

MBFV-NC_009028.2 U---U---UAACACAGUCUGAAUAGUUUUUU-AGCAAGGGA-UUUCCEAUGUCU---AAA 49
MBFV-NC_040776.1 U---U---UAACACAGUCUGAAUAGUUUUUU-AGCAGAGGU-ACUACCAUGUCU---AAA 49
MBFV-NC_034151.1 -----UAACACAGUGUGAAUAGUUUUUUAACACAGAGGUGAAAACCAUGUCU---AAA 49
MBFV-NC_001563.2 A--U---UAACACAGUGCGAGCUGUUUCUUGGCAC-GAAGAUCUC-GAUGUCU---AAG 49
MBFV-NC_009942.1 A--U---UAACACAGUGCGAGCUGUUUCUUAAGCAC-GAAGAUCUC-GAUGUCU---AAG 49
MBFV-NC_000943.1 -----UAACCGGUUUGAAGACAGUUUUUUUGGAGCUUUUGAUUUCAAUGUCU---AAA 49
MBFV-NC_006551.1 ---U---UAACACAGUGCCGGCAGUUUCUUGAGC-GUUGAUUUCAAUGUCU---AAG 49
MBFV-NC_001437.1 ---U---UAGUGCAGUUUAACAGUUUUUUAGAACGGAAGAUAAAC-AUGACU---AAA 49
MBFV-NC_007580.2 ---U---AACUUGACUGCGAACAGUUUUUUAGCAGGGAAU-UACCCAAUGUCU---AAA 49
MBFV-NC_012534.1 CCGU---AAACACAGUUUGAAC-GUUUUUUGGAGAGAGAUAAU---AUGUUUAACAAA 52
MBFV-NC_015843.2 ACGU---AAACACAGUUUGAAC-GUUUUUUGGAUAGAGACAACU---AUGUCUAACAAA 52
MBFV-NC_009029.2 UGAUUACAUAACACAGUGUGAACAAAGUUUUUUGAACAG---C---AAUGACC---AAA 49
MBFV-NC_032088.1 UC-----UAUAACUCAGUGUGAACAGUUUUUUUGAUCAGUGGAU---AAUGACU---AAA 49
MBFV-NC_009026.2 AG-----AAAAGUUUUCGAGGAAAGACGAGAAGCGAAUUCUCUG-AAUGGCU---AGA 49
MBFV-NC_012532.1 AACAGGUUU-----AAUUGGAUUUGGAAACGAGAG-UUUCUGGUCUAUGAAAAACCCC 52
MBFV-NC_035889.1 ACAGGUUUU-----AUUUUGGAUUUGGAAACGAGAG-UUUCUGGUCUAUGAAAAA-CCC 51
MBFV-NC_012533.1 AACAGUUUU-----CGUGUUGAGAAAGAAAACAGAU-UCUUCGGAAAUGAAAAA-CCC 50
MBFV-NC_001474.2 -CGUAGUUCUA-ACAGUUU-UUUAAUUAGAGAGCAGAUCUCUG-----AUGAAUAA--CC 50
MBFV-NC_001477.1 ACGUAGUUCUA-ACAGUUU-UUU-AUUAGAGAGCAGAUCUCUG-----AUGAACAA--CC 50
MBFV-NC_001475.2 ACGUAGUGCUG-ACAGUUU-UUU-AUUAGAGAGCAGAUCUCUG-----AUGAACAA--CC 50
MBFV-NC_002640.1 -----UCUA-ACAGUUUGUUUGAAUAGAGAGCAGAUCUCUGGAAAAAUG---AA--CC 47
MBFV-NC_002031.1 UAAUCGUUCGUUGAGCGAUUAGCAG-----AGAACUGAC-CAGAACAUUGC----- 45
MBFV-NC_012735.1 -UUUCUACUGAAAGGAGUAGAAGAA-----AGGAGAUUCAUUCCEAAUGGCAACAAG 52
MBFV-NC_008719.1 AUUUCUACUGAAAGG-GUAGAGAAA-----AGGAGUUUUGCUUCUCAUGGCAACAAGA 52
MBFV-NC_018705.3 CCGUA---AACACAGUUUGAACGUUUUUUGGAGAGAGACUACU---AUGUCAACAAA 52
.....10.....20.....30.....40.....50.....6



