

1060 1070 1080 1090 1100 1110 1120
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G0268117-1.seq(1>7154) → GAAAGGTTTTGCACCATTTCGATGGTGTTCGGAATTTTCGGGCAGCGTTGGGTCTGGCCACGGGTGCC

1130 1140 1150 1160 1170 1180
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G0268117-1.seq(1>7154) → CATGATCTAGAGCTGCCTCGCGCGTTTCGGTGATGACGGTGAAAACCTCTGACACATGCAGCTCCC

1190 1200 1210 1220 1230 1240 1250
GGAGACGGTCACAGCTTGTCTGTAAGCGGATGCCGGGAGCAGACAAGCCCGTCAGGGCGCGTCAGC
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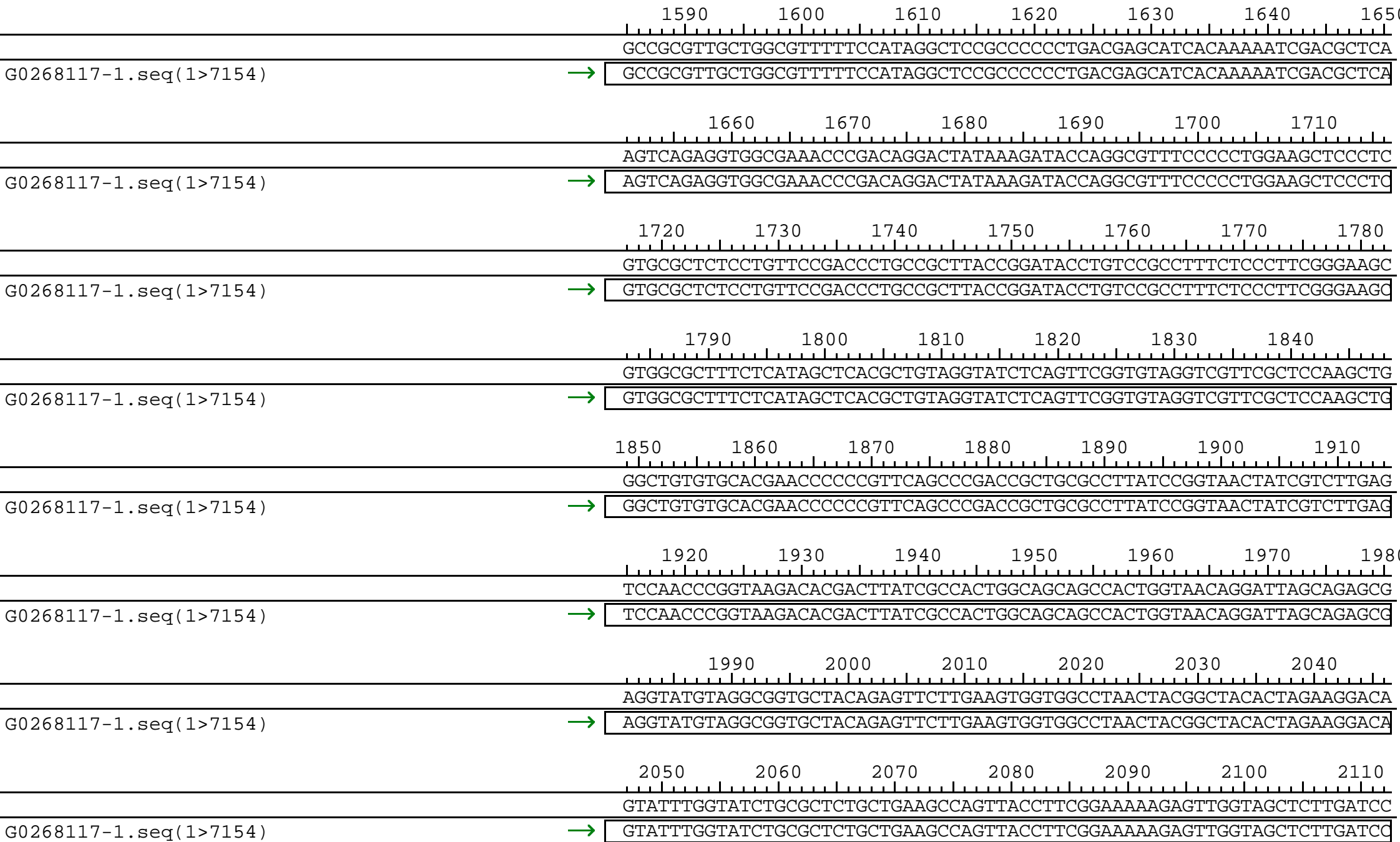
1260 1270 1280 1290 1300 1310 1320
GGGTGTTGGCGGGTGTTCGGGGCGCAGCCATGACCCAGTCACGTAGCGATAGCGGAGTGTATACTGG
G0268117-1.seq(1>7154) → GGGTGTTGGCGGGTGTTCGGGGCGCAGCCATGACCCAGTCACGTAGCGATAGCGGAGTGTATACTGG

