

MBFV-NC_012532.1 AAC-----AGGUUU-----AAUUUGGAUUUGGAAACGAGAGUUUCUGG--UCAUGAAAA 47
MBFV-NC_035889.1 ACA-----GGUUUU-----AUUUUGGAUUUGGAAACGAGAGUUUCUGG--UCAUGAAAA 47
MBFV-NC_012533.1 AAC-----AGUUUU-----CGUGUUGAGAAAGAAAACGAGAUUCUCGG--AAAUGAAAA 47
MBFV-NC_002640.1 -----UCUAACAGUUUGUUUGAAUAGAGAGCAG-AUCUCUGGAAAAAUG---A 44
MBFV-NC_001477.1 ACG-----UAGUUCUAACAGUUU-UUU-AUUAGAGAGCAG-AUCUCUG-----AUGAACA 47
MBFV-NC_001475.2 ACG-----UAGUGCAGACAGUUU-UUU-AUUAGAGAGCAG-AUCUCUG-----AUGAACA 47
MBFV-NC_001474.2 -CG-----UAGUUCUAACAGUUU-UUUAAUUAGAGAGCAG-AUCUCUG-----AUGAAUA 47
MBFV-NC_034151.1 -----UAACACAGUGUGAAUAGUUUUUUUGAACAGAGGUGAAAAACC-----AUGUCU- 46
MBFV-NC_009028.2 U--U-----UAACACAGUCUGAAUAGUUUUUUAGCA-AGGGA-UUUCCT-----AUGUCU- 46
MBFV-NC_001563.2 U--U-----UAACACAGUCUGAAUAGUUUUUUAGCA-GAGGU-ACUACC-----AUGUCU- 46
MBFV-NC_009942.1 A--U-----UAACACAGUGCGAGCUGUUUCUUGGCACGAAGA-UCUC-G-----AUGUCU- 46
MBFV-NC_007580.2 A--U-----UAACACAGUGCGAGCUGUUUCUUGGCACGAAGA-UCUC-G-----AUGUCU- 46
MBFV-NC_012534.1 ---U-----AACUUGACUGCGAACAGUUUUUUAGCA-GGGAUUUACCCA-----AUGUCU- 46
MBFV-NC_015843.2 CCGU----AAACACAGUUUGAACGUUUUUUGGAGA-----GAGAUUAUU-----AUGUUUA 47
MBFV-NC_000943.1 ACGU----AAACACAGUUUGAACGUUUUUUGGAUA-----GAGACAACU-----AUGUCUA 47
MBFV-NC_006551.1 -----UAACCGGGUUUGAACAGUUUUUUGGAGCUUUUGAUUUCAA-----AUGUCU- 46
MBFV-NC_001437.1 ---U-----UAACACAGUGCCGGCAGUUUCUUUGAGC-GUUGAUUUUCA-----AUGUCU- 46
MBFV-NC_009026.2 ---U-----UAGUGCAGUUUAAACAGUUUUUUAGAACGGAAGAUAAACC-----AUGACU- 46
MBFV-NC_009029.2 -----AGAAAAGUUUUCGAGGAAAGACGAGAAGCGAA-UUCUCUG---AAUGGCU- 46
MBFV-NC_032088.1 UGAUUACAUAACACAGUGUGAACAGUUUUUUUGAACAG---CA-----AUGACC- 46
MBFV-NC_012735.1 UC-----UAUAACUCAGUGUGAACAAAGUUUUUUGAUCAGUGGAUA-----AUGACU- 46
MBFV-NC_008719.1 -----UUUCUACUG-AAAGGAGUAGAAGAAAGGAGAUUCAUUCCTCAAUGGCCA 47
MBFV-NC_002031.1 -----AUUUCUACUGAAAGGGUAGAGAA--AAGGAGUUUGCUUUCUACUGGCCA 47
MBFV-NC_018705.3 -----UAAUGUUCGUUGAGC--GAUUAGCAGAGAACUACCAUGCAUGUC 45
MBFV-NC_003690.1 CCGU----AAACACAGUUUGAACGUUUUUUGGAGAGAGACUACU-----AUGUCA 47
MBFV-NC_005062.1 GUGUUGAGAAAAA-----GACAGCUUAGGAGAACAAAGAGCUGGGA-----AUGGCC 47
MBFV-NC_027709.1 GUGUUGAGAAAAA-----GACAGCUUAGGAGAACAAAGAGCUGGGG-----AUGGCC 47
MBFV-NC_001672.1 GUGUUGAGAAAAA-----GACAGCUUAGGAGAACAAAGAGCUGGGG-----AUGGCA 47
