

MBFV-NC_012532.1 AACAGGUUU-----AAUUUGGAUUUGGAAACGAGAG-UUUCUGGUCAUGAAAAACCCC 52
MBFV-NC_035889.1 ACAGGUUUU-----AUUUUGGAUUUGGAAACGAGAG-UUUCUGGUCAUGAAAAA-CCC 51
MBFV-NC_012533.1 AACAGUUUU-----CGUGUUGAGAAAGAAAACAGAU-UUCUUGGAAUGAAAAA-CCC 50
MBFV-NC_002640.1 -----UCUA-ACAGUUUGUUUGAAUAGAGAGCAGAUCUCUGGAAAAAUG---AA--CC 47
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_009026.2 AG-----AAAAGUUUUCGAGGAAAGAC-GAGAAGCGAAUUCUCUGAAUGGCU---AGA 49
MBFV-NC_001563.2 A--U-----UAACACAGUGCGAGCUGUUUCUUGGCACGAA--GAUCUCGAUGUCU---AAG 49
MBFV-NC_009942.1 A--U-----UAACACAGUGCGAGCUGUUUCUAGCACGAA--GAUCUCGAUGUCU---AAG 49
MBFV-NC_009028.2 U--U-----UAACACAGUCUGAAUAGUUUUUUAGCAAGGG--AUUCCCAUGUCU---AAA 49
MBFV-NC_040776.1 U--U-----UAACACAGUCUGAAUAGUUUUUUAGCAGAGG--UACUACCAUGUCU---AAA 49
MBFV-NC_034151.1 -----UAACACAGUGUGAAUAGUUUUUUAGACAGAGGUGAAACCAUGUCU---AAA 49
MBFV-NC_012534.1 CCGU----AAACACAGUUUGAAC-GUUUUUUGGAGAGA--GAUUAUUUGUUUAAACAAA 52
MBFV-NC_015843.2 ACGU----AAACACAGUUUGAAC-GUUUUUUGGAUAGA--GACAACUAGUCUAAACAAA 52
MBFV-NC_007580.2 -----U-----AAUUGACUGCGAACAGUUUUUAGCAGGGAAU-UACCCAUGUCU---AAA 49
MBFV-NC_000943.1 -----UAACGCGGUUGAACAGUUUUUUGGAGCUUUUGAUUUCAAUGUCU---AAA 49
MBFV-NC_006551.1 ---U-----UAACACAGUGCCGGCAGUUUCUUGAGC-GUUGAUUUUCAUGUCU---AAG 49
MBFV-NC_001437.1 ---U-----UAGUGCAGUUUAAACAGUUUUUAGAACGGAAGAUAAAC-AUGACU---AAA 49
UGAUUAACAUAACACAGUUGAACAAGUUUUUUGAACAG-----CAAUACC---AAA 49
MBFV-NC_009029.2 UC----UAUAACUCAGUGUGAACAAAGUUUUUUGAUCAG---UGGAUAAUGACU---AAA 49
MBFV-NC_032088.1 CCGUA----AACACAGUUUGAACGUUUUUUGGAGAGAG---ACUACUAGUCAACAAA 52
MBFV-NC_018705.3 UAAUCGUUCGUUGAGCGAUUAGCA-----GAGAACUGAC-CAGAACAUGUC----- 45
MBFV-NC_002031.1 -UUUCUACUGAAAGGAGUAGAAGA-----AAGGAGAUUCAUCCCAAUGGGCAACAAAG 52
MBFV-NC_012735.1 AUUUCUACUGAAAGG-GUAGAGAA-----AAGGAGUUUUGCUUCUCAUGGGCAACAAGA 52
MBFV-NC_008719.110.....20.....30.....40.....50.....6



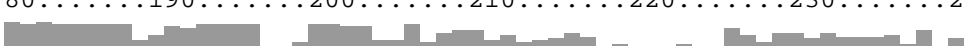
.....(((((((.....((((((((((((((((((((.....