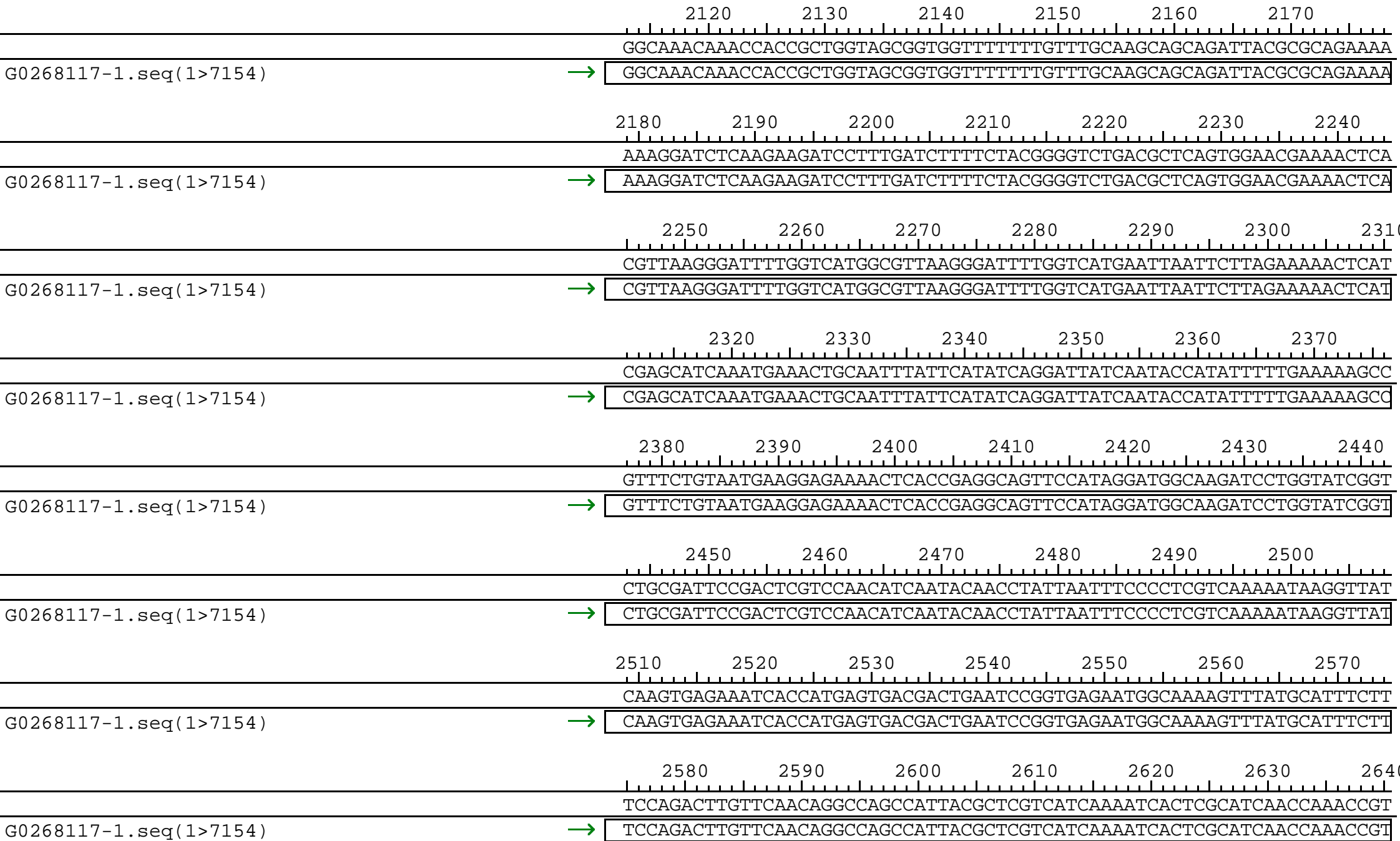
1330 1340 1350 1360 1370 1380
CTTAACTATGCGGCATCAGAGCAGATTGTAAGTGTACTGAGAGTGCACCATATGCGGTGTGAAATACCGCAC
G0268117-1.seq(1>7154) → CTTAACTATGCGGCATCAGAGCAGATTGTAAGTGTACTGAGAGTGCACCATATGCGGTGTGAAATACCGCAC

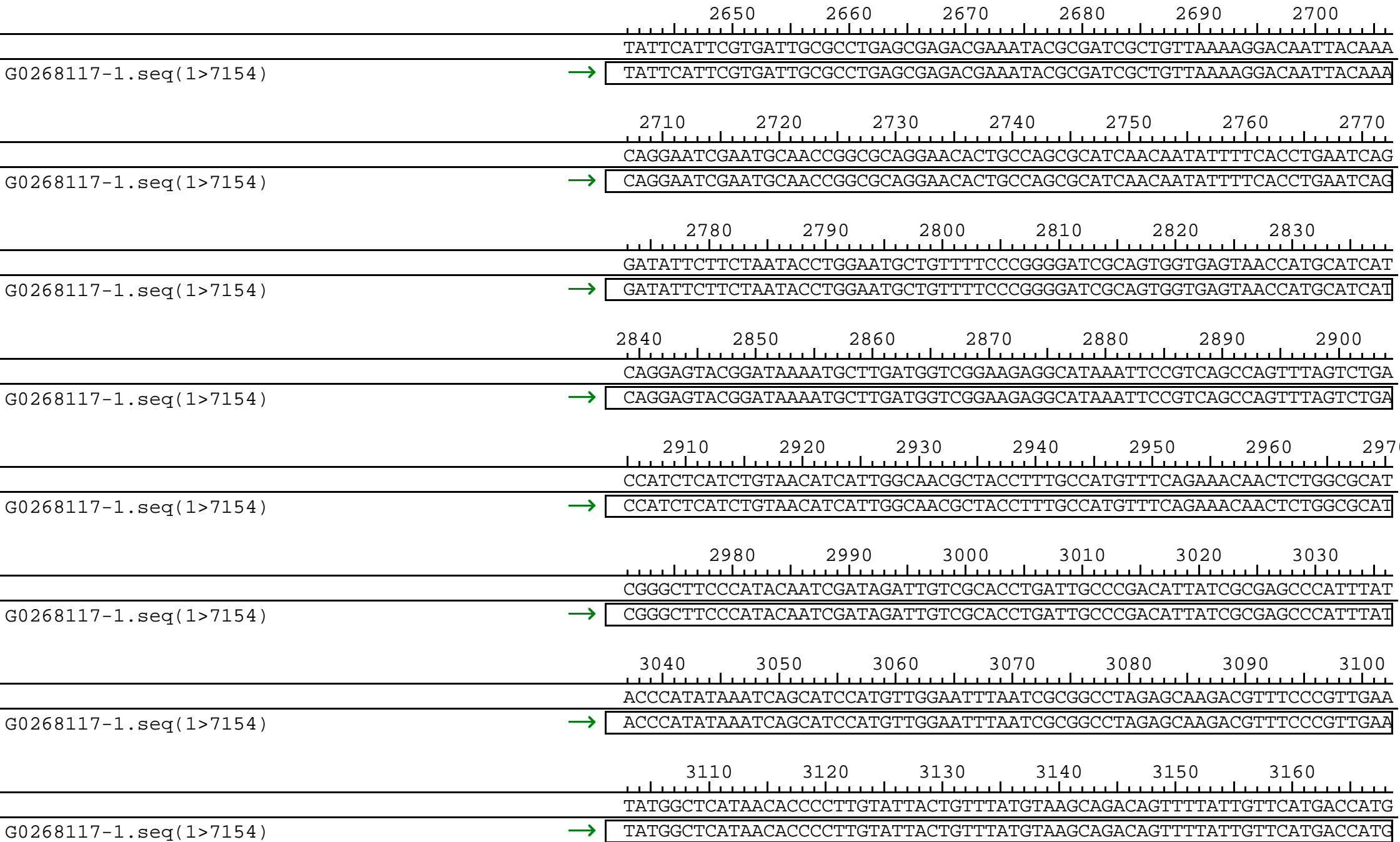
1390 1400 1410 1420 1430 1440 1450
AGATGCGTAAGGAGAAAATACCGCATCAGGCGCTCTTCCGCTTCTCGCTCACTGACTCGCTGCGC
G0268117-1.seq(1>7154) → AGATGCGTAAGGAGAAAATACCGCATCAGGCGCTCTTCCGCTTCTCGCTCACTGACTCGCTGCGC

