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                                         10        20        30        40        50        60        70        80        90
                                         GGTCGACATTGATTATTGACTAGTTATTAATAGTAATCAATTACGGGGTCATTAGTTCATAGCCCATATATGGAGTTCCGCGTTACATAACTT
G0262062-2.seq(1>7452)                   GGTCGACATTGATTATTGACTAGTTATTAATAGTAATCAATTACGGGGTCATTAGTTCATAGCCCATATATGGAGTTCCGCGTTACATAACTT

                                             100       110       120       130       140       150       160       170       180
                                         ACGGTAAATGGCCCGCCTGGCTGACCGCCCAACGACCCCCGCCCATTGACGTCAATAATGACGTATGTTCCCATAGTAACGCCAATAGGGACT
G0262062-2.seq(1>7452)                   ACGGTAAATGGCCCGCCTGGCTGACCGCCCAACGACCCCCGCCCATTGACGTCAATAATGACGTATGTTCCCATAGTAACGCCAATAGGGACT

                                             190       200       210       220       230       240       250       260       270
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G0262062-2.seq(1>7452)                   TTCCATTGACGTCAATGGGTGGAGTATTTACGGTAAACTGCCCACTTGGCAGTACATCAAGTGTATCATATGCCAAGTACGCCCCCTATTGAC

                                         280       290       300       310       320       330       340       350       360       370
                                         GTCAATGACGGTAAATGGCCCGCCTGGCATTATGCCCAGTACATGACCTTATGGGACTTTCCTACTTGGCAGTACATCTACGTATTAGTCATC
G0262062-2.seq(1>7452)                   GTCAATGACGGTAAATGGCCCGCCTGGCATTATGCCCAGTACATGACCTTATGGGACTTTCCTACTTGGCAGTACATCTACGTATTAGTCATC

                                             380       390       400       410       420       430       440       450       460
                                         GCTATTACCATGGTCGAGGTGAGCCCCACGTTCTGCTTCACTCTCCCCATCTCCCCCCCCTCCCCACCCCCAATTTTGTATTTATTTATTTTT
G0262062-2.seq(1>7452)                   GCTATTACCATGGTCGAGGTGAGCCCCACGTTCTGCTTCACTCTCCCCATCTCCCCCCCCTCCCCACCCCCAATTTTGTATTTATTTATTTTT

                                             470       480       490       500       510       520       530       540       550
                                         TAATTATTTTGTGCAGCGATGGGGGCGGGGGGGGGGGGGCGCGCCAGGCGGGGCGGGGCGGGGCGAGGGGCGGGGCGGGGCGAGGCGGAG
G0262062-2.seq(1>7452)                   TAATTATTTTGTGCAGCGATGGGGGCGGGGGGGGGGGGGCGCGCCAGGCGGGGCGGGGCGGGGCGAGGGGCGGGGCGGGGCGAGGCGGAG

                                         560       570       580       590       600       610       620       630       640       650
                                         AGGTGCGGCGGCAGCCAATCAGAGCGGCGCGCTCCGAAAGTTTCCTTTTATGGCGAGGCGGCGGCGGCGGCGGCCCTATAAAAAGCGAAGCGC
G0262062-2.seq(1>7452)                   AGGTGCGGCGGCAGCCAATCAGAGCGGCGCGCTCCGAAAGTTTCCTTTTATGGCGAGGCGGCGGCGGCGGCGGCCCTATAAAAAGCGAAGCGC

                                             660       670       680       690       700       710       720       730       740
                                         GCGGCGGGCGGGAGTCGCTGCGTTGCCTTCGCCCCGTGCCCCGCTCCGCGCCGCCTCGCGCCGCCCGCCCCGGCTCTGACTGACCGCGTTACT
G0262062-2.seq(1>7452)                   GCGGCGGGCGGGAGTCGCTGCGTTGCCTTCGCCCCGTGCCCCGCTCCGCGCCGCCTCGCGCCGCCCGCCCCGGCTCTGACTGACCGCGTTACT

                                             750       760       770       780       790       800       810       820       830
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G0262062-2.seq(1>7452)                   CCCACAGGTGAGCGGGCGGGACGGCCCTTCTCCTCCGGGCTGTAATTAGCGCTTGGTTTAATGACGGCTCGTTTCTTTTCTGTGGCTGCGTGA

