```
MBFV-NC_012735.1
MBFV-NC_008719.1
MBFV-NC_002031.1
MBFV-NC_012532.1
MBFV-NC_012533.1
MBFV-NC_012533.1
MBFV-NC_012533.1
MBFV-NC_001477.1
MBFV-NC_001477.2
MBFV-NC_001477.2
MBFV-NC_001475.2
MBFV-NC_009028.2
MBFV-NC_009028.2
MBFV-NC_009028.2
MBFV-NC_009028.1
MBFV-NC_001563.2
MBFV-NC_001563.2
MBFV-NC_001563.1
MBFV-NC_001563.1
MBFV-NC_001563.1
MBFV-NC_001563.2
MBFV-NC_009942.1
MBFV-NC_001584.1
MBFV-NC_012534.1
MBFV-NC_012534.1
MBFV-NC_015843.2
MBFV-NC_015843.2
MBFV-NC_015843.2
MBFV-NC_015843.1
MBFV-NC_015843.2
MBFV-NC_0101672.1
TBFV-NC_001672.1
TBFV-NC_001672.1
TBFV-NC_001672.1
TBFV-NC_001672.1
TBFV-NC_003690.1
TBFV-NC_003687.1
MBFV-NC_018705.3
                                                       51
                                                                                                                                                                                                                                             50
47
                                                                                                                                                                                                                                             50
50
49
                                                                                                                                                                                                                                             49
                                                                                                                                                                                                                                             49
                                                                                                                                                                                                                                             49
                                                                                                                                                                                                                                             52
49
                                                                                                                                                                                                                                             49
                                                                                                                                                                                                                                             52
                                                                                                                                                                                                                                             52
                                                                                                                                                                                                                                             52
                                                       MBFV-NC_012735.1
MBFV-NC_008719.1
MBFV-NC_002031.1
MBFV-NC_012532.1
MBFV-NC_012532.1
MBFV-NC_012533.1
MBFV-NC_002640.1
MBFV-NC_001477.2
MBFV-NC_001477.2
MBFV-NC_001477.1
MBFV-NC_001475.2
MBFV-NC_001475.2
MBFV-NC_001475.1
MBFV-NC_009028.2
MBFV-NC_009028.2
MBFV-NC_009028.2
MBFV-NC_009028.1
MBFV-NC_001563.2
MBFV-NC_009551.1
MBFV-NC_009551.1
MBFV-NC_001563.2
MBFV-NC_012534.1
MBFV-NC_012534.1
MBFV-NC_012534.1
MBFV-NC_012534.2
MBFV-NC_012534.1
MBFV-NC_012534.1
MBFV-NC_012534.1
MBFV-NC_012534.1
MBFV-NC_012534.1
TBFV-NC_012534.1
TBFV-NC_012534.1
TBFV-NC_009029.2
TBFV-NC_012534.1
TBFV-NC_001672.1
TBFV-NC_001672.1
TBFV-NC_001672.1
TBFV-NC_001672.1
TBFV-NC_003690.1
TBFV-NC_003687.1
MBFV-NC_018705.3
                                                                                                                                                                                                                                             106
                                                                                                                                                                                                                                             106
                                                                                                                                                                                                                                             99
                                                                                                                                                                                                                                             105
                                                                                                                                                                                                                                             99
                                                                                                                                                                                                                                             99
                                                                                                                                                                                                                                             102
                                                                                                                                                                                                                                             102
                                                                                                                                                                                                                                             102
                                                                                                                                                                                                                                             105
                                                                                                                                                                                                                                             105
                                                                                                                                                                                                                                             105
                                                                                                                                                                                                                                             105
                                                                                                                                                                                                                                             105