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MBFV-NC_035889.1 AAAAAAGAAAU--CC---GGAGGAUUCGGAUUGUCAAAUUGCUAAAACGCGGAGUAGCC 106
MBFV-NC_012533.1 AAAAAAGG-----GCCGCAUCGCGGCCUAUCAAAUUGCUGAAGCGCUUUGGAUCU 100
MBFV-NC_002640.1 AACGAAAAAG--GU---G--GUUAGACACCUUUCAAAUUGCUGAAACGCGAGAGAAAC 100
MBFV-NC_001474.2 AACGAAAAAG--GC---G--AAAACACGCUUUCAAAUUGCUGAAACGCGAGAGAAAC 103
MBFV-NC_001477.1 AACGAAAAAG--AC---G--GGUCGACCGUCUUUCAAAUUGCUGAAACGCGCGAGAAAC 103
MBFV-NC_001475.2 AACGGAAGAAG--AC---G--GGAAAAACGUCUAUCAAAUUGCUGAAACGCGUGAGAAAC 103
MBFV-NC_009026.2 AAACCAGGAAGACCC--GGAGGAAACCGGGUCGUCAAAUUGCUAAAGCGUACGGCGGCC 106
MBFV-NC_001563.2 AAACCAGGAGGGGCC--GGUAAAAACCGGGCUGUCAAAUUGCUAAAACGCGGUAUGCCC 106
MBFV-NC_009942.1 AAACCAGGAGGGGCC--GGCAAGAGCCCGGGCUGUCAAAUUGCUAAAACGCGGAUUGCCC 106
MBFV-NC_009028.2 AAACCAGGAAGUCC--CGUGCAAAGCGGACUGUCAAAUUGCUAAAACGCCUGGCUAGC 106
MBFV-NC_040776.1 AAACCAGGAGACCC--CCCGGAAGGCGGGUUGUCAAAUUGCUGAAACGCCCAGGCCAGC 106
MBFV-NC_034151.1 AAACCAGGAGGACCC--GGAAAGAACC GGUGUCGUAAAUUGCUGAAGCGCACAUCCCGC 106
MBFV-NC_012534.1 AAACCAGGAAAAACC--GGGCAACCCCGGGUUGUCAAAUUGCUAAAGCGCGGUGCAUCC 109
MBFV-NC_015843.2 AAACCAGGAAGACCC--GGUCAGGCGGGUUGUCAAAUUGCUAAAGCGCGGAACGUCC 109
MBFV-NC_007580.2 AAACCAGGAAAAACC--GGUAGAAACC CGGUUGUCAAAUUGCUAAAACGCGGCGUAUCC 106
MBFV-NC_000943.1 AAACCAGGAGGACCC--GGGAAGCCCCGGGUCGUCAAAUUGCUAAAACGCGGCAUACCC 106
MBFV-NC_006551.1 AAACCAGGAGGGCCC--GGAAGAAACCGGCCUAUCAAAUUGCUGAAACGCGGCAUACCC 106
MBFV-NC_001437.1 AAACCAGGAGGGGCC--GGUAAAAACCGGGCUAUCAAAUUGCUGAAACGCGGGCCUACCC 106
MBFV-NC_009029.2 AAACCAGGAAGGCC--GGUAGAAAUCGGGCCGUCAAAUUGCUAAAGCGCGGUGCGUCC 106
MBFV-NC_032088.1 AAACCAGGAAGUCC--GGCAAUCGUGGACUGUCAAAUUGCUAAAGCGCGGAGCAUCC 106
MBFV-NC_018705.3 AAACCAGGAAGACCC--GGGGCAACCCGGGUUGUCAAAUUGCUAAAGCGCGGCGCAUCC 109
MBFV-NC_002031.1 --UGGUCGUAAAGCUCAGGGAAAAACC CUGGGCGUCAAAUUGGU--A--CGACGAGGAGUU 100
MBFV-NC_012735.1 GGGAUGAAUAAGUCUCGGCUCGAUCCCGAGGCGUCAAAUUGGUAG--CGGCUAAG---- 106
MBFV-NC_008719.1 GGAGCAAGCAAGUCUCGGGUCACGACCCGGGGCGUCAAAUUGGUGA--CGGCCAAG--- 106
0.....70.....80.....90.....100.....110.....1



.....)))))))))
