

MBFV-NC_035889.1 UUUUGGAUUUGGA---AACGAGAGUUUCUGG--U----CAUGAAAAA-CCCAAAAAAGAA 50
MBFV-NC_012532.1 AUUUGGAUUUGGA---AACGAGAGUUUCUGG--U----CAUGAAAAACCCCAAGAAAGAA 51
MBFV-NC_002640.1 -----UGUUUGAAUAGAGAGCAGAUUCUCUGGAAA-----AAUG---AA--CCAACGAAA 46
MBFV-NC_001477.1 AACAGUUUUUUUAUUAGAGAGCAGAUUCUCUG-----AUGAACAA--CCAACGGAAA 49
MBFV-NC_001475.2 GACAGUUUUUUUAUUAGAGAGCAGAUUCUCUG-----AUGAACAA--CCAACGGAGA 49
MBFV-NC_001474.2 ACAGUUUUUUUAUUAGAGAGCAGAUUCUCUG-----AUGAAUAA--CCAACGGAAA 49
MBFV-NC_012533.1 -----GUGUUGAGAAAAGAAAACAGAU-UCUUCGGA---AAUGAA-----AACCCAAA 44
MBFV-NC_009026.2 -----UCGAGGAAA--GACGAGAAGCGAAUUCU-CUGAAUGGCU--AGAAAACCAAGGA 48
MBFV-NC_009028.2 -----UCUGAAUAGUUUUUAGCAAGGGGAUUC-CC--AUGUCU--AAAAAACCAAGGA 48
MBFV-NC_040776.1 -----UCUGAAUAGUUUUUAGCAGAGGUACUA-CC--AUGUCU--AAAAAACCAAGGA 48
MBFV-NC_006551.1 -----GCCG-GCAGUUUCUUUGAG-CGUUGAUU-UUCAUUGUCU--AAGAAACCAAGGA 48
MBFV-NC_001563.2 -----UGCGAGCUGUUUCUUGGCA-CGAAGA-U-CUCGAUGUCU--AAGAAACCAAGGA 48
MBFV-NC_009942.1 -----UGCGAGCUGUUUCUUGAGCA-CGAAGA-U-CUCGAUGUCU--AAGAAACCAAGGA 48
MBFV-NC_012534.1 -----AGUUUGAACGUUUUUUGGAGAGAGAUUA-UU--AUGUUUAAACAAAAAACCAAGGA 51
MBFV-NC_015843.2 -----AGUUUGAACGUUUUUUGGAUAGAGACAA-CU--AUGUCUAACAAAAAACCAAGGA 51
MBFV-NC_034151.1 -----UGAAUAGUUUUUUGAACAGAGGUGAA-AACCAUGUCU--AAAAAACCAAGGA 48
MBFV-NC_009029.2 ACACAGUGUGAACAGUUUUUGAACAG-----CA-----AUGACC---AAAAACCAAGGA 48
MBFV-NC_032088.1 ----AGUGUGAACAAAGUUUUUGAUCAGUGGAUA-----AUGACU--AAAAAACCAAGGA 48
MBFV-NC_000943.1 -----UGAACAGUUUUUUGGAGCUUUUGAUU-UCAAAUGUCU--AAAAAACCAAGGA 48
MBFV-NC_007580.2 -----GCGAACAGUUUUUU--AGCAGGGAUUUACCCAAUGUCU--AAAAACCAAGGA 48
MBFV-NC_001437.1 -----UUAAACAGUUUUUUAGAACGGAAGAUAAACC--AUGACU--AAAAAACCAAGGA 48
MBFV-NC_012735.1 -----AAGGAGUAGAAGAAAGGAGAUUCAUCCCAUUGGCAACAAAGGGGAUGAAU 51
MBFV-NC_008719.1 -----AAAGGGUAGAAAAGAGUUUUGCUUCUCAUGGCAACAAGAGGAGACG 51
MBFV-NC_002031.1 -----UUGAGCGAUUAGCAGAGAACUGACCAGAACAUGUC-----UGGUCGU 42
.....10.....20.....30.....40.....50.....6



MBFV-NC_035889.1 AUC--C--GGAGGAUUCGGAUUGUCAAUUGCUAAAAACGCGGAGUAGCCCGUG----- 100
MBFV-NC_012532.1 AUC--C--GGAGGA-UCCGGAUUGUCAAUUGCUAAAAACGCGGAGUAGCCCGUG----- 100
MBFV-NC_002640.1 AGG-U--GGUUAGACC--ACCUUUCAAUUGCUGAAACGCGAGAGAAACCGCGUAUCA 99
MBFV-NC_001477.1 AGA-C--GGGUCGACC--GUCUUUCAAUUGCUGAAACGCGCGAGAAACCGCGUGU-- 100
