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                                                10        20        30        40
                                        CTCTATCGATAGGTACCGAGCTCTTACGCGAGATCAAAGGG
C02-D38699-G0262051-1_RVp3.ab1(1>793)→  CTCTATCGATAGGTACCGAGCTCTTACGCGAGATCAAAGGG
G0262051-1.seq(1>4985)               →             GGTACCGAGCTCTTACGCGAGATCAAAGGG

                                               50        60        70        80
                                        GGTAAGATCAAAGGGGGTAAGATCAAAGGGGCGCGAGATCA
C02-D38699-G0262051-1_RVp3.ab1(1>793)→  GGTAAGATCAAAGGGGGTAAGATCAAAGGGGCGCGAGATCA
G0262051-1.seq(1>4985)               →  GGTAAGATCAAAGGGGGTAAGATCAAAGGGGCGCGAGATCA

                                              90       100       110       120
                                        AAGGGGGTAAGATCAAAGGGGGTAAGATCAAAGGGGGTAAG
C02-D38699-G0262051-1_RVp3.ab1(1>793)→  AAGGGGGTAAGATCAAAGGGGGTAAGATCAAAGGGGGTAAG
G0262051-1.seq(1>4985)               →  AAGGGGGTAAGATCAAAGGGGGTAAGATCAAAGGGGGTAAG

                                            130       140       150       160
                                        ATCAAAGGGGCGCGCCCGCGTGCTAGCCCGGGCTCGAGATC
C02-D38699-G0262051-1_RVp3.ab1(1>793)→  ATCAAAGGGGCGCGCCCGCGTGCTAGCCCGGGCTCGAGATC
G0262051-1.seq(1>4985)               →  ATCAAAGGGGCGCGCCCGCGTGCTAGCCCGGGCTCGAGATC

                                           170       180       190       200
                                        TAGACTCTAGAGGGTATATAATGGAAGCTCGAATTCCAGCT
C02-D38699-G0262051-1_RVp3.ab1(1>793)→  TAGACTCTAGAGGGTATATAATGGAAGCTCGAATTCCAGCT
G0262051-1.seq(1>4985)               →  TAGACTCTAGAGGGTATATAATGGAAGCTCGAATTCCAGCT

                                          210       220       230       240
                                        TGGCATTCCGGTACTGTTGGTAAAAAGCTTGGCATTCCGGT
C02-D38699-G0262051-1_RVp3.ab1(1>793)→  TGGCATTCCGGTACTGTTGGTAAAAAGCTTGGCATTCCGGT
G0262051-1.seq(1>4985)               →  TGGCATTCCGGTACTGTTGGTAAAAAGCTTGGCATTCCGGT

                                         250       260       270       280
                                        ACTGTTGGTAAAGCCACCATGGAAGACGCCAAAAACATAAA
C02-D38699-G0262051-1_RVp3.ab1(1>793)→  ACTGTTGGTAAAGCCACCATGGAAGACGCCAAAAACATAAA
G0262051-1.seq(1>4985)               →  ACTGTTGGTAAAGCCACCATGGAAGACGCCAAAAACATAAA

                                        290       300       310       320
                                        GAAAGGCCCGGCGCCATTCTATCCGCTGGAAGATGGAACCG
C02-D38699-G0262051-1_RVp3.ab1(1>793)→  GAAAGGCCCGGCGCCATTCTATCCGCTGGAAGATGGAACCG
G0262051-1.seq(1>4985)               →  GAAAGGCCCGGCGCCATTCTATCCGCTGGAAGATGGAACCG

                                       330       340       350       360
                                        CTGGAGAGCAACTGCATAAGGCTATGAAGAGATACGCCCTG
C02-D38699-G0262051-1_RVp3.ab1(1>793)→  CTGGAGAGCAACTGCATAAGGCTATGAAGAGATACGCCCTG
G0262051-1.seq(1>4985)               →  CTGGAGAGCAACTGCATAAGGCTATGAAGAGATACGCCCTG

                                      370       380       390       400       410
                                        GTTCCTGGAACAATTGCTTTTACAGATGCACATATCGAGGT
C02-D38699-G0262051-1_RVp3.ab1(1>793)→  GTTCCTGGAACAATTGCTTTTACAGATGCACATATCGAGGT
G0262051-1.seq(1>4985)               →  GTTCCTGGAACAATTGCTTTTACAGATGCACATATCGAGGT
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                                                    420       430       440       450
                                             GGACATCACTTACGCTGAGTACTTCGAAATGTCCGTTCGGT
C02-D38699-G0262051-1_RVp3.ab1(1>793)→       GGACATCACTTACGCTGAGTACTTCGAAATGTCCGTTCGGT
G0262051-1.seq(1>4985)                  →    GGACATCACTTACGCTGAGTACTTCGAAATGTCCGTTCGGT