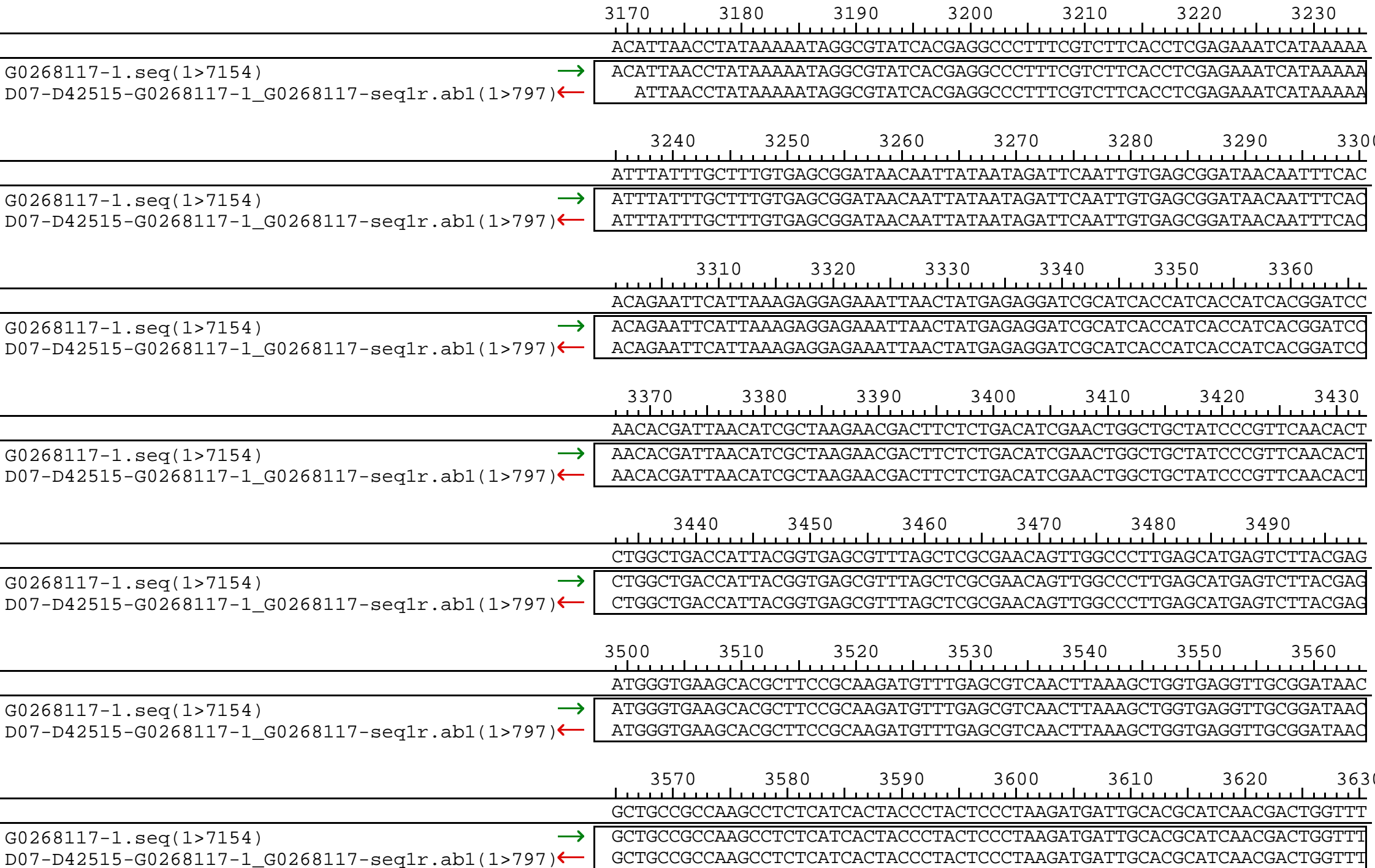
1460 1470 1480 1490 1500 1510
TCGGTCGTTTCGGCTGCGGCGAGCGGTATCAGCTCACTCAAAGGCGGTAATACGGTTATCCACAGAA
G0268117-1.seq(1>7154) → TCGGTCGTTTCGGCTGCGGCGAGCGGTATCAGCTCACTCAAAGGCGGTAATACGGTTATCCACAGAA

