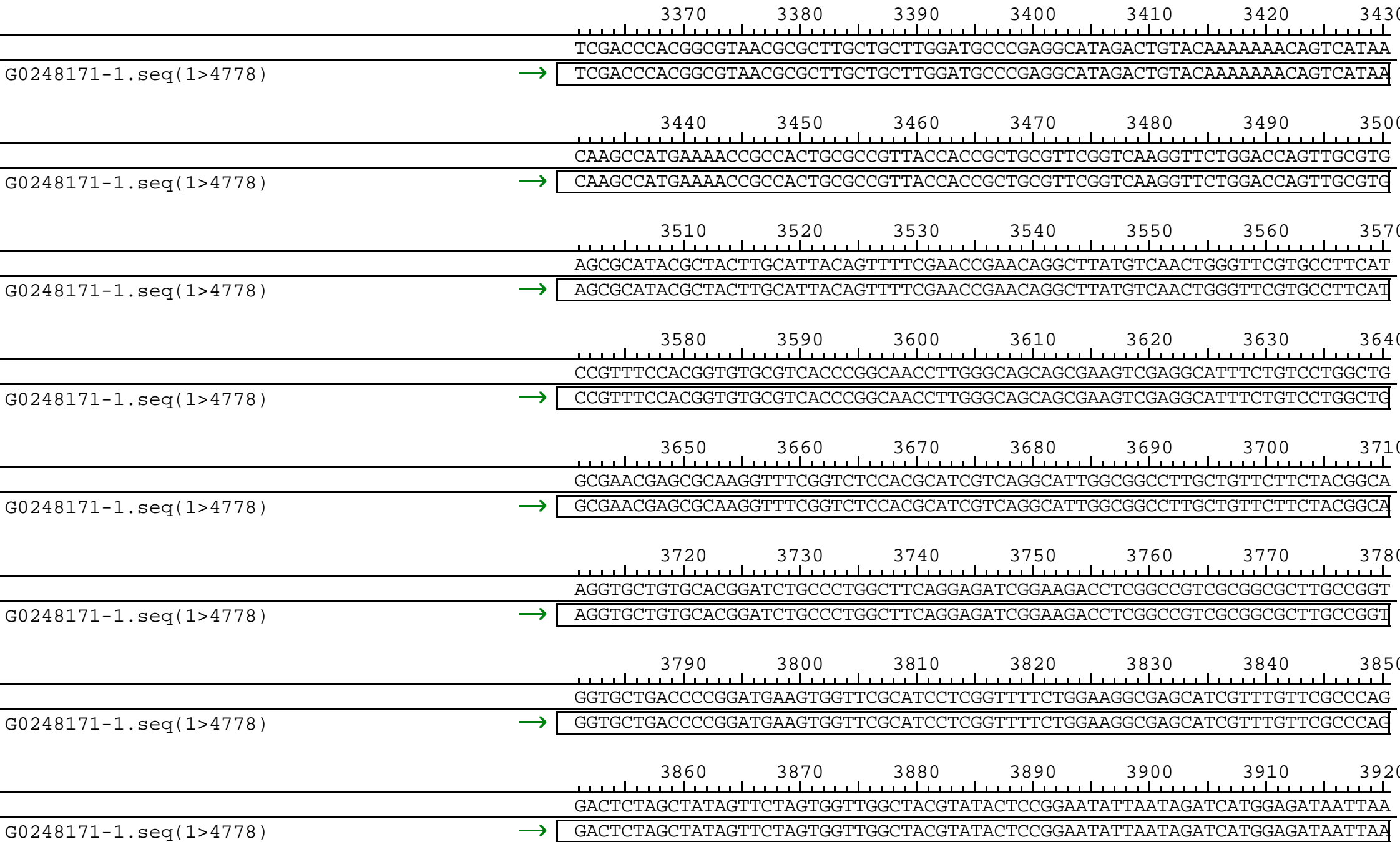
2040 2050 2060 2070 2080 2090 2100  
CCGAAGGGAGAAAGGCGGACAGGTATCCGGTAAGCGGCAGGGTCGGAACAGGAGAGCGCACGAGGGAGCT  
G0248171-1.seq(1>4778) → CCGAAGGGAGAAAGGCGGACAGGTATCCGGTAAGCGGCAGGGTCGGAACAGGAGAGCGCACGAGGGAGCT

