

MBFV-NC_012534.1 ---AGUUUGAAC--GUUUUUUUGGAGAUUAUU-----AUGUUUAACAAAAAAC 46
MBFV-NC_015843.2 ---AGUUUGAAC--GUUUUUUUGGAGAUAGAGACAACU-----AUGUCUUAACAAAAAAC 46
MBFV-NC_001437.1 -----UUAAACAGUUUUUAGAACGGAAGAUAA---CC---AUGACU---AAAAAC 43
MBFV-NC_012735.1 -----AAGGAGUAGAAGAAAGGAGAUUCAUUCCAAUUGGCAACAAAGGGGA 46
MBFV-NC_008719.1 -----AAAGGGUAGAGAAAAGGAGUUUUUGCUUCUCAUUGGCAACAAAGAGGAG 46
MBFV-NC_002031.1 -----UUGAGCGAUUAGCAGAGAACUGACCAGAACAUUGUC-----UG 37
.....10.....20.....30.....40.....50.....60.....



MBFV-NC_012532.1 AAGAAAUC--C--GGAGGA-UCCGGAUUGCAAUAUGCUAAAACGCGGAGUAGCCCCGUG 100
MBFV-NC_035889.1 AAGAAAUC--C--GGAGGAUUCGGAUUGCAAUAUGCUAAAACGCGGAGUAGCCCCGUG 100
MBFV-NC_001477.1 GAAAAAGA-C--GGGUCGACC--GUCUUCAAUAUGCUGAAACGCGCGAGAAACCGCG 97
MBFV-NC_001475.2 GAAGAAGA-C--GGGAAAAACC--GUCUACAAUAUGCUGAAACGCGUGAGAAACCGUG 97
MBFV-NC_001474.2 GAAAAAGG-C--GAAAAACAC--GCCUUCAAUAUGCUGAAACGCGAGAGAAACCGCG 97
MBFV-NC_002640.1 AAAAAAGG-U--GGUAGACC--ACCUUCAAUAUGCUGAAACGCGAGAGAAACCGCG 94
MBFV-NC_012533.1 CAAAAAAG-G--GCCGCAUCGCGGCCUAACAAUAUGCUGAAGCGCUUUGGAUCUAGCG 94
MBFV-NC_000943.1 CAGGAGGACCC--GGGAAGCCCCGGGUCGCAAUAUGCUAAAACGCGGCAUACCCCCGCG 100
MBFV-NC_006551.1 CAGGAGGGGCC--GGAGAAAACCGGGCCAACAAUAUGCUGAAACGCGGCAUACCCCCGCG 100
MBFV-NC_001563.2 CAGGAGGGCCC--GGUAAAAACCGGGCUGCAAUAUGCUAAAACGCGGUAUGCCCCGCG 100
MBFV-NC_009942.1 CAGGAGGGCCC--GGCAAGAGCCGGGCUGCAAUAUGCUAAAACGCGGAAUGCCCCGCG 100
MBFV-NC_007580.2 CAGGAAAACCC--GGUAGAAACCGGGUUGCAAUAUGCUAAAACGCGGCGUAUCCCCGCG 100
MBFV-NC_034151.1 CAGGAGGACCC--GGAAAGAACCAGGUCGCAAUAUGCUGAAGCGCACAUCCCCGCGUA 100
MBFV-NC_009028.2 CAGGAAAGUCC--GCGUGAAAGCGGACUGCAAUAUGCUAAAACGCGGCUAGCGUGU 100
MBFV-NC_040776.1 CAGGAGGACCC--GCCGGAAGCGGGUUGCAAUAUGCUGAAACGCCAGCCAGCGUUU 100
MBFV-NC_009026.2 CAGGAAGACCC--GGAGGAAAACCGGGUCGCAAUAUGCUAAAGCGUACGGCGGCCAACG 100
MBFV-NC_009029.2 CAGGAAGGCC--GGUAGAAAACCGGGCUACAAUAUGCUAAAGCGCGGCUAGCCCCGCG 100
MBFV-NC_032088.1 CAGGAAAGUCC--GGCAAUCGUCGACUGCAAUAUGCUAAAGCGCGGAGCAUCCCCGCG 100
MBFV-NC_012534.1 CAGGAAAACCC--GGGGCAACCCGGGUUGCAAUAUGCUAAAGCGCGGUGCAUCCC--- 100
MBFV-NC_015843.2 CAGGAAGACCC--GGCUCAGGCCGGGUUGCAAUAUGCUAAAGCGCGGAACGUCCC--- 100
MBFV-NC_001437.1 CAGGAGGGCCC--GGUAAAAACCGGGCUACAAUAUGCUGAAACGCGGCUAGCCCCGCG 100
MBFV-NC_012735.1 UGAUAUAGUCUCGGGCUCGAUCCCCGAGGCGCAAUAUGCUAG--CGGCUAG----- 95
MBFV-NC_008719.1 CAAGCAAGUCUCGGGUCACGACCCGGGGCGCAAUAUGGUA--CGGCCAA----- 95
MBFV-NC_002031.1 GUCGUAAGCUCAGGGAACACCCUGGGCGCAAUAUGGU--A--CGACGAGAGUUCGCU 94
0.....70.....80.....90.....100.....110.....120.....



