

820 830 840 850 860 870 880
TCGCTGTTCCCTTGGGAGGGTCTCCTCTGAGTGATTGACTACCCGTCAGCGGGGGTCTTTTCATT
G0235736-2.seq(1>3837) → TCGCTGTTCCCTTGGGAGGGTCTCCTCTGAGTGATTGACTACCCGTCAGCGGGGGTCTTTTCATT
G09-C25708-G0235736-2_G0235736-2-seq2rN.ab1(1>551) ← TCGCTGTTCCCTTGGGAGGGTCTCCTCTGAGTGATTGACTACCCGTCAGCGGGGGTCTTTTCATT

890 900 910 920 930 940
TGGGGGCTCGTCCGGGATCGGGAGACCCCTGCCCAGGGACCACCGACCCACCACCGGGAGGTA
G0235736-2.seq(1>3837) → TGGGGGCTCGTCCGGGATCGGGAGACCCCTGCCCAGGGACCACCGACCCACCACCGGGAGGTA
G09-C25708-G0235736-2_G0235736-2-seq2rN.ab1(1>551) ← TGGGGGCTCGTCCGGGATCGGGAGACCCCTGCCCAGGGACCACCGACCCACCACCGGGAGGTA

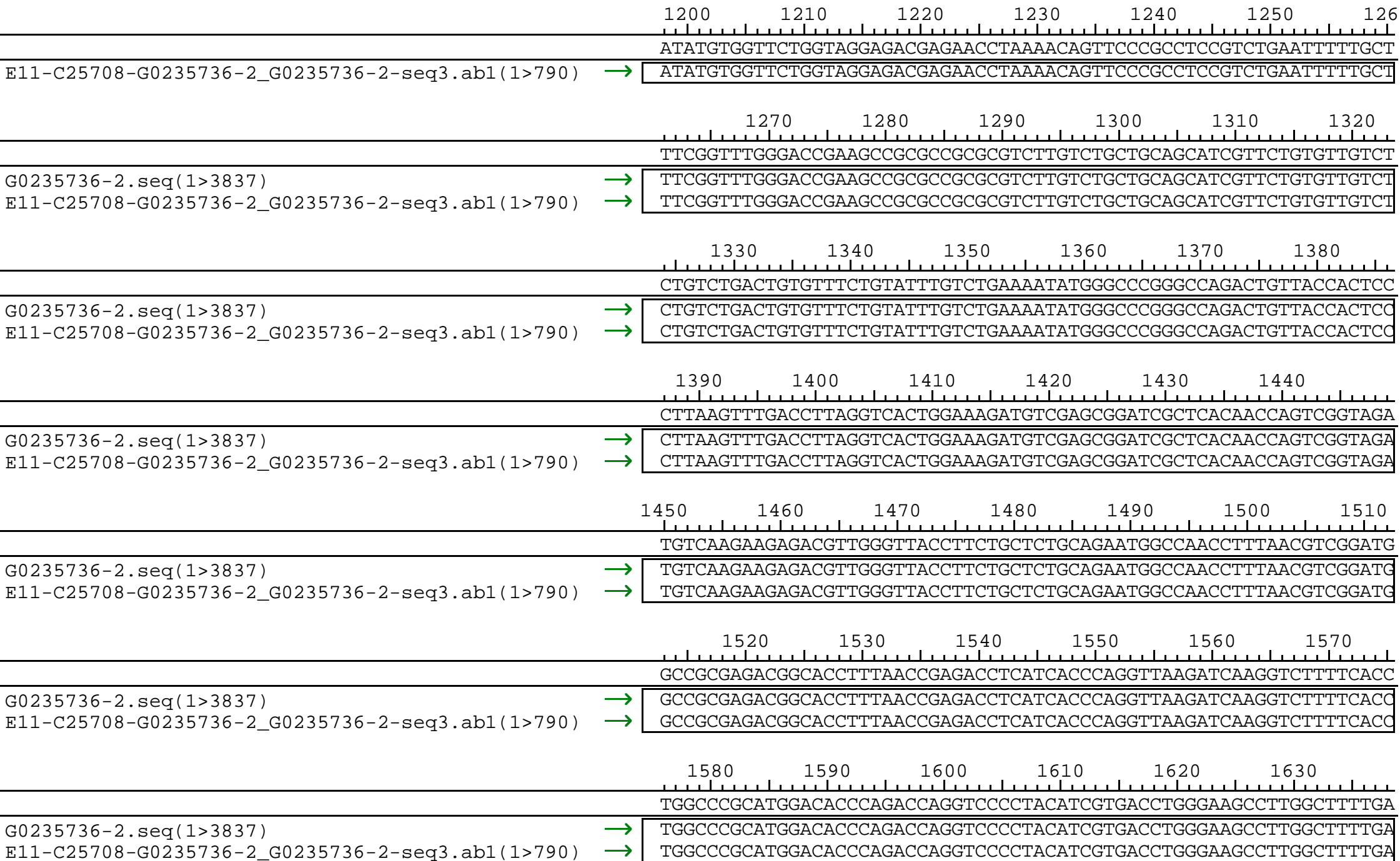
950 960 970 980 990 1000
AGCTGGCCAGCAACTTATCTGTGTCTGTCCGATTGTCTAGTGTCTATGACTGATTTTATGCGC
G0235736-2.seq(1>3837) → AGCTGGCCAGCAACTTATCTGTGTCTGTCCGATTGTCTAGTGTCTATGACTGATTTTATGCGC
G09-C25708-G0235736-2_G0235736-2-seq2rN.ab1(1>551) ← AGCTGGCCAGCAACTTATCTGTGTCTGTCCGATTGTCTAGTGTCTATGACTGATTTTATGCGC

