```
MBFV-NC_012532.1
MBFV-NC_035889.1
MBFV-NC_012533.1
MBFV-NC_002640.1
MBFV-NC_001477.1
MBFV-NC_001477.1
MBFV-NC_001477.2
MBFV-NC_001475.2
MBFV-NC_009028.2
MBFV-NC_040776.1
MBFV-NC_001563.2
MBFV-NC_001563.2
MBFV-NC_01563.2
MBFV-NC_01563.2
MBFV-NC_00942.1
MBFV-NC_015843.2
MBFV-NC_015843.2
MBFV-NC_015843.2
MBFV-NC_015843.1
MBFV-NC_015843.1
MBFV-NC_009029.2
MBFV-NC_009029.2
MBFV-NC_009029.2
MBFV-NC_032088.1
MBFV-NC_032088.1
MBFV-NC_032088.1
MBFV-NC_03208.1
MBFV-NC_03208.1
MBFV-NC_03208.1
TBFV-NC_03208.1
TBFV-NC_003690.1
TBFV-NC_01809.1
TBFV-NC_001672.1
TBFV-NC_001672.1
TBFV-NC_003687.1
                                                                44
                                                                                                                                                                                                                                                                                 47
                                                                                                                                                                                                                                                                                 46
                                                                                                                                                                                                                                                                                 46
                                                                                                                                                                                                                                                                                 46
                                                                                                                                                                                                                                                                                 46
                                                                                                                                                                                                                                                                                 47
                                                                                                                                                                                                                                                                                 46
                                                                                                                                                                                                                                                                                 46
                                                                                                                                                                                                                                                                                 46
                                                                MBFV-NC_012532.1
MBFV-NC_035889.1
MBFV-NC_012533.1
MBFV-NC_002640.1
MBFV-NC_001477.1
MBFV-NC_001477.1
MBFV-NC_001477.2
MBFV-NC_007580.2
MBFV-NC_009028.2
MBFV-NC_009028.2
MBFV-NC_040776.1
MBFV-NC_01563.2
MBFV-NC_01563.2
MBFV-NC_01563.2
MBFV-NC_01563.2
MBFV-NC_00942.1
MBFV-NC_015534.1
MBFV-NC_012534.1
MBFV-NC_012534.1
MBFV-NC_012534.1
MBFV-NC_009029.2
MBFV-NC_009029.2
MBFV-NC_009029.2
MBFV-NC_032088.1
MBFV-NC_032088.1
MBFV-NC_032088.1
MBFV-NC_032088.1
MBFV-NC_032088.1
MBFV-NC_009029.2
MBFV-NC_003690.1
TBFV-NC_003690.1
TBFV-NC_0018705.3
TBFV-NC_0018705.3
TBFV-NC_0018705.1
TBFV-NC_0018705.1
TBFV-NC_0018705.3
TBFV-NC_0018705.1
TBFV-NC_0018705.1
TBFV-NC_0018705.1
TBFV-NC_0018705.3
                                                                                .....((((..(((((((((
                                                                                                                                                                                                                                                                                100
                                                                                                                                                                                                                                                                                 100
                                                                                                                                                                                                                                                                                97
97
                                                                                                                                                                                                                                                                                 100
                                                                                                                                                                                                                                                                                 100
                                                                                                                                                                                                                                                                                 100
                                                                                                                                                                                                                                                                                 100
                                                                                                                                                                                                                                                                                 103
                                                                                                                                                                                                                                                                                 103
                                                                                                                                                                                                                                                                                 100
                                                                                                                                                                                                                                                                                 100
                                                                                                                                                                                                                                                                                 104