                                                   460       470       480       490
                                             TGGCAGAAGCTATGAAACGATATGGGCTGAATACAAATCAC
C02-D38699-G0262051-1_RVp3.ab1(1>793)→       TGGCAGAAGCTATGAAACGATATGGGCTGAATACAAATCAC
G0262051-1.seq(1>4985)                  →    TGGCAGAAGCTATGAAACGATATGGGCTGAATACAAATCAC

                                                  500       510       520       530
                                             AGAATCGTCGTATGCAGTGAAAACTCTCTTCAATTCTTTAT
C02-D38699-G0262051-1_RVp3.ab1(1>793)→       AGAATCGTCGTATGCAGTGAAAACTCTCTTCAATTCTTTAT
G0262051-1.seq(1>4985)                  →    AGAATCGTCGTATGCAGTGAAAACTCTCTTCAATTCTTTAT

                                                 540       550       560       570
                                             GCCGGTGTTGGGCGCGTTATTTATCGGAGTTGCAGTTGCGC
C02-D38699-G0262051-1_RVp3.ab1(1>793)→       GCCGGTGTTGGGCGCGTTATTTATCGGAGTTGCAGTTGCGC
G0262051-1.seq(1>4985)                  →    GCCGGTGTTGGGCGCGTTATTTATCGGAGTTGCAGTTGCGC

                                                580       590       600       610
                                             CCGCGAACGACATTTATAATGAACGTGAATTGCTCAACAGT
C02-D38699-G0262051-1_RVp3.ab1(1>793)→       CCGCGAACGACATTTATAATGAACGTGAATTGCTCAACAGT
G0262051-1.seq(1>4985)                  →    CCGCGAACGACATTTATAATGAACGTGAATTGCTCAACAGT

                                               620       630       640       650
                                             ATGGGCATTTCGCAGCCTACCGTGGTGTTCGTTTCCAAAAA
C02-D38699-G0262051-1_RVp3.ab1(1>793)→       ATGGGCATTTCGCAGCCTACCGTGGTGTTCGTTTCCAAAAA
G0262051-1.seq(1>4985)                  →    ATGGGCATTTCGCAGCCTACCGTGGTGTTCGTTTCCAAAAA

                                              660       670       680       690
                                             GGGGTTGCAAAAAATTTTGAACGTGCAAAAAAAGCTCCCAA
C02-D38699-G0262051-1_RVp3.ab1(1>793)→       GGGGTTGCAAAAAATTTTGAACGTGCAAAAAAAGCTCCCAA
G0262051-1.seq(1>4985)                  →    GGGGTTGCAAAAAATTTTGAACGTGCAAAAAAAGCTCCCAA

                                             700       710       720       730
                                             TCATCCAAAAAATTATTATCATGGATTCTAAAACGGATTAC
C02-D38699-G0262051-1_RVp3.ab1(1>793)→       TCATCCAAAAAATTATTATCATGGATTCTAAAACGGATTAC
G0262051-1.seq(1>4985)                  →    TCATCCAAAAAATTATTATCATGGATTCTAAAACGGATTAC

                                            740       750       760       770
                                             CAGGGATTTCAGTCGATGTACACGTTCGTCACATCTCATCT
C02-D38699-G0262051-1_RVp3.ab1(1>793)→       CAGGGATTTCAGTCGATGTACACGTTCGTCACATCTCATCT
G0262051-1.seq(1>4985)                  →    CAGGGATTTCAGTCGATGTACACGTTCGTCACATCTCATCT

                                           780       790       800       810       820
                                             ACCTCCCGGTTTTAATGAATACGATTTTGTGCCAGAGTCCT
C02-D38699-G0262051-1_RVp3.ab1(1>793)→       ACCTCCCGGTTTTA
G0262051-1.seq(1>4985)                  →    ACCTCCCGGTTTTAATGAATACGATTTTGTGCCAGAGTCCT
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                                   830       840       850       860
                           TCGATAGGGACAAGACAATTGCACTGATCATGAACTCCTCT
G0262051-1.seq(1>4985)  →  TCGATAGGGACAAGACAATTGCACTGATCATGAACTCCTCT

                                  870       880       890       900
                           GGATCTACTGGTCTGCCTAAAGGTGTCGCTCTGCCTCATAG
G0262051-1.seq(1>4985)  →  GGATCTACTGGTCTGCCTAAAGGTGTCGCTCTGCCTCATAG