                                         840       850       860       870       880       890       900       910       920       930
                                         AAGCCTTAAAGGGCTCCGGGAGGGCCCTTTGTGCGGGGGGGAGCGGCTCGGGGGGTGCGTGCGTGTGTGTGTGCGTGGGGAGCGCCGCGTGCG
G0262062-2.seq(1>7452)                   AAGCCTTAAAGGGCTCCGGGAGGGCCCTTTGTGCGGGGGGGAGCGGCTCGGGGGGTGCGTGCGTGTGTGTGTGCGTGGGGAGCGCCGCGTGCG

                                             940       950       960       970       980       990      1000      1010      1020
                                         GCCCGCGCTGCCCGGCGGCTGTGAGCGCTGCGGGCGCGGCGCGGGGCTTTGTGCGCTCCGCGTGTGCGCGAGGGGAGCGCGGCCGGGGGCGGT
G0262062-2.seq(1>7452)                   GCCCGCGCTGCCCGGCGGCTGTGAGCGCTGCGGGCGCGGCGCGGGGCTTTGTGCGCTCCGCGTGTGCGCGAGGGGAGCGCGGCCGGGGGCGGT

                                            1030      1040      1050      1060      1070      1080      1090      1100      1110
                                         GCCCCGCGGTGCGGGGGGGCTGCGAGGGGAACAAAGGCTGCGTGCGGGGTGTGTGCGTGGGGGGGTGAGCAGGGGGTGTGGGCGCGGCGGTCG
G0262062-2.seq(1>7452)                   GCCCCGCGGTGCGGGGGGGCTGCGAGGGGAACAAAGGCTGCGTGCGGGGTGTGTGCGTGGGGGGGTGAGCAGGGGGTGTGGGCGCGGCGGTCG

                                            1120      1130      1140      1150      1160      1170      1180      1190      1200
                                         GGCTGTAACCCCCCCCTGCACCCCCCTCCCCGAGTTGCTGAGCACGGCCCGGCTTCGGGTGCGGGGCTCCGTGCGGGGCGTGGCGCGGGGCTC
G0262062-2.seq(1>7452)                   GGCTGTAACCCCCCCCTGCACCCCCCTCCCCGAGTTGCTGAGCACGGCCCGGCTTCGGGTGCGGGGCTCCGTGCGGGGCGTGGCGCGGGGCTC

                                        1210      1220      1230      1240      1250      1260      1270      1280      1290      1300
                                         GCCGTGCCGGGCGGGGGGTGGCGGCAGGTGGGGGTGCCGGGCGGGGCGGGGCCGCCTCGGGCCGGGGAGGGCTCGGGGGAGGGGCGCGGCGGC
G0262062-2.seq(1>7452)                   GCCGTGCCGGGCGGGGGGTGGCGGCAGGTGGGGGTGCCGGGCGGGGCGGGGCCGCCTCGGGCCGGGGAGGGCTCGGGGGAGGGGCGCGGCGGC

                                            1310      1320      1330      1340      1350      1360      1370      1380      1390
                                         CCCGGAGCGCCGGCGGCTGTCGAGGCGCGGCGAGCCGCAGCCATTGCCTTTTATGGTAATCGTGCGAGAGGGCGCAGGGACTTCCTTTGTCCC
G0262062-2.seq(1>7452)                   CCCGGAGCGCCGGCGGCTGTCGAGGCGCGGCGAGCCGCAGCCATTGCCTTTTATGGTAATCGTGCGAGAGGGCGCAGGGACTTCCTTTGTCCC

                                            1400      1410      1420      1430      1440      1450      1460      1470      1480
                                         AAATCTGTGCGGAGCCGAAATCTGGGAGGCGCCGCCGCACCCCCTCTAGCGGGCGCGGGGCGAAGCGGTGCGGCGCCGGCAGGAAGGAAATGG
G0262062-2.seq(1>7452)                   AAATCTGTGCGGAGCCGAAATCTGGGAGGCGCCGCCGCACCCCCTCTAGCGGGCGCGGGGCGAAGCGGTGCGGCGCCGGCAGGAAGGAAATGG
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                                        1490      1500      1510      1520      1530      1540      1550      1560      1570      1580
                                        GCGGGGAGGGCCTTCGTGCGTCGCCGCGCCGCCGTCCCCTTCTCCCTCTCCAGCCTCGGGGCTGTCCGCGGGGGGACGGCTGCCTTCGGGGGG
G0262062-2.seq(1>7452)                  GCGGGGAGGGCCTTCGTGCGTCGCCGCGCCGCCGTCCCCTTCTCCCTCTCCAGCCTCGGGGCTGTCCGCGGGGGGACGGCTGCCTTCGGGGGG