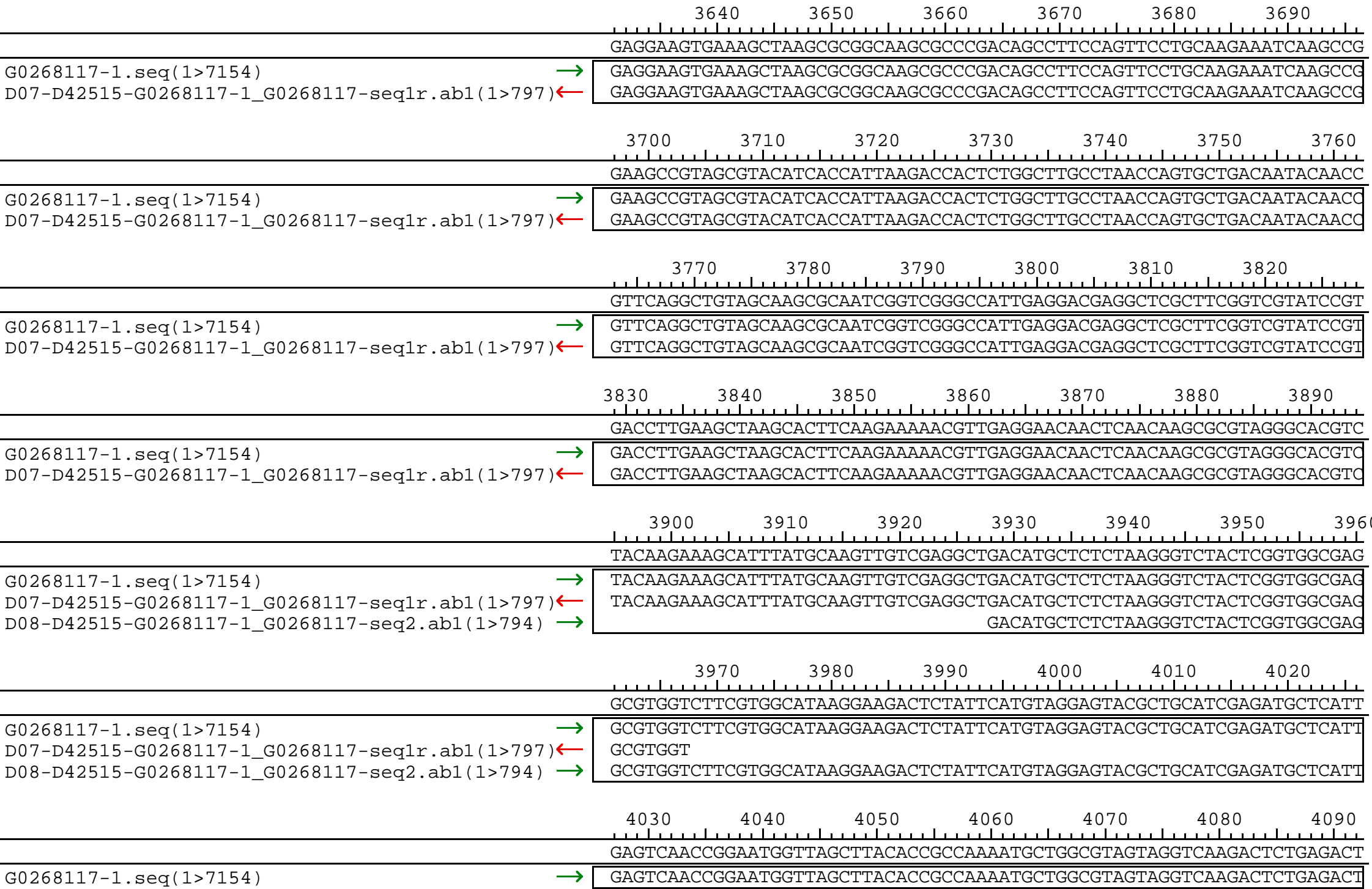
1520 1530 1540 1550 1560 1570 1580
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G0268117-1.seq(1>7154) → TCAGGGGATAACGCAGGAAAGAACATGTGAGCAAAGGCCAGCAAAGGCCAGGAACCGTAAAAAG











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4030 4040 4050 4060 4070 4080 4090
GAGTCAACCGGAATGGTTAGCTTACACCGCCAAAATGCTGGCGTAGTAGGTCAAGACTCTGAGACT
D08-D42515-G0268117-1_G0268117-seq2.ab1 (1>794) → GAGTCAACCGGAATGGTTAGCTTACACCGCCAAAATGCTGGCGTAGTAGGTCAAGACTCTGAGACT

4100 4110 4120 4130 4140 4150
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G0268117-1.seq (1>7154) → ATCGAACTCGCACCTGAATACGCTGAGGCTATCGCAACCCGTGCAGGTGCGCTGGCTGGCATCTCT
D08-D42515-G0268117-1_G0268117-seq2.ab1 (1>794) → ATCGAACTCGCACCTGAATACGCTGAGGCTATCGCAACCCGTGCAGGTGCGCTGGCTGGCATCTCT

4160 4170 4180 4190 4200 4210 4220
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G0268117-1.seq (1>7154) → CCGATGTTCCAACCTTGCGTAGTTCCTCCTAAGCCGTGGACTGGCATTACTGGTGGTGGCTATTGG
D08-D42515-G0268117-1_G0268117-seq2.ab1 (1>794) → CCGATGTTCCAACCTTGCGTAGTTCCTCCTAAGCCGTGGACTGGCATTACTGGTGGTGGCTATTGG