                                                                                                                                                                                                                                                                                 94
                                                                                                                                                                                                                                                                                 103
                                                                                                                                                                                                                                                                                 107
                                                                                                                                                                                                                                                                                 107
                                                                  GGAAGUCCAUCCUGAAAGGUAAGGGGGGCGGUCCCCUCGACGAGUGUCGAAAGAGCCG
AGAAGGCCAUCCUGAAAGGUAAGGGGGGGCGGUCCCCCUCGACGAGUGUCGAAAGAGACCG
--AUGACCACUUCUAAAGGAAAGGGGGGGCGGUCCCCCUAGGCGCAAGCUUAAAGUGACCG
                                                                  0.......70.......80........90........100.......110.......1
                                                                MBFV-NC_012532.1
MBFV-NC_035889.1
MBFV-NC_012533.1
MBFV-NC_002640.1
MBFV-NC_001474.2
MBFV-NC_001477.1
MBFV-NC_001477.1
MBFV-NC_007580.2
MBFV-NC_009028.2
MBFV-NC_009028.2
MBFV-NC_009028.2
MBFV-NC_01563.2
MBFV-NC_01563.2
MBFV-NC_01563.2
MBFV-NC_01563.2
MBFV-NC_00942.1
MBFV-NC_015843.2
MBFV-NC_012534.1
MBFV-NC_015843.2
MBFV-NC_012534.1
MBFV-NC_012534.1
MBFV-NC_009029.2
MBFV-NC_009029.2
MBFV-NC_009029.2
MBFV-NC_032088.1
MBFV-NC_032088.1
MBFV-NC_032088.1
MBFV-NC_009029.2
MBFV-NC_009029.2
TBFV-NC_003690.1
TBFV-NC_0018705.3
TBFV-NC_0018705.3
TBFV-NC_0018705.3
TBFV-NC_0018705.1
TBFV-NC_0018705.3
TBFV-NC_0018705.3
TBFV-NC_0018705.1
TBFV-NC_0018705.1
TBFV-NC_0018705.3
TBFV-NC_0018705.3
TBFV-NC_0018705.1
                                                                                                                                                                                                                                                                                 146
                                                                                                                                                                                                                                                                                 151
                                                                                                                                                                                                                                                                                 143
                                                                                                                                                                                                                                                                                 143
                                                                                                                                                                                                                                                                                 141
                                                                                                                                                                                                                                                                                 141
                                                                                                                                                                                                                                                                                 135
                                                                                                                                                                                                                                                                                 134
                                                                                                                                                                                                                                                                                 135
                                                                                                                                                                                                                                                                                 151
                                                                                                                                                                                                                                                                                 141
                                                                                                                                                                                                                                                                                 140
                                                                                                                                                                                                                                                                                 138
                                                                                                                                                                                                                                                                                 134
                                                                                                                                                                                                                                                                                 135
                                                                  .....AAACGCAAAACAGCAUAU<mark>U</mark>GAC--GUGGGAA--AGACCAGAGACUC
MBFV-NC_012532.1
MBFV-NC_035889.1
MBFV-NC_012533.1
MBFV-NC_002640.1
MBFV-NC_001474.2
MBFV-NC_001477.1
MBFV-NC_001477.1
MBFV-NC_001475.2
MBFV-NC_009028.2
MBFV-NC_009028.2
MBFV-NC_009028.2
MBFV-NC_01563.2
MBFV-NC_01563.2
MBFV-NC_01563.2
MBFV-NC_01563.2
MBFV-NC_001563.2
MBFV-NC_00942.1
MBFV-NC_015843.1
MBFV-NC_015843.1
MBFV-NC_015843.1
MBFV-NC_009029.2
MBFV-NC_009029.2
MBFV-NC_009029.2
MBFV-NC_032088.1
MBFV-NC_032088.1
MBFV-NC_032088.1
MBFV-NC_032088.1
MBFV-NC_032088.1
MBFV-NC_03208.3
TBFV-NC_03690.1
TBFV-NC_003690.1
TBFV-NC_001672.1
TBFV-NC_001672.1
TBFV-NC_003687.1
 MBFV-NC_012532.1
                                                                                                                                                                                                                                                                                 189
