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                                                                  10        20        30        40        50        60        70        80
                                                                  GTCTATAATCACGGCAGAAAAGTCCACATTGATTATTTGCACGGCGTCACACTTTGCTATGCCATAGCATTTTTATCCATAAG
ZG01-C35269-G0224102-1_G0224102-1-seq1r.ab1(1>792)  <-  GTCTATAATCACGGCAGAAAAGTCCACATTGATTATTTGCACGGCGTCACACTTTGCTATGCCATAGCATTTTTATCCATAAG

                                                                  90       100       110       120       130       140       150       160
                                                                  ATTAGCGGATCCTACCTGACGCTTTTTATCGCAACTCTCTACTGTTTCTCCATACCCGTTTTTTTGGGCTAGAAATAATTTTG
ZG01-C35269-G0224102-1_G0224102-1-seq1r.ab1(1>792)  <-  ATTAGCGGATCCTACCTGACGCTTTTTATCGCAACTCTCTACTGTTTCTCCATACCCGTTTTTTTGGGCTAGAAATAATTTTG
G0224102-1.seq(1>771)                               ->                                                                  GCTAGAAATAATTTTG

                                                                 170       180       190       200       210       220       230       240
                                                                  TTTAACTTTAAGAAGGAGATATACATATGGCTAGCAAAGGAGAAGAACTTTTCACTGGAGTTGTCCCAATTCTTGTTGAATTA
ZG01-C35269-G0224102-1_G0224102-1-seq1r.ab1(1>792)  <-  TTTAACTTTAAGAAGGAGATATACATATGGCTAGCAAAGGAGAAGAACTTTTCACTGGAGTTGTCCCAATTCTTGTTGAATTA
G0224102-1.seq(1>771)                               ->  TTTAACTTTAAGAAGGAGATATACATATGGCTAGCAAAGGAGAAGAACTTTTCACTGGAGTTGTCCCAATTCTTGTTGAATTA

                                                                 250       260       270       280       290       300       310       320       330
                                                                  GATGGTGATGTTAATGGGCACAAATTTTCTGTCAGTGGAGAGGGTGAAGGTGATGCTACATACGGAAAGCTTACCCTTAAATT
ZG01-C35269-G0224102-1_G0224102-1-seq1r.ab1(1>792)  <-  GATGGTGATGTTAATGGGCACAAATTTTCTGTCAGTGGAGAGGGTGAAGGTGATGCTACATACGGAAAGCTTACCCTTAAATT
G0224102-1.seq(1>771)                               ->  GATGGTGATGTTAATGGGCACAAATTTTCTGTCAGTGGAGAGGGTGAAGGTGATGCTACATACGGAAAGCTTACCCTTAAATT

                                                                 340       350       360       370       380       390       400       410
                                                                  TATTTGCACTACTGGAAAACTACCTGTTCCATGGCCAACACTTGTCACTACTTTCTCTTATGGTGTTCAATGCTTTTCCCGTT
ZG01-C35269-G0224102-1_G0224102-1-seq1r.ab1(1>792)  <-  TATTTGCACTACTGGAAAACTACCTGTTCCATGGCCAACACTTGTCACTACTTTCTCTTATGGTGTTCAATGCTTTTCCCGTT
G0224102-1.seq(1>771)                               ->  TATTTGCACTACTGGAAAACTACCTGTTCCATGGCCAACACTTGTCACTACTTTCTCTTATGGTGTTCAATGCTTTTCCCGTT

                                                                 420       430       440       450       460       470       480       490
                                                                  ATCCGGATCATATGAAACGGCATGACTTTTTCAAGAGTGCCATGCCCGAAGGTTATGTACAGGAACGCACTATATCTTTCAAA
ZG01-C35269-G0224102-1_G0224102-1-seq1r.ab1(1>792)  <-  ATCCGGATCATATGAAACGGCATGACTTTTTCAAGAGTGCCATGCCCGAAGGTTATGTACAGGAACGCACTATATCTTTCAAA
G0224102-1.seq(1>771)                               ->  ATCCGGATCATATGAAACGGCATGACTTTTTCAAGAGTGCCATGCCCGAAGGTTATGTACAGGAACGCACTATATCTTTCAAA

                                                                 500       510       520       530       540       550       560       570       580
                                                                  GATGACGGGAACTACAAGACGCGTGCTGAAGTCAAGTTTGAAGGTGATACCCTTGTTAATCGTATCGAGTTAAAAGGTATTGA
ZG01-C35269-G0224102-1_G0224102-1-seq1r.ab1(1>792)  <-  GATGACGGGAACTACAAGACGCGTGCTGAAGTCAAGTTTGAAGGTGATACCCTTGTTAATCGTATCGAGTTAAAAGGTATTGA
G0224102-1.seq(1>771)                               ->  GATGACGGGAACTACAAGACGCGTGCTGAAGTCAAGTTTGAAGGTGATACCCTTGTTAATCGTATCGAGTTAAAAGGTATTGA

                                                                 590       600       610       620       630       640       650       660
                                                                  TTTTAAAGAAGATGGAAACATTCTCGGACACAAACTCGAGTACAACTATAACTCACACAATGTATACATCACGGCAGACAAAC
ZG01-C35269-G0224102-1_G0224102-1-seq1r.ab1(1>792)  <-  TTTTAAAGAAGATGGAAACATTCTCGGACACAAACTCGAGTACAACTATAACTCACACAATGTATACATCACGGCAGACAAAC
G0224102-1.seq(1>771)                               ->  TTTTAAAGAAGATGGAAACATTCTCGGACACAAACTCGAGTACAACTATAACTCACACAATGTATACATCACGGCAGACAAAC