1010 1020 1030 1040 1050 1060 1070
CTGCGTCGGTACTAGTTAGCTAACTAGCTCTGTATCTGGCGGACCCGTGGTGGAAGTACGACGAG
G0235736-2.seq(1>3837) → CTGCGTCGGTACTAGTTAGCTAACTAGCTCTGTATCTGGCGGACCCGTGGTGGAAGTACGACGAG
G09-C25708-G0235736-2_G0235736-2-seq2rN.ab1(1>551) ← CTGCGTCGGTACTAGTTAGCTAACTAGCTCTGTATCTGGCGGACCCGTGGTGGAAGTACGACGAG

1080 1090 1100 1110 1120 1130
TTCGGAACACCCGGCCGCAACCCCTGGGAGACGTCCAGGGACTTTCGGGGGCCGTTTTTGTGGC
G0235736-2.seq(1>3837) → TTCGGAACACCCGGCCGCAACCCCTGGGAGACGTCCAGGGACTTTCGGGGGCCGTTTTTGTGGC
G09-C25708-G0235736-2_G0235736-2-seq2rN.ab1(1>551) ← TTCGGAACACCCGGCCGCAACCCCTGGGAGACGTCCAGGGACTTTCGGGGGCCGTTTTTGTGGC
E11-C25708-G0235736-2_G0235736-2-seq3.ab1(1>790) → AGACGTCCAGGGACTTTCGGGGGCCGTTTTTGTGGC

1140 1150 1160 1170 1180 1190
CCGACCTGAGTCCAAAAATCCCGATCGTTTTGGACTCTTTGGTGCACCCCCCTAATAGGAGGG
G0235736-2.seq(1>3837) → CCGACCTGAGTCCAAAAATCCCGATCGTTTTGGACTCTTTGGTGCACCCCCCTAATAGGAGGG
G09-C25708-G0235736-2_G0235736-2-seq2rN.ab1(1>551) ← CCGACCTGAGTCCAAAA
E11-C25708-G0235736-2_G0235736-2-seq3.ab1(1>790) → CCGACCTGAGTCCAAAAATCCCGATCGTTTTGGACTCTTTGGTGCACCCCCCTAATAGGAGGG

1200 1210 1220 1230 1240 1250 1260
ATATGTGGTTCTGGTAGGAGACGAGAACCTAAAACAGTTCCCGCCTCCGTCTGAATTTTTGCT
G0235736-2.seq(1>3837) → ATATGTGGTTCTGGTAGGAGACGAGAACCTAAAACAGTTCCCGCCTCCGTCTGAATTTTTGCT



1640 1650 1660 1670 1680 1690 1700
|-----|-----|-----|-----|-----|-----|
CCCCCCTCCCTGGGTCAAGCCCTTTGTACACCCTAAGCCTCCGCCTCCTCTTCCTCCATCCGC
G0235736-2.seq(1>3837) → CCCCCCTCCCTGGGTCAAGCCCTTTGTACACCCTAAGCCTCCGCCTCCTCTTCCTCCATCCGC
E11-C25708-G0235736-2_G0235736-2-seq3.ab1(1>790) → CCCCCCTCCCTGGGTCAAGCCCTTTGTACACCCTAAGCCTCCGCCTCCTCTTCCTCCATCCGC
E12-C25708-G0235736-2_G0235736-2-seq4.ab1(1>790) → TCCGC

1710 1720 1730 1740 1750 1760
|-----|-----|-----|-----|-----|-----|
CCCGTCTCTCCCCCTTGAACCTCCTCGTTCGACCCCGCCTCGATCCTCCCTTTATCCAGCCCT
G0235736-2.seq(1>3837) → CCCGTCTCTCCCCCTTGAACCTCCTCGTTCGACCCCGCCTCGATCCTCCCTTTATCCAGCCCT
E11-C25708-G0235736-2_G0235736-2-seq3.ab1(1>790) → CCCGTCTCTCCCCCTTGAACCTCCTCGTTCGACCCCGCCTCGATCCTCCCTTTATCCAGCCCT
E12-C25708-G0235736-2_G0235736-2-seq4.ab1(1>790) → CCCGTCTCTCCCCCTTGAACCTCCTCGTTCGACCCCGCCTCGATCCTCCCTTTATCCAGCCCT