                                 910       920       930       940
                           AACTGCCTGCGTGAGATTCTCGCATGCCAGAGATCCTATTT
G0262051-1.seq(1>4985)  →  AACTGCCTGCGTGAGATTCTCGCATGCCAGAGATCCTATTT

                                950       960       970       980
                           TTGGCAATCAAATCATTCCGGATACTGCGATTTTAAGTGTT
G0262051-1.seq(1>4985)  →  TTGGCAATCAAATCATTCCGGATACTGCGATTTTAAGTGTT

                               990      1000      1010      1020
                           GTTCCATTCCATCACGGTTTTGGAATGTTTACTACACTCGG
G0262051-1.seq(1>4985)  →  GTTCCATTCCATCACGGTTTTGGAATGTTTACTACACTCGG

                             1030      1040      1050      1060
                           ATATTTGATATGTGGATTTCGAGTCGTCTTAATGTATAGAT
G0262051-1.seq(1>4985)  →  ATATTTGATATGTGGATTTCGAGTCGTCTTAATGTATAGAT

                            1070      1080      1090      1100
                           TTGAAGAAGAGCTGTTTCTGAGGAGCCTTCAGGATTACAAG
G0262051-1.seq(1>4985)  →  TTGAAGAAGAGCTGTTTCTGAGGAGCCTTCAGGATTACAAG

                           1110      1120      1130      1140
                           ATTCAAAGTGCGCTGCTGGTGCCAACCCTATTCTCCTTCTT
G0262051-1.seq(1>4985)  →  ATTCAAAGTGCGCTGCTGGTGCCAACCCTATTCTCCTTCTT

                          1150      1160      1170      1180
                           CGCCAAAAGCACTCTGATTGACAAATACGATTTATCTAATT
G0262051-1.seq(1>4985)  →  CGCCAAAAGCACTCTGATTGACAAATACGATTTATCTAATT

                         1190      1200      1210      1220      1230
                           TACACGAAATTGCTTCTGGTGGCGCTCCCCTCTCTAAGGAA
G0262051-1.seq(1>4985)  →  TACACGAAATTGCTTCTGGTGGCGCTCCCCTCTCTAAGGAA

                                  1240      1250      1260      1270
                           GTCGGGGAAGCGGTTGCCAAGAGGTTCCATCTGCCAGGTAT
G0262051-1.seq(1>4985)  →  GTCGGGGAAGCGGTTGCCAAGAGGTTCCATCTGCCAGGTAT

                                 1280      1290      1300      1310
                           CAGGCAAGGATATGGGCTCACTGAGACTACATCAGCTATTC
G0262051-1.seq(1>4985)  →  CAGGCAAGGATATGGGCTCACTGAGACTACATCAGCTATTC
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                                              1320      1330      1340      1350
                                        TGATTACACCCGAGGGGGATGATAAACCGGGCGCGGTCGGT
G0262051-1.seq(1>4985)              →   TGATTACACCCGAGGGGGATGATAAACCGGGCGCGGTCGGT

                                             1360      1370      1380      1390
                                        AAAGTTGTTCCATTTTTTGAAGCGAAGGTTGTGGATCTGGA
G0262051-1.seq(1>4985)              →   AAAGTTGTTCCATTTTTTGAAGCGAAGGTTGTGGATCTGGA

                                            1400      1410      1420      1430
                                        TACCGGGAAAACGCTGGGCGTTAATCAAAGAGGCGAACTGT
G0262051-1.seq(1>4985)              →   TACCGGGAAAACGCTGGGCGTTAATCAAAGAGGCGAACTGT

                                           1440      1450      1460      1470
                                        GTGTGAGAGGTCCTATGATTATGTCCGGTTATGTAAACAAT
G0262051-1.seq(1>4985)              →   GTGTGAGAGGTCCTATGATTATGTCCGGTTATGTAAACAAT

                                          1480      1490      1500      1510
                                        CCGGAAGCGACCAACGCCTTGATTGACAAGGATGGATGGCT
G0262051-1.seq(1>4985)              →   CCGGAAGCGACCAACGCCTTGATTGACAAGGATGGATGGCT

                                         1520      1530      1540      1550
                                        ACATTCTGGAGACATAGCTTACTGGGACGAAGACGAACACT
G0262051-1.seq(1>4985)              →   ACATTCTGGAGACATAGCTTACTGGGACGAAGACGAACACT

                                        1560      1570      1580      1590
                                        TCTTCATCGTTGACCGCCTGAAGTCTCTGATTAAGTACAAA
G0262051-1.seq(1>4985)              →   TCTTCATCGTTGACCGCCTGAAGTCTCTGATTAAGTACAAA