                                                                 670       680       690       700       710       720       730       740
                                                                  AAAAGAATGGAATCAAAGCTAACTTCAAAATTCGCCACAACATTGAAGATGGATCCGTTCAACTAGCAGACCATTATCAACAA
ZG01-C35269-G0224102-1_G0224102-1-seq1r.ab1(1>792)  <-  AAAAGAATGGAATCAAAGCTAACTTCAAAATTCGCCACAACATTGAAGATGGATCCGTTCAACTAGCAGACCATTATCAACAA
G0224102-1.seq(1>771)                               ->  AAAAGAATGGAATCAAAGCTAACTTCAAAATTCGCCACAACATTGAAGATGGATCCGTTCAACTAGCAGACCATTATCAACAA

                                                                 750       760       770       780       790       800       810       820       830
                                                                  AATACTCCAATTGGCGATGGCCCTGTCCTTTTACCAGACAACCATTACCTGTCGACACAATCTGCCCTTTCGAAAGATCCCAA
ZG01-C35269-G0224102-1_G0224102-1-seq1r.ab1(1>792)  <-  AATACTCCAATTGGCGATGGCCCTGTCCTTTTACCAGACAACCAT
G0224102-1.seq(1>771)                               ->  AATACTCCAATTGGCGATGGCCCTGTCCTTTTACCAGACAACCATTACCTGTCGACACAATCTGCCCTTTCGAAAGATCCCAA
ZG02-C35269-G0224102-1_G0224102-1-seq2.ab1(1>554)   ->  AATACTCCAATTGGCGATGGCCCTGTCCTTTTACCAGACAACCATTaCCTGTCGACACAATCTGCCCTTTCGAAAGATCCCAA

                                                                 840       850       860       870       880       890       900       910
                                                                  CGAAAAGCGTGACCACATGGTCCTTCTTGAGTTTGTAACTGCTGCTGGGATTACACATGGCATGGATGAGCTCTACAAATAAT
G0224102-1.seq(1>771)                               ->  CGAAAAGCGTGACCACATGGTCCTTCTTGAGTTTGTAACTGCTGCTGGGATTACACATGGCATGGATGAGCTCTACAAATAAT
ZG02-C35269-G0224102-1_G0224102-1-seq2.ab1(1>554)   ->  CGAAAAGCGTGACCACATGGTCCTTCTTGAGTTTGTAACTGCTGCTGGGATTACACATGGCATGGATGAGCTCTACAAATAAT

                                                                 920       930       940       950       960       970       980       990
                                                                  GAATTCGAGCTCGGTACCCGGGGATCCTCTAGAGTCGACCTGCAGGCATGCAAGCTTGGCTGTTTTGGCGGATGAGAGAAGAT
G0224102-1.seq(1>771)                               ->  GAATTC
ZG02-C35269-G0224102-1_G0224102-1-seq2.ab1(1>554)   ->  GAATTCGAGCTCGGTACCCGGGGATCCTCTAGAGTCGACCTGCAGGCATGCAAGCTTGGCTGTTTTGGCGGATGAGAGAAGAT

                                                                1000      1010      1020      1030      1040      1050      1060      1070
                                                                  TTTCAGCCTGATACAGATTAAATCAGAACGCAGAAGCGGTCTGATAAAACAGAATTTGCCTGGCGGCAGTAGCGCGGTGGTCC
ZG02-C35269-G0224102-1_G0224102-1-seq2.ab1(1>554)   ->  TTTCAGCCTGATACAGATTAAATCAGAACGCAGAAGCGGTCTGATAAAACAGAATTTGCCTGGCGGCAGTAGCGCGGTGGTCC

                                                               1080      1090      1100      1110      1120      1130      1140      1150      1160
                                                                  CACCTGACCCCATGCCGAACTCAGAAGTGAAACGCCGTAGCGCCGATGGTAGTGTGGGGTCTCCCCATGCGAGAGTAGGGAAC
ZG02-C35269-G0224102-1_G0224102-1-seq2.ab1(1>554)   ->  CACCTGACCCCATGCCGAACTCAGAAGTGAAACGCCGTAGCGCCGATGGTAGTGTGGGGTCTCCCCATGCGAGAGTAGGGAAC
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                                                                  1170      1180      1190      1200      1210      1220      1230      1240
                                                                  |         |         |         |         |         |         |         |
                                                                  TGCCAGGCATCAAATAAAACGAAAGGCTCAGTCGAAAGACTGGGCCTTTCGTTTTATCTGTTGTTTGTCGGTGAACGCTCTCC
ZG02-C35269-G0224102-1_G0224102-1-seq2.ab1(1>554)  →              TGCCAGGCATCAAATAAAACGAAAGGCTCAGTCGAAAGACTGGGCCTTTCGTTTTATCTGTTGTTTGTCGGTGAACGCTCTCC

                                                                  1250      1260      1270      1280      1290      1300
                                                                  |         |         |         |         |         |
                                                                  TGAGTAGGACAAATCCGCCGGGAGCGGATTTGAACGTTGCGAAGCAACGGCCCGGA
ZG02-C35269-G0224102-1_G0224102-1-seq2.ab1(1>554)  →              TGAGTAGGACAAATCCGCCGGGAGCGGATTTGAACGTTGCGAAGCAACGGCCCGGA
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