                                             1590      1600      1610      1620      1630      1640      1650      1660      1670
                                        GACGGGGCAGGGCGGGGTTCGGCTTCTGGCGTGTGACCGGCGGCTCTAGAGCCTCTGCTAACCATGTTCATGCCTTCTTCTTTTTCCTACAGC
G0262062-2.seq(1>7452)                  GACGGGGCAGGGCGGGGTTCGGCTTCTGGCGTGTGACCGGCGGCTCTAGAGCCTCTGCTAACCATGTTCATGCCTTCTTCTTTTTCCTACAGC

                                        1680      1690      1700      1710      1720      1730      1740      1750      1760
                                        TCCTGGGCAACGTGCTGGTTATTGTGCTGTCTCATCATTTTGGCAAAGAATTCGCCGCCACCATGAACACGATTAACATCGCTAAGAACGACT
G0262062-2.seq(1>7452)                  TCCTGGGCAACGTGCTGGTTATTGTGCTGTCTCATCATTTTGGCAAAGAATTCGCCGCCACCATGAACACGATTAACATCGCTAAGAACGACT

                                        1770      1780      1790      1800      1810      1820      1830      1840      1850      1860
                                        TCTCTGACATCGAACTGGCTGCTATCCCGTTCAACACTCTGGCTGACCATTACGGTGAGCGTTTAGCTCGCGAACAGTTGGCCCTTGAGCATG
G0262062-2.seq(1>7452)                  TCTCTGACATCGAACTGGCTGCTATCCCGTTCAACACTCTGGCTGACCATTACGGTGAGCGTTTAGCTCGCGAACAGTTGGCCCTTGAGCATG

                                             1870      1880      1890      1900      1910      1920      1930      1940      1950
                                        AGTCTTACGAGATGGGTGAAGCACGCTTCCGCAAGATGTTTGAGCGTCAACTTAAAGCTGGTGAGGTTGCGGATAACGCTGCCGCCAAGCCTC
G0262062-2.seq(1>7452)                  AGTCTTACGAGATGGGTGAAGCACGCTTCCGCAAGATGTTTGAGCGTCAACTTAAAGCTGGTGAGGTTGCGGATAACGCTGCCGCCAAGCCTC

                                        1960      1970      1980      1990      2000      2010      2020      2030      2040
                                        TCATCACTACCCTACTCCCTAAGATGATTGCACGCATCAACGACTGGTTTGAGGAAGTGAAAGCTAAGCGCGGCAAGCGCCCGACAGCCTTCC
G0262062-2.seq(1>7452)                  TCATCACTACCCTACTCCCTAAGATGATTGCACGCATCAACGACTGGTTTGAGGAAGTGAAAGCTAAGCGCGGCAAGCGCCCGACAGCCTTCC

                                        2050      2060      2070      2080      2090      2100      2110      2120      2130
                                        AGTTCCTGCAAGAAATCAAGCCGGAAGCCGTAGCGTACATCACCATTAAGACCACTCTGGCTTGCCTAACCAGTGCTGACAATACAACCGTTC
G0262062-2.seq(1>7452)                  AGTTCCTGCAAGAAATCAAGCCGGAAGCCGTAGCGTACATCACCATTAAGACCACTCTGGCTTGCCTAACCAGTGCTGACAATACAACCGTTC

                                        2140      2150      2160      2170      2180      2190      2200      2210      2220      2230
                                        AGGCTGTAGCAAGCGCAATCGGTCGGGCCATTGAGGACGAGGCTCGCTTCGGTCGTATCCGTGACCTTGAAGCTAAGCACTTCAAGAAAAACG
G0262062-2.seq(1>7452)                  AGGCTGTAGCAAGCGCAATCGGTCGGGCCATTGAGGACGAGGCTCGCTTCGGTCGTATCCGTGACCTTGAAGCTAAGCACTTCAAGAAAAACG