                                                                                                                                                                                                                                             105
                                                                                                                                                                                                                                             105
                                                                                                                                                                                                                                             105
105
                                                                                                                                                                                                                                             108
                                                                                                                                                                                                                                             108
                                                                                                                                                                                                                                             105
                                                                                                                                                                                                                                             110
                                                                                                                                                                                                                                             110
                                                                                                                                                                                                                                             110
                                                                                                                                                                                                                                             108
                                                       MBFV-NC_012735.1
MBFV-NC_008719.1
MBFV-NC_002031.1
MBFV-NC_012532.1
MBFV-NC_012533.1
MBFV-NC_012533.1
MBFV-NC_012533.1
MBFV-NC_001477.1
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_009028.2
MBFV-NC_0040776.1
MBFV-NC_001563.2
MBFV-NC_001563.2
MBFV-NC_001563.2
MBFV-NC_001563.2
MBFV-NC_01563.2
MBFV-NC_01563.2
MBFV-NC_015843.1
MBFV-NC_015843.1
MBFV-NC_015843.2
MBFV-NC_015843.2
MBFV-NC_015843.2
MBFV-NC_015843.2
MBFV-NC_009029.2
MBFV-NC_009029.2
MBFV-NC_009029.2
TBFV-NC_001672.1
TBFV-NC_001672.1
TBFV-NC_001672.1
TBFV-NC_001672.1
TBFV-NC_003690.1
TBFV-NC_003690.1
TBFV-NC_003687.1
MBFV-NC_018705.3
 MBFV-NC
                        _012735.1
                                                                                                                                                                                                                                             147
                                                                                                                                                                                                                                             146
                                                                                                                                                                                                                                             151
                                                                                                                                                                                                                                             150
                                                                                                                                                                                                                                             151
155
                                                                                                                                                                                                                                             155
155
                                                                                                                                                                                                                                            153
154
                                                                                                                                                                                                                                             150
                                                                                                                                                                                                                                             153
147
                                                                                                                                                                                                                                             146
                                                                                                                                                                                                                                             147
                                                                                                                                                                                                                                             153
                                                                                                                                                                                                                                             153
157
                                                                                                                                                                                                                                             158
                                                                                                                                                                                                                                             154
147
                                                                                                                                                                                                                                             147