                                       1600      1610      1620      1630      164
                                        GGCTATCAGGTGGCTCCCGCTGAATTGGAATCCATCTTGCT
G0262051-1.seq(1>4985)              →   GGCTATCAGGTGGCTCCCGCTGAATTGGAATCCATCTTGCT

                                                1650      1660      1670      1680
                                        CCAACACCCCAACATCTTCGACGCAGGTGTCGCAGGTCTTC
G0262051-1.seq(1>4985)              →   CCAACACCCCAACATCTTCGACGCAGGTGTCGCAGGTCTTC

                                               1690      1700      1710      1720
                                        CCGACGATGACGCCGGTGAACTTCCCGCCGCCGTTGTTGTT
G0262051-1.seq(1>4985)              →   CCGACGATGACGCCGGTGAACTTCCCGCCGCCGTTGTTGTT

                                              1730      1740      1750      1760
                                        TTGGAGCACGGAAAGACGATGACGGAAAAAGAGATCGTGGA
G0262051-1.seq(1>4985)              →   TTGGAGCACGGAAAGACGATGACGGAAAAAGAGATCGTGGA

                                             1770      1780      1790      1800
                                        TTACGTCGCCAGTCAAGTAACAACCGCGAAAAAGTTGCGCG
G0262051-1.seq(1>4985)              →   TTACGTCGCCAGTCAAGTAACAACCGCGAAAAAGTTGCGCG
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                             1810      1820      1830      1840
                          GAGGAGTTGTGTTTGTGGACGAAGTACCGAAAGGTCTTACC
G0262051-1.seq(1>4985)  → GAGGAGTTGTGTTTGTGGACGAAGTACCGAAAGGTCTTACC

                            1850      1860      1870      1880
                          GGAAAACTCGACGCAAGAAAAATCAGAGAGATCCTCATAAA
G0262051-1.seq(1>4985)  → GGAAAACTCGACGCAAGAAAAATCAGAGAGATCCTCATAAA

                           1890      1900      1910      1920
                          GGCCAAGAAGGGCGGAAAGATCGCCGTGTAATTCTAGAGTC
G0262051-1.seq(1>4985)  → GGCCAAGAAGGGCGGAAAGATCGCCGTGTAATTCTAGAGTC

                          1930      1940      1950      1960
                          GGGGCGGCCGGCCGCTTCGAGCAGACATGATAAGATACATT
G0262051-1.seq(1>4985)  → GGGGCGGCCGGCCGCTTCGAGCAGACATGATAAGATACATT

                         1970      1980      1990      2000
                          GATGAGTTTGGACAAACCACAACTAGAATGCAGTGAAAAAA
G0262051-1.seq(1>4985)  → GATGAGTTTGGACAAACCACAACTAGAATGCAGTGAAAAAA

                        2010      2020      2030      2040      2050
                          ATGCTTTATTTGTGAAATTTGTGATGCTATTGCTTTATTTG
G0262051-1.seq(1>4985)  → ATGCTTTATTTGTGAAATTTGTGATGCTATTGCTTTATTTG

                                 2060      2070      2080      2090
                          TAACCATTATAAGCTGCAATAAACAAGTTAACAACAACAAT
G0262051-1.seq(1>4985)  → TAACCATTATAAGCTGCAATAAACAAGTTAACAACAACAAT

                                2100      2110      2120      2130
                          TGCATTCATTTTATGTTTCAGGTTCAGGGGGAGGTGTGGGA
G0262051-1.seq(1>4985)  → TGCATTCATTTTATGTTTCAGGTTCAGGGGGAGGTGTGGGA

                               2140      2150      2160      2170
                          GGTTTTTTAAAGCAAGTAAAACCTCTACAAATGTGGTAAAA
G0262051-1.seq(1>4985)  → GGTTTTTTAAAGCAAGTAAAACCTCTACAAATGTGGTAAAA

                              2180      2190      2200      2210
                          TCGATAAGGATCCGTCGACCGATGCCCTTGAGAGCCTTCAA
G0262051-1.seq(1>4985)  → TCGATAAGGATCCGTCGACCGATGCCCTTGAGAGCCTTCAA

                             2220      2230      2240      2250
                          CCCAGTCAGCTCCTTCCGGTGGGCGCGGGGCATGACTATCG
G0262051-1.seq(1>4985)  → CCCAGTCAGCTCCTTCCGGTGGGCGCGGGGCATGACTATCG