1770 1780 1790 1800 1810 1820
|-----|-----|-----|-----|-----|-----|
CACTCCTTCTCTAGGCGCCCCCATATGGCCATATGAGATCTTATATGGGGCACCCCGCCCT
G0235736-2.seq(1>3837) → CACTCCTTCTCTAGGCGCCCCCATATGGCCATATGAGATCTTATATGGGGCACCCCGCCCT
E11-C25708-G0235736-2_G0235736-2-seq3.ab1(1>790) → CACTCCTTCTCTAGGCGCCCCCATATGGCCATATGAGATCTTATATGGGGCACCCCGCCCT
E12-C25708-G0235736-2_G0235736-2-seq4.ab1(1>790) → CACTCCTTCTCTAGGCGCCCCCATATGGCCATATGAGATCTTATATGGGGCACCCCGCCCT

1830 1840 1850 1860 1870 1880 1890
|-----|-----|-----|-----|-----|-----|
TGTAAACTTCCCTGACCCTGACATGACAAGAGTTACTAACAGCCCCTCTCTCCAAGCTCACTT
G0235736-2.seq(1>3837) → TGTAAACTTCCCTGACCCTGACATGACAAGAGTTACTAACAGCCCCTCTCTCCAAGCTCACTT
E11-C25708-G0235736-2_G0235736-2-seq3.ab1(1>790) → TGTAAACTTCCCTGACCCTGACATGACAAGAGTTACTAACAGCCCCTCTCTCCAAGCTCAC
E12-C25708-G0235736-2_G0235736-2-seq4.ab1(1>790) → TGTAAACTTCCCTGACCCTGACATGACAAGAGTTACTAACAGCCCCTCTCTCCAAGCTCACTT

1900 1910 1920 1930 1940 1950
|-----|-----|-----|-----|-----|-----|
ACAGGCTCTCTACTTAGTCCAGCACGAAGTCTGGAGACCTCTGGCGGCAGCCTACCAAGAACA
G0235736-2.seq(1>3837) → ACAGGCTCTCTACTTAGTCCAGCACGAAGTCTGGAGACCTCTGGCGGCAGCCTACCAAGAACA
E12-C25708-G0235736-2_G0235736-2-seq4.ab1(1>790) → ACAGGCTCTCTACTTAGTCCAGCACGAAGTCTGGAGACCTCTGGCGGCAGCCTACCAAGAACA

1960 1970 1980 1990 2000 2010
|-----|-----|-----|-----|-----|-----|
ACTGGACCGACCGGTGGTACCTCACCCCTTACCGAGTCGGCGACACAGTGTGGGTCCGCCGACA
G0235736-2.seq(1>3837) → ACTGGACCGACCGGTGGTACCTCACCCCTTACCGAGTCGGCGACACAGTGTGGGTCCGCCGACA
E12-C25708-G0235736-2_G0235736-2-seq4.ab1(1>790) → ACTGGACCGACCGGTGGTACCTCACCCCTTACCGAGTCGGCGACACAGTGTGGGTCCGCCGACA

2020 2030 2040 2050 2060 2070
CCAGACTAAGAACCTAGAACCTCGCTGGAAAGGACCTTACACAGTCTGCTGACCACCCAC
G0235736-2.seq(1>3837) → CCAGACTAAGAACCTAGAACCTCGCTGGAAAGGACCTTACACAGTCTGCTGACCACCCAC
E12-C25708-G0235736-2_G0235736-2-seq4.ab1(1>790) → CCAGACTAAGAACCTAGAACCTCGCTGGAAAGGACCTTACACAGTCTGCTGACCACCCAC

2080 2090 2100 2110 2120 2130 2140
CGCCCTCAAAGTAGACGGCATCGCAGCTTGGATACACGCCGCCACGTGAAGGCTGCCGACCC
G0235736-2.seq(1>3837) → CGCCCTCAAAGTAGACGGCATCGCAGCTTGGATACACGCCGCCACGTGAAGGCTGCCGACCC
E12-C25708-G0235736-2_G0235736-2-seq4.ab1(1>790) → CGCCCTCAAAGTAGACGGCATCGCAGCTTGGATACACGCCGCCACGTGAAGGCTGCCGACCC

2150 2160 2170 2180 2190 2200
CGGGGGTGGACCATCCTCTAGACTGCCGGATCCCAGTGTGGTGGTAGGGAATTCGAGCTCGGT
G0235736-2.seq(1>3837) → CGGGGGTGGACCATCCTCTAGACTGCCGGATCCCAGTGTGGTGGTAGGGAATTCGAGCTCGGT
E12-C25708-G0235736-2_G0235736-2-seq4.ab1(1>790) → CGGGGGTGGACCATCCTCTAGACTGCCGGATCCCAGTGTGGTGGTAGGGAATTCGAGCTCGGT