                                                                  -----CCCAUAACCAACAUAAACAGCAUAU<mark>U</mark>GACACCUGGGAA--AGACCGGAGACUC
                                                                                                                                                                                                                                                                                 191
                                                                  -----AACACAAAAACAGCAUAUUGACG-CUGGGAA-AGACCAGAGAUCC
                                                                                                                                                                                                                                                                                 194
                                                                  ------AACAAAAAACAGCAUAUUGACG-CUGGGAA-AGACCAGAGAUCC
----------CAACAACAACAGCAUAUUGACG-CUGGGAG-AGACCAGAGAUCC
------CAACUAAAAAACAGCAUAUUGACG-CUGGGAG-AGACCAGAGAUCC
-----UUAA----CGCAAACAACAGCAUAUUGACACCU-GGAA-AGA-CAGGAGAUC
-----C-CAAGCGC-GAAACAACAGCAUAUUGACGCCUGGGAA-AGACCGGGAGAUC
-----CACAAGCGCAAAGAACAGCAUAUUGACACCUGGGAA-AGACCGGGAGAUC
                                                                                                                                                                                                                                                                                 194
                                                                                                                                                                                                                                                                                 194
                                                                                                                                                                                                                                                                                191
                                                                                                                                                                                                                                                                                 193
                                                                                                                                                                                                                                                                                 194
                                                                  -----AAAACACC-AAAAGAAACAGCAUAU<mark>U</mark>GACACCUGGGAU--AGACUAGGGGAUC
                                                                                                                                                                                                                                                                                 193
                                                                  -----CAAACACC-AAAAGAAACAGCAUAUUGACACCUGGGAU --AGACUAGGAGAUC
-----GUGAAC-GCAAAUAAAACAGCAUAUUGACACCUGGGAU --AGACUAGGAGACC
------GUUAACACCAAAACAACAGCAUAUUGACACCUGGGAG --AGACUAGGAGACC
                                                                                                                                                                                                                                                                                 193
                                                                                                                                                                                                                                                                                 190
                                                                                                                                                                                                                                                                                193
                                                                  -----GUGAACACC-ACAAGAAACAGCAUAU<mark>U</mark>GACACCUGGGAU--AGACUAGGAGACC
                                                                                                                                                                                                                                                                                 193
                                                                  -----CUCAAAAGCAUCAAACAACAGCAUAU<mark>U</mark>GACACCUGGGAA-AAGACUAGGAGAUC
                                                                                                                                                                                                                                                                                 188
                                                                  -----ucauaagcaucaaaaaaacagcauau<mark>u</mark>gacaccugggaauuagacuagagauc
                                                                                                                                                                                                                                                                                 188
                                                                 -----UCAUAAGCAUCAAAAAACAGCAUAUUGACACCUGGGAAUUAGACUAGGAGAUC
-----CCCCGCAUUUGCAUCAAACAGCAUAUUGACACCUGGGAAU-AGACUGGGAGAUC
AAACAGUUAACGCACCAAAAGAAACAGCAUAUUGACACCUGGGAU-AGACCGGAGAAUU
A----AGAAGCGCAAAACAAAACAGCAUAUUGACACCUGGGAA-AGACUAGGGGAUU
------CCGCAAAACAAAACAGCAUAUUGACACCUGGGAU-AGACUAGGAGAUC
-----AGCA--CUAUAGCGGACCAUAUUGACGCCUGGGAAAGACCGGAGACACUC
                                                                                                                                                                                                                                                                                 188
                                                                                                                                                                                                                                                                                 194
                                                                                                                                                                                                                                                                                 197
                                                                                                                                                                                                                                                                                 198
                                                                                                                                                                                                                                                                                 189
                                                                                                                                                                                                                                                                                 189