MBFV-NC_009028.2 AAACCAGGAAAGUCC---GCUGCAAAGCGGACUGUCAAUUUGCUAAAACGCCUGGCUAGC 106
MBFV-NC_040776.1 AAACCAGGAGGACCC---GCCGGAAGGCGGGUUGUCAAUUUGCUAAAACGCCCAGCCAGC 106
MBFV-NC_034151.1 AAACCAGGAGGACCC---GGAAAGAACCCTGGGUCGUUAAUUGCUAAGCGCACAUCCCGC 106
MBFV-NC_001563.2 AAACCAGGAGGGCCC---GGUAAAAACCTGGGUCGUCAAUUUGCUAAAACCGCGUAUGCCC 106
MBFV-NC_009942.1 AAACCAGGAGGGCCC---GGCAAGAGCCTGGGUCGUCAAUUUGCUAAAACCGGGAUAGCCC 106
MBFV-NC_000943.1 AAACCAGGAGGACCC---GGGAAGCCCCTGGGUCGUCAAUUUGCUAAAACCGCGCAUACCC 106
MBFV-NC_006551.1 AAACCAGGAGGGCCC---GGAAGAAACCTGGGCCAUCAAUUUGCUAAAACCGCGCAUACCC 106
MBFV-NC_001437.1 AAACCAGGAGGGCCC---GGUAAAAACCTGGGCUAUCAAUUGCUAAAACCGCGCCUACCC 106
MBFV-NC_007580.2 AAACCAGGAAAACCC---GGUAGAAAACCTGGGUUGUCAAUUUGCUAAAACCGCGCGUAUCC 106
MBFV-NC_012534.1 AAACCAGGAAAACCC---GGGGCAACCTGGGUUGUCAAUUUGCUAAAAGCGCGGUGCAUCC 109
MBFV-NC_015843.2 AAACCAGGAAGACCC---GGCUCAGGCTGGGUUGUCAAUUUGCUAAAAGCGCGGAACGUC 109
MBFV-NC_009029.2 AAACCAGGAAGGCC---GGUAGAAAACCTGGGCCGUCAAUUUGCUAAAAGCGCGGUGCGUCC 106
MBFV-NC_032088.1 AAACCAGGAAAGUCC---GGCAAUCGUCGAGCUGUCAAUUUGCUAAAAGCGCGGAGCAUCC 106
MBFV-NC_009026.2 AAACCAGGAAGACCC---GGAGGAAACCTGGGUCGUCAAUUUGCUAAAAGCGUACGGCGGCC 106
MBFV-NC_012532.1 AAAGAAGAAAU---CC---GGAGGA-UCCGGAUUGCUAAUUGCUAAAACCGGGAUAGCC 106
MBFV-NC_035889.1 AAAAAAGAAAU---CC---GGAGGAUUCGGAUUGCUAAUUGCUAAAACCGCGGAGUAGCC 106
MBFV-NC_012533.1 AAAAAAGG-----GCCGCAUCGCGGCCUUAUAAUUGCUAAGCGCUUUGGAUCU 100
MBFV-NC_001474.2 AACGGAAAAAG---GC---G---AAAAACACGCCUUUCAAUUUGCUAAAACCGGAGAGAAC 103
MBFV-NC_001477.1 AACGGAAAAAG---AC---G---GGUCGACCGUCUUUCAAUUUGCUAAAACCGCGGAGAAC 103
MBFV-NC_001475.2 AACGGAAAGAAG---AC---G---GGAAAACCGUCUAUCAAUUGCUAAAACCGGUGAGAAC 103
MBFV-NC_002640.1 AACGAAAAAAG---GU---G---GUUAGACACCCUUUCAAUUUGCUAAAACCGGAGAGAAC 100
MBFV-NC_002031.1 --UGGUCGUAAGCUCAGGAAAAACCCUGGGCGUAAUUAUGGU-A--CGCAGGAGUU 100
MBFV-NC_012735.1 GGGAUGAUAUAGUCUCGGGCUCGAUCCCGAGGCGUCAAUUUAUGGUAG---CGGCUAGA--- 106
MBFV-NC_008719.1 GGAGCAAGCAAGUCUCGGGUCACGACCCCGGGGCGUCAAUUUAUGGUGA---CGGCCAAG--- 106
MBFV-NC_018705.3 AAACCAGGAAGACCC---GGGGCAACCCGGGUUGUCAAUUUGCUAAAAGCGCGGCGCAUCC 109