                                             2240      2250      2260      2270      2280      2290      2300      2310      2320
                                        TTGAGGAACAACTCAACAAGCGCGTAGGGCACGTCTACAAGAAAGCATTTATGCAAGTTGTCGAGGCTGACATGCTCTCTAAGGGTCTACTCG
G0262062-2.seq(1>7452)                  TTGAGGAACAACTCAACAAGCGCGTAGGGCACGTCTACAAGAAAGCATTTATGCAAGTTGTCGAGGCTGACATGCTCTCTAAGGGTCTACTCG

                                        2330      2340      2350      2360      2370      2380      2390      2400      2410
                                        GTGGCGAGGCGTGGTCTTCGTGGCATAAGGAAGACTCTATTCATGTAGGAGTACGCTGCATCGAGATGCTCATTGAGTCAACCGGAATGGTTA
G0262062-2.seq(1>7452)                  GTGGCGAGGCGTGGTCTTCGTGGCATAAGGAAGACTCTATTCATGTAGGAGTACGCTGCATCGAGATGCTCATTGAGTCAACCGGAATGGTTA

                                        2420      2430      2440      2450      2460      2470      2480      2490      2500      2510
                                        GCTTACACCGCCAAAATGCTGGCGTAGTAGGTCAAGACTCTGAGACTATCGAACTCGCACCTGAATACGCTGAGGCTATCGCAACCCGTGCAG
G0262062-2.seq(1>7452)                  GCTTACACCGCCAAAATGCTGGCGTAGTAGGTCAAGACTCTGAGACTATCGAACTCGCACCTGAATACGCTGAGGCTATCGCAACCCGTGCAG

                                             2520      2530      2540      2550      2560      2570      2580      2590      2600
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G0262062-2.seq(1>7452)                  GTGCGCTGGCTGGCATCTCTCCGATGTTCCAACCTTGCGTAGTTCCTCCTAAGCCGTGGACTGGCATTACTGGTGGTGGCTATTGGGCTAACG

                                        2610      2620      2630      2640      2650      2660      2670      2680      2690
                                        GTCGTCGTCCTCTGGCGCTGGTGCGTACTCACAGTAAGAAAGCACTGATGCGCTACGAAGACGTTTACATGCCTGAGGTGTACAAAGCGATTA
G0262062-2.seq(1>7452)                  GTCGTCGTCCTCTGGCGCTGGTGCGTACTCACAGTAAGAAAGCACTGATGCGCTACGAAGACGTTTACATGCCTGAGGTGTACAAAGCGATTA

                                        2700      2710      2720      2730      2740      2750      2760      2770      2780      2790
                                        ACATTGCGCAAAACACCGCATGGAAAATCAACAAGAAAGTCCTAGCGGTCGCCAACGTAATCACCAAGTGGAAGCATTGTCCGGTCGAGGACA
G0262062-2.seq(1>7452)                  ACATTGCGCAAAACACCGCATGGAAAATCAACAAGAAAGTCCTAGCGGTCGCCAACGTAATCACCAAGTGGAAGCATTGTCCGGTCGAGGACA

                                             2800      2810      2820      2830      2840      2850      2860      2870      2880
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G0262062-2.seq(1>7452)                  TCCCTGCGATTGAACGTGAAGAACTCCCGATGAAACCGGAAGACATCGACATGAATCCTGAGGCTCTCACCGCGTGGAAACGTGCTGCCGCTG

                                        2890      2900      2910      2920      2930      2940      2950      2960      2970
                                        CTGTGTACCGCAAGGACAAGGCTCGCAAGTCTCGCCGTATCAGCCTTGAGTTCATGCTTGAGCAAGCCAATAAGTTTGCTAACCATAAGGCCA
G0262062-2.seq(1>7452)                  CTGTGTACCGCAAGGACAAGGCTCGCAAGTCTCGCCGTATCAGCCTTGAGTTCATGCTTGAGCAAGCCAATAAGTTTGCTAACCATAAGGCCA
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2980 2990 3000 3010 3020 3030 3040 3050 3060

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G0262062-2.seq(1>7452) → TCTGGTTCCCTTACAACATGGACTGGCGCGGTCGTGTTTACGCTGTGTCAATGTTCAACCCGCAAGGTAACGATATGACCAAAGGACTGCTTA