MBFV-NC_001809.1 GUGUUGAGAAAAA-----GACAGCUUAGGAGAACAAAGAGCUGGGG-----AUGGCA 47
MBFV-NC_003687.1 -----AGAAAAA-----GACAGCUUAGGAGAACAAAGAGCUGGGAGUGGUUAUG--- 43
.....10.....20.....30.....40.....50.....6



MBFV-NC_012532.1 ACCCCA-AAGAAGAAAAU--CC---GGAGGA-UCCGGAUUGUCAAUAUGCUAAAACGCGGA 100
MBFV-NC_035889.1 A-CCCA-AAAAAGAAAU--CC---GGAGGAUUCGGAUUGUCAAUAUGCUAAAACGCGGA 100
MBFV-NC_012533.1 --CCCA-AAAAAGG-----GCCGCAUCGCGGCCUAUCAAUAUGCUGAAGCGCUUU 94
MBFV-NC_002640.1 A--CCA-ACGAAAAAAG--GU---G--GUUAGACCACCUUUCAAUAUGCUGAAACGCGAG 94
MBFV-NC_001477.1 A--CCA-ACGAAAAAAG--AC---G--GGUCGACCGUCUUUCAAUAUGCUGAAACGCGCG 97
MBFV-NC_001475.2 A--CCA-ACGGAAGAAG--AC---G--GGAAAACCGUCUAUCAAUAUGCUGAAACGCGUG 97
MBFV-NC_001474.2 A--CCA-ACGGAAAAAAG--GC---G--AAAAACACGCCUUUCAAUAUGCUGAAACGCGAG 97
MBFV-NC_034151.1 --AAAA-AACCAGGAGGACCC--GGAAAGAACC GG GUCGUUAAUAUGCUGAAGCGCACA 100
MBFV-NC_009028.2 --AAAA-AACCAGGAAAGUCC--GCUGCAAAGCGGACUGUCAAUAUGCUAAAACGCCUG 100
MBFV-NC_040776.1 --AAAA-AACCAGGAGGACCC--GCCGGAAGGCGGGUUGUCAAUAUGCUGAAACGCCCA 100
MBFV-NC_001563.2 --AAGA-AACCAGGAGGGGCC--GGUAAAAACC GG GUCGUUAAUAUGCUGAAACGCGGU 100
MBFV-NC_009942.1 --AAGA-AACCAGGAGGGGCC--GGCAAGAGCC GG GUCGUUAAUAUGCUGAAACGCGGA 100
MBFV-NC_007580.2 --AAAA-AACCAGGAAAAACC--GGUAGAAAACC GG GUCGUUAAUAUGCUGAAACGCGGC 100
MBFV-NC_012534.1 ACAAAA-AACCAGGAAAAACC--GGGGCAACCC GG GUUGUCAAUAUGCUAAAGCGCGGU 103
MBFV-NC_015843.2 ACAAAA-AACCAGGAAGACCC--GGCUCAGGCGGGGUUGUCAAUAUGCUAAAGCGCGGA 103
MBFV-NC_000943.1 --AAAA-AACCAGGAGGACCC--GGGAAGCCCGGGUUGUCAAUAUGCUAAAACGCGGC 100
MBFV-NC_006551.1 --AAGA-AACCAGGAGGGGCC--GGAAGAAAACC GG GCUUUCAAUAUGCUGAAACGCGGC 100
MBFV-NC_001437.1 --AAAA-AACCAGGAGGGGCC--GGUAAAAACC GG GCUUUCAAUAUGCUGAAACGCGGC 100
MBFV-NC_009026.2 --AGAA-AACCAGGAAGACCC--GGAGGAAAACC GG GUCGUUAAUAUGCUGAAAGCGUAC 100
MBFV-NC_009029.2 --AAAA-AACCAGGAAGGCC--GGUAGAAAACC GG GCUUUCAAUAUGCUGAAAGCGCGGU 100
MBFV-NC_032088.1 --AAAA-AACCAGGAAAGUCC--GGCAAUCGUCGGACUGUCAAUAUGCUAAAGCGCGGA 100
MBFV-NC_012735.1 CAAAGG-GGAUGAAUAAGUCUCGGGCUCGUAUCCCGAGGCGUCAAUAUGGUA--GCGGCUA 104
MBFV-NC_008719.1 CAAGAG-GAGCAAGCAAGUCUCGGGUCACGACCCGGGGCGUCAAUAUGGUG--ACGGCCA 104
MBFV-NC_002031.1 -----UGGUCGUAAAGCUCAGGGA AAA ACCCUGGGCGUCAAUAUGGUA--CGACGA 94