                            2260      2270      2280      2290
                          TCGCCGCACTTATGACTGTCTTCTTTATCATGCAACTCGTA
G0262051-1.seq(1>4985)  → TCGCCGCACTTATGACTGTCTTCTTTATCATGCAACTCGTA
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                              2300      2310      2320      2330
                            GGACAGGTGCCGGCAGCGCTCTTCCGCTTCCTCGCTCACTG
G0262051-1.seq(1>4985)   →  GGACAGGTGCCGGCAGCGCTCTTCCGCTTCCTCGCTCACTG

                             2340      2350      2360      2370
                            ACTCGCTGCGCTCGGTCGTTCGGCTGCGGCGAGCGGTATCA
G0262051-1.seq(1>4985)   →  ACTCGCTGCGCTCGGTCGTTCGGCTGCGGCGAGCGGTATCA

                            2380      2390      2400      2410
                            GCTCACTCAAAGGCGGTAATACGGTTATCCACAGAATCAGG
G0262051-1.seq(1>4985)   →  GCTCACTCAAAGGCGGTAATACGGTTATCCACAGAATCAGG

                           2420      2430      2440      2450      246
                            GGATAACGCAGGAAAGAACATGTGAGCAAAAGGCCAGCAAA
G0262051-1.seq(1>4985)   →  GGATAACGCAGGAAAGAACATGTGAGCAAAAGGCCAGCAAA

                                    2470      2480      2490      2500
                            AGGCCAGGAACCGTAAAAAGGCCGCGTTGCTGGCGTTTTTC
G0262051-1.seq(1>4985)   →  AGGCCAGGAACCGTAAAAAGGCCGCGTTGCTGGCGTTTTTC

                                   2510      2520      2530      2540
                            CATAGGCTCCGCCCCCCTGACGAGCATCACAAAAATCGACG
G0262051-1.seq(1>4985)   →  CATAGGCTCCGCCCCCCTGACGAGCATCACAAAAATCGACG

                                  2550      2560      2570      2580
                            CTCAAGTCAGAGGTGGCGAAACCCGACAGGACTATAAAGAT
G0262051-1.seq(1>4985)   →  CTCAAGTCAGAGGTGGCGAAACCCGACAGGACTATAAAGAT

                                 2590      2600      2610      2620
                            ACCAGGCGTTTCCCCCTGGAAGCTCCCTCGTGCGCTCTCCT
G0262051-1.seq(1>4985)   →  ACCAGGCGTTTCCCCCTGGAAGCTCCCTCGTGCGCTCTCCT

                                2630      2640      2650      2660
                            GTTCCGACCCTGCCGCTTACCGGATACCTGTCCGCCTTTTC
G0262051-1.seq(1>4985)   →  GTTCCGACCCTGCCGCTTACCGGATACCTGTCCGCCTTTTC

                               2670      2680      2690      2700
                            TCCCTTCGGGAAGCGTGGCGCTTTCTCATAGCTCACGCTGT
G0262051-1.seq(1>4985)   →  TCCCTTCGGGAAGCGTGGCGCTTTCTCATAGCTCACGCTGT

                              2710      2720      2730      2740
                            AGGTATCTCAGTTCGGTGTAGGTCGTTCGCTCCAAGCTGGG
G0262051-1.seq(1>4985)   →  AGGTATCTCAGTTCGGTGTAGGTCGTTCGCTCCAAGCTGGG

                             2750      2760      2770      2780
                            CTGTGTGCACGAACCCCCCGTTCAGCCCGACCGCTGCGCCT
G0262051-1.seq(1>4985)   →  CTGTGTGCACGAACCCCCCGTTCAGCCCGACCGCTGCGCCT
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                                                            2790      2800      2810      2820
                                                             TATCCGGTAACTATCGTCTTGAGTCCAACCCGGTAAGACAC
G0262051-1.seq(1>4985)                                  →    TATCCGGTAACTATCGTCTTGAGTCCAACCCGGTAAGACAC

                                                          2830      2840      2850      2860      2870
                                                             GACTTATCGCCACTGGCAGCAGCCACTGGTAACAGGATTAG
G0262051-1.seq(1>4985)                                  →    GACTTATCGCCACTGGCAGCAGCCACTGGTAACAGGATTAG

                                                                    2880      2890      2900      2910
                                                             CAGAGCGAGGTATGTAGGCGGTGCTACAGAGTTCTTGAAGT
G0262051-1.seq(1>4985)                                  →    CAGAGCGAGGTATGTAGGCGGTGCTACAGAGTTCTTGAAGT

                                                                   2920      2930      2940      2950
                                                             GGTGGCCTAACTACGGCTACACTAGAAGGACAGTATTTGGT
G0262051-1.seq(1>4985)                                  →    GGTGGCCTAACTACGGCTACACTAGAAGGACAGTATTTGGT