                                                                                                                                                                                                                                             146
147
147
                                                                                                                                                                                                                                             146
157
                                                                                                                               and the second second second
                                                          )))))))))))
MBFV-NC_012735.1

MBFV-NC_008719.1

MBFV-NC_002031.1

MBFV-NC_012532.1

MBFV-NC_012533.1

MBFV-NC_002640.1

MBFV-NC_001474.2

MBFV-NC_001477.1

MBFV-NC_001477.1

MBFV-NC_001477.1

MBFV-NC_009028.2

MBFV-NC_040776.1

MBFV-NC_034151.1

MBFV-NC_034151.1

MBFV-NC_001563.2

MBFV-NC_009942.1

MBFV-NC_009943.1

MBFV-NC_006551.1

MBFV-NC_001437.1

MBFV-NC_007580.2

MBFV-NC_007580.2

MBFV-NC_012534.1

MBFV-NC_000023.2
                                                         CAUAU<mark>U</mark>GACGCCAGGGAA--AGACCGG-AGACACUCCUUGAUU-CUCACCUUUCUCGCCC
 MBFV-NC_012735.1
                                                                                                                                                                                                                                             203
                                                         CAUAU<mark>U</mark>GACGCCUGGGAA--AGACCGG-AGACACUCCUUGAUU-CUCACCUUUCUCACCC
                                                                                                                                                                                                                                             203
                                                         CAUAUUGACGCCUGGGAA - AGACCGG - AGUGGUUCUCUGCUU - UUCCUUCAGAGGUCUG
CAUAUUGACGC - UGGGAA - AGACCAGAGACU - CCAUGAGUUU - CCACCACGCUGGCCGC
CAUAUUGACG - UGGGAA - AGACCAGAGACU - CCAUGAGUUU - CCACCACGCUGGCCGC
CAUAUUGACG - CUGGGAA - AGACCAGAGACU - CCAUGAGUUU - CCACCACGCUGGCCGC
                                                                                                                                                                                                                                             202
                                                                                                                                                                                                                                             205
                                                                                                                                                                                                                                             205
                                                         CAUAU<mark>U</mark>GACACCUGGGAA--AGACCGGAGACUCUGUUGGCUUU-CC-CCACACCAGCCCC
CAUAU<mark>U</mark>GACG-CUGGGAA--AGACCAGAGA-UCCUGCUGUCUC----UGCAACAUCAAUC
CAUAU<mark>U</mark>GACG-CUGGGAA--AGACCAGAGA-UCCUGCUGUCUC----CUCAGCAUCAUUC
                                                                                                                                                                                                                                             207
                                                                                                                                                                                                                                             207
                                                                                                                                                                                                                                             207
                                                         CAUAU<mark>U</mark>GACG-CUGGGAG--AGACCAGAGA-UCCUGCUGUCUC----UACAGCAUCAUUC
                                                                                                                                                                                                                                             207
                                                         CAUAU<mark>U</mark>GACG-CUGGGAG--AGACCAGAGA-UCCUGCUGUCUC----CUCAGCAUCAUUC
                                                                                                                                                                                                                                             207
                                                         CAUAUUGACGCCUGGGAA--AGACCGGGAGAUCCU-CUGCUU----UCCAUCACCAGCCA
CAUAUUGACACCUGGGAA--AGACCGGGAGACCCU-CUGCUC----UGCAACACCAGCCA
                                                                                                                                                                                                                                             206
                                                                                                                                                                                                                                             207
                                                         CAUAUUGACACCUGGGAU - AGACUGGGAGACCCU - CUGCUUA - UUUCAACACCAGCCA
CAUAUUGACACCUGGGA - UAGACUAGGGGAUCUU - CUGCUCU - - - GCACAACCAGCCA
                                                                                                                                                                                                                                             205
                                                                                                                                                                                                                                             206
                                                         CAUAU<mark>U</mark>GACACCUGGGA--UAGACUAGGAGAUCUU-CUGCUCU----GCACAACCAGCCA
                                                                                                                                                                                                                                             206
                                                         CAUAU<mark>U</mark>GACACCUGGGAA-AAGACUAGGAGAUCUU-CUGCUCU-AUUCCAACAUCAGUCA
                                                                                                                                                                                                                                             204
                                                                                                                                                                                                                                             204
                                                         CAUAU<mark>U</mark>GACACCUGGGAAUUAGACUAGGAGAUCUU-CUGCUCU-AUUCCAACAUCAACCA