MBFV-NC_018705.3 ACAAAA-AACCAGGAAGACCC--GGGGCAACCC GG GUUGUCAAUAUGCUAAAGCGCGGC 103
MBFV-NC_003690.1 GGAAGGCCGUUCUAAAAGGAAAGGGGGGGGGUCCCCUCGACGAGCGUCGAAAGUGGCC 107
MBFV-NC_005062.1 GGAAGGCCUUCUGAAAGGAAAGGGGGGGGGUCCCCUCGACGAGUGUCGAAAGAGACCG 107
MBFV-NC_027709.1 GGAAGUCCAUCCUGAAAGGUAAGGGGGGGCGGUCCCCUCGACGAGUGUCGAAAGAGACCG 107
MBFV-NC_001672.1 AGAAGGCCAUCCUGAAAGGUAAGGGGGGGCGGUCCCCUCGACGAGUGUCGAAAGAGACCG 107
MBFV-NC_001809.1 GGAAGACCAUCCUGAAAGGUAAGGGGGGGCGGUCCCCUCGACGAGUGUCGAAAGAGACCG 107
MBFV-NC_003687.1 --AUGACCACUUCUAAAAGGAAAGGGGGGGCGGUCCCCUAGGC CAAGCUUAAAGUGACCG 101
0.....70.....80.....90.....100.....110.....1



MBFV-NC_012532.1 GUAGCCCGUG-----NNNNNNNN-----GUUAGAGGAGACCCCCCGGAAAACGC AAA 146
MBFV-NC_035889.1 GUAGCCCGUG-----NNNNNNNN-----UUAGAGGAGACCCCCCGGAAAACGC AAA 145
MBFV-NC_012533.1 GGAUCUAGCGCUGGCCNNNNNNNN-----AGACCCCGCGCCCAUAACCAACAUAAA 146
MBFV-NC_002640.1 AGAAACCGCGUAUCAANNNNNNNNNC--UAGAGGUUAGAGGAGACCCCCCAACA--CAAAA 150
MBFV-NC_001477.1 AGAAACCGCGUGU--NNNNNNNN--AGAGGUUAGAGGAGACCCCCCGCACACAACA 150
MBFV-NC_001475.2 AGAAACCGUGUGU--NNNNNNNNC--UAGAGGUUAGAGGAGACCCCCCG--CAAAUAAAA 150
MBFV-NC_001474.2 AGAAACCGCGUGU--NNNNNNNN--UAGAGGUUAGAGGAGACCCCCCG--CGAAACAAAA 150
MBFV-NC_034151.1 UCCCGCGCUA-----NNNNNNNN-----GACCCCUUGGCAGUGAAC-GCAA-UAAAA 145
MBFV-NC_009028.2 GCUAGCGUGU-----NNNNNNNN--GGAGACCCUCAGCAC-CAAGCGCGAA--ACAA 148
MBFV-NC_040776.1 GCCACGCUUU-----NNNNNNNN--GGAGACCCUUGGCACACAAAGCGCAA--GACAA 149
MBFV-NC_001563.2 AUGCCCCGCG-----NNNNNNNN--GGAGACCCCGUGCCA-AAAACACCA-A-AAGAA 148
MBFV-NC_009942.1 AUGCCCCGCG-----NNNNNNNN--GAGACCCCGUGCCACAAAACACCACA-ACAAA 148
MBFV-NC_007580.2 GUAUCCCGCG-----NNNNNNNNUAGAGGAGACCCCUUGCCGUUACGC-----AAACA 148
MBFV-NC_012534.1 GCAUCCC-----NNNNNNNN--GAGACCCCUUGCGAGUUAACACCAAA-ACAAA 148
MBFV-NC_015843.2 ACGUCCC-----NNNNNNNN--GGAGACCCCUUGCGAGUGAACACCACA-A-GAA 148
MBFV-NC_000943.1 AUACCCCGCG-----NNNNNNNN-----ACCCACUCUCAAAGCAUC-AA-AA-CA 142
MBFV-NC_006551.1 AUACCCCGCG-----NNNNNNNN-----CCCCCAUCAUAAGCAUCAA-A--AA 141
MBFV-NC_001437.1 CUACCCCGCG-----NNNNNNNN-----AGAGGAGACCCCGCAUUUGCAUC-A--A 142
MBFV-NC_009026.2 GCGGCCAACG-----NNNNNNNNCCCUUGGCAAAACAGUUAACGCA--CCAA-AAGAA 149
MBFV-NC_009029.2 GCGUCCCGCG-----NNNNNNNNAGG--AGACCCUCCCAAGGAAGCGCAAAACAAAA 152