                                                                  2960      2970      2980      2990
                                                             ATCTGCGCTCTGCTGAAGCCAGTTACCTTCGGAAAAAGAGT
G0262051-1.seq(1>4985)                                  →    ATCTGCGCTCTGCTGAAGCCAGTTACCTTCGGAAAAAGAGT

                                                                 3000      3010      3020      3030
                                                             TGGTAGCTCTTGATCCGGCAAACAAACCACCGCTGGTAGCG
G0262051-1.seq(1>4985)                                  →    TGGTAGCTCTTGATCCGGCAAACAAACCACCGCTGGTAGCG

                                                                3040      3050      3060      3070
                                                             GTGGTTTTTTTGTTTGCAAGCAGCAGATTACGCGCAGAAAA
G0262051-1.seq(1>4985)                                  →    GTGGTTTTTTTGTTTGCAAGCAGCAGATTACGCGCAGAAAA

                                                               3080      3090      3100      3110
                                                             AAAGGATCTCAAGAAGATCCTTTGATCTTTTCTACGGGGTC
G0262051-1.seq(1>4985)                                  →    AAAGGATCTCAAGAAGATCCTTTGATCTTTTCTACGGGGTC

                                                              3120      3130      3140      3150
                                                             TGACGCTCAGTGGAACGAAAACTCACGTTAAGGGATTTTGG
G0262051-1.seq(1>4985)                                  →    TGACGCTCAGTGGAACGAAAACTCACGTTAAGGGATTTTGG

                                                             3160      3170      3180      3190
                                                             TCATGAGATTATCAAAAAGGATCTTCACCTAGATCCTTTTA
G0262051-1.seq(1>4985)                                  →    TCATGAGATTATCAAAAAGGATCTTCACCTAGATCCTTTTA

                                                            3200      3210      3220      3230
                                                             AATTAAAAATGAAGTTTTAAATCAATCTAAAGTATATATGA
G0262051-1.seq(1>4985)                                  →    AATTAAAAATGAAGTTTTAAATCAATCTAAAGTATATATGA

                                                          3240      3250      3260      3270      3280
                                                             GTAAACTTGGTCTGACAGTTACCAATGCTTAATCAGTGAGG
G0262051-1.seq(1>4985)                                  →    GTAAACTTGGTCTGACAGTTACCAATGCTTAATCAGTGAGG
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                                   3290      3300      3310      3320
                           CACCTATCTCAGCGATCTGTCTATTTCGTTCATCCATAGTT
G0262051-1.seq(1>4985)  →  CACCTATCTCAGCGATCTGTCTATTTCGTTCATCCATAGTT

                                  3330      3340      3350      3360
                           GCCTGACTCCCCGTCGTGTAGATAACTACGATACGGGAGGG
G0262051-1.seq(1>4985)  →  GCCTGACTCCCCGTCGTGTAGATAACTACGATACGGGAGGG

                                 3370      3380      3390      3400
                           CTTACCATCTGGCCCCAGTGCTGCAATGATACCGCGAGACC
G0262051-1.seq(1>4985)  →  CTTACCATCTGGCCCCAGTGCTGCAATGATACCGCGAGACC

                                3410      3420      3430      3440
                           CACGCTCACCGGCTCCAGATTTATCAGCAATAAACCAGCCA
G0262051-1.seq(1>4985)  →  CACGCTCACCGGCTCCAGATTTATCAGCAATAAACCAGCCA

                               3450      3460      3470      3480
                           GCCGGAAGGGCCGAGCGCAGAAGTGGTCCTGCAACTTTATC
G0262051-1.seq(1>4985)  →  GCCGGAAGGGCCGAGCGCAGAAGTGGTCCTGCAACTTTATC

                              3490      3500      3510      3520
                           CGCCTCCATCCAGTCTATTAATTGTTGCCGGGAAGCTAGAG
G0262051-1.seq(1>4985)  →  CGCCTCCATCCAGTCTATTAATTGTTGCCGGGAAGCTAGAG

                             3530      3540      3550      3560
                           TAAGTAGTTCGCCAGTTAATAGTTTGCGCAACGTTGTTGCC
G0262051-1.seq(1>4985)  →  TAAGTAGTTCGCCAGTTAATAGTTTGCGCAACGTTGTTGCC

                            3570      3580      3590      3600
                           ATTGCTACAGGCATCGTGGTGTCACGCTCGTCGTTTGGTAT
G0262051-1.seq(1>4985)  →  ATTGCTACAGGCATCGTGGTGTCACGCTCGTCGTTTGGTAT