4230 4240 4250 4260 4270 4280 4290
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G0268117-1.seq (1>7154) → GCTAACGGTCGTCGTCCTCTGGCGCTGGTGCGTACTCACAGTAAGAAAGCACTGATGCGCTACGAA
D08-D42515-G0268117-1_G0268117-seq2.ab1 (1>794) → GCTAACGGTCGTCGTCCTCTGGCGCTGGTGCGTACTCACAGTAAGAAAGCACTGATGCGCTACGAA

4300 4310 4320 4330 4340 4350
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G0268117-1.seq (1>7154) → GACGTTTACATGCCTGAGGTGTACAAAGCGATTAACATTGCGCAAAACACCGCATGGAAAATCAAC
D08-D42515-G0268117-1_G0268117-seq2.ab1 (1>794) → GACGTTTACATGCCTGAGGTGTACAAAGCGATTAACATTGCGCAAAACACCGCATGGAAAATCAAC

4360 4370 4380 4390 4400 4410 4420
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G0268117-1.seq (1>7154) → AAGAAAGTCCTAGCGGTCGCCAACGTAATCACCAAGTGGAAGCATTGTCCGGTCGAGGACATCCCT
D08-D42515-G0268117-1_G0268117-seq2.ab1 (1>794) → AAGAAAGTCCTAGCGGTCGCCAACGTAATCACCAAGTGGAAGCATTGTCCGGTCGAGGACATCCCT

4430 4440 4450 4460 4470 4480
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G0268117-1.seq (1>7154) → GCGATTGAGCGTGAAGAACTCCCGATGAAACCGGAAGACATCGACATGAATCCTGAGGCTCTCACC
D08-D42515-G0268117-1_G0268117-seq2.ab1 (1>794) → GCGATTGAGCGTGAAGAACTCCCGATGAAACCGGAAGACATCGACATGAATCCTGAGGCTCTCACC

4490 4500 4510 4520 4530 4540 4550
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G0268117-1.seq(1>7154) → GCGTGGAAACGTGCTGCCGCTGCTGTGTACCGCAAGGACAAGGCTCGCAAGTCTCGCCGTATCAGC
D08-D42515-G0268117-1_G0268117-seq2.ab1(1>794) → GCGTGGAAACGTGCTGCCGCTGCTGTGTACCGCAAGGACAAGGCTCGCAAGTCTCGCCGTATCAGC

4560 4570 4580 4590 4600 4610 4620
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G0268117-1.seq(1>7154) → CTTGAGTTCATGCTTGAGCAAGCCAATAAGTTTGCTAACCATAAGGCCATCTGGTTCCCTTACAAC
D08-D42515-G0268117-1_G0268117-seq2.ab1(1>794) → CTTGAGTTCATGCTTGAGCAAGCCAATAAGTTTGCTAACCATAAGGCCATCTGGTTCCCTTACAAC

4630 4640 4650 4660 4670 4680
ATGGACTGGCGCGGTCGTGTTTACGCTGTGTCAATGTTCAACCCGCAAGGTAACGATATGACCAAA
G0268117-1.seq(1>7154) → ATGGACTGGCGCGGTCGTGTTTACGCTGTGTCAATGTTCAACCCGCAAGGTAACGATATGACCAAA
D08-D42515-G0268117-1_G0268117-seq2.ab1(1>794) → ATGGACTGGCGCGGTCGTGTTTACGCTGTGTCAATGTTCAACCCGCAAGGTAACGATATGACCAAA
F08-D42515-G0268117-1_G0268117-seq3.ab1(1>797) → ACTGGCGCGGTCGTGTTTACGCTGTGTCAATGTTCAACCCGCAAGGTAACGATATGACCAAA