MBFV-NC_001475.2 AGA-C--GGGAAAACC--GUCUAUCAAUUGCUGAAACGCGUGAGAAACCGUGUGU-- 100
MBFV-NC_001474.2 AGG-C--GAAAAACAC--GCCUUUCAAUUGCUGAAACGCGAGAGAAACCGCGUGU-- 100
MBFV-NC_012533.1 AAG-G--CCCGCAUCGCGGCCUAUCAAUUGCUGAAGCGCUUUGGAUCUAGCGCUGGC 99
MBFV-NC_009026.2 AGACCC--GGAGGAAACCGGGGUCGUCAAUUGCUAAAGCGUACGGCGGCCAACG-- 100
MBFV-NC_009028.2 AAGUCC--CGUGCAAAGCGGAGUGUCAAUUGCUAAAAACGCCUGGCUAGCGUGU-- 100
MBFV-NC_040776.1 GGACCC--CCCGGAAGGCGGCGUUGUCAAUUGCUGAAACGCCACGCCAGCGUUU-- 100
MBFV-NC_006551.1 GGGCCC--GGAAGAAACCGGGCCAUCAAUUGCUGAAACGCGGCAUACCCCGCG-- 100
MBFV-NC_001563.2 GGGCCC--GGUAAAAACCGGGCUGUCAAUUGCUAAAAACGCGGUAUGCCCCGCG-- 100
MBFV-NC_009942.1 GGGCCC--GGCAAGAGCCGGGCGUCAAUUGCUAAAAACGCGGAUUGCCCGCG-- 100
MBFV-NC_012534.1 AAACCC--GGGGCAACCCGGGUUGUCAAUUGCUAAAGCGCGGUGCAUCCC----- 100
MBFV-NC_015843.2 AGACCC--GGCUCAGGCGCGGUUGUCAAUUGCUAAAGCGCGGACGACUCCC----- 100
MBFV-NC_034151.1 GGACCC--GGAAGAAACCGGGUGUAAUUGCUGAAGCGCACAUCCCGCGCUA----- 100
MBFV-NC_009029.2 AGGCCC--GGUAGAAAUCGGGCGCUCAAUUGCUAAAGCGCGGUGCGUCCCGCG-- 100
MBFV-NC_032088.1 AAGUCC--GGCAAUCGUCGAGCUGUCAAUUGCUAAAGCGCGGAGCAUCCCGCG-- 100
MBFV-NC_000943.1 GGACCC--GGGAAGCCCCGGGUGUCAAUUGCUAAAAACGCGGCAUACCCCGCG-- 100
MBFV-NC_007580.2 AAACCC--GGUAGAAACCGGGUUGUCAAUUGCUAAAAACGCGGCGUAUCCCGCG-- 100
MBFV-NC_001437.1 GGGCCC--GGUAAAAACCGGGCUAUCAAUUGCUGAAACGCGGCCUACCCCGCG-- 100
MBFV-NC_012735.1 AAGUCUGCGGUCUCGAUCCCGAGGCGUCAUUGGUAG--CGGCUAGAGU-----GA-- 100
MBFV-NC_008719.1 AAGUCUGCGGUC--ACGACCCGGGGCGUCAUUGGUGAGCGGCCAACGCG--CA-- 100
MBFV-NC_002031.1 AAAGCUCAGGAAAAAACCCUGGGCGUCAAUUGGUACGACGAGGAGUUCGCUCCUUGU-- 100
0.....70.....80.....90.....100.....110.....1



MBFV-NC_035889.1 -NNNNNNN-C-CCGGAACGCAAAACAGCAUUAUGACG-CUGGGA--AAGACCAGAGAC 154
MBFV-NC_012532.1 -NNNNNNNCC-CCGGAACGCAAAACAGCAUUAUGACG--UGGGA--AAGACCAGAGAC 154
MBFV-NC_002640.1 ANNNNNNNNCC-CCCCAACACA-AAAACAGCAUUAUGACG--UGGGA--AAGACCAGAGAU 154
MBFV-NC_001477.1 -NNNNNNNCC-CGCACAACAA-CAAACAGCAUUAUGACG-CUGGGA--GAGACCAGAGAU 154
MBFV-NC_001475.2 -NNNNNNNCC-CCCGCAAAUA-AAAACAGCAUUAUGACG-CUGGGA--GAGACCAGAGAU 154
MBFV-NC_001474.2 -NNNNNNNCC-CCCGAAACAA-AAAACAGCAUUAUGACG-CUGGGA--AAGACCAGAGAU 154
MBFV-NC_012533.1 CNNNNNNNNAU-AACCAA--CAUAAAACAGCAUUAUGACACCUGGGA--AAGACCGGAGAC 154
MBFV-NC_009026.2 -NNNNNNNN--ACGCACCAAAAGA-AACAGCAUUAUGACACCUGGGA--UAGACCGGAGAA 154
MBFV-NC_009028.2 -NNNNNNNN--CAAGCGCAA-ACA-AACAGCAUUAUGACCCUGGGA--AAGACCGGAGAA 154