MBFV-NC_032088.1 GCAUCCCGCG-----NNNNNNNNGAGGUUAGAGGAGACCCCCACAUACCGCAA-ACAAA 153
MBFV-NC_012735.1 GA-----GUGANNNNNNNN-----CCAUUCCCUCCGAGCACACAUAGC- 142
MBFV-NC_008719.1 AG-----GCCANNNNNNNN-----AGGAGACCCUCCGAGCAC-UUAGGC- 142
MBFV-NC_002031.1 GGAGUUCGCUCCUUGUNNNNNNN-----AGACCCUCCAGGGAACAAAUAGUG 141
MBFV-NC_018705.3 GCAUCCC-----NNNNNNNNCCCGCGGAAAUCAAAGCAAGGCCCAACCUG--GCAA 152
MBFV-NC_003690.1 CAA-----NNNNNNNNUCUCUUCAGGAUUAUUUCCUCCUCCU----- 142
MBFV-NC_005062.1 CUA-----NNNNNNNNUCUCUUCAGGAUUAUUUCCUCCUCCU----- 142
MBFV-NC_027709.1 CAA-----NNNNNNNNUCUCUUCAGGAUUAUUUCCUCCUCCU----- 142
MBFV-NC_001672.1 CAA-----NNNNNNNNUCUCUUCAGGAUUAUUUCCUCCUCCU----- 142
MBFV-NC_001809.1 CGA-----NNNNNNNN-CUCUUCAGGGUUAUUUCCUCCUCCU----- 141
MBFV-NC_003687.1 CAAUAAGU-----NNNNNNNNU-UCCUCGGGAUUAUUUCCGCUCCU----- 141
20.....130.....140.....150.....160.....170.....1



MBFV-NC_012532.1 ACAGCAUAUUGACG--UGGGAA--AGACCAG-AGACUCCAUGAGUUUCCACCACG CUGGC 201
MBFV-NC_035889.1 ACAGCAUAUUGACG-CUGGGAA--AGACCAG-AGACUCCAUGAGUUUCCACCACG CUGGC 201
MBFV-NC_012533.1 ACAGCAUAUUGACACCUGGGAA--AGACCGG-AGACUCUGUUGGCUUCCCCAC CAGC 203
MBFV-NC_002640.1 ACAGCAUAUUGACG-CUGGGAA--AGACCAG-AGAUCUCGCG-UCUCUGCAACAUC AU 205
MBFV-NC_001477.1 ACAGCAUAUUGACG-CUGGGAG--AGACCAG-AGAUCUCGCG-UCUCUACAGCAUC AU 205
MBFV-NC_001475.2 ACAGCAUAUUGACG-CUGGGAG--AGACCAG-AGAUCUCGCG-UCUCCUCAGCAUC AU 205
MBFV-NC_001474.2 ACAGCAUAUUGACG-CUGGGAA--AGACCAG-AGAUCUCGCG-UCUCCUCAGCAUC AU 205
MBFV-NC_034151.1 ACAGCAUAUUGACACCUGGGAU--AGACUGGGAGACCCUCUGCUU-AUUUCAAC CAGC 202
MBFV-NC_009028.2 ACAGCAUAUUGACGCCUGGGAA--AGACCGGGAGACCCUCUGCU--UUCCAACC CAGC 203
MBFV-NC_040776.1 ACAGCAUAUUGACACCUGGGAA--AGACCGGGAGACCCUCUGCU--CUGCAACACC CAGC 204
MBFV-NC_001563.2 ACAGCAUAUUGACACCUGGGAU--AGACUAGGGGAUCUUCUGCU--CUGCACAACC CAGC 203
MBFV-NC_009942.1 ACAGCAUAUUGACACCUGGGAU--AGACUAGGGAUCUUCUGCU--CUGCACAACC CAGC 203
MBFV-NC_007580.2 ACAGCAUAUUGACACCUGGAAA--GACAGGAGAUCCCCUGCUU--UUUCAACC CAGC 202
MBFV-NC_012534.1 ACAGCAUAUUGACACCUGGGAG--AGACUAGGAGACCCUCUGUCC--UAACAACC CAGC 204
MBFV-NC_015843.2 ACAGCAUAUUGACACCUGGGAU--AGACUAGGAGACCCUCUGUCC--UAACAACC CAGC 204
MBFV-NC_000943.1 ACAGCAUAUUGACACCUGGGAA-AAGACUAGGGAUCUUCUGCUUAUCCAACAUC AGU 201