                                                                  ------GGAACAAAUAGUGGGACCAUAU<mark>U</mark>GACGCCAGGGAAAGACCGGAGUGGUUC
                                                                                                                                                                                                                                                                                 188
                                                                 192
                                                                                                                                                                                                                                                                                 188
                                                                                                                                                                                                                                                                                 188
                                                                                                                                                                                                                                                                                 188
                                                                  188
                                                                                                                                                                                                                                                                                 188
                                                                  80......190......200......210......220......230......2
MBFV-NC_012532.1
MBFV-NC_035889.1
MBFV-NC_012533.1
MBFV-NC_002640.1
MBFV-NC_001474.2
MBFV-NC_001477.1
MBFV-NC_001477.1
MBFV-NC_007580.2
MBFV-NC_009028.2
MBFV-NC_009028.2
MBFV-NC_009028.2
MBFV-NC_01563.2
MBFV-NC_01563.2
MBFV-NC_01563.2
MBFV-NC_01563.2
MBFV-NC_00942.1
MBFV-NC_015843.2
MBFV-NC_012534.1
MBFV-NC_015843.2
MBFV-NC_012534.1
MBFV-NC_012534.1
MBFV-NC_009029.2
MBFV-NC_009029.2
MBFV-NC_009029.2
MBFV-NC_032088.1
MBFV-NC_032088.1
MBFV-NC_032088.1
MBFV-NC_009029.2
MBFV-NC_009029.2
TBFV-NC_003690.1
TBFV-NC_0018705.3
TBFV-NC_0018705.3
TBFV-NC_0018705.3
TBFV-NC_0018705.1
TBFV-NC_0018705.3
TBFV-NC_0018705.3
TBFV-NC_0018705.1
TBFV-NC_0018705.1
TBFV-NC_0018705.3
TBFV-NC_0018705.3
TBFV-NC_0018705.1
                                                                  CAUGAGUUU-CCACCACGCUGGCCGCCAG 217
                                                                 CAUGAGUUU-CCACCACGCUGGCCGCCAG
CAUGAGUUU-CCACCACGCUGGCCGCCAG
UGUUGGCUU-UCCCCACACCACCCCCC--
UGCU-GUCU-CUGCAACAUCAAUCC---
UGCU-GUCU-CCUCAGCAUCAUUCC---
UGCU-GUCU-CCUCAGCAUCAUUCC---
                                                                                                                                                                        217
                                                                                                                                                                        217
                                                                                                                                                                       2.17
                                                                                                                                                                        217
                                                                 CCCUGCUU - UUUCAACACCAGCCACAA-
CUCUGCU - UUCCAUCACCAGCCACAA-
CUCUGCU - CUCCACCAGCCACCA-
UUCUGCU - CUGCACACACCAGCCACA-
UUCUGCU - CUGCACAACCAGCCACA-
CUCUGCUU - AUUUCAACACCAGCCACA-
CUCUGCUU - AUUUCAACACCAGCCACUC
                                                                                                                                                                        217
                                                                                                                                                                        217
                                                                                                                                                                        217
                                                                  CUCUG-UC-CUAACAACACCAGCCAU---
CUCUG-UC-CUAACAACACCAGCCAU---
CUCUG-UC-CUAACAACACCAGCCAC---
UUCUGCUCUAUUCCAACAUCAGUCACAAG
UUCUGCUCUAUUCCAACAUCAGCUACUAG
UUCUGCUCUAUUCCAACAUCAGCUACUAG
                                                                                                                                                                        217
                                                                                                                                                                        217
                                                                                                                                                                       2.17
                                                                                                                                                                       217
                                                                  UGCUGCC---UCGCAACACCUCCCAC---
UGCUGCU---CUGGACUUCCGGC----
                                                                 CGCUGCU -- CUGGACUUCCGGC-----
CGCUGCU-- CUGGAACCCCAG-----
CUUGAUUCUCACCUUUCUCACCCUUAA-G
CUUGAUUCUCACCUUUCUCGCCCUAAA-G
UCUGCUUUUCCUCAGAGGUCUGUGAGCA
GAGGAGACCCCU----UGCGAGUGAACAC
UUGUUCUCCCUGAGCCACCAUCACCUAGA
                                                                                                                                                                       217
                                                                                                                                                                       217
                                                                                                                                                                        217
                                                                  UUGUUCUCCCUGAGCCACCAUCACCCAGA
UUGUUCUCCCUGAGCCACCAUCACCCAGA
UUGUUCUCCCUGAGCCACCAUCACCCAGA
                                                                                                                                                                        217
                                                                                                                                                                        217
                                                                                                                                                                        217
                                                                  UUGUUCUCCCUGAGCCACCAUCACCCAGA
                                                                  UUGUUCUCCCUGAGCCACCACCAUCCAGG
                                                                  40......250......260.....
                                                                  minds outside the
```