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                                        10        20        30        40        50        60        70        80        90       100       110       120       130       140       150
                                 ....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|
                                 cttgtacaaagtggttgataacagcgactacaaggatgacgatgacaaggcttagagctcgaatttccccgatcgttcaaacatttggcaataaagtttcttaagattgaatcctgttgccggtcttgcgatgattatcatataatttctgttga
G0205729-2.seq(1>10094)      →   cttgtacaaagtggttgataacagcgactacaaggatgacgatgacaaggcttagagctcgaatttccccgatcgttcaaacatttggcaataaagtttcttaagattgaatcctgttgccggtcttgcgatgattatcatataatttctgttga

                                160       170       180       190       200       210       220       230       240       250       260       270       280       290       300       310
                                ....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|
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                                        320       330       340       350       360       370       380       390       400       410       420       430       440       450       460
                                ....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|
                                atgttactagatcgggaattcactggccgtcgttttacaacgtcgtgactgggaaaaccctggcgttacccaacttaatcgccttgcagcacatcccccttttcgccagctggcgtaatagcgaagaggcccgcaccgatcgcccttcccaacagt
G0205729-2.seq(1>10094)      →   atgttactagatcgggaattcactggccgtcgttttacaacgtcgtgactgggaaaaccctggcgttacccaacttaatcgccttgcagcacatcccccttttcgccagctggcgtaatagcgaagaggcccgcaccgatcgcccttcccaacagt

                                470       480       490       500       510       520       530       540       550       560       570       580       590       600       610       620
                                ....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|
                                tgcgcagcctgaatggcgaatggcgcctgatgcggtattttctccttacgcatctgtgcggtatttcacaccgcatacgtcaaagcaaccatagtacgcgccctgtagcggcgcattaagcgcggcgggtgtggtggttacgcgcagcgtgaccg
G0205729-2.seq(1>10094)      →   tgcgcagcctgaatggcgaatggcgcctgatgcggtattttctccttacgcatctgtgcggtatttcacaccgcatacgtcaaagcaaccatagtacgcgccctgtagcggcgcattaagcgcggcgggtgtggtggttacgcgcagcgtgaccg

                                        630       640       650       660       670       680       690       700       710       720       730       740       750       760       770
                                ....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|
                                ctacacttgccagcgccctagcgcccgctcctttcgctttcttcccttcctttctcgccacgttcgccggctttccccgtcaagctctaaatcgggggctccctttagggttccgatttagtgctttacggcacctcgaccccaaaaaacttgat
G0205729-2.seq(1>10094)      →   ctacacttgccagcgccctagcgcccgctcctttcgctttcttcccttcctttctcgccacgttcgccggctttccccgtcaagctctaaatcgggggctccctttagggttccgatttagtgctttacggcacctcgaccccaaaaaacttgat

                                780       790       800       810       820       830       840       850       860       870       880       890       900       910       920       930
                                ....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|
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G0205729-2.seq(1>10094)      →   ttgggtgatggttcacgtagtgggccatcgccctgatagacggtttttcgcccttgacgttggagtccacgttctttaatagtggactcttgttccaaactggaacaacactcaaccctatctcgggctattcttttgatttataagggatttt

                                        940       950       960       970       980       990      1000      1010      1020      1030      1040      1050      1060      1070      1080
                                ....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|
                                gccgatttcggcctattggttaaaaaatgagctgatttaacaaaaatttaacgcgaattttaacaaaatattaacgtttacaattttatggtgcactctcagtacaatctgctctgatgccgcatagttaagccagccccgacacccgccaacac
G0205729-2.seq(1>10094)      →   gccgatttcggcctattggttaaaaaatgagctgatttaacaaaaatttaacgcgaattttaacaaaatattaacgtttacaattttatggtgcactctcagtacaatctgctctgatgccgcatagttaagccagccccgacacccgccaacac