3070 3080 3090 3100 3110 3120 3130 3140 3150 3160

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G0262062-2.seq(1>7452) → CGCTGGCGAAAGGTAAACCAATCGGTAAGGAAGGTTACTACTGGCTGAAAATCCACGGTGCAAACTGTGCGGGTGTCGATAAGGTTCCGTTCC

3170 3180 3190 3200 3210 3220 3230 3240 3250

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G0262062-2.seq(1>7452) → CTGAGCGCATCAAGTTCATTGAGGAAAACCACGAGAACATCATGGCTTGCGCTAAGTCTCCACTGGAGAACACTTGGTGGGCTGAGCAAGATT

3260 3270 3280 3290 3300 3310 3320 3330 3340

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G0262062-2.seq(1>7452) → CTCCGTTCTGCTTCCTTGCGTTCTGCTTTGAGTACGCTGGGGTACAGCACCACGGCCTGAGCTATAACTGCTCCCTTCCGCTGGCGTTTGACG

3350 3360 3370 3380 3390 3400 3410 3420 3430 3440

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G0262062-2.seq(1>7452) → GGTCTTGCTCTGGCATCCAGCACTTCTCCGCGATGCTCCGAGATGAGGTAGGTGGTCGCGCGGTTAACTTGCTTCCTAGTGAAACCGTTCAGG

3450 3460 3470 3480 3490 3500 3510 3520 3530

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G0262062-2.seq(1>7452) → ACATCTACGGGATTGTTGCTAAGAAAGTCAACGAGATTCTACAAGCAGACGCAATCAATGGGACCGATAACGAAGTAGTTACCGTGACCGATG

3540 3550 3560 3570 3580 3590 3600 3610 3620

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G0262062-2.seq(1>7452) → AGAACACTGGTGAAATCTCTGAGAAAGTCAAGCTGGGCACTAAGGCACTGGCTGGTCAATGGCTGGCTTACGGTGTTACTCGCAGTGTGACTA

3630 3640 3650 3660 3670 3680 3690 3700 3710 3720

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G0262062-2.seq(1>7452) → AGCGTTCAGTCATGACGCTGGCTTACGGGTCCAAAGAGTTCGGCTTCCGTCAACAAGTGCTGGAAGATACCATTCAGCCAGCTATTGATTCCG

3730 3740 3750 3760 3770 3780 3790 3800 3810

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G0262062-2.seq(1>7452) → GCAAGGGTCTGATGTTCACTCAGCCGAATCAGGCTGCTGGATACATGGCTAAGCTGATTTGGGAATCTGTGAGCGTGACGGTGGTAGCTGCGG

3820 3830 3840 3850 3860 3870 3880 3890 3900

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G0262062-2.seq(1>7452) → TTGAAGCAATGAACTGGCTTAAGTCTGCTGCTAAGCTGCTGGCTGCTGAGGTCAAAGATAAGAAGACTGGAGAGATTCTTCGCAAGCGTTGCG