2210 2220 2230 2240 2250 2260
ACCCGGGGGCGCGCCGGATCCTTAATTAAGCGGCCGCGGTAACAATTGTAACTAACTAACTA
G0235736-2.seq(1>3837) → ACCCGGGGGCGCGCCGGATCCTTAATTAAGCGGCCGCGGTAACAATTGTAACTAACTAACTA
E12-C25708-G0235736-2_G0235736-2-seq4.ab1(1>790) → ACCCGGGGGCGCGCCGGATCCTTAATTAAGCGGCCGCGGTAACAATTGTAACTAACTAACTA

2270 2280 2290 2300 2310 2320 2330
AGCTAGCAACGGTTTCCCTCTAGCGGGATCAATTCCCCCTCTCCCTCCCCCCCCCCTAACGTT
G0235736-2.seq(1>3837) → AGCTAGCAACGGTTTCCCTCTAGCGGGATCAATTCCCCCTCTCCCTCCCCCCCCCCTAACGTT
E12-C25708-G0235736-2_G0235736-2-seq4.ab1(1>790) → AGCTAGCAACGGTTTCCCTCTAGCGGGATCAATTCCCCCTCTCCCTCCCCCCCCCCTAACGTT
F01-C25708-G0235736-2_G0235736-2-seq5.ab1(1>788) → CAATTCCCCCTCTCCCTCCCCCCCCCCTAACGTT

2340 2350 2360 2370 2380 2390
ACTGGCCGAAGCCGCTTGAATAAGGCCGGTGTGCGTTTGTCTATATGTTATTTCCACCATA
G0235736-2.seq(1>3837) → ACTGGCCGAAGCCGCTTGAATAAGGCCGGTGTGCGTTTGTCTATATGTTATTTCCACCATA
E12-C25708-G0235736-2_G0235736-2-seq4.ab1(1>790) → ACTGGCCGAAGCCGCTTGAATAAGGCCGGTGTGCGTTTGTCTATATGTTATTTCCACCATA
F01-C25708-G0235736-2_G0235736-2-seq5.ab1(1>788) → ACTGGCCGAAGCCGCTTGAATAAGGCCGGTGTGCGTTTGTCTATATGTTATTTCCACCATA

2400 2410 2420 2430 2440 2450
TTGCCGTCTTTTGGCAATGTGAGGGCCCGGAAACCTGGCCCTGTCTTCTTGACGAGCATTCCT
G0235736-2.seq(1>3837) → TTGCCGTCTTTTGGCAATGTGAGGGCCCGGAAACCTGGCCCTGTCTTCTTGACGAGCATTCCT