                           3610      3620      3630      3640
                           GGCTTCATTCAGCTCCGGTTCCCAACGATCAAGGCGAGTTA
G0262051-1.seq(1>4985)  →  GGCTTCATTCAGCTCCGGTTCCCAACGATCAAGGCGAGTTA

                          3650      3660      3670      3680      369
                           CATGATCCCCCATGTTGTGCAAAAAAGCGGTTAGCTCCTTC
G0262051-1.seq(1>4985)  →  CATGATCCCCCATGTTGTGCAAAAAAGCGGTTAGCTCCTTC

                                   3700      3710      3720      3730
                           GGTCCTCCGATCGTTGTCAGAAGTAAGTTGGCCGCAGTGTT
G0262051-1.seq(1>4985)  →  GGTCCTCCGATCGTTGTCAGAAGTAAGTTGGCCGCAGTGTT

                                  3740      3750      3760      3770
                           ATCACTCATGGTTATGGCAGCACTGCATAATTCTCTTACTG
G0262051-1.seq(1>4985)  →  ATCACTCATGGTTATGGCAGCACTGCATAATTCTCTTACTG
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                                 3780      3790      3800      3810
                           TCATGCCATCCGTAAGATGCTTTTCTGTGACTGGTGAGTAC
G0262051-1.seq(1>4985)  →  TCATGCCATCCGTAAGATGCTTTTCTGTGACTGGTGAGTAC

                                3820      3830      3840      3850
                           TCAACCAAGTCATTCTGAGAATAGTGTATGCGGCGACCGAG
G0262051-1.seq(1>4985)  →  TCAACCAAGTCATTCTGAGAATAGTGTATGCGGCGACCGAG

                               3860      3870      3880      3890
                           TTGCTCTTGCCCGGCGTCAATACGGGATAATACCGCGCCAC
G0262051-1.seq(1>4985)  →  TTGCTCTTGCCCGGCGTCAATACGGGATAATACCGCGCCAC

                              3900      3910      3920      3930
                           ATAGCAGAACTTTAAAAGTGCTCATCATTGGAAAACGTTCT
G0262051-1.seq(1>4985)  →  ATAGCAGAACTTTAAAAGTGCTCATCATTGGAAAACGTTCT

                             3940      3950      3960      3970
                           TCGGGGCGAAAACTCTCAAGGATCTTACCGCTGTTGAGATC
G0262051-1.seq(1>4985)  →  TCGGGGCGAAAACTCTCAAGGATCTTACCGCTGTTGAGATC

                            3980      3990      4000      4010
                           CAGTTCGATGTAACCCACTCGTGCACCCAACTGATCTTCAG
G0262051-1.seq(1>4985)  →  CAGTTCGATGTAACCCACTCGTGCACCCAACTGATCTTCAG

                           4020      4030      4040      4050
                           CATCTTTTACTTTCACCAGCGTTTCTGGGTGAGCAAAAACA
G0262051-1.seq(1>4985)  →  CATCTTTTACTTTCACCAGCGTTTCTGGGTGAGCAAAAACA

                          4060      4070      4080      4090      4100
                           GGAAGGCAAAATGCCGCAAAAAAGGGAATAAGGGCGACACG
G0262051-1.seq(1>4985)  →  GGAAGGCAAAATGCCGCAAAAAAGGGAATAAGGGCGACACG

                                   4110      4120      4130      4140
                           GAAATGTTGAATACTCATACTCTTCCTTTTTCAATATTATT
G0262051-1.seq(1>4985)  →  GAAATGTTGAATACTCATACTCTTCCTTTTTCAATATTATT

                                  4150      4160      4170      4180
                           GAAGCATTTATCAGGGTTATTGTCTCATGAGCGGATACATA
G0262051-1.seq(1>4985)  →  GAAGCATTTATCAGGGTTATTGTCTCATGAGCGGATACATA

                                 4190      4200      4210      4220
                           TTTGAATGTATTTAGAAAAATAAACAAATAGGGGTTCCGCG
G0262051-1.seq(1>4985)  →  TTTGAATGTATTTAGAAAAATAAACAAATAGGGGTTCCGCG

                                4230      4240      4250      4260
                           CACATTTCCCCGAAAAGTGCCACCTGACGCGCCCTGTAGCG
G0262051-1.seq(1>4985)  →  CACATTTCCCCGAAAAGTGCCACCTGACGCGCCCTGTAGCG
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                                    4270      4280      4290      4300
                                GCGCATTAAGCGCGGCGGGTGTGGTGGTTACGCGCAGCGTG
G0262051-1.seq(1>4985)      →   GCGCATTAAGCGCGGCGGGTGTGGTGGTTACGCGCAGCGTG