0.....70.....80.....90.....100.....110.....1



MBFV-NC_009028.2 GUGU-----NNNNNNNN---GUGGAGACCCUCAGCAC-CAAGCGCGAA--ACAAACAGC 154
MBFV-NC_040776.1 GUUU-----NNNNNNNN---A-GGAGACCCCUUGGCACAAAGCGCAA-GACAAACAGC 155
MBFV-NC_034151.1 GCUA-----NNNNNNNN-----AGACCCUUGGCAGUGAA-CGCAAA-UAAAAACAGC 151
MBFV-NC_001563.2 CGCG-----NNNNNNNN---GAGGAGACCCCGUGCCA-AAAACACCA-A-AAGAAACAGC 154
MBFV-NC_009942.1 CGCG-----NNNNNNNN---GGAGACCCCGUGCCACAAAACACCACA-ACAAAACAGC 154
MBFV-NC_000943.1 CGCG-----NNNNNNNN-----GACCCACUCUCAAAAGCAUC-AA-AC--AACAGC 148
MBFV-NC_006551.1 CGCG-----NNNNNNNN-----ACCCCGCA-UCAUAAGCAUAA-AA--AACAGC 147
MBFV-NC_001437.1 CGCG-----NNNNNNNN-----UAGAGGAGACCCCGCAUUGCAUC-A---AACAGC 148
MBFV-NC_007580.2 CGCG-----NNNNNNNNUAGAGGAGACCCCUUGCCGUUAA-----GC-AAACAACAGC 154
MBFV-NC_001474.2 C-----NNNNNNNN---GGAGACCCCUUGCGAGUUAACACCAAA-ACAAAACAGC 154
MBFV-NC_015843.2 C-----NNNNNNNN---AGGAGACCCCUUGCGAGUGAACACCACA-A-GAAACAGC 154
MBFV-NC_009029.2 CGCG-----NNNNNNNNAGAGG--AGACCCUCCCAAAAGAGCGCAAAACACAAAACAGC 158
MBFV-NC_032088.1 CGCG-----NNNNNNNNAGAGGUUAGAGGAGACCCCAUUAACCGCAA-ACAAAACAGC 159
MBFV-NC_009026.2 AACG-----NNNNNNNNCCCCUUG-----GCAAAACAGUUAACGCACCAAAAGAAACAGC 155
MBFV-NC_012532.1 CGUG-----NNNNNNNN-----GGUUAGAGGAGACCCCCCGGAAAACGCAAAACAGC 152
MBFV-NC_035889.1 CGUG-----NNNNNNNN-----GUUAGAGGAGACCCCCCGGAAAACGCAAAACAGC 151
MBFV-NC_012533.1 AGCGCUGGCCNNNNNNNN-----GAGACCCCCCGGCCCAUAAACCAUUAACAGC 152
MBFV-NC_001474.2 CGCGUGU---NNNNNNNN---CUAGAGGUUAGAGGAGACCCCCC-CGAAACAAAAACAGC 156
MBFV-NC_001477.1 CGCGUGU---NNNNNNNN---UAGAGGUUAGAGGAGACCCCCCGCACAACAACAAACAGC 156
MBFV-NC_001475.2 CGUGUGU---NNNNNNNN---ACUAGAGGUUAGAGGAGACCCCCCG-CAAUUAAAAACAGC 156
MBFV-NC_002640.1 CGCGUAUCAANNNNNNNN---ACUAGAGGUUAGAGGAGACCCCCCAACA--CAAAAACAGC 156
MBFV-NC_002031.1 CGCUCCUUGUNNNNNNNNN-----GAGACCCUCCAGGGAACAAAUUAGUGGGACC 147
MBFV-NC_012735.1 -----GUGANNNNNNNN-----C-CCAUCCUCCCGAGCACACAUAG-GGACC 148
MBFV-NC_008719.1 -----GCCANNNNNNNN-----GAGGAGACCCUCCCGAGCAC-UAUAGC-GGACC 148
MBFV-NC_018705.3 C-----NNNNNNNN-----CCCCGCGGAAAUCAAAGCAAGGCCCAACCUGGC 150