MBFV-NC_012532.1 CGUG-----NNNNNNNN-----GGUUAGAGGAGACCCCCCGGAAAACGCAAAACAGC 152
MBFV-NC_035889.1 CGUG-----NNNNNNNN-----GUUAGAGGAGACCCCCCGGAAAACGCAAAACAGC 151
MBFV-NC_012533.1 AGCGCUGGCCNNNNNNNN-----GAGACCCCCGCGCCCAUAAACCAUAAACAGC 152
MBFV-NC_002640.1 CGCGUAUCAANNNNNNNNACUAG--AGGUUAGAGGAGACCCCCCAACA--CAAAAACAGC 156
MBFV-NC_001474.2 CGCGUGU---NNNNNNNN--CUAG--AGGUUAGAGGAGACCCCCC--CGAAACAAAAAACAGC 156
MBFV-NC_001477.1 CGCGUGU---NNNNNNNN--UAG--AGGUUAGAGGAGACCCCCCGCAACAACAACAGC 156
MBFV-NC_001475.2 CGUGUGU---NNNNNNNNACUAG--AGGUUAGAGGAGACCCCCCG--CAAAUAAAAACAGC 156
MBFV-NC_009026.2 AACG-----NNNNNNNN-----CCCCUUGGCAAAACAGUUAACGCACCAAAGAAACAGC 155
MBFV-NC_001563.2 CGCG-----NNNNNNNNNGAGG--AGACCCCGUGCCA-AAAACACCA-A-AAGAAACAGC 154
MBFV-NC_009942.1 CGCG-----NNNNNNNN--GG--AGACCCCGUGCCACAAAACACCA-A-ACAAAACAGC 154
MBFV-NC_009028.2 GUGU-----NNNNNNNNNGUGG--AGACCCCUAGCAGC-CAAGCGCGAA--ACAAAACAGC 154
MBFV-NC_040776.1 GUUU-----NNNNNNNNNA--GG--AGACCCCUUGGCACAGCAAGCGCAA-GACAACAGC 155
MBFV-NC_034151.1 GCUA-----NNNNNNNN-----AGACCCUUGGCACAGUAAC-GCAA-UAAAAACAGC 151
MBFV-NC_012534.1 C-----NNNNNNNN--GG--AGACCCCUUGCGAGUUAACACCAAAA-ACAAAACAGC 154
MBFV-NC_015843.2 C-----NNNNNNNNNA--GG--AGACCCCUUGCGAGUGAACACACCACA-A-GAAACAGC 154
MBFV-NC_007580.2 CGCG-----NNNNNNNN--UU--AGAGGAGACCCCUUGGCCGUUAACGC-AAACAACAGC 154
MBFV-NC_000943.1 CGCG-----NNNNNNNN--G--ACCCACUCUCAAAAGCAU-----AAACAACAGC 148
MBFV-NC_006551.1 CGCG-----NNNNNNNN-----ACCCCGCA-UCAUAAGCAUCA-----AAAAACAGC 147
MBFV-NC_001437.1 CGCG-----NNNNNNNN--U--AGAGGAGACCCCGCAUUUGCA-----UCA-AACAGC 148
MBFV-NC_009029.2 CGCG-----NNNNNNNNAGAGG--AGACCCUCCCAAAAGAGCGAAACACAAACAGC 158
MBFV-NC_032088.1 CGCG-----NNNNNNNNAGAGGUUAGAGGAGACCCCCCAUACCGCAAA-ACAAAACAGC 159
MBFV-NC_018705.3 C-----NNNNNNNN-----CCCCGCGGAAAUCAAAGCAAGGCCCAACCCUAGC 150
MBFV-NC_002031.1 CGCUCCCUUGUNNNNNNN-----GAGACCCUCCAGGGAACAAUAGUGGGAGC 147
MBFV-NC_012735.1 -----GUGANNNNNNN-----C-CCAUCCUCCCGAGCACCAUAGC-GGACC 148
MBFV-NC_008719.1 -----GCCANNNNNNN-----GAGGAGACCCUCCGAGCAC-UAUAGC-GGACC 148