                                   4310      4320      4330      4340
                                ACCGCTACACTTGCCAGCGCCCTAGCGCCCGCTCCTTTCGC
G0262051-1.seq(1>4985)      →   ACCGCTACACTTGCCAGCGCCCTAGCGCCCGCTCCTTTCGC

                                  4350      4360      4370      4380
                                TTTCTTCCCTTCCTTTCTCGCCACGTTCGCCGGCTTTCCCC
G0262051-1.seq(1>4985)      →   TTTCTTCCCTTCCTTTCTCGCCACGTTCGCCGGCTTTCCCC

                                 4390      4400      4410      4420
                                GTCAAGCTCTAAATCGGGGGCTCCCTTTAGGGTTCCGATTT
G0262051-1.seq(1>4985)      →   GTCAAGCTCTAAATCGGGGGCTCCCTTTAGGGTTCCGATTT

                                4430      4440      4450      4460
                                AGTGCTTTACGGCACCTCGACCCCAAAAAACTTGATTAGGG
G0262051-1.seq(1>4985)      →   AGTGCTTTACGGCACCTCGACCCCAAAAAACTTGATTAGGG

                               4470      4480      4490      4500      451
                                TGATGGTTCACGTAGTGGGCCATCGCCCTGATAGACGGTTT
G0262051-1.seq(1>4985)      →   TGATGGTTCACGTAGTGGGCCATCGCCCTGATAGACGGTTT

                                        4520      4530      4540      4550
                                TTCGCCCTTTGACGTTGGAGTCCACGTTCTTTAATAGTGGA
G0262051-1.seq(1>4985)      →   TTCGCCCTTTGACGTTGGAGTCCACGTTCTTTAATAGTGGA

                                       4560      4570      4580      4590
                                CTCTTGTTCCAAACTGGAACAACACTCAACCCTATCTCGGT
G0262051-1.seq(1>4985)      →   CTCTTGTTCCAAACTGGAACAACACTCAACCCTATCTCGGT

                                      4600      4610      4620      4630
                                CTATTCTTTTGATTTATAAGGGATTTTGCCGATTTCGGCCT
G0262051-1.seq(1>4985)      →   CTATTCTTTTGATTTATAAGGGATTTTGCCGATTTCGGCCT

                                     4640      4650      4660      4670
                                ATTGGTTAAAAAATGAGCTGATTTAACAAAAATTTAACGCG
G0262051-1.seq(1>4985)      →   ATTGGTTAAAAAATGAGCTGATTTAACAAAAATTTAACGCG

                                    4680      4690      4700      4710
                                AATTTTAACAAAATATTAACGCTTACAATTTGCCATTCGCC
G0262051-1.seq(1>4985)      →   AATTTTAACAAAATATTAACGCTTACAATTTGCCATTCGCC

                                   4720      4730      4740      4750
                                ATTCAGGCTGCGCAACTGTTGGGAAGGGCGATCGGTGCGGG
G0262051-1.seq(1>4985)      →   ATTCAGGCTGCGCAACTGTTGGGAAGGGCGATCGGTGCGGG
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                                           4760      4770      4780      4790
                                          CCTCTTCGCTATTACGCCAGCCCAAGCTACCATGATAAGTA
G0262051-1.seq(1>4985)                →   CCTCTTCGCTATTACGCCAGCCCAAGCTACCATGATAAGTA

                                          4800      4810      4820      4830
                                          AGTAATATTAAGGTACGGGAGGTACTTGGAGCGGCCGCAAT
G0262051-1.seq(1>4985)                →   AGTAATATTAAGGTACGGGAGGTACTTGGAGCGGCCGCAAT

                                         4840      4850      4860      4870
                                          AAAATATCTTTATTTTCATTACATCTGTGTGTTGGTTTTTT
G0262051-1.seq(1>4985)                →   AAAATATCTTTATTTTCATTACATCTGTGTGTTGGTTTTTT

                                        4880      4890      4900      4910      492
                                          GTGTGAATCGATAGTACTAACATACGCTCTCCATCAAAACA
G0262051-1.seq(1>4985)                →   GTGTGAATCGATAGTACTAACATACGCTCTCCATCAAAACA

                                                 4930      4940      4950      4960
                                          AAACGAAACAAAACAAACTAGCAAAATAGGCTGTCCCCAGT
G0262051-1.seq(1>4985)                →   AAACGAAACAAAACAAACTAGCAAAATAGGCTGTCCCCAGT

                                                4970      4980      4990
                                          GCAAGTGCAGGTGCCAGAACATTTCTCTATCGATA
G0262051-1.seq(1>4985)                →   GCAAGTGCAGGTGCCAGAACATTTCTCTATCGATA
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