MBFV-NC_012532.1 -----NNNNNNNCCCCGAAAACGCAAAACAGCAUAUUGAC-G-UGGGA--AAGACCAG 150
MBFV-NC_035889.1 -----NNNNNNN-CCCCGAAAACGCAAAACAGCAUAUUGAC-GCUGGGA--AAGACCAG 150
MBFV-NC_001477.1 UGU---NNNNNNNCCCGCACAAACAA-CAAAACAGCAUAUUGAC-GCUGGGA--GAGACCAG 150
MBFV-NC_001475.2 UGU---NNNNNNNCCCCCGAAAACAA-AAAACAGCAUAUUGAC-GCUGGGA--GAGACCAG 150
MBFV-NC_001474.2 UGU---NNNNNNNCCCCCGAAAACAA-AAAACAGCAUAUUGAC-GCUGGGA--AAGACCAG 150
MBFV-NC_002640.1 UAUCAANNNNNNNCCCCCAACACA-AAAACAGCAUAUUGAC-GCUGGGA--AAGACCAG 150
MBFV-NC_012533.1 CUGGCCNNNNNNNNAUAACCAA--CAUAAAACAGCAUAUUGACACCUGGGA--AAGACCGG 150
MBFV-NC_000943.1 -----NNNNNNNAAAAGCAUC--AAACAACAGCAUAUUGACACCUGGGAA--AAGACUAG 151
MBFV-NC_006551.1 -----NNNNNNN-UAAGCAUCA-AAAAAACAGCAUAUUGACACCUGGGAUUAGACUAG 152
MBFV-NC_001563.2 -----NNNNNNNAAACACC-AA-AAGAAACAGCAUAUUGACACCUGGGA--UAGACUAG 150
MBFV-NC_009942.1 -----NNNNNNNNAACACCA-CA-ACAAAACAGCAUAUUGACACCUGGGA--UAGACUAG 150
MBFV-NC_007580.2 -----NNNNNNNCCGUUAACGC-AAACAACAGCAUAUUGACACCUGGAA--AGACAGG 150
MBFV-NC_034151.1 -----NNNNNNNNGAA-CGCAA-UAAAAACAGCAUAUUGACACCUGGGA--UAGACUGG 150
MBFV-NC_009028.2 -----NNNNNNNCAAGCGCGAA--ACAAAACAGCAUAUUGACGCCUGGGA--AAGACCGG 150
MBFV-NC_040776.1 -----NNNNNNN-AAGCGCAA-GACAAACAGCAUAUUGACACCUGGGA--AAGACCGG 150
MBFV-NC_009026.2 -----NNNNNNN-ACGCACAA-AAGAAACAGCAUAUUGACACCUGGGA--UAGACCGG 150
MBFV-NC_009029.2 -----NNNNNNN-AGCGAAAC-ACAAAACAGCAUAUUGACACCUGGGA--AAGACUAG 150
MBFV-NC_032088.1 -----NNNNNNN-UACCGCAA-ACAAAACAGCAUAUUGACACCUGGGA--UAGACUAG 150
MBFV-NC_012534.1 -----NNNNNNN-AACACCAA-ACAAAACAGCAUAUUGACACCUGGGA--GAGACUAG 150
MBFV-NC_015843.2 -----NNNNNNNNGAACACCACA-A-GAAACAGCAUAUUGACACCUGGGA--UAGACUAG 150
MBFV-NC_001437.1 -----NNNNNNN-----CAUAUUGACACCUGGGAA-UAGACUGG 133
MBFV-NC_012735.1 -AGUGANNNNNNNCCGAGCACACAUAGC-GGACCAUAUUGACGCCAGGGAAAGACCGGAG 153
MBFV-NC_008719.1 -GGCUNNNNNNNNCCGAGCAC-UAUAGC-GGACCAUAUUGACGCCUGGGAAAGACCGGAG 152
MBFV-NC_002031.1 CCUGANNNNNNNAGG-GAACAAUAGUGGACCAUAUUGACGCCAGGGAAAGACCGGAG 153
20.....130.....140.....150.....160.....170.....180.....



MBFV-NC_012532.1 AGACUCCAUGAGUUUCC----- 167
MBFV-NC_035889.1 AGACUCCAUGAGUUUCC----- 167
MBFV-NC_001477.1 AGAUCCUGCUGUCUCUA----- 167
MBFV-NC_001475.2 AGAUCCUGCUGUCUCCU----- 167
MBFV-NC_001474.2 AGAUCCUGCUGUCUCCU----- 167
MBFV-NC_002640.1 AGAUCCUGCUGUCUCUG----- 167
MBFV-NC_012533.1 AGACUCUGUUGGCUUUC----- 167
MBFV-NC_000943.1 GAGAUCUUCUGCUCUA----- 167
MBFV-NC_006551.1 GAGAUCUUCUGCUCU----- 167
MBFV-NC_001563.2 GGAUCUUCUGCUCUGC----- 167
MBFV-NC_009942.1 GAGAUCUUCUGCUCUGC----- 167
MBFV-NC_007580.2 AGAUCCCCUGCUUUUC----- 167
MBFV-NC_034151.1 GAGACCCUGCUCUAUU----- 167
MBFV-NC_009028.2 GAGAUCUUCUGCUCUCC----- 167
MBFV-NC_040776.1 GAGACCCUGCUCUCUGC----- 167
MBFV-NC_009026.2 AGAAUUUGCUGCCUCGC----- 167
MBFV-NC_009029.2 GGAUUUUGCUGCUCUGG----- 167
MBFV-NC_032088.1 GAGAUCGCGUCUCUGG----- 167
MBFV-NC_012534.1 GAGACCCUGUCCUAA----- 167
MBFV-NC_015843.2 GAGACCCUGUCCUAA----- 167
MBFV-NC_001437.1 GAGAUCUUCUGCUCUAUCUCAACAUCAGCUACUA 167
MBFV-NC_012735.1 ACACUCCUUGAUUC----- 167
MBFV-NC_008719.1 ACACUCCUUGAUUC----- 167
MBFV-NC_002031.1 UGUUUCUCUGCUU-U----- 167
80.....190.....200.....210.....