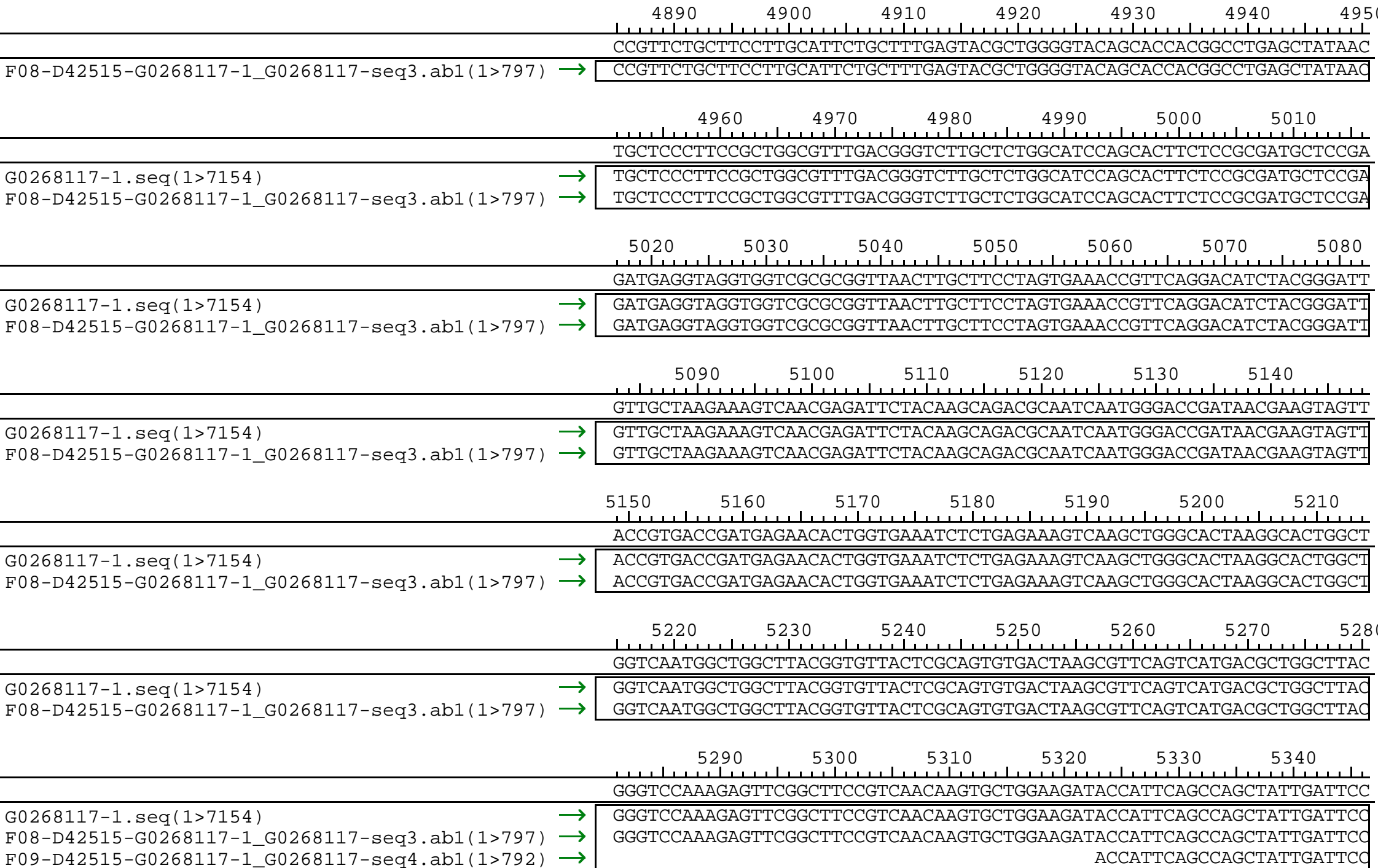
4690 4700 4710 4720 4730 4740 4750
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G0268117-1.seq(1>7154) → GGACTGCTTACGCTGGCGAAAGGTAAACCAATCGGTAAGGAAGGTTACTACTGGCTGAAAATCCAC
D08-D42515-G0268117-1_G0268117-seq2.ab1(1>794) → GGACTGCTTACGCTGGCGAAAGGTAAACCAATCGG
F08-D42515-G0268117-1_G0268117-seq3.ab1(1>797) → GGACTGCTTACGCTGGCGAAAGGTAAACCAATCGGTAAGGAAGGTTACTACTGGCTGAAAATCCAC

4760 4770 4780 4790 4800 4810
GGTGCAAACCTGTGCGGGTGTGCGATAAGGTTCCGTTCCCTGAGCGCATCAAGTTCATTGAGGAAAAC
G0268117-1.seq(1>7154) → GGTGCAAACCTGTGCGGGTGTGCGATAAGGTTCCGTTCCCTGAGCGCATCAAGTTCATTGAGGAAAAC
F08-D42515-G0268117-1_G0268117-seq3.ab1(1>797) → GGTGCAAACCTGTGCGGGTGTGCGATAAGGTTCCGTTCCCTGAGCGCATCAAGTTCATTGAGGAAAAC

4820 4830 4840 4850 4860 4870 4880
CACGAGAACATCATGGCTTGCGCTAAGTCTCCACTGGAGAACAACCTTGGTGGGCTGAGCAAGATTCT
G0268117-1.seq(1>7154) → CACGAGAACATCATGGCTTGCGCTAAGTCTCCACTGGAGAACAACCTTGGTGGGCTGAGCAAGATTCT
F08-D42515-G0268117-1_G0268117-seq3.ab1(1>797) → CACGAGAACATCATGGCTTGCGCTAAGTCTCCACTGGAGAACAACCTTGGTGGGCTGAGCAAGATTCT

4890 4900 4910 4920 4930 4940 4950
CCGTTCTGCTTCCCTTGCAATTCGCTTTGAGTACGCTGGGGTACAGCACCACGGCCTGAGCTATAAC
G0268117-1.seq(1>7154) → CCGTTCTGCTTCCCTTGCAATTCGCTTTGAGTACGCTGGGGTACAGCACCACGGCCTGAGCTATAAC

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5350 5360 5370 5380 5390 5400 5410
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G0268117-1.seq(1>7154) → GGCAAGGGTCTGATGTTCACTCAGCCGAATCAGGCTGCTGGATACATGGCTAAGCTGATTTGGGAA
F08-D42515-G0268117-1_G0268117-seq3.ab1(1>797) → GGCAAGGGTCTGATGTTCACTCAGCCGAATCAGGCTGCTGGATACATGGCTAAGCTGATTTGGGAA
F09-D42515-G0268117-1_G0268117-seq4.ab1(1>792) → GGCAAGGGTCTGATGTTCACTCAGCCGAATCAGGCTGCTGGATACATGGCTAAGCTGATTTGGGAA

5420 5430 5440 5450 5460 5470
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G0268117-1.seq(1>7154) → TCTGTGAGCGTGACGGTGGTAGCTGCGGTTGAAGCAATGAACTGGCTTAAGTCTGCTGCTAAGCTG
F08-D42515-G0268117-1_G0268117-seq3.ab1(1>797) → TCTGTGAGC
F09-D42515-G0268117-1_G0268117-seq4.ab1(1>792) → TCTGTGAGCGTGACGGTGGTAGCTGCGGTTGAAGCAATGAACTGGCTTAAGTCTGCTGCTAAGCTG