                               1090      1100      1110      1120      1130      1140      1150      1160      1170      1180      1190      1200      1210      1220      1230      1240
                                ....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|
                                ccgctgacgcgccctgacgggcttgtctgctcccggcatccgcttacagacaagctgtgaccgtctccgggagctgcatgtgtcagaggttttcaccgtcatcaccgaaacgcgcgagacgaaagggcctcgtgatacgcctatttttataggtt
G0205729-2.seq(1>10094)      →   ccgctgacgcgccctgacgggcttgtctgctcccggcatccgcttacagacaagctgtgaccgtctccgggagctgcatgtgtcagaggttttcaccgtcatcaccgaaacgcgcgagacgaaagggcctcgtgatacgcctatttttataggtt

                                        1250      1260      1270      1280      1290      1300      1310      1320      1330      1340      1350      1360      1370      1380      1390
                                ....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|
                                aatgtcatgataataatggtttcttagacgtcaggtggcacttttcggggaaatgtgcgcggaacccctatttgtttatttttctaaatacattcaaatatgtatccgctcatgagacaataaccctgataaatgcttcaataatattgaaaaag
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                               1400      1410      1420      1430      1440      1450      1460      1470      1480      1490      1500      1510      1520      1530      1540      1550
                                ....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|
                                gaagagtatgagtattcaacatttccgtgtcgcccttattcccttttttgcggcattttgccttcctgtttttgctcacccagaaacgctggtgaaagtaaaagatgctgaagatcagttgggtgcacgagtgggttacatcgaactggatctca
G0205729-2.seq(1>10094)      →   gaagagtatgagtattcaacatttccgtgtcgcccttattcccttttttgcggcattttgccttcctgtttttgctcacccagaaacgctggtgaaagtaaaagatgctgaagatcagttgggtgcacgagtgggttacatcgaactggatctca

                                        1560      1570      1580      1590      1600      1610      1620      1630      1640      1650      1660      1670      1680      1690      1700
                                ....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|....|
                                acagcggtaagatccttgagagttttcgccccgaagaacgttttccaatgatgagcacttttaaagttctgctatgtggcgcggtattatcccgtattgacgccgggcaagagcaactcggtcgccgcatacactattctcagaatgacttggtt
G0205729-2.seq(1>10094)      →   acagcggtaagatccttgagagttttcgccccgaagaacgttttccaatgatgagcacttttaaagttctgctatgtggcgcggtattatcccgtattgacgccgggcaagagcaactcggtcgccgcatacactattctcagaatgacttggtt
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                                         1710      1720      1730      1740      1750      1760      1770      1780      1790      1800      1810      1820      1830      1840      1850      1860
                                         gagtactcaccagtcacagaaaagcatcttacggatggcatgacagtaagagaattatgcagtgctgccataaccatgagtgataacactgcggccaacttacttctgacaacgatcggaggaccgaaggagctaaccgctttttgcacaacat
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                                                 1870      1880      1890      1900      1910      1920      1930      1940      1950      1960      1970      1980      1990      2000      2010
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                                         2020      2030      2040      2050      2060      2070      2080      2090      2100      2110      2120      2130      2140      2150      2160      2170
                                         taatagactggatggaggcggataaagttgcaggaccacttctgcgctcggcccttccggctggctggtttattgctgataaatctggagccggtgagcgtggcactcgcggtatcattgcagcactggggccagatggtaagccctcccgtatc
G0205729-2.seq(1>10094)                  taatagactggatggaggcggataaagttgcaggaccacttctgcgctcggcccttccggctggctggtttattgctgataaatctggagccggtgagcgtggcactcgcggtatcattgcagcactggggccagatggtaagccctcccgtatc