2110 2120 2130 2140 2150 2160 2170  
TCCAGGGGAAACGCCTGGTATCTTTATAGTCCTGTCGGGTTTCGCCACCTCTGACTTGAGCGTCGATTT  
G0248171-1.seq(1>4778) → TCCAGGGGAAACGCCTGGTATCTTTATAGTCCTGTCGGGTTTCGCCACCTCTGACTTGAGCGTCGATTT

2180 2190 2200 2210 2220 2230 2240  
TTGTGATGCTCGTCAGGGGGCGGAGCCTATGGAAAACGCCAGCAACGCGGCCTTTTTACGTTTCCTGG  
G0248171-1.seq(1>4778) → TTGTGATGCTCGTCAGGGGGCGGAGCCTATGGAAAACGCCAGCAACGCGGCCTTTTTACGTTTCCTGG







3930 3940 3950 3960 3970 3980 3990  
AATGATAACCATCTCGCAAATAAATAAGTATTTTACTGTTTTCTGTAACAGTTTTTGTAAATAAAAAAACCTA  
G0248171-1.seq(1>4778) → AATGATAACCATCTCGCAAATAAATAAGTATTTTACTGTTTTCTGTAACAGTTTTTGTAAATAAAAAAACCTA  
A02-E41855-G0248171-1\_pFastBac-F.ab1(1>795) → CAGTTTTTGTAAATAAAAAAACCTA

4000 4010 4020 4030 4040 4050 4060  
TAAATATTCCGGATTATTCATACCGTCCCACCATCGGGCGCGGATCCCGGTCCGAAGCGCGCGGAATTCA  
G0248171-1.seq(1>4778) → TAAATATTCCGGATTATTCATACCGTCCCACCATCGGGCGCGGATCCCGGTCCGAAGCGCGCGGAATTCA  
A02-E41855-G0248171-1\_pFastBac-F.ab1(1>795) → TAAATATTCCGGATTATTCATACCGTCCCACCATCGGGCGCGGATCCCGGTCCGAAGCGCGCGGAATTCA

4070 4080 4090 4100 4110 4120 4130  
AAGGCCTACGTCGACGAGCTCACTAGTCGCGGCCGCTTTCGAATCTAGAGCCTGCAGTCTCGAGGCATGC  
G0248171-1.seq(1>4778) → AAGGCCTACGTCGACGAGCTCACTAGTCGCGGCCGCTTTCGAATCTAGAGCCTGCAGTCTCGAGGCATGC  
A02-E41855-G0248171-1\_pFastBac-F.ab1(1>795) → AAGGCCTACGTCGACGAGCTCACTAGTCGCGGCCGCTTTCGAATCTAGAGCCTGCAGTCTCGAGGCATGC

4140 4150 4160 4170 4180 4190 4200  
GGTACCAAGCTTGTCGAGAAGTACTAGAGGATCATAATCAGCCATAACCACATTTGTAGAGGTTTTACTTGG  
G0248171-1.seq(1>4778) → GGTACCAAGCTTGTCGAGAAGTACTAGAGGATCATAATCAGCCATAACCACATTTGTAGAGGTTTTACTTGG  
A02-E41855-G0248171-1\_pFastBac-F.ab1(1>795) → GGTACCAAGCTTGTCGAGAAGTACTAGAGGATCATAATCAGCCATAACCACATTTGTAGAGGTTTTACTTGG

4210 4220 4230 4240 4250 4260 4270  
CTTTAAAAAACCTCCCACACCTCCCCCTGAACCTGAAACATAAAAATGAATGCAATTGTTGTTGTTAACTT  
G0248171-1.seq(1>4778) → CTTTAAAAAACCTCCCACACCTCCCCCTGAACCTGAAACATAAAAATGAATGCAATTGTTGTTGTTAACTT  
A02-E41855-G0248171-1\_pFastBac-F.ab1(1>795) → CTTTAAAAAACCTCCCACACCTCCCCCTGAACCTGAAACATAAAAATGAATGCAATTGTTGTTGTTAACTT

4280 4290 4300 4310 4320 4330 4340  
GTTTATTGCAGCTTATAATGGTTACAAATAAAGCAATAGCATCACAAATTTACAAATAAAGCATTTTTTT  
G0248171-1.seq(1>4778) → GTTTATTGCAGCTTATAATGGTTACAAATAAAGCAATAGCATCACAAATTTACAAATAAAGCATTTTTTT  
A02-E41855-G0248171-1\_pFastBac-F.ab1(1>795) → GTTTATTGCAGCTTATAATGGTTACAAATAAAGCAATAGCATCACAAATTTACAAATAAAGCATTTTTTT