		2400	2410	2420	2430	2440	2450	
		TTGCCGTCTTTTGGCAATGTGAGGGCCCGGAAACCTGGCCCTGTCTTCTTGACGAGCATTCCT						
E12-C25708-G0235736-2_G0235736-2-seq4.ab1 (1>790)	→	TTGCCGTCTTTTGGCAATGTGAGGGCCCGGAAACCTGGCCCTGTCTTCTTGACGAGCATTCCT						
F01-C25708-G0235736-2_G0235736-2-seq5.ab1 (1>788)	→	TTGCCGTCTTTTGGCAATGTGAGGGCCCGGAAACCTGGCCCTGTCTTCTTGACGAGCATTCCT						
		2460	2470	2480	2490	2500	2510	2520
		AGGGGTCTTTCCCCTCTCGCCAAAGGAATGCAAGGTCTGTTGAATGTCGTGAAGGAAGCAGTT						
G0235736-2.seq (1>3837)	→	AGGGGTCTTTCCCCTCTCGCCAAAGGAATGCAAGGTCTGTTGAATGTCGTGAAGGAAGCAGTT						
E12-C25708-G0235736-2_G0235736-2-seq4.ab1 (1>790)	→	AGGGGTCTTTCCCCTCTCGCCAAAGGAAT						
F01-C25708-G0235736-2_G0235736-2-seq5.ab1 (1>788)	→	AGGGGTCTTTCCCCTCTCGCCAAAGGAATGCAAGGTCTGTTGAATGTCGTGAAGGAAGCAGTT						
		2530	2540	2550	2560	2570	2580	
		CCTCTGGAAGCTTCTTGAAGACAAACAACGTCTGTAGCGACCCTTTGCAGGCAGCGGAACCCC						
G0235736-2.seq (1>3837)	→	CCTCTGGAAGCTTCTTGAAGACAAACAACGTCTGTAGCGACCCTTTGCAGGCAGCGGAACCCC						
F01-C25708-G0235736-2_G0235736-2-seq5.ab1 (1>788)	→	CCTCTGGAAGCTTCTTGAAGACAAACAACGTCTGTAGCGACCCTTTGCAGGCAGCGGAACCCC						
		2590	2600	2610	2620	2630	2640	
		CCACCTGGCGACAGGTGCCTCTGCGGCCAAAAGCCACGTGTATAAGATACACCTGCAAAGGCG						
G0235736-2.seq (1>3837)	→	CCACCTGGCGACAGGTGCCTCTGCGGCCAAAAGCCACGTGTATAAGATACACCTGCAAAGGCG						
F01-C25708-G0235736-2_G0235736-2-seq5.ab1 (1>788)	→	CCACCTGGCGACAGGTGCCTCTGCGGCCAAAAGCCACGTGTATAAGATACACCTGCAAAGGCG						
		2650	2660	2670	2680	2690	2700	
		GCACAACCCAGTGCCACGTTGTGAGTTGGATAGTTGTGGAAAGAGTCAAATGGCTCTCCTCA						
G0235736-2.seq (1>3837)	→	GCACAACCCAGTGCCACGTTGTGAGTTGGATAGTTGTGGAAAGAGTCAAATGGCTCTCCTCA						
F01-C25708-G0235736-2_G0235736-2-seq5.ab1 (1>788)	→	GCACAACCCAGTGCCACGTTGTGAGTTGGATAGTTGTGGAAAGAGTCAAATGGCTCTCCTCA						
		2710	2720	2730	2740	2750	2760	2770
		AGCGTATTCAACAAGGGGCTGAAGGATGCCAGAAGGTACCCATTGTATGGGATCTGATCTG						
G0235736-2.seq (1>3837)	→	AGCGTATTCAACAAGGGGCTGAAGGATGCCAGAAGGTACCCATTGTATGGGATCTGATCTG						
F01-C25708-G0235736-2_G0235736-2-seq5.ab1 (1>788)	→	AGCGTATTCAACAAGGGGCTGAAGGATGCCAGAAGGTACCCATTGTATGGGATCTGATCTG						
		2780	2790	2800	2810	2820	2830	
		GGGCCTCGGTGCACATGCTTTACATGTGTTTAGTCGAGGTTAAAAACGTCTAGGCCCCCGA						
G0235736-2.seq (1>3837)	→	GGGCCTCGGTGCACATGCTTTACATGTGTTTAGTCGAGGTTAAAAACGTCTAGGCCCCCGA						
F01-C25708-G0235736-2_G0235736-2-seq5.ab1 (1>788)	→	GGGCCTCGGTGCACATGCTTTACATGTGTTTAGTCGAGGTTAAAAACGTCTAGGCCCCCGA						

2840 2850 2860 2870 2880 2890
ACCACGGGGACGTGGTTTTCTTTGAAAAACACGATAATACCATGGTCATGAAAACATTTAAC
G0235736-2.seq(1>3837) → ACCACGGGGACGTGGTTTTCTTTGAAAAACACGATAATACCATGGTCATGAAAACATTTAAC
F01-C25708-G0235736-2_G0235736-2-seq5.ab1(1>788) → ACCACGGGGACGTGGTTTTCTTTGAAAAACACGATAATACCATGGTCATGAAAACATTTAAC
F02-C25708-G0235736-2_G0235736-2-seq6.ab1(1>790) → AACATTTAAC

2900 2910 2920 2930 2940 2950 2960
ATTTCTCAACAAGATCTAGAATTAGTAGAAGTAGCGACAGAGAAGATTACAATGCTTTATGAG
G0235736-2.seq(1>3837) → ATTTCTCAACAAGATCTAGAATTAGTAGAAGTAGCGACAGAGAAGATTACAATGCTTTATGAG
F01-C25708-G0235736-2_G0235736-2-seq5.ab1(1>788) → ATTTCTCAACAAGATCTAGAATTAGTAGAAGTAGCGACAGAGAAGATTACAATGCTTTATGAG
F02-C25708-G0235736-2_G0235736-2-seq6.ab1(1>790) → ATTTCTCAACAAGATCTAGAATTAGTAGAAGTAGCGACAGAGAAGATTACAATGCTTTATGAG

2970 2980 2990 3000 3010 3020
GATAATAAACATCATGTGGGAGCGGCAATTCGTACGAAAACAGGAGAAATCATTTCCGGCAGTA
G0235736-2.seq(1>3837) → GATAATAAACATCATGTGGGAGCGGCAATTCGTACGAAAACAGGAGAAATCATTTCCGGCAGTA
F01-C25708-G0235736-2_G0235736-2-seq5.ab1(1>788) → GATAATAAACATCATGTGGGAGCGGCAATTCGTACGAAAACAGGAGAAATCATTTCCGGCAGTA
F02-C25708-G0235736-2_G0235736-2-seq6.ab1(1>790) → GATAATAAACATCATGTGGGAGCGGCAATTCGTACGAAAACAGGAGAAATCATTTCCGGCAGTA

