```
                                   1         10        20        30        40        50        60        70        80
1. JKa-295fSde197Co4               ATGTTTCTTGGACTTTTTCAATACACGATTGACACAGTTGTCAAAGATGTCTCAAAGTCTGCTAACTTGTCTTTGGATGC
2. JKa-295fSde197Co5               ........................................................................................
3. JKa-295fSde215Co6               ........................................................................................
4. JKa-295fSde194Co25              ........................................................................................
5. JMi-277fSde197Co26              ........................................................................................
6. JMi-277fSde197Co27              ........................................................................................
7. JMi-277fSde197Co28              ........................................................................................
8. JKa-295fSde197Co8               ...........C............................................................................
9. JMi-277fSnorCo11                ........................................................................................
10. JMi-277fSde197Co12             ........................................................................................
11. JMi-277fSde197Co13             ........................................................................................

                                   90        100       110       120       130       140       150       160
1. JKa-295fSde197Co4               TGTCCAAGAGTTGGAGCTCAATGTAGTTCCAATTAGACAAGCTTCAAATGTGACGGGTTTTCTTTTCACCAGTGTTTTTA
2. JKa-295fSde197Co5               ........................................................................................
3. JKa-295fSde215Co6               ........................................................................................
4. JKa-295fSde194Co25              ........................................................................................
5. JMi-277fSde197Co26              ........................................................................................
6. JMi-277fSde197Co27              ........................................................................................
7. JMi-277fSde197Co28              ........................................................................................
8. JKa-295fSde197Co8               ........................................................................................
9. JMi-277fSnorCo11                ...................................A....................................................
10. JMi-277fSde197Co12             ...................................A.....................A..............................
11. JMi-277fSde197Co13             ...................................A....................................................

                                   170       180       190       200       210       220       230       240
1. JKa-295fSde197Co4               TCTACTTCTTTGCACTGTTTAAAGCGTCTTCTTTGAGGCGCAATTATATTTATGTTGGCAGCGCGTTTTGCTGTCATTGTT
2. JKa-295fSde197Co5               ........................................................................................
3. JKa-295fSde215Co6               ........................................................................................
4. JKa-295fSde194Co25              ........................................................................................
5. JMi-277fSde197Co26              ........................................................................................
6. JMi-277fSde197Co27              ........................................................................................
7. JMi-277fSde197Co28              ........................................................................................
8. JKa-295fSde197Co8               ........................................................................................
9. JMi-277fSnorCo11                ........................................................................................
10. JMi-277fSde197Co12             ...............C........................................C.......................
11. JMi-277fSde197Co13             ...............C........................................C.......................

                                   250       260       270       280       290       300       310       320
1. JKa-295fSde197Co4               CTTTATTGCCCACTTTTATATTATTGTGGTGCATTTTTAGATGCAACTATTATTTGTTGCATACTTATTGGCAGGCTTTG
2. JKa-295fSde197Co5               ........................................................................................
3. JKa-295fSde215Co6               ........................................................................................
4. JKa-295fSde194Co25              ........................................................................................
5. JMi-277fSde197Co26              ........................................................................................
6. JMi-277fSde197Co27              ........................................................................................
7. JMi-277fSde197Co28              ........................................................................................
8. JKa-295fSde197Co8               ...................C....................................................................
9. JMi-277fSnorCo11                ..................................................C.....................................
10. JMi-277fSde197Co12             ..................................................C.....................................
11. JMi-277fSde197Co13             ..................................................C.....................................

                                   330       340       350       360       370       380       390       400
1. JKa-295fSde197Co4               TTTAGTCTGCTTTTACTCCTGGCGCTATAAAAATGCGCTCTTTATTATTTTTAATACTACGACACTTTCTTTCCTCAATG
2. JKa-295fSde197Co5               ........................................................................................
3. JKa-295fSde215Co6               ........................................................................................
4. JKa-295fSde194Co25              ........................................................................................
5. JMi-277fSde197Co26              ........................................................................................
6. JMi-277fSde197Co27              ........................................................................................
7. JMi-277fSde197Co28              ........................................................................................
8. JKa-295fSde197Co8               ........................................................................................
9. JMi-277fSnorCo11                ........................................................................................
10. JMi-277fSde197Co12             ........................................................................................
11. JMi-277fSde197Co13             ........................................................................................

                                   410       420       430       440       450       460       470       480
1. JKa-295fSde197Co4               GTAAAGCAGCTTATTATGACGGCAAATCCATTGTGATTTTAGAAGGTGGTGACCATTACATCACTTTTGGCAACTCTTTT
2. JKa-295fSde197Co5               ........................................................................................
3. JKa-295fSde215Co6               ........................................................................................
4. JKa-295fSde194Co25              ........................................................................................
5. JMi-277fSde197Co26              ........................................................................................
6. JMi-277fSde197Co27              ........................................................................................
7. JMi-277fSde197Co28              ........................................................................................
8. JKa-295fSde197Co8               ........................................................................................
9. JMi-277fSnorCo11                ........................................................................................
10. JMi-277fSde197Co12             ........................................................................................
11. JMi-277fSde197Co13             ........................................................................................

                                   490       500       510       520       530       540       550       560
1. JKa-295fSde197Co4               GTTGCTTTTGTTAGTAGCATCGACTTGTATCTAGCTATACGTGGGCGGCAAGAAGCTGACCTACAGCTGTTGCGAACTGT
2. JKa-295fSde197Co5               ........................................................................................
3. JKa-295fSde215Co6               ........................................................................................
4. JKa-295fSde194Co25              ........................................................................................
5. JMi-277fSde197Co26              ........................................................................................
6. JMi-277fSde197Co27              ........................................................................................
7. JMi-277fSde197Co28              ........................................................................................
8. JKa-295fSde197Co8               ........................................................................................
9. JMi-277fSnorCo11                ........................................................................................
10. JMi-277fSde197Co12             ........................................................................................
11. JMi-277fSde197Co13             ........................................................................................

                                   570       580       590       600       610       620       630       640
1. JKa-295fSde197Co4               TGAGCTTCTTGATGGCAAGAAGCTTTATGTCTTTTCGCAACATCAAAATTGTTGGCATTACTAATGCTGCATTTGACTCAA
2. JKa-295fSde197Co5               ........................................................................................
3. JKa-295fSde215Co6               ........................................................................................
4. JKa-295fSde194Co25              ........................................................................................
5. JMi-277fSde197Co26              ........................................................................................
6. JMi-277fSde197Co27              ........................................................................................
7. JMi-277fSde197Co28              ........................................................................................
8. JKa-295fSde197Co8               ........................................................................................
9. JMi-277fSnorCo11                ........................................................................................
10. JMi-277fSde197Co12             ........................................................................................
11. JMi-277fSde197Co13             C.......................................................................................

                                   650       660       675
1. JKa-295fSde197Co4               TTCGACTAGACGAGTATGCTACAATTAGTGAATGA
2. JKa-295fSde197Co5               ...................................
3. JKa-295fSde215Co6               ...................................
4. JKa-295fSde194Co25              ...................................
5. JMi-277fSde197Co26              ...................................
6. JMi-277fSde197Co27              ...................................
7. JMi-277fSde197Co28              ...................................
8. JKa-295fSde197Co8               ...A...............................
9. JMi-277fSnorCo11                ...A.....C.........................
10. JMi-277fSde197Co12             ...AG..............................
11. JMi-277fSde197Co13             ...A...............................
```