MBFV-NC_040776.1 -NNNNNNNN--AAGCGCAAAGACA-AACAGCAUUAUGACACCUGGGA--AAGACCGGAGAA 154
MBFV-NC_006551.1 -NNNNNNNN--UAAGCAUCAAAA-A-AACAGCAUUAUGACACCUGGGAAUUGAGUAGGAGA 156
MBFV-NC_001563.2 -NNNNNNNN--AAACACCAAAAG-A-AACAGCAUUAUGACACCUGGGA--UAGACUAGGGGA 154
MBFV-NC_009942.1 -NNNNNNNN--AACACCAACA-A-AACAGCAUUAUGACACCUGGGA--UAGACUAGGAGA 154
MBFV-NC_012534.1 -NNNNNNNN--AAC-ACCAAAACAA-AACAGCAUUAUGACACCUGGGA--GAGACUAGGAGA 154
MBFV-NC_015843.2 -NNNNNNNN--GAA-CACCACAAGA-AACAGCAUUAUGACACCUGGGA--UAGACUAGGAGA 154
MBFV-NC_034151.1 -NNNNNNNGAAGCAACGCAAAUAAAA-CAGCAUUAUGACACCU--GGGA--UAGACUGGAGAA 154
MBFV-NC_009029.2 -NNNNNNNN--AGCGCAAACACAA-AACAGCAUUAUGACACCUGGGA--AAGACUAGGGGA 154
MBFV-NC_032088.1 -NNNNNNNN--UACCGCAAAACAA-AACAGCAUUAUGACACCUGGGA--UAGACUAGGAGA 154
MBFV-NC_000943.1 -NNNNNNNAA--AAGCAUCAAAACACAGCAUUAUGACACCUGGGAA-AAGACUAGGAGA 155
MBFV-NC_007580.2 -NNNNNNNCCGUUAAAC-GCAA-CAACAGCAUUAUGACACCUGG--A-AAGAC-AGGAGA 153
MBFV-NC_001437.1 -NNNNNNNN--CAUUAUG--ACACCUGGGAA-UAGACUUGGAGAA 137
MBFV-NC_012735.1 -NNNNNNNCCGAGCACACAUAG-C-GGACCAUUAUGACGCCAGGGA--AAGACCGGAGAC 155
MBFV-NC_008719.1 -NNNNNNNCCGAGCAC-UUAUG-C-GGACCAUUAUGACGCCUGGGA--AAGACCGGAGAC 154
MBFV-NC_002031.1 -NNNNNNNN--AGGGAACAAUAG-UGGGACCAUUAUGACGCCAGGGA--AAGACCGGAGUG 155
20.....130.....140.....150.....160.....170.....1



MBFV-NC_035889.1 UCCAUGAGUUUCC----- 167
MBFV-NC_012532.1 UCCAUGAGUUUCC----- 167
MBFV-NC_002640.1 CCUGCUGUCUCUG----- 167
MBFV-NC_001477.1 CCUGCUGUCUCUA----- 167
MBFV-NC_001475.2 CCUGCUGUCUCCU----- 167
MBFV-NC_001474.2 CCUGCUGUCUCCU----- 167
MBFV-NC_012533.1 UCUGUUGGCUUUC----- 167
MBFV-NC_009026.2 UUGCUGGCCUCG-C----- 167
MBFV-NC_009028.2 UCCUCUGCUUUC-C----- 167
MBFV-NC_040776.1 CCCUCUGCUCUG-C----- 167
MBFV-NC_006551.1 UCUUCUGCUCU----- 167
MBFV-NC_001563.2 UCUUCUGCUCUG-C----- 167
MBFV-NC_009942.1 UCUUCUGCUCUG-C----- 167
MBFV-NC_012534.1 CCCUCUGUCCUA-A----- 167
MBFV-NC_015843.2 CCCUCUGUCCUA-A----- 167
MBFV-NC_034151.1 CCCUCUGCUUUAU-U----- 167
MBFV-NC_009029.2 UUGCUGCUCUG-G----- 167
MBFV-NC_032088.1 UCCGCUGCUCUG-G----- 167
MBFV-NC_000943.1 UCUUCUGCUCUA----- 167
MBFV-NC_007580.2 UCCCUGCUUUUUC----- 167
MBFV-NC_001437.1 UCUUCUGCUCUAUCUCAACAUCAGCUACUA 167
MBFV-NC_012735.1 ACUCCUUGAUUC----- 167
MBFV-NC_008719.1 ACUCCUUGAUUC----- 167
MBFV-NC_002031.1 GUUCUCUGCUU-U----- 167
80.....190.....200.....