                                                        CAUAUUGACACCUGGGAAU-AGACUAGGAGAUCUU-CUGCUCU-AUUCCAACAUCAACCA
CAUAUUGACACCUGGGAAU-AGACUGGGAGAUCUU-CUGCUCU-AUCUCAACAUCAGCUA
CAUAUUGACACCUGGAAAGA---CAGGAGAUCCC-CUGCUUU---UUCAACACCAGCCA
CAUAUUGACACCUGGGA--GAGACUAGGAGACCCU-CUGUCCU-AA--CAACACCAGCCA
CAUAUUGACACCUGGGA--UAGACUAGGAGACCCU-CUGUCCU-AA--CAACACCAGCCA
CAUAUUGACACCUGGGAA--AGACUAGGGGAUUUG-CUGCUC----UGGACUUCCGGCU
CAUAUUGACACCUGGGAU--AGACUAGGAGAUCCG-CUGCUC-----UGGAACCCCAGUU
                                                                                                                                                                                                                                             204
                                                                                                                                                                                                                                             205
MBFV-NC_012534.1

MBFV-NC_015843.2

MBFV-NC_009029.2

MBFV-NC_032088.1

MBFV-NC_009026.2

TBFV-NC_027709.1

TBFV-NC_001672.1

TBFV-NC_001809.1

TBFV-NC_003690.1

TBFV-NC_003687.1

MBFV-NC_018705.3
                                                                                                                                                                                                                                             207
                                                                                                                                                                                                                                             207
                                                                                                                                                                                                                                             209
                                                                                                                                                                                                                                             210
                                                         CAUAUUGACACCUGGGAU-AGACUAGGAGAUC-CUGCUC---UGAGACCCCAGUU
CAUAUUGACACCUGGGA--UAGACCGG-AGAAUU---UGCUGC-CUCGCAACACCUCCCA
CAAA-UUCCCCUCGAC---AGAGGGGGGGGGUUCUUGUUCUCCCUGAGCCACCAUCAC
AAAA-UUCCCCCUCGGU---AGAGGGGGGGGGUUCUUGUUCUCCCUGAGCCACCAUCAC
CAAAUUUCCCCCUCGAC---AGAGGGGGGGGGGUUCUUGUUCUCCCUGAGCCACCAUCAC
                                                                                                                                                                                                                                             207
                                                                                                                                                                                                                                             203
                                                                                                                                                                                                                                             203
                                                                                                                                                                                                                                             203
203
                                                         CAAA-UUCCCCUCAUC---UGAGGGGGGGGGUUCUUGUUCUCCCUGAGCCACCAUCAC
CAAA-UUCCCCCUCGUC---AGAGGGGGGGGGUUCUUGUUCUCCCUGAGCCACCAUCAC
                                                                                                                                                                                                                                             203
                                                         UAAAU<mark>U</mark>UCCCCAGGAA---ACUGGGGGGGCGUUCUUGUUCUCCCUGAGCCACCAU
UAAACCAGGGGAAGGACUAGAGGUUAGAGGAGACCCCU-----UGCGAGUGAACA
                                                                                                                                                                                                                                             207
                                                         80......220......230......2
                                                                                                                           taleng dise
MBFV-NC_012735.1
MBFV-NC_008719.1
MBFV-NC_002031.1
MBFV-NC_012532.1
MBFV-NC_012532.1
MBFV-NC_012533.1
MBFV-NC_002640.1
MBFV-NC_001477.1
MBFV-NC_001477.1
MBFV-NC_001477.1
MBFV-NC_001477.1
MBFV-NC_001477.1
MBFV-NC_034151.1
MBFV-NC_034151.1
MBFV-NC_009028.2
MBFV-NC_009043.1
MBFV-NC_001437.1
MBFV-NC_001437.1
MBFV-NC_001437.1
MBFV-NC_012534.1
                                                         UAAAGCACAGAUUGCUU--GAAUGCAGGGCGG-GGAAGUUGAGAACCAACUAGUGUCU
                                                          UUAAGCACAGAUUGCUU--GAAUGCAGGGUGG-GGAAGUUGGGAACCAACUAGUGUCU
                                                        U-AGCACAGAUUGCUU--GAAUGCAGGGGGG-GGAGGUGGGAACCAACUAGUGUCU
U-GAGCACAGUUUGCUCAAGAAUAAGCAGACC-UUUGGAUGACAAAACCAAAACCACU
CA-GGCACAGAUCGCCGA--ACUUCGGCGGCC-GGUGUGGG-GAAAUCCAUGGUUUCU
CA-GGCACAGAUCGCCGA--AUAGCGGCGCC-GGUGUGGG-GAAAUCCAUGGGUCUU
CU-GGCACAGAGCGCC---AGAUCGGGGGUU-GGUGGA-GCAACCCAACAGGACU
CA-GGCACAGAACGCCAG--AAAAUGGAAUGG-UGCUGU---UGAUCCAACAGGUUCU
CA-GGCACAGAACGCCAG--AAAAUGGAAUGG-UGCUGU---UGAAUCAACAGGUUCU
                                                                                                                                                                                                                                       258
                                                                                                                                                                                                                                       258
                                                                                                                                                                                                                                       258
                                                                                                                                                                                                                                       258
                                                                                                                                                                                                                                       258
                                                         CA-GGCACAGAACGCCAA--AAAAUGGAAUGG-UGCUGU---UGAAUCAACAGGUUCU
CA-GGCACAGAACGCCAG--AAAAUGGAAUGG-UGCUGU---UGAAUCAACAGGUUCU
                                                                                                                                                                                                                                       258