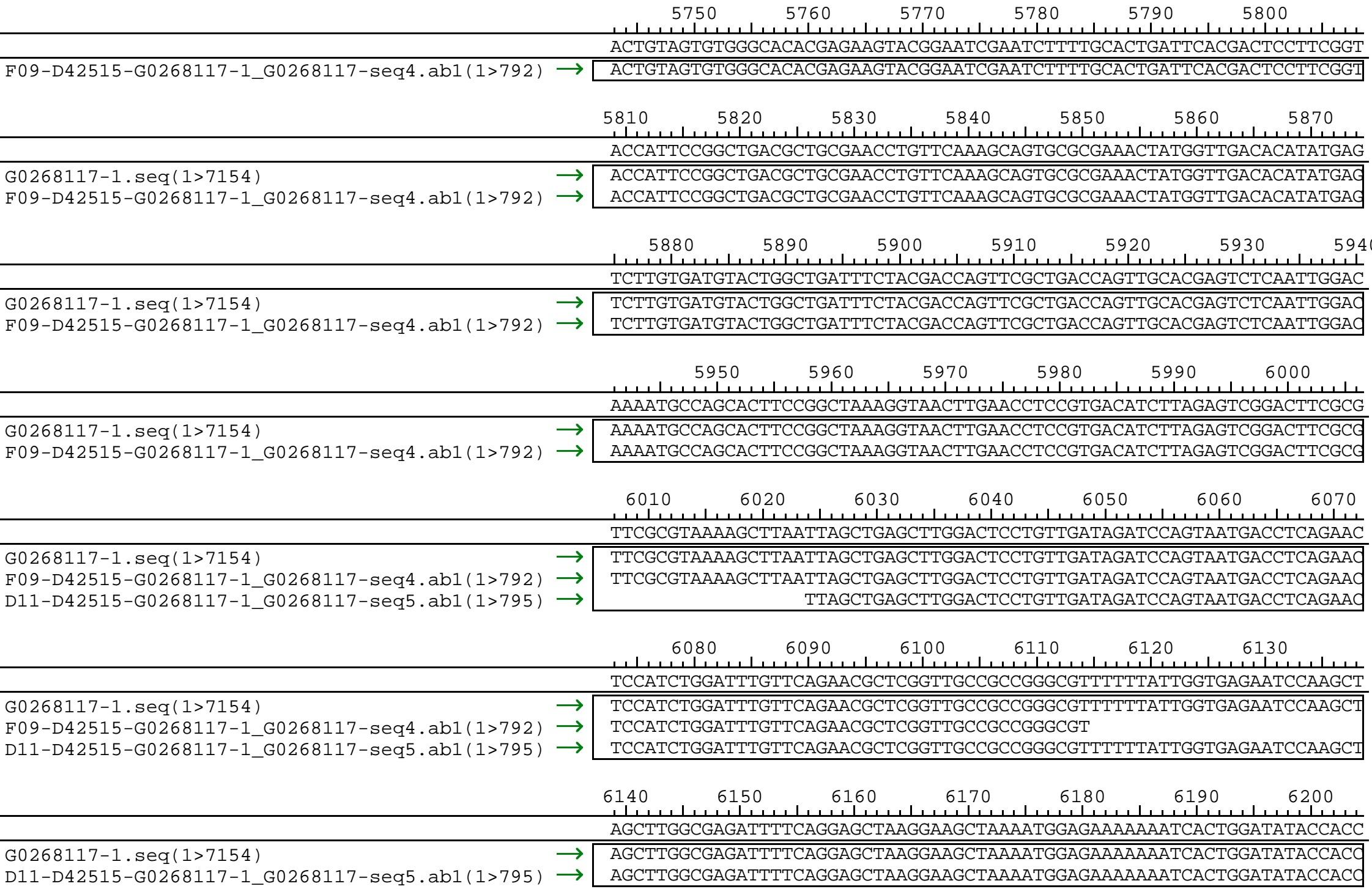
5480 5490 5500 5510 5520 5530 5540
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G0268117-1.seq(1>7154) → CTGGCTGCTGAGGTCAAAGATAAGAAGACTGGAGAGATTCTTCGCAAGCGTTGCGCTGTGCATTGG
F09-D42515-G0268117-1_G0268117-seq4.ab1(1>792) → CTGGCTGCTGAGGTCAAAGATAAGAAGACTGGAGAGATTCTTCGCAAGCGTTGCGCTGTGCATTGG

5550 5560 5570 5580 5590 5600 5610
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G0268117-1.seq(1>7154) → GTAACCTCCTGATGGTTTCCCTGTGTGGCAGGAATACAAGAAGCCTATTCAGACGCGCTTGAACCTG
F09-D42515-G0268117-1_G0268117-seq4.ab1(1>792) → GTAACCTCCTGATGGTTTCCCTGTGTGGCAGGAATACAAGAAGCCTATTCAGACGCGCTTGAACCTG

5620 5630 5640 5650 5660 5670
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G0268117-1.seq(1>7154) → ATGTTCCCTCGGTCAGTTCGGCTTACAGCCTACCATTAACACCAACAAAGATAGCGAGATTGATGCA
F09-D42515-G0268117-1_G0268117-seq4.ab1(1>792) → ATGTTCCCTCGGTCAGTTCGGCTTACAGCCTACCATTAACACCAACAAAGATAGCGAGATTGATGCA

5680 5690 5700 5710 5720 5730 5740
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G0268117-1.seq(1>7154) → CACAAACAGGAGTCTGGTATCGCTCCTAACTTTGTACACAGCCAAGACGGTAGCCACCTTCGTAAG
F09-D42515-G0268117-1_G0268117-seq4.ab1(1>792) → CACAAACAGGAGTCTGGTATCGCTCCTAACTTTGTACACAGCCAAGACGGTAGCCACCTTCGTAAG

5750 5760 5770 5780 5790 5800
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G0268117-1.seq(1>7154) → ACTGTAGTGTGGGCACACGAGAAGTACGGAATCGAATCTTTTGCCTGATTCACGACTCCTTCGGT