3910 3920 3930 3940 3950 3960 3970 3980 3990

CTGTGCATTGGGTAACTCCTGATGGTTTCCCTGTGTGGCAGGAATACAAGAAGCCTATTCAGACGCGCTTGAACCTGATGTTCCTCGGTCAGT

G0262062-2.seq(1>7452) → CTGTGCATTGGGTAACTCCTGATGGTTTCCCTGTGTGGCAGGAATACAAGAAGCCTATTCAGACGCGCTTGAACCTGATGTTCCTCGGTCAGT

4000 4010 4020 4030 4040 4050 4060 4070 4080 4090

TCCGCTTACAGCCTACCATTAACACCAACAAAGATAGCGAGATTGATGCACACAAACAGGAGTCTGGTATCGCTCCTAACTTTGTACACAGCC

G0262062-2.seq(1>7452) → TCCGCTTACAGCCTACCATTAACACCAACAAAGATAGCGAGATTGATGCACACAAACAGGAGTCTGGTATCGCTCCTAACTTTGTACACAGCC

4100 4110 4120 4130 4140 4150 4160 4170 4180

AAGACGGTAGCCACCTTCGTAAGACTGTAGTGTGGGCACACGAGAAGTACGGAATCGAATCTTTTGCACTGATTCACGACTCCTTCGGTACCA

G0262062-2.seq(1>7452) → AAGACGGTAGCCACCTTCGTAAGACTGTAGTGTGGGCACACGAGAAGTACGGAATCGAATCTTTTGCACTGATTCACGACTCCTTCGGTACCA

4190 4200 4210 4220 4230 4240 4250 4260 4270

TTCCGGCTGACGCTGCGAACCTGTTCAAAGCAGTGCGCGAAACTATGGTTGACACATATGAGTCTTGTGATGTACTGGCTGATTTCTACGACC

G0262062-2.seq(1>7452) → TTCCGGCTGACGCTGCGAACCTGTTCAAAGCAGTGCGCGAAACTATGGTTGACACATATGAGTCTTGTGATGTACTGGCTGATTTCTACGACC

4280 4290 4300 4310 4320 4330 4340 4350 4360 4370

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G0262062-2.seq(1>7452) → AGTTCGCTGACCAGTTGCACGAGTCTCAATTGGACAAAATGCCAGCACTTCCGGCTAAAGGTAACTTGAACCTCCGTGACATCTTAGAGTCGG

4380 4390 4400 4410 4420 4430 4440 4450 4460

ACTTCGCGTTCGCGTAAGCGGCCGCACTCCTCAGGTGCAGGCTGCCTATCAGAAGGTGGTGGCTGGTGTGGCCAATGCCCTGGCTCACAAATA

G0262062-2.seq(1>7452) → ACTTCGCGTTCGCGTAAGCGGCCGCACTCCTCAGGTGCAGGCTGCCTATCAGAAGGTGGTGGCTGGTGTGGCCAATGCCCTGGCTCACAAATA

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                                                  4470      4480      4490      4500      4510      4520      4530      4540      4550
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G0262062-2.seq(1>7452)                    →       CCACTGAGATCTTTTTCCCTCTGCCAAAAATTATGGGGACATCATGAAGCCCCTTGAGCATCTGACTTCTGGCTAATAAAGGAAATTTATTTT

                                                  4560      4570      4580      4590      4600      4610      4620      4630      4640      4650
                                                  CATTGCAATAGTGTGTTGGAATTTTTTGTGTCTCTCACTCGGAAGGACATATGGGAGGGCAAATCATTTAAAACATCAGAATGAGTATTTGGT
G0262062-2.seq(1>7452)                    →       CATTGCAATAGTGTGTTGGAATTTTTTGTGTCTCTCACTCGGAAGGACATATGGGAGGGCAAATCATTTAAAACATCAGAATGAGTATTTGGT

                                                          4660      4670      4680      4690      4700      4710      4720      4730      4740
                                                  TTAGAGTTTGGCAACATATGCCCATATGCTGGCTGCCATGAACAAAGGTTGGCTATAAAGAGGTCATCAGTATATGAAACAGCCCCCTGCTGT
G0262062-2.seq(1>7452)                    →       TTAGAGTTTGGCAACATATGCCCATATGCTGGCTGCCATGAACAAAGGTTGGCTATAAAGAGGTCATCAGTATATGAAACAGCCCCCTGCTGT
ZA03-E53128-G0262062-2_M13-76.ab1(1>789)  ←                                         ACAAAGGTTGGCTATAAAGAGGTCATCAGTATATGAAACAGCCCCCTGCTGT

                                                  4750      4760      4770      4780      4790      4800      4810      4820      4830
                                                  CCATTCCTTATTCCATAGAAAAGCCTTGACTTGAGGTTAGATTTTTTTTATATTTTGTTTTGTGTTATTTTTTTCTTTAACATCCCTAAAATT
G0262062-2.seq(1>7452)                    →       CCATTCCTTATTCCATAGAAAAGCCTTGACTTGAGGTTAGATTTTTTTTATATTTTGTTTTGTGTTATTTTTTTCTTTAACATCCCTAAAATT
ZA03-E53128-G0262062-2_M13-76.ab1(1>789)  ←       CCATTCCTTATTCCATAGAAAAGCCTTGACTTGAGGTTAGATTTTTTTTATATTTTGTTTTGTGTTATTTTTTTCTTTAACATCCCTAAAATT