MBFV-NC_006551.1 ACAGCAUAUUGACACCUGGGAAUAGACUAGGAGAUUCUUCUGCUCUAUCCAACAUC AAC 201
MBFV-NC_001437.1 ACAGCAUAUUGACACCUGGGAAU-AGACUGGGGAGAUUCUGCUCUAUCUCAACAUC AGC 201
MBFV-NC_009026.2 ACAGCAUAUUGACACCUGGGAA--AGACCGGAGAAUUUGCGCC--UCGCAACC CUC 204
MBFV-NC_009029.2 ACAGCAUAUUGACACCUGGGAU--AGACUAGGGGAUUUGUGCU--CUGGAUCC CCGC 207
MBFV-NC_032088.1 ACAGCAUAUUGACACCUGGGAU--AGACUAGGAGAUCCGUGCU--CUGGAACCCC CAG- 207
MBFV-NC_012735.1 GGACCAUAUUGACGCCAGGGAAAGACCGGAGACUCCUUGAUUUCACUUUCUG CCCC 202
MBFV-NC_008719.1 GGACCAUAUUGACGCCUGGGAAAGACCGGAGACUCCUUGAUUUCACUUUCUC ACCC 202
MBFV-NC_002031.1 GGACCAUAUUGACGCCAGGGAAAGACCGGAGUGGUUCUCUGCUUUUCCUCCAG AGGUC 201
MBFV-NC_018705.3 GCUGUAAACCAGGGGAAGGACUAGAGGUUAGAGGAGACCCUUG-----CGAGU 201
MBFV-NC_003690.1 AUACCAAA-UUCCCCCUCGUCA-GAGGGGGGGCGGUUCUUGUUCUCCUCCUGAG CCACCAUC 200
MBFV-NC_005062.1 AUACCAAA-UUCCCCCUCAUUC-GAGGGGGGGCGGUUCUUGUUCUCCUCCUGAG CCACCAUC 200
MBFV-NC_027709.1 AUACCAAA-UUCCCCCUCGACA-GAGGGGGGGCGGUUCUUGUUCUCCUCCUGAG CCACCAUC 200
MBFV-NC_001672.1 AUACCAAA-UUCCCCCUCGUA-GAGGGGGGGCGGUUCUUGUUCUCCUCCUGAG CCACCAUC 200
MBFV-NC_001809.1 AUACCAAA-UUCCCCCUCGGA-GAGGGGGGGCGGUUCUUGUUCUCCUCCUGAG CCACCAUC 200
MBFV-NC_003687.1 AUACUAAAUUCCCCCAGGAAA-CUGGGGGGGCGGUUCUUGUUCUCCUCCUGAG CCACCAUC 200
80.....190.....200.....210.....220.....230.....2



MBFV-NC_012532.1 -CGCCAGG 208
MBFV-NC_035889.1 -CGCCAGG 208
MBFV-NC_012533.1 -CCCC--U 208
MBFV-NC_002640.1 -CC---A 208
MBFV-NC_001477.1 -CC---A 208
MBFV-NC_001475.2 -CC---A 208
MBFV-NC_001474.2 -CC---A 208
MBFV-NC_034151.1 -CACUC-G 208
MBFV-NC_009028.2 -CACUA-- 208
MBFV-NC_040776.1 -CACU--- 208
MBFV-NC_001563.2 -CACAC-- 208
MBFV-NC_009942.1 -CACAC-- 208
MBFV-NC_007580.2 -CACAA-G 208
MBFV-NC_012534.1 -CAUC--- 208
MBFV-NC_015843.2 -CACU--- 208
MBFV-NC_000943.1 -CACAAG 208
MBFV-NC_006551.1 -CACAAG 208
MBFV-NC_001437.1 -UACUAG 208
MBFV-NC_009026.2 -CACC--- 208
MBFV-NC_009029.2 -U----- 208
MBFV-NC_032088.1 -U----- 208
MBFV-NC_012735.1 -UAAA-GC 208
MBFV-NC_008719.1 -UAAA-GC 208
MBFV-NC_002031.1 -UGAGCAC 208
MBFV-NC_018705.3 -GAACACC 208
MBFV-NC_003690.1 ACCUAGAC 208
MBFV-NC_005062.1 ACCCAGAC 208
MBFV-NC_027709.1 ACCCAGAC 208
MBFV-NC_001672.1 ACCCAGAC 208
MBFV-NC_001809.1 ACCCAGAC 208
MBFV-NC_003687.1 AUCCAGGC 208
40.....