6210 6220 6230 6240 6250 6260 6270
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G0268117-1.seq(1>7154) → GTTGATATATCCCAATGGCATCGTAAAGAACATTTTGAGGCATTTTCAGTCAGTTGCTCAATGTACC
D11-D42515-G0268117-1_G0268117-seq5.ab1(1>795) → GTTGATATATCCCAATGGCATCGTAAAGAACATTTTGAGGCATTTTCAGTCAGTTGCTCAATGTACC

6280 6290 6300 6310 6320 6330
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G0268117-1.seq(1>7154) → TATAACCAGACCGTTCAGCTGGATATTACGGCCTTTTTAAAGACCGTAAAGAAAAATAAGCACAAAG
D11-D42515-G0268117-1_G0268117-seq5.ab1(1>795) → TATAACCAGACCGTTCAGCTGGATATTACGGCCTTTTTAAAGACCGTAAAGAAAAATAAGCACAAAG

6340 6350 6360 6370 6380 6390 6400
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G0268117-1.seq(1>7154) → TTTTATCCGGCCTTTATTACATTCTTGCCCGCCTGATGAATGCTCATCCGGAATTTTCGTATGGCA
D11-D42515-G0268117-1_G0268117-seq5.ab1(1>795) → TTTTATCCGGCCTTTATTACATTCTTGCCCGCCTGATGAATGCTCATCCGGAATTTTCGTATGGCA

6410 6420 6430 6440 6450 6460
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G0268117-1.seq(1>7154) → ATGAAAGACGGTGAGCTGGTGATATGGGATAGTGTTACCCCTTGTTACACCGTTTTCCATGAGCAA
D11-D42515-G0268117-1_G0268117-seq5.ab1(1>795) → ATGAAAGACGGTGAGCTGGTGATATGGGATAGTGTTACCCCTTGTTACACCGTTTTCCATGAGCAA

6470 6480 6490 6500 6510 6520 6530
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G0268117-1.seq(1>7154) → ACTGAAACGTTTTTCATCGCTCTGGAGTGAATACCACGACGATTTCCGGCAGTTTCTACACATATAT
D11-D42515-G0268117-1_G0268117-seq5.ab1(1>795) → ACTGAAACGTTTTTCATCGCTCTGGAGTGAATACCACGACGATTTCCGGCAGTTTCTACACATATAT

6540 6550 6560 6570 6580 6590 6600
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G0268117-1.seq(1>7154) → TCGCAAGATGTGGCGTGTTACGGTGAAAACCTGGCCTATTTCCCTAAAGGGTTTTATTGAGAATATG
D11-D42515-G0268117-1_G0268117-seq5.ab1(1>795) → TCGCAAGATGTGGCGTGTTACGGTGAAAACCTGGCCTATTTCCCTAAAGGGTTTTATTGAGAATATG

6610 6620 6630 6640 6650 6660
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G0268117-1.seq(1>7154) → TTTTTCGTCTCAGCCAATCCCTGGGTGAGTTTCACCAGTTTTGATTTAAACGTGGCCAATATGGAC
D11-D42515-G0268117-1_G0268117-seq5.ab1(1>795) → TTTTTCGTCTCAGCCAATCCCTGGGTGAGTTTCACCAGTTTTGATTTAAACGTGGCCAATATGGAC

6670 6680 6690 6700 6710 6720 6730
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G0268117-1.seq(1>7154) → AACTTCTTCGCCCCGTTTTTCACCATGGGCAAATATTATACGCAAGGCGACAAGGTGCTGATGCCG
D11-D42515-G0268117-1_G0268117-seq5.ab1(1>795) → AACTTCTTCGCCCCGTTTTTCACCATGGGCAAATATTATACGCAAGGCGACAAGGTGCTGATGCCG

6740 6750 6760 6770 6780 6790
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G0268117-1.seq(1>7154) → CTGGCGATTCAGGTTCATCATGCCGTTTGTGATGGCTTCCATGTTCGGCAGAATGCTTAATGAATTA
D11-D42515-G0268117-1_G0268117-seq5.ab1(1>795) → CTGGCGATTCAGGTTCATCATGCCGTTTGTGATGGCTTCCATGTTCGGCAGAATGCTTAATGAATTA

6800 6810 6820 6830 6840 6850 6860
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G0268117-1.seq(1>7154) → CAACAGTACTGCGATGAGTGGCAGGGCGGGGCGTAATTTTTTTAAGGCAGTTATTGGTGCCCTTAA
D11-D42515-G0268117-1_G0268117-seq5.ab1(1>795) → CAACAGTACTGCGATGAGTG

6870 6880 6890 6900 6910 6920 6930
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G0268117-1.seq(1>7154) → ACGCCTGGGGTAATGACTCTCTAGCTTGAGGCATCAAATAAAACGAAAGGCTCAGTCGAAAGACTG

6940 6950 6960 6970 6980 6990
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G0268117-1.seq(1>7154) → GGCCTTTCGTTTTTATCTGTTGTTTGTTCGGTGAACGCTCTCCTGAGTAGGACAAATCCGCCCTCTAG

7000 7010 7020 7030 7040 7050 7060
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G0268117-1.seq(1>7154) → ATTACGTGCAGTCGATGATAAGCTGTCAAACATGAGAATTGTGCCTAATGAGTGAGCTAACTTACA

7070 7080 7090 7100 7110 7120
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G0268117-1.seq(1>7154) → TTAATTGCGTTGCGCTCACTGCCCGCTTTCAGTCGGGAAACCTGTCGTGCCAGCTGCATTAATGA

7130 7140 7150
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G0268117-1.seq(1>7154) → ATCGGCCAACGCGCGGGGAGAGGCGG