                                                  4840      4850      4860      4870      4880      4890      4900      4910      4920
                                                  TTCCTTACATGTTTTACTAGCCAGATTTTTCCTCCTCTCCTGACTACTCCCAGTCATAGCTGTCCCTCTTCTCTTATGGAGATCCCTCGACCT
G0262062-2.seq(1>7452)                    →       TTCCTTACATGTTTTACTAGCCAGATTTTTCCTCCTCTCCTGACTACTCCCAGTCATAGCTGTCCCTCTTCTCTTATGGAGATCCCTCGACCT
ZA03-E53128-G0262062-2_M13-76.ab1(1>789)  ←       TTCCTTACATGTTTTACTAGCCAGATTTTTCCTCCTCTCCTGACTACTCCCAGTCATAGCTGTCCCTCTTCTCTTATGGAGATCCCTCGACCT

                                                  4930      4940      4950      4960      4970      4980      4990      5000      5010      5020
                                                  GCAGCCCAAGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGAAGCA
G0262062-2.seq(1>7452)                    →       GCAGCCCAAGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGAAGCA
ZA03-E53128-G0262062-2_M13-76.ab1(1>789)  ←       GCAGCCCAAGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGAAGCA

                                                          5030      5040      5050      5060      5070      5080      5090      5100      5110
                                                  TAAAGTGTAAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAATTGCGTTGCGCTCACTGCCCGCTTTCCAGTCGGGAAACCTGTCGT
G0262062-2.seq(1>7452)                    →       TAAAGTGTAAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAATTGCGTTGCGCTCACTGCCCGCTTTCCAGTCGGGAAACCTGTCGT
ZA03-E53128-G0262062-2_M13-76.ab1(1>789)  ←       TAAAGTGTAAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAATTGCGTTGCGCTCACTGCCCGCTTTCCAGTCGGGAAACCTGTCGT

                                                  5120      5130      5140      5150      5160      5170      5180      5190      5200
                                                  GCCAGCGGATCCGCATCTCAATTAGTCAGCAACCATAGTCCCGCCCCTAACTCCGCCCATCCCGCCCCTAACTCCGCCCAGTTCCGCCCATTC
G0262062-2.seq(1>7452)                    →       GCCAGCGGATCCGCATCTCAATTAGTCAGCAACCATAGTCCCGCCCCTAACTCCGCCCATCCCGCCCCTAACTCCGCCCAGTTCCGCCCATTC
ZA03-E53128-G0262062-2_M13-76.ab1(1>789)  ←       GCCAGCGGATCCGCATCTCAATTAGTCAGCAACCATAGTCCCGCCCCTAACTCCGCCCATCCCGCCCCTAACTCCGCCCAGTTCCGCCCATTC

                                                  5210      5220      5230      5240      5250      5260      5270      5280      5290      5300
                                                  TCCGCCCCATGGCTGACTAATTTTTTTTATTTATGCAGAGGCCGAGGCCGCCTCGGCCTCTGAGCTATTCCAGAAGTAGTGAGGAGGCTTTTT
G0262062-2.seq(1>7452)                    →       TCCGCCCCATGGCTGACTAATTTTTTTTATTTATGCAGAGGCCGAGGCCGCCTCGGCCTCTGAGCTATTCCAGAAGTAGTGAGGAGGCTTTTT
ZA03-E53128-G0262062-2_M13-76.ab1(1>789)  ←       TCCGCCCCATGGCTGACTAATTTTTTTTATTTATGCAGAGGCCGAGGCCGCCTCGGCCTCTGAGCTATTCCAGAAGTAGTGAGGAGGCTTTTT

                                                          5310      5320      5330      5340      5350      5360      5370      5380      5390
                                                  TGGAGGCCTAGGCTTTTGCAAAAAGCTAACTTGTTTATTGCAGCTTATAATGGTTACAAATAAAGCAATAGCATCACAAATTTCACAAATAAA
G0262062-2.seq(1>7452)                    →       TGGAGGCCTAGGCTTTTGCAAAAAGCTAACTTGTTTATTGCAGCTTATAATGGTTACAAATAAAGCAATAGCATCACAAATTTCACAAATAAA
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                                                  5400      5410      5420      5430      5440      5450      5460      5470      5480
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G0262062-2.seq(1>7452)                    →       GCATTTTTTTCACTGCATTCTAGTTGTGGTTTGTCCAAACTCATCAATGTATCTTATCATGTCTGGATCCGCTGCATTAATGAATCGGCCAAC
ZA03-E53128-G0262062-2_M13-76.ab1(1>789)  ←       GCATTTTTTTCACTGCATTCTAGTTGTGGTTTGTCCAAACTCATCAATGTATCTTATCATGTCTGGATCCGCTGCATTAATGAATC