20.....130.....140.....150.....160.....170.....1



MBFV-NC_009028.2 AUA-UUGACGCUGGGAA--AGACGGGGAUUCU-CUGCUC--UCCAUCACCAAGCCAC 207
MBFV-NC_040776.1 AUA-UUGACACUGGGAA--AGACGGGAGACCCU-CUGCUC--UGCAACACCAAGCCAC 208
MBFV-NC_034151.1 AUA-UUGACACUGGGAU--AGACUGGAGACCCU-CUGCUGU-UUUAACACCAAGCCAC 206
MBFV-NC_001563.2 AUA-UUGACACUGGGA--UAGACUAGGGAUUCU-CUGCUC--GCACAACCAAGCCAC 207
MBFV-NC_009942.1 AUA-UUGACACUGGGA--UAGACUAGGGAUUCU-CUGCUC--GCACAACCAAGCCAC 207
MBFV-NC_000943.1 AUA-UUGACACUGGGAA-AAGACUAGGGAUUCU-CUGCUCUAUCCAACAUCAGUCAC 205
MBFV-NC_006551.1 AUA-UUGACACUGGGAAUAGACUAGGGAUUCU-CUGCUCUAUCCAACAUCAGCCAC 205
MBFV-NC_001437.1 AUA-UUGACACUGGGAAU-AGACUGGGAUUCU-CUGCUCUAUCCAACAUCAGCUAC 205
MBFV-NC_007580.2 AUA-UUGACACUGGAAAGA---CAGGAGAUCC-CUGCUCU--UUCAACACCAAGCCAC 206
MBFV-NC_012534.1 AUA-UUGACACUGGGA--GAGACUAGGAGACCCU-CUGUCCUA--CAACACCAAGCCAU 208
MBFV-NC_015843.2 AUA-UUGACACUGGGA--UAGACUAGGAGACCCU-CUGUCCUA--CAACACCAAGCCAU 208
MBFV-NC_009029.2 AUA-UUGACACUGGGAA--AGACUAGGGAUUCU-CUGCUC--UGGACUCCCGGCU 210
MBFV-NC_032088.1 AUA-UUGACACUGGGAU--AGACUAGGGAUUCG-CUGCUC--UGGAACCCAGUUC 211
MBFV-NC_009026.2 AUA-UUGACACUGGGA--UAGACCGG-AGAAU--UGCUGUCCUCGCAACACCCUCCAC 208
MBFV-NC_012532.1 AUA-UUGACG--UGGGAA--AGACAGAGACU-CCAUGAGUUUCCACCACGUGGCCGCC 206
MBFV-NC_035889.1 AUA-UUGACG-CUGGGAA--AGACAGAGACU-CCAUGAGUUUCCACCACGUGGCCGCC 206
MBFV-NC_012533.1 AUA-UUGACACUGGGAA--AGACGGAGACUCUGUUGGCUUUC-CCACACCAAGCCCC 208
MBFV-NC_001474.2 AUA-UUGACG-CUGGGAA--AGACAGAGA-UCUUGCUGUCUC--CUCAGCAUCAUUC 208
MBFV-NC_001477.1 AUA-UUGACG-CUGGGAG--AGACAGAGA-UCUUGCUGUCUC--UACAGCAUCAUUC 208
MBFV-NC_001475.2 AUA-UUGACG-CUGGGAG--AGACAGAGA-UCUUGCUGUCUC--CUCAGCAUCAUUC 208
MBFV-NC_002640.1 AUA-UUGACG-CUGGGAA--AGACAGAGA-UCUUGCUGUCUC--UGCAACCAUCAUUC 208
MBFV-NC_002031.1 AUA-UUGACGCAGGGAA--AGACCGG-AGUGUUCUCUGCUUUUCCUCCAGAGGUCUG 203
MBFV-NC_012735.1 AUA-UUGACGCAGGGAA--AGACCGG-AGACAUCUCCUUGAUUCUACCUUUCUGGCCCU 204
MBFV-NC_008719.1 AUA-UUGACGCUGGGAA--AGACCGG-AGACAUCUCCUUGAUUCUACCUUUCUACCCU 204
MBFV-NC_018705.3 AAAGCUGUAAACACAGGGAAGGACUAGGUUAGAGGAGACCCCUUGCGAG--UGAACAC 208