                                                 2180      2190      2200      2210      2220      2230      2240      2250      2260      2270      2280      2290      2300      2310      2320
                                         gtagttatctacacgacggggagtcaggcaactatggatgaacgaaatagacagatcgctgagataggtgcctcactgattaagcattggtaactgtcagaccaagtttactcatatatactttagattgatttaaaacttcatttttaatttaa
G0205729-2.seq(1>10094)                  gtagttatctacacgacggggagtcaggcaactatggatgaacgaaatagacagatcgctgagataggtgcctcactgattaagcattggtaactgtcagaccaagtttactcatatatactttagattgatttaaaacttcatttttaatttaa

                                         2330      2340      2350      2360      2370      2380      2390      2400      2410      2420      2430      2440      2450      2460      2470      2480
                                         aaggatctaggtgaagatccttttgataatctcatgaccaaaatcccttaacgtgagttttcgttccactgagcgtcagaccccgtagaaaagatcaaaggatcttcttgagatcctttttttctgcgcgtaatctgctgcttgcaaacaaaaa
G0205729-2.seq(1>10094)                  aaggatctaggtgaagatccttttgataatctcatgaccaaaatcccttaacgtgagttttcgttccactgagcgtcagaccccgtagaaaagatcaaaggatcttcttgagatcctttttttctgcgcgtaatctgctgcttgcaaacaaaaa

                                                 2490      2500      2510      2520      2530      2540      2550      2560      2570      2580      2590      2600      2610      2620      2630
                                         aaccaccgctaccagcggtggtttgtttgccggatcaagagctaccaactctttttccgaaggtaactggcttcagcagagcgcagataccaaatactgtccttctagtgtagccgtagttaggccaccacttcaagaactctgtagcaccgcct
G0205729-2.seq(1>10094)                  aaccaccgctaccagcggtggtttgtttgccggatcaagagctaccaactctttttccgaaggtaactggcttcagcagagcgcagataccaaatactgtccttctagtgtagccgtagttaggccaccacttcaagaactctgtagcaccgcct

                                         2640      2650      2660      2670      2680      2690      2700      2710      2720      2730      2740      2750      2760      2770      2780      2790
                                         acatacctcgctctgctaatcctgttaccagtggctgctgccagtggcgataagtcgtgtcttaccgggttggactcaagacgatagttaccggataaggcgcagcggtcgggctgaacgggggttcgtgcacacagcccagcttggagcgaac
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                                                 2800      2810      2820      2830      2840      2850      2860      2870      2880      2890      2900      2910      2920      2930      2940
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                                         2950      2960      2970      2980      2990      3000      3010      3020      3030      3040      3050      3060      3070      3080      3090      3100
                                         gtcctgtcgggtttcgccacctctgacttgagcgtcgatttttgtgatgctcgtcaggggggcggagcctatggaaaaacgccagcaacgcggcctttttacggttcctggccttttgctggccttttgctcacatgttctttcctgcgttatcc
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                                                 3110      3120      3130      3140      3150      3160      3170      3180      3190      3200      3210      3220      3230      3240      3250
                                         cctgattctgtggataaccgtattaccgcctttgagtgagctgataccgctcgccgcagccgaacgaccgagcgcagcgagtcagtgagcgaggaagcggaagagcgcccaatacgcaaaccgcctctccccgcgcgttggccgattcattaatg
G0205729-2.seq(1>10094)                  cctgattctgtggataaccgtattaccgcctttgagtgagctgataccgctcgccgcagccgaacgaccgagcgcagcgagtcagtgagcgaggaagcggaagagcgcccaatacgcaaaccgcctctccccgcgcgttggccgattcattaatg