                                                  5490      5500      5510      5520      5530      5540      5550      5560      5570      5580
                                                  GCGCGGGGAGAGGCGGTTTGCGTATTGGGCGCTCTTCCGCTTCCTCGCTCACTGACTCGCTGCGCTCGGTCGTTCGGCTGCGGCGAGCGGTAT
G0262062-2.seq(1>7452)                    →       GCGCGGGGAGAGGCGGTTTGCGTATTGGGCGCTCTTCCGCTTCCTCGCTCACTGACTCGCTGCGCTCGGTCGTTCGGCTGCGGCGAGCGGTAT

                                                          5590      5600      5610      5620      5630      5640      5650      5660      5670
                                                  CAGCTCACTCAAAGGCGGTAATACGGTTATCCACAGAATCAGGGGATAACGCAGGAAAGAACATGTGAGCAAAAGGCCAGCAAAAGGCCAGGA
G0262062-2.seq(1>7452)                    →       CAGCTCACTCAAAGGCGGTAATACGGTTATCCACAGAATCAGGGGATAACGCAGGAAAGAACATGTGAGCAAAAGGCCAGCAAAAGGCCAGGA

                                                  5680      5690      5700      5710      5720      5730      5740      5750      5760
                                                  ACCGTAAAAAGGCCGCGTTGCTGGCGTTTTTCCATAGGCTCCGCCCCCCTGACGAGCATCACAAAAATCGACGCTCAAGTCAGAGGTGGCGAA
G0262062-2.seq(1>7452)                    →       ACCGTAAAAAGGCCGCGTTGCTGGCGTTTTTCCATAGGCTCCGCCCCCCTGACGAGCATCACAAAAATCGACGCTCAAGTCAGAGGTGGCGAA

                                                  5770      5780      5790      5800      5810      5820      5830      5840      5850
                                                  ACCCGACAGGACTATAAAGATACCAGGCGTTTCCCCCTGGAAGCTCCCTCGTGCGCTCTCCTGTTCCGACCCTGCCGCTTACCGGATACCTGT
G0262062-2.seq(1>7452)                    →
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5860 5870 5880 5890 5900 5910 5920 5930 5940 5950

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G0262062-2.seq(1>7452) → CCGCCTTTCTCCCTTCGGGAAGCGTGGCGCTTTCTCATAGCTCACGCTGTAGGTATCTCAGTTCGGTGTAGGTCGTTCGCTCCAAGCTGGGCT

5960 5970 5980 5990 6000 6010 6020 6030 6040

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G0262062-2.seq(1>7452) → GTGTGCACGAACCCCCCGTTCAGCCCGACCGCTGCGCCTTATCCGGTAACTATCGTCTTGAGTCCAACCCGGTAAGACACGACTTATCGCCAC

6050 6060 6070 6080 6090 6100 6110 6120 6130

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6140 6150 6160 6170 6180 6190 6200 6210 6220 6230

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6240 6250 6260 6270 6280 6290 6300 6310 6320

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6330 6340 6350 6360 6370 6380 6390 6400 6410

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G0262062-2.seq(1>7452) → CTCAGTGGAACGAAAACTCACGTTAAGGGATTTTGGTCATGAGATTATCAAAAAGGATCTTCACCTAGATCCTTTTAAATTAAAAATGAAGTT

6420 6430 6440 6450 6460 6470 6480 6490 6500 6510

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6520 6530 6540 6550 6560 6570 6580 6590 6600

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6610 6620 6630 6640 6650 6660 6670 6680 6690

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6700 6710 6720 6730 6740 6750 6760 6770 6780

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6790 6800 6810 6820 6830 6840 6850 6860 6870 6880

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6890 6900 6910 6920 6930 6940 6950 6960 6970

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6980 6990 7000 7010 7020 7030 7040 7050 7060

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7070 7080 7090 7100 7110 7120 7130 7140 7150 7160

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7170 7180 7190 7200 7210 7220 7230 7240 7250

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7260 7270 7280 7290 7300 7310 7320 7330 7340

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                                                  7350      7360      7370      7380      7390      7400      7410      7420      7430      7440
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