3030 3040 3050 3060 3070 3080
CATATTGAAGCGTATATAGGACGAGTAACTGTTTGTGCAGAAGCCATTGCGATTGGTAGTGCA
G0235736-2.seq(1>3837) → CATATTGAAGCGTATATAGGACGAGTAACTGTTTGTGCAGAAGCCATTGCGATTGGTAGTGCA
F01-C25708-G0235736-2_G0235736-2-seq5.ab1(1>788) → CATATTGAAGCGTATATAGGACGAGTAACTGTTTGTGCAGAAGCCATTGCGATTGGTAGTG
F02-C25708-G0235736-2_G0235736-2-seq6.ab1(1>790) → CATATTGAAGCGTATATAGGACGAGTAACTGTTTGTGCAGAAGCCATTGCGATTGGTAGTGCA

3090 3100 3110 3120 3130 3140 3150
GTTTCGAATGGACAAAAGGATTTTGACACGATTGTAGCTGTTAGACACCCTTATTCTGACGAA
G0235736-2.seq(1>3837) → GTTTCGAATGGACAAAAGGATTTTGACACGATTGTAGCTGTTAGACACCCTTATTCTGACGAA
F02-C25708-G0235736-2_G0235736-2-seq6.ab1(1>790) → GTTTCGAATGGACAAAAGGATTTTGACACGATTGTAGCTGTTAGACACCCTTATTCTGACGAA

3160 3170 3180 3190 3200 3210
GTAGATAGAAGTATTCGAGTGGTAAGTCCTTGTGGTATGTGTAGGGAGTTGATTTCAGACTAT
G0235736-2.seq(1>3837) → GTAGATAGAAGTATTCGAGTGGTAAGTCCTTGTGGTATGTGTAGGGAGTTGATTTCAGACTAT
F02-C25708-G0235736-2_G0235736-2-seq6.ab1(1>790) → GTAGATAGAAGTATTCGAGTGGTAAGTCCTTGTGGTATGTGTAGGGAGTTGATTTCAGACTAT

3220 3230 3240 3250 3260 3270
GCACCAGATTGTTTTGTGTTAATAGAAATGAATGGCAAGTTAGTCAAAACTACGATTGAAGAA
G0235736-2.seq(1>3837) → GCACCAGATTGTTTTGTGTTAATAGAAATGAATGGCAAGTTAGTCAAAACTACGATTGAAGAA
F02-C25708-G0235736-2_G0235736-2-seq6.ab1(1>790) → GCACCAGATTGTTTTGTGTTAATAGAAATGAATGGCAAGTTAGTCAAAACTACGATTGAAGAA

3280 3290 3300 3310 3320 3330
CTCATTCCACTCAAATATAACCCGAAATTAAAAGTCGACACGATAAAAATAAAAGATTTTATTTA
G0235736-2.seq(1>3837) → CTCATTCCACTCAAATATAACCCGAAATTAAAAGTCGACACGATAAAAATAAAAGATTTTATTTA
F02-C25708-G0235736-2_G0235736-2-seq6.ab1(1>790) → CTCATTCCACTCAAATATAACCCGAAATTAAAAGTCGACACGATAAAAATAAAAGATTTTATTTA

3340 3350 3360 3370 3380 3390 3400
GTCTCCAGAAAAAGGGGGAATGAAAGACCCACCTGTAGGTTTGGCAAGCTAGCTTAAGTAA
G0235736-2.seq(1>3837) → GTCTCCAGAAAAAGGGGGAATGAAAGACCCACCTGTAGGTTTGGCAAGCTAGCTTAAGTAA
F02-C25708-G0235736-2_G0235736-2-seq6.ab1(1>790) → GTCTCCAGAAAAAGGGGGAATGAAAGACCCACCTGTAGGTTTGGCAAGCTAGCTTAAGTAA
F07-C25708-G0235736-2_PUC57-1.8K-SEQR.ab1(1>791) ← GAAAGACCCACCTGTAGGTTTGGCAAGCTAGCTTAAGTAA

3410 3420 3430 3440 3450 3460
CGCCATTTTGGGAAGGCATGGAAAAATACATAACTGAGAATAGAGAAGTTCAGATCAAGGTCAG
G0235736-2.seq(1>3837) → CGCCATTTTGGGAAGGCATGGAAAAATACATAACTGAGAATAGAGAAGTTCAGATCAAGGTCAG
F02-C25708-G0235736-2_G0235736-2-seq6.ab1(1>790) → CGCCATTTTGGGAAGGCATGGAAAAATACATAACTGAGAATAGAGAAGTTCAGATCAAGGTCAG
F07-C25708-G0235736-2_PUC57-1.8K-SEQR.ab1(1>791) ← CGCCATTTTGGGAAGGCATGGAAAAATACATAACTGAGAATAGAGAAGTTCAGATCAAGGTCAG