                                         3260      3270      3280      3290      3300      3310      3320      3330      3340      3350      3360      3370      3380      3390      3400      3410
                                         cagctggcacgacaggtttcccgactggaaagcgggcagtgagcgcaacgcaattaatgtgagttagctcactcattaggcaccccaggctttacactttatgcttccggctcgtatgttgtgtggaattgtgagcggataacaatttcaCACAG
G0205729-2.seq(1>10094)                  cagctggcacgacaggtttcccgactggaaagcgggcagtgagcgcaacgcaattaatgtgagttagctcactcattaggcaccccaggctttacactttatgcttccggctcgtatgttgtgtggaattgtgagcggataacaatttcacacag
ZG09-E14633-G0205729-2_M13-88.ab1(1>796)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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                                                 3420      3430      3440      3450      3460      3470      3480      3490      3500      3510      3520      3530      3540      3550      3560
                                                 GAAACAGCTATGACCATGATTACGCCAAGCTTAAGGAATCTTTAAACATACGAACAGATCACTTAAAGTTCTTCTGAAGCAACTTAAAGTTATCAGGCATGCATGGATCTTGGAGGAATCAGATGTGCAGTCAGGGACCATAGCACAAGACAGGC
G0205729-2.seq(1>10094)          →       gaaacagctatgaccatgattacgccaagcttaaggaatctttaaacatacgaacagatcacttaaagttcttctgaagcaacttaaagttatcaggcatgcatggatcttggaggaatcagatgtgcagtcagggaccatagcacaagacaggc
ZG09-E14633-G0205729-2_M13-88.ab1(1>796)  →  GAaACAGCTATGACCATGATTACGCCAAGCTTAAGGAATCTTTAAACATACGAACAGATCACTTAAAGTTCTTCTGAAGCAACTTAAAGTTATCAGGCATGCATGGATCTTGGAGGAATCAGATGTGCAGTCAGGGACCATAGCACAAGACAGGC

                                                 3570      3580      3590      3600      3610      3620      3630      3640      3650      3660      3670      3680      3690      3700      3710      3720
                                                 GTCTTCTACTGGTGCTACCAGCAAATGCTGGAAGCCGGGAACACTGGGTACGTTGGAAACCACGTGATGTGAAGAAGTAAGATAAACTGTAGGAGAAAAGCATTTCGTAGTGGGCCATGAAGCCTTTCAGGACATGTATTGCAGTATGGGCCGGC
G0205729-2.seq(1>10094)          →       gtcttctactggtgctaccagcaaatgctggaagccgggaacactgggtacgttggaaaccacgtgatgtgaagaagtaagataaactgtaggagaaaagcatttcgtagtgggccatgaagcctttcaggacatgtattgcagtatgggccggc
ZG09-E14633-G0205729-2_M13-88.ab1(1>796)  →  GTCTTCTACTGGTGCTACCAGCAAATGCTGGAAGCCGGGAACACTGGGTACGTTGGAAACCACGTGATGTGAAGAAGTAAGATAAACTGTAGGAGAAAAGCATTTCGTAGTGGGCCATGAAGCCTTTCAGGACATGTATTGCAGTATGGGCCGGC

                                                 3730      3740      3750      3760      3770      3780      3790      3800      3810      3820      3830      3840      3850      3860      3870
                                                 CCATTACGCAATTGGACGACAACAAAGACTAGTATTAGTACCACCTCGGCTATCCACATAGATCAAAGCTGATTTAAAAGAGTTGTGCAGATGATCCGTGGCAGGAGACCGAGGTCTCGGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAGGCT
G0205729-2.seq(1>10094)          →       ccattacgcaattggacgacaacaaagactagtattagtaccacctcggctatccacatagatcaaagctgatttaaaagagttgtgcagatgatccgtggcaggagaccgaggtctcggttttagagctagaaatagcaagttaaaataaggct
ZG09-E14633-G0205729-2_M13-88.ab1(1>796)  →  CCATTACGCAATTGGACGACAACAAAGACTAGTATTAGTACCACCTCGGCTATCCACATAGATCAAAGCTGATTTAAAAGAGTTGTGCAGATGATCCGTGGCAGGAGACCGAGGTCTCGGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAGGCT

                                                 3880      3890      3900      3910      3920      3930      3940      3950      3960      3970      3980      3990      4000      4010      4020      4030
                                                 AGTCCGTTATCAACTTGAAAAAGTGGCACCGAGTCGGTGCTTTTTTGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAGGCTAGTCCGTTTTTAGCGCGTGCATGCCTGCAGGTCCACAAATTCGGGTCAAGGCGGAAGCCAGCGCGCCACCCCA
G0205729-2.seq(1>10094)          →       agtccgttatcaacttgaaaaagtggcaccgagtcggtgctttttgttttagagctagaaatagcaagttaaaataaggctagtccgttttagcgcgtgcatgcctgcaggtccacaaattcgggtcaaggcggaagccagcgcgccacccca
ZG09-E14633-G0205729-2_M13-88.ab1(1>796)  →  AGTCCGTTATCAACTTGAAAAAGTGGCACCGAGTCGGTGCTTTTTTGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAGGCTAGTCCGTTTTTAGCGCGTGCATGCCTGCAGGTCCACAAATTCGGGTCAAGGCGGAAGCCAGCGCGCCACCCCA

                                                 4040      4050      4060      4070      4080      4090      4100      4110      4120      4130      4140      4150      4160      4170      4180
                                                 CGTCAGCAAATACGGAGGCGCGGGGTTGACGGCGTCACCCGGTCCTAACGGCGACCAACAAACCAGCCAGAAGAAATTACAGTAAAAAAAAAGTAAATTGCACTTTGATCCACCTTTTATTACCTAAGTCTCAATTTGGATCACCCTTAAACCTA
G0205729-2.seq(1>10094)          →       cgtcagcaaatacggaggcgcggggttgacggcgtcacccggtcctaacggcgaccaacaaaccagccagaagaaattacagtaaaaaaaaagtaaattgcactttgatccaccttttattacctaagtctcaatttggatcacccttaaaccta
ZG09-E14633-G0205729-2_M13-88.ab1(1>796)  →  CGTCAGCAAATACGGAGGCGCGGGGTTGACGGCGTCACCCGGTCCTAACGGCGACCAACAAACCAGCCAGAAGAAATTACAGTAAAAAAAAAGTAAATTGCACTTTGATCCACCTTTTATTACCTAAGTCTCAATTTGGATCACCCTTAAACCTA

                                                 4190      4200      4210      4220      4230      4240      4250      4260      4270      4280      4290      4300      4310      4320      4330      4340
                                                 TCTTTTCAATTTGGGCcgggttgtggtttggactaccatgaacaacttttcgtcatgtctaacttccctttcagcaaacatatgaaccatatatagaggagatcggccgtatactagagctgatgtgtttaaggtcgttgattgcacgagaaaaa
G0205729-2.seq(1>10094)          →       tcttttcaatttgggccgggttgtggtttggactaccatgaacaacttttcgtcatgtctaacttccctttcagcaaacatatgaaccatatatagaggagatcggccgtatactagagctgatgtgtttaaggtcgttgattgcacgagaaaaa
ZG09-E14633-G0205729-2_M13-88.ab1(1>796)  →  TCTTTTCAATTTGGGC

                                                 4350      4360      4370      4380      4390      4400      4410      4420      4430      4440      4450      4460      4470      4480      4490
                                                 aaaatccaaatcgcaacaatagcaaatttatctggttcaaagtgaaaagatatgtttaaaggtagtccaaagtaaaacttatagataataaaatgtggtccaaagcgtaattcactcaaaaaaaatcaacgagacgtgtaccaaacggagacaaa
G0205729-2.seq(1>10094)          →       aaaatccaaatcgcaacaatagcaaatttatctggttcaaagtgaaaagatatgtttaaaggtagtccaaagtaaaacttatagataataaaatgtggtccaaagcgtaattcactcaaaaaaaatcaacgagacgtgtaccaaacggagacaaa

                                                 4500      4510      4520      4530      4540      4550      4560      4570      4580      4590      4600      4610      4620      4630      4640      4650
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