80.....190.....200.....210.....220.....230.....2



MBFV-NC_009028.2 ..((((.....))).....)))))))))))))))))).....)))))) 258
MBFV-NC_040776.1 UAGGCACAGAUCCGCGC--AAGUAUGGCUUGGUGUGAA--AAACACAUUGAUUC 258
MBFV-NC_034151.1 UAGGCACAGAUCCCGCA--AAUCUGUGGUUGGUGUGCA--AAACACACGGAUCU 258
MBFV-NC_001563.2 UCGGCACAGAACGCCGU--AAGUUGGCUUGGUGUGAAAAUAAACACAAGAUUC 258
MBFV-NC_009942.1 ACGGCACAGUGCGCCGA--CAUAGUGGCUUGGUGUGC--UAGAACACAAGAUUC 258
MBFV-NC_000943.1 ACGGCACAGUGCGCCGA--CAUAGUGGCUUGGUGUGC--GAGAACACAAGAUUC 258
MBFV-NC_009451.1 AAGGCACAGAGCGCCGA--ACAUUGAGCUUGAGGGGAGAGACCACAAGAUUC 258
MBFV-NC_006551.1 AAGGCACAGAGCGCCGA--AAAUUGUGCUUGGUGGAGACAAGACCACAAGAUUC 258
MBFV-NC_001437.1 UAGGCACAGAGCGCCGA--AGUAUUGAGCUUGGUGUGAGGAAGAACACAAGAUUC 258
MBFV-NC_007580.2 AAGGCACAGAGCGCCGU--AAAGUUGGCUUGGUGUGAA--AAAUACACAAGAUUC 258
MBFV-NC_012534.1 CCGGCACAGAGCGCCGU--AAG-UGUGCUUGGUGUG--GUAGAACACAAGAUUC 258
MBFV-NC_015843.2 UUGGCACAGAUCCCGCA--AAG-UGUGCUUGGUGUG--GUAGAACACAAGAUUC 258
MBFV-NC_009029.2 UCGGCACAGAACCCGU--UGA-GGAGCCGAGGCCCAA---AACAC-CAGAUUC 258
MBFV-NC_032088.1 UAGGCACAGAACCCCG--UAA-UGAUCUGGGUGCCAA---AACAC-CAGAUUC 258
MBFV-NC_009026.2 CCGGCACAGAACCCGA--CA-UGUGGAGGGGUCGUAAGACCACAAGAUUC 258
MBFV-NC_012532.1 A-GGCACAGAUCCCGCA--ACUUCGGCGCGGUGUGGG--GAAAUCCAUGGUUCU 258
MBFV-NC_035889.1 A-GGCACAGAUCCCGCA--AUAGCGGCGCGGUGUGGG--GAAAUCCAUGGUUCU 258
MBFV-NC_012533.1 U-GGCACAGAGCGCC---AGAUUGGGGUGGUGUGGA-GAAACCAAGAGGACU 258
MBFV-NC_001474.2 A-GGCACAGAACCCAG--AAAAUGGAUUGGUGCUGU---UGAAUCAACAGGUUCU 258
MBFV-NC_001477.1 A-GGCACAGAACCCAA--AAAAUGGAUUGGUGCUGU---UGAAUCAACAGGUUCU 258
MBFV-NC_001475.2 A-GGCACAGAACCCAG--AAAAUGGAUUGGUGCUGU---UGAAUCAACAGGUUCU 258
MBFV-NC_002640.1 A-GGCACAGAGCGCCGC--AAGAUUGAUUGGUGUGU---UGAUCCAACAGGUUCU 258
MBFV-NC_002031.1 -GAGCACAGUUUGCUCAAGAAUAAAGCAGACUUUUGGAUGACAAACACAAAACCAU 258
MBFV-NC_012735.1 AAAGCACAGAUUGCUU--GAAUGCAGGCGGGGAAGUUGGAACCAACUAGUGUCU 258
MBFV-NC_008719.1 UAAGCACAGAUUGCUU--GAAUGCAGGCGGGGAAGUUGGAACCAACUAGUGUCU 258
MBFV-NC_018705.3 CACA-AAAAACAGC---AUUUUGACACUUGGGAAGAGACUAGGAGACCC-UCUGU 258
40.....250.....260.....270.....280.....290....