3470 3480 3490 3500 3510 3520
GAACAGATGGAACAGCTGAATATGGGCCAAACAGGATATCTGTGGTAAGCAGTTCCTGCCCCG
G0235736-2.seq(1>3837) → GAACAGATGGAACAGCTGAATATGGGCCAAACAGGATATCTGTGGTAAGCAGTTCCTGCCCCG
F02-C25708-G0235736-2_G0235736-2-seq6.ab1(1>790) → GAACAGATGGAACAGCTGAATATGGGCCAAACAGGATATCTGTGGTAAGCAGTTCCTGCCCCG
F07-C25708-G0235736-2_PUC57-1.8K-SEQR.ab1(1>791) ← GAACAGATGGAACAGCTGAATATGGGCCAAACAGGATATCTGTGGTAAGCAGTTCCTGCCCCG
F06-C25708-G0235736-2_G0235736-2-seq7.ab1(1>703) → GCCAAACAGGATATCTGTGGTAAGCAGTTCCTGCCCCG

3530 3540 3550 3560 3570 3580 3590
GCTCAGGGCCAAGAACAGATGGAACAGCTGAATATGGGCCAAACAGGATATCTGTGGTAAGCA
G0235736-2.seq(1>3837) → GCTCAGGGCCAAGAACAGATGGAACAGCTGAATATGGGCCAAACAGGATATCTGTGGTAAGCA
F02-C25708-G0235736-2_G0235736-2-seq6.ab1(1>790) → GCTCAGGGCCAAGAACAGATGGAACAGCTGAATATGGGCCAAACAGGATATCTGTGGTAAGCA
F07-C25708-G0235736-2_PUC57-1.8K-SEQR.ab1(1>791) ← GCTCAGGGCCAAGAACAGATGGAACAGCTGAATATGGGCCAAACAGGATATCTGTGGTAAGCA
F06-C25708-G0235736-2_G0235736-2-seq7.ab1(1>703) → GCTCAGGGCCAAGAACAGATGGAACAGCTGAATATGGGCCAAACAGGATATCTGTGGTAAGCA

3600 3610 3620 3630 3640 3650
 GTTCCTGCCCCGGCTCAGGGCCAAGAACAGATGGTCCCCAGATGCGGTCCAGCCCTCAGCAGT

G0235736-2.seq(1>3837)	→	GTTCCTGCCCCGGCTCAGGGCCAAGAACAGATGGTCCCCAGATGCGGTCCAGCCCTCAGCAGT
F02-C25708-G0235736-2_G0235736-2-seq6.ab1(1>790)	→	GTTCCTGCCCCGGCTCAGGGCCAAGAACAGATGGTCCCCAGATGCGGTCCAGCCCTCAGCAGT
F07-C25708-G0235736-2_PUC57-1.8K-SEQR.ab1(1>791)	←	GTTCCTGCCCCGGCTCAGGGCCAAGAACAGATGGTCCCCAGATGCGGTCCAGCCCTCAGCAGT
F06-C25708-G0235736-2_G0235736-2-seq7.ab1(1>703)	→	GTTCCTGCCCCGGCTCAGGGCCAAGAACAGATGGTCCCCAGATGCGGTCCAGCCCTCAGCAGT

3660 3670 3680 3690 3700 3710
 TTCTAGAGAACCATCAGATGTTTCCAGGGTGCCCCAAGGACCTGAAATGACCCTGTGCCTTAT

G0235736-2.seq(1>3837)	→	TTCTAGAGAACCATCAGATGTTTCCAGGGTGCCCCAAGGACCTGAAATGACCCTGTGCCTTAT
F02-C25708-G0235736-2_G0235736-2-seq6.ab1(1>790)	→	TTCTAGAGAACCATCAGATGTTTCCAGGGTGCCCCAAGGACCTGAAATGACCCTGTGCCTTAT
F07-C25708-G0235736-2_PUC57-1.8K-SEQR.ab1(1>791)	←	TTCTAGAGAACCATCAGATGTTTCCAGGGTGCCCCAAGGACCTGAAATGACCCTGTGCCTTAT
F06-C25708-G0235736-2_G0235736-2-seq7.ab1(1>703)	→	TTCTAGAGAACCATCAGATGTTTCCAGGGTGCCCCAAGGACCTGAAATGACCCTGTGCCTTAT

3720 3730 3740 3750 3760 3770 3780
 TTGAACTAACCAATCAGTTCGCTTCTCGCTTCTGTTTCGCGCGCTTCTGCTCCCCGAGCTCAAT

G0235736-2.seq(1>3837)	→	TTGAACTAACCAATCAGTTCGCTTCTCGCTTCTGTTTCGCGCGCTTCTGCTCCCCGAGCTCAAT
F07-C25708-G0235736-2_PUC57-1.8K-SEQR.ab1(1>791)	←	TTGAACTAACCAATCAGTTCGCTTCTCGCTTCTGTTTCGCGCGCTTCTGCTCCCCGAGCTCAAT
F06-C25708-G0235736-2_G0235736-2-seq7.ab1(1>703)	→	TTGAACTAACCAATCAGTTCGCTTCTCGCTTCTGTTTCGCGCGCTTCTGCTCCCCGAGCTCAAT