                                                                                                                                                                                                                                       258
                                                                                                                   -AAGUAGUGGCUG-GUGGUGAA---AAACACAUGGAUCU
                                                         CUAGGCACAGAUCGCCGC
                                                                                                                                                                                                                                       258
                                                         CUAGGCACAGAUCGCCGA--AAUCUGUGGCUG-GUGCUGCA---AAACACA-GGAUCU
                                                                                                                                                                                                                                       258
                                                                                                                   -AAGU-GUGGCUG-GUGGUGAAAAUAAACACA-GAGUCU
                                                                                                                                                                                                                                       258
                                                         CUCGGCACAGAACGCCGU
                                                                                                              .--CAUAGGUGGCUG-GUGGUGC--UAGAACACA-GGAUCU
---CAAUGGUGGCUG-GUGGUGC--GAGAACACA-GGAUCU
                                                                                                                                                                                                                                       258
                                                         CACGGCACAGUGCGCCGA
                                                          CACGGCACAGUGCGCCGA
                                                                                                                                                                                                                                       258
                                                         CAAGGCACCGAGCGCCGA--ACACUGUGACUG-AUGGGGGAGAAGACCACA-GGAUCU
CAAGGCACAGAGCGCCGA--AAAUUGUGGCUG-GUGGGGAACUAGACCACA-GGAUCU
                                                                                                                                                                                                                                       258
                                                                                                                                                                                                                                       258
                                                         CUAGGCACAGAGCGCCGA--AGUAUGUAGCUG-GUGGUGAGGAAGAACACA-GGAUCU
                                                                                                                                                                                                                                       258
                                                          CAAGGCACAGAGCGCCGU
                                                                                                                   -AAAGUGUGGCUG-GUGGUGAA-AAAAUCACA-GGAUCU
                                                                                                                                                                                                                                       258
                                                        CAAGGCACAGAGCGCCGU -- AAAGUGUGGCUG-GUGGUGAA-AAAAUCACA-GGAUCU
UCCGGCACAGAGCGCCGU -- AAG-UGUGGCUG-GUGGUG-GUAGAACACA-GUGUCU
CUUGGCACAGAUCGCCGA--AAG-UGUGGCUG-GUGGUG--GUAGAACACA-GGAUCU
CUCGGCACAGAACGCCGU--UGA-GGAGCCGA-AGGCCCAA---AACAC-CAGAUCU
CUAGGCACAGAACGCCG--UAA-UGAACUGG-GGUGCCAA---AACAC-CGAAUCU
CCCGGCACAGAACGCCGA--CA-UGGUGGGAG-GGGUCGUAAGACACCA---GAUUCU
CCAGACACAGAUAGUCUGACAAGGAGGUGAUGCGUGACUCGGAAAAACAC---CCGCU
                                                                                                                                                                                                                                       258
                                                                                                                                                                                                                                       258
                                                                                                                                                                                                                                       258
                                                                                                                                                                                                                                       258
MBFV-NC_032088.1

MBFV-NC_009026.2

TBFV-NC_027709.1

TBFV-NC_001672.1

TBFV-NC_001809.1

TBFV-NC_005062.1

TBFV-NC_003690.1

TBFV-NC_003687.1

MBFV-NC_018705.3
                                                                                                                                                                                                                                       258
                                                         CCAGACACAGGUAGUCUGACAAGGAGGUGAUGUGUGACUCGGAAAAACAC---CCGCU
                                                         CCAGACACAGAUAGUCUGACAAGGAGGUGAUGUGUGACUCGGAAAAACAC---CCGCU
                                                         CCAGACACAGGCAGUCUAACAAGGAGGUGAUGUGUGACUCGGAACACAC---CCGCUCUAGACACAGAUAGUCUGAAAAGGAGGUGAUGCGUGUCUCGGAAAAACAC---CCGCU
                                                                                                                                                                                                                                       258
                                                                                                                                                                                                                                       258
                                                         CCAGGCACAGAUAGCCUGACAAGGAGAUGGUGUGUGACUCGGAAAAACAC---CCGCU
                                                                                                                                                                                                                                       258
                                                         CCACACAAAAACAGCAUAUUGACACCUGGGAAAGACUAGGAGACCCUC-----UGU
                                                         40......250......260......270......280......290......
                                                                                                                   Hardad Street, adults to
```