20.....130.....140.....150.....160.....170.....1



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MBFV-NC_012532.1 AUAUUGACG--UGGGA--AAGACAG-AGACUCCAUGAGUUUCCACCACGCUGGCCGCCA 207
MBFV-NC_035889.1 AUAUUGACG--UGGGA--AAGACAG-AGACUCCAUGAGUUUCCACCACGCUGGCCGCCA 207
MBFV-NC_012533.1 AUAUUGACACCGUGGGA--AAGACCG-AGACUCUGUUGGCUUUCACACAGCCCCCU 209
MBFV-NC_002640.1 AUAUUGACG--UGGGA--AAGACAG-AGAUCUGCU-GUCUCUGCAACAUA--AUCCA 209
MBFV-NC_001474.2 AUAUUGACG--CUGGGA--AAGACAG-AGAUCUGCU-GUCUCCUAGCAUA--UUCCA 209
MBFV-NC_001477.1 AUAUUGACG--CUGGGA--GAGACAG-AGAUCUGCU-GUCUCUACAGCAUA--UUCCA 209
MBFV-NC_001475.2 AUAUUGACG--CUGGGA--GAGACAG-AGAUCUGCU-GUCUCCUAGCAUA--UUCCA 209
MBFV-NC_009026.2 AUAUUGACACCGUGGGA--UAGACCGGAGAAUUGCUGCC--UCGCAACACCUCCACCC 210
MBFV-NC_001563.2 AUAUUGACACCGUGGGA--UAGACUAGGGGAGUUCUGCU--CUGCACAACAGCCACAC 209
MBFV-NC_009942.1 AUAUUGACACCGUGGGA--UAGACUAGGAGAUUCUUGCU--CUGCACAACAGCCACAC 209
MBFV-NC_009028.2 AUAUUGACGCGCUGGGA--AAGACCGGGAUUCUCUGCU--UUCCAACACAGCCACUA 209
MBFV-NC_040776.1 AUAUUGACACCGUGGGA--AAGACCGGAGACCCUCUGCU--CUGCAACACAGCCACUA 210
MBFV-NC_034151.1 AUAUUGACACCGUGGGA--UAGACUGGGAGACCCUCUGCUU-AUUCAACACAGCCACUC 208
MBFV-NC_012534.1 AUAUUGACACCGUGGGA--GAGACUAGGAGACCCUCUG-UC-CUAACAACACAGCCAUCC 210
MBFV-NC_015843.2 AUAUUGACACCGUGGGA--UAGACUAGGAGACCCUCUG-UC-CUAACAACACAGCCAUU 210
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MBFV-NC_001437.1 AUAUUGACACCGUGGGAU-AGACUGGGAGAUUCUGCUCUAUCCAACAUCAGCUACUA 207
MBFV-NC_009029.2 AUAUUGACACCGUGGGA--AAGACUAGGGGAAUUGCUGCUC--UGGACUUCGGGCU-CUC 212
MBFV-NC_032088.1 AUAUUGACACCGUGGGA--UAGACUAGGAGAUCCGUGCUC--UGGAACCCAGAU-CUA 213
MBFV-NC_018705.3 AAAGCUGUAAACCAGGGGAAGGACUAGAGGUUAGAGGAGACCCCUUGCGAGUGAACACCA 210
MBFV-NC_002031.1 AUAUUGACGCGCAGGGA--AAGACCGGAGUGGUUCUCUGCUUUC-CUCCAGAGGUCUGUG 204
MBFV-NC_012735.1 AUAUUGACGCGCAGGGA--AAGACCGGAGACACUCCUUGAUUCUACCUUUCUCACCCUUA 206
MBFV-NC_008719.1 AUAUUGACGCGCUGGGA--AAGACCGGAGACACUCCUUGAUUCUACCUUUCUCACCCUUA 206
80.....190.....200.....210.....220.....230.....2