4350 4360 4370 4380 4390 4400 4410  
TCACTGCATTCTAGTTGTGGTTTTGTCCAAACTCATCAATGTATCTTATCATGTCTGGATCTGATCACTGC  
G0248171-1.seq(1>4778) → TCACTGCATTCTAGTTGTGGTTTTGTCCAAACTCATCAATGTATCTTATCATGTCTGGATCTGATCACTGC  
A02-E41855-G0248171-1\_pFastBac-F.ab1(1>795) → TCACTGCATTCTAGTTGTGGTTTTGTCCAAACTCATCAATGTATCTTATCATGTCTGGATCTGATCACTGC



4420 4430 4440 4450 4460 4470 4480  
TTGAGCCTAGGAGATCCGAACCAGATAAGTGAAATCTAGTTCCAAACTATTTTGTTCATTTTAAATTTTCG  
G0248171-1.seq(1>4778) → TTGAGCCTAGGAGATCCGAACCAGATAAGTGAAATCTAGTTCCAAACTATTTTGTTCATTTTAAATTTTCG  
A02-E41855-G0248171-1\_pFastBac-F.ab1(1>795) → TTGAGCCTAGGAGATCCGAACCAGATAAGTGAAATCTAGTTCCAAACTATTTTGTTCATTTTAAATTTTCG

4490 4500 4510 4520 4530 4540 4550  
TATTAGCTTACGACGCTACACCCAGTTCCCATCTATTTTGTCACTCTTCCCTAAATAATCCTTAAAAACT  
G0248171-1.seq(1>4778) → TATTAGCTTACGACGCTACACCCAGTTCCCATCTATTTTGTCACTCTTCCCTAAATAATCCTTAAAAACT  
A02-E41855-G0248171-1\_pFastBac-F.ab1(1>795) → TATTAGCTTACGACGCTACACCCAGTTCCCATCTATTTTGTCACTCTTCCCTAAATAATCCTTAAAAACT

4560 4570 4580 4590 4600 4610 4620  
CCATTTCCACCCCTCCCAGTTCCCAAC TATTTTGTCCGCCACAGCGGGGCATTTTCTTCTGTTATGT  
G0248171-1.seq(1>4778) → CCATTTCCACCCCTCCCAGTTCCCAAC TATTTTGTCCGCCACAGCGGGGCATTTTCTTCTGTTATGT  
A02-E41855-G0248171-1\_pFastBac-F.ab1(1>795) → CCATTTCCACCCCTCCCAGTTCCCAAC TATTTTGTCCGCCACAGCGGGGCATTTTCTTCTGTTATGT

4630 4640 4650 4660 4670 4680 4690  
TTTTAATCAAACATCCTGCCAACTCCATGTGACAAACCGTCATCTTCGGCTACTTTTTCTCTGTCACAGA  
G0248171-1.seq(1>4778) → TTTTAATCAAACATCCTGCCAACTCCATGTGACAAACCGTCATCTTCGGCTACTTTTTCTCTGTCACAGA  
A02-E41855-G0248171-1\_pFastBac-F.ab1(1>795) → TTTTAATCAAACATCCTGCCAACTCCATGTGACAAACCGTCATCTTCGGCTACTTTTTCTCTGTCACAGA

4700 4710 4720 4730 4740 4750 4760  
ATGAAAATTTTCTGTTCATCTCTTCGTTATTAATGTTTGTAAATTGACTGAATATCAACGCTTATTTGCAG  
G0248171-1.seq(1>4778) → ATGAAAATTTTCTGTTCATCTCTTCGTTATTAATGTTTGTAAATTGACTGAATATCAACGCTTATTTGCAG  
A02-E41855-G0248171-1\_pFastBac-F.ab1(1>795) → ATGAAAATTTTCTGTTCATCTCTTCGTTATTAATGTTTGTAAATTGACTGAATATCAACGCTTATTTGCAG

4770  
CCTGAATGGCGAATGG  
G0248171-1.seq(1>4778) → CCTGAATGGCGAATGG  
A02-E41855-G0248171-1\_pFastBac-F.ab1(1>795) → CC