3790 3800 3810 3820 3830 3840
 AAAAGAGCCCACAACCCCTCACTCGGGGCGCCAGTCCTCCGATTGACTGAGTCGCCCCGGGTAC

G0235736-2.seq(1>3837)	→	AAAAGAGCCCACAACCCCTCACTCGGGGCGCCAGTCCTCCGATTGACTGAGTCGCCCCGGGTAC
F07-C25708-G0235736-2_PUC57-1.8K-SEQR.ab1(1>791)	←	AAAAGAGCCCACAACCCCTCACTCGGGGCGCCAGTCCTCCGATTGACTGAGTCGCCCCGGGTAC
F06-C25708-G0235736-2_G0235736-2-seq7.ab1(1>703)	→	AAAAGAGCCCACAACCCCTCACTCGGGGCGCCAGTCCTCCGATTGACTGAGTCGCCCCGGGTAC

3850 3860 3870 3880 3890 3900
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G0235736-2.seq(1>3837)	→	CCGTGTATCCAATAAACCCCTCTTGCAGTTGCATCCGACTTGTGGTCTCGCTGTTTCCTTGGGAG
F07-C25708-G0235736-2_PUC57-1.8K-SEQR.ab1(1>791)	←	CCGTGTATCCAATAAACCCCTCTTGCAGTTGCATCCGACTTGTGGTCTCGCTGTTTCCTTGGGAG
F06-C25708-G0235736-2_G0235736-2-seq7.ab1(1>703)	→	CCGTGTATCCAATAAACCCCTCTTGCAGTTGCATCCGACTTGTGGTCTCGCTGTTTCCTTGGGAG

3910 3920 3930 3940 3950 3960
 GGTCTCCTCTGAGTGATTGACTACCCGTCAGCGGGGTCTTTCATTCTGCATTAATGAATCGG

G0235736-2.seq(1>3837)	→	GGTCTCCTCTGAGTGATTGACTACCCGTCAGCGGGGTCTTTCATTCTGCATTAATGAATCGG
F07-C25708-G0235736-2_PUC57-1.8K-SEQR.ab1(1>791)	←	GGTCTCCTCTGAGTGATTGACTACCCGTCAGCGGGGTCTTTCATTCTGCATTAATGAATCGG

3910 3920 3930 3940 3950 3960
GGTCTCCTCTGAGTGATTGACTACCCGTCAGCGGGGGTCTTTCATTCTGCATTAATGAATCGG
F06-C25708-G0235736-2_G0235736-2-seq7.ab1 (1>703) → GGTCTCCTCTGAGTGATTGACTACCCGTCAGCGGGGGTCTTTCATTCTGCATTAATGAATCGG

3970 3980 3990 4000 4010 4020 4030
CCAACGCGCGGGGAGAGGCGGTTTGCGTATTGGGCGCTCTTCCGCTTCCTCGCTCACTGACTC
F07-C25708-G0235736-2_PUC57-1.8K-SEQR.ab1 (1>791) ← CCAACGCGCGGGGAGAGGCGGTTTGCGTATTGGGCGCTCTTCCGCTTCCTCGCTCACTGACTC
F06-C25708-G0235736-2_G0235736-2-seq7.ab1 (1>703) → CCAACGCGCGGGGAGAGGCGGTTTGCGTATTGGGCGCTCTTCCGCTTCCTCGCTCACTGACTC

4040 4050 4060 4070 4080 4090
GCTGCGCTCGGTCGTTTCGGCTGCGGCGAGCGGTATCAGCTCACTCAAAGGCGGTAATACGGTT
F07-C25708-G0235736-2_PUC57-1.8K-SEQR.ab1 (1>791) ← GCTGCGCTCGGTCGTTTCGGCTGCGGCGAGCGGTATCAGCTCACTCAAAGGCGGTAATACGGTT
F06-C25708-G0235736-2_G0235736-2-seq7.ab1 (1>703) → GCTGCGCTCGGTCGTTTCGGCTGCGGCGAGCGGTATCAGCTCACTCAAAGGCGGTAATACGGTT

4100 4110 4120 4130 4140 4150
ATCCACAGAATCAGGGGATAACGCAGGAAAGAACATGTGAGCAAAGGCCAGCAAAGGCCAG
F07-C25708-G0235736-2_PUC57-1.8K-SEQR.ab1 (1>791) ← ATCCACAGAATCAGGGGATAACGCAGGAAAGAACATGTGAGCAAAGGCCAGCAAAGGCCAG
F06-C25708-G0235736-2_G0235736-2-seq7.ab1 (1>703) → ATCCACAGAATCAGGGGATAACGCAGGAAAGAACATGTGAGCAAAGGCCAGCAAAGGCCAG

4160 4170 4180 4190
GAACCGTAAAAAGGCCGCGTTGCTGGCGTTTTTCC
F06-C25708-G0235736-2_G0235736-2-seq7.ab1 (1>703) → GAACCGTAAAAAGGCCGCGTTGCTGGCGTTTTTCC