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MBFV-NC_012532.1 GGCACAGAUCCGCC--GAACUUCGGCGGCGCGGUGUGGGGAAAUCCAUGGUUUCU 258
MBFV-NC_035889.1 GGCACAGAUCCGCC--GAAUAGCGGCGGCGCGGUGUGGGGAAAUCCAUGGUUUCU 258
MBFV-NC_012533.1 GGCACAGAGCGCC--AGAUAGCGGGGUGGUGUGGAGCAACCCACAGGACU 258
MBFV-NC_002640.1 GGCACAGAGCGCC--GCAAGAUG--GAUUGGUGUUGUUGAUCCAACAGGUUCU 258
MBFV-NC_001474.2 GGCACAGAACGCC--AGAAAUG--GAAUGGUGCUGUUGAAUCAACAGGUUCU 258
MBFV-NC_001477.1 GGCACAGAACGCC--AAAAAUG--GAAUGGUGCUGUUGAAUCAACAGGUUCU 258
MBFV-NC_001475.2 GGCACAGAAGGCC--GUAAGU-GUGGUGGUGGUGGUA--GAACACAGGAGUCU 258
MBFV-NC_009026.2 GGCACAGAACGCC--GACA-UGGUGGGAGGGGUCGUAA--GACACCAGAUUCU 258
MBFV-NC_001563.2 GGCACAGUGCGCC--GACAUAGGUGGUGGUGGUGGUGUA--GAACACAGGAGUCU 258
MBFV-NC_009942.1 GGCACAGAGCGCC--GACAAUGGUGGUGGUGGUGGUGCGA--GAACACAGGAGUCU 258
MBFV-NC_009028.2 GGCACAGUGCGCC--GCAAGUAGUGGUGGUGGUGGUGAAA--AACACAUGGAGUCU 258
MBFV-NC_040776.1 GGCACAGAUCGCC--GAAACUGUGGUGGUGGUGGUGCAA--AACACA-GGAGUCU 258
MBFV-NC_034151.1 GGCACAGAAGGCC--GUAAGU-GUGGUGGUGGUGGUGAAUAAACACAGAGUCU 258
MBFV-NC_012534.1 GGCACAGAGCGCC--GUAAGU-GUGGUGGUGGUGGUGGUA--GAACACAGGAGUCU 258
MBFV-NC_015843.2 GGCACAGAGCGCC--GUAAGU-GUGGUGGUGGUGGUGGUA--GAACACAGGAGUCU 258
MBFV-NC_007580.2 GGCACAGAGCGCC--GUAAGU-GUGGUGGUGGUGGUGGUA--GAACACAGGAGUCU 258
MBFV-NC_000943.1 GGCACAGAGCGCC--GAAACUGUGGUGGUGGUGGUGGUA--AACACA-GGAGUCU 258
MBFV-NC_006551.1 GGCACAGAGCGCC--GAAAGU-GUGGUGGUGGUGGUGGUA--AACACA-GGAGUCU 258
MBFV-NC_001437.1 GGCACAGAGCGCC--GAAGUAGUAGCUGGUGGUGGUGGAGGAAGAACACAGGAGUCU 258
MBFV-NC_009029.2 GGCACAGAGCGCC--GUUGAGUA--GCCGGAGGCCAAAACACAGGAGUCU 258
MBFV-NC_032088.1 GGCACAGAAGCGCC--GUAAGA--ACUGGGUGGCAAAACACAGGAGUCU 258
MBFV-NC_018705.3 CACAAAACAGC-----AUUUGACACCGUGGGAAGACUAGGAGACCCUCUGU 258
MBFV-NC_002031.1 AGCACAGUUUGCUAAGAAUAGCAGACCUUUGGAGUAGCAACAAUAAACACU 258
MBFV-NC_012735.1 AGCACAGAUUGCUU--GAAUGCAGGGCGGGGAAGUUGGGAACCAACUAGUGUCU 258
MBFV-NC_008719.1 AGCACAGAUUGCUU--GAAUGCAGGGUGGGGAAGUUGGGAACCAACUAGUGUCU 258
40.....250.....260.....270.....280.....290..

