

MBFV-NC_002031.1 -----UAAUCGUUCGUUGAGCG-AUUA**G**CAGAGAACUGACCAG--AACAUGUC-- 45
MBFV-NC_012735.1 -----UUUCUACUGAAAGGAGUAGAA**G**AAAGGAGAUUCAUUC--CCAAUGGCCA 47
MBFV-NC_008719.1 -----AUUUCUACUGAAAGG-GUAGAGAAAAGGAGUUUUGCUU--CUCAUGGCCA 47
MBFV-NC_012532.1 AAC-----AGGUUU-----AAUUUGGAUUUG**G**AAACGAGAGUUUCUGG--UCAUGAAAA 47
MBFV-NC_035889.1 ACA-----GGUUUU-----AUUUUGGAUUUG**G**AAACGAGAGUUUCUGG--UCAUGAAAA 47
MBFV-NC_012533.1 AAC-----AGUUUU-----CGUGUUGAGAAA**G**AAAACAGAUUCUUCGG--AAAUAGAAAA 47
MBFV-NC_002640.1 -----UCUAACAGUUUGUUUGAAUA**G**AGAGCAG-AUCUCUGGAAAAAUG---A 44
MBFV-NC_001477.1 ACG-----UAGUUCUAACAGUUU-UUU-AUUA**G**AGAGCAG-AUCUCUG-----AUGAACA 47
MBFV-NC_001475.2 ACG-----UAGUGCUGACAGUUU-UUU-AUUA**G**AGAGCAG-AUCUCUG-----AUGAACA 47
MBFV-NC_001474.2 -CG-----UAGUUCUAACAGUUU-UUUAAUUA**G**AGAGCAG-AUCUCUG-----AUGAAUA 47
MBFV-NC_034151.1 U-----AACACAGUGUGAAUAGUUUUUUG**A**ACA-GAGGUGAAAA---CCAUGUCUA 47
MBFV-NC_012534.1 CCGU----AAACACAGUUUGAAC-GUUUUUUG**G**AGA-GA---GAUUA---UUAUGUUUA 47
MBFV-NC_015843.2 ACGU----AAACACAGUUUGAAC-GUUUUUUG**G**AUA-GA---GACAA---CUAUGUCUA 47
MBFV-NC_009028.2 U--U---UAACACAGUCUGAAUAGUUUUUUA**G**CA--AGGGA-UUUC---CCAUGUCUA 47
MBFV-NC_040776.1 U--U---UAACACAGUCUGAAUAGUUUUUUA**G**CA--GAGGU-ACUA---CCAUGUCUA 47
MBFV-NC_001563.2 A--U---UAACACAGUCGAGGAGUUUCUUG**G**CAC-GAAGA-UCU---CGAUGUCUA 47
MBFV-NC_009942.1 A--U---UAACACAGUCGAGCAGUUUCUUA**G**CAC-GAAGA-UCU---CGAUGUCUA 47
MBFV-NC_007580.2 ---U---AACUUGACUGCGAACAGUUUUUU--AGCAGGGAAUUA**C**---CAAUGUCUA 47
MBFV-NC_000943.1 -----UAACCGCGUUGAACAGUUUUUUG**G**AGCUUUUGAUUU-U---AAAUGUCUA 47
MBFV-NC_006551.1 -----U---UAACACAGUCGCGGCAAGUUUUU**G**AGC-GUUGAUUU-U---CAAUGUCUA 47
MBFV-NC_001437.1 ---U---UAGUGCAGUUUAAACAGUUUUUUA**G**AACGGAAGAUAA-C---C-AUGACUA 47
MBFV-NC_009029.2 UGAUUACAUAACACAGUGUGAACAGUUUUU**G**AACAG-----CAAUGACCA 47
MBFV-NC_032088.1 UC-----UAUAACACAGUGUGAACAGUUUUU**G**AUCAGUGGA-----UAAUGACUA 47
MBFV-NC_009026.2 -----AGAAAAGUUUUCGAGGAAAGAC**G**AGAAAGCGAAUUCUCU---GAAUGGCUA 47
MBFV-NC_018705.3 CCGU----AAACACAGUUUGAACGUUUUUUG**G**AGAGAGACUA-----CUAUGUCA 47
.....10.....20.....30.....40.....50.....6



MBFV-NC_002031.1 -----UGGUCGUA**A**AGCUCAGGGAAAA**A**CCUGGG**G**UCA**A**UAUGGU-ACGACGAGGA 97
MBFV-NC_012735.1 CAAAGGGGAUGAAUAAGUCUC**G**GGCUCGAU**C**CGAGG**C**UCA**A**UAUGGUAGCGGCUAGA- 106
MBFV-NC_008719.1 CAAGAGGAGCAAGCAAGUCUC**G**GGUCACGA**C**CGGG**G**UCA**A**UAUGGUGACGGCCAAG- 106
MBFV-NC_012532.1 -ACCCCAAAGAA**A**AAU--CCGGAGGA-UCCGGAUUG**U**CA**A**UAUGCUAAAACGCGGAGUA 103
MBFV-NC_035889.1 -A-CCCAAAAAGAAU--CCGGAGGAUUC**G**GAUUG**U**CA**A**UAUGCUAAAACGCGGAGUA 103
MBFV-NC_012533.1 ---CCCAAAAAGG-----GCCGAUC**G**CGCCUA**U**CA**A**UAUGCUGAAGCGCUUUGGA 97
MBFV-NC_002640.1 -A--CCAACGAAAAAG--GUG--GUUAGAC**C**ACCU**U**CA**A**UAUGCUGAAACGCGGAGAGA 97
MBFV-NC_001477.1 -A--CCAACGAAAAAG--ACG--GGUCGAC**C**GUCU**U**CA**A**UAUGCUGAAACGCGCGGAGA 100
MBFV-NC_001475.2 -A--CCAACGGAAGAAG--ACG--GGAAAA**C**GCUCU**A**CA**A**UAUGCUGAAACGCGUGAGA 100
MBFV-NC_001474.2 -A--CCAACGGAAGAAG--GCG--AAAAACACG**C**CU**U**CA**A**UAUGCUGAAACGCGGAGAGA 100
MBFV-NC_034151.1 ----AAAAACCAGGAGGACCCGGAAGA**A**ACCGGUCG**U**AA**A**UAUGCUGAAGCGCACAUCC 103
MBFV-NC_012534.1 -ACAAAAACCAGGAA**A**ACCCGGGGCA**A**CCCGGUUG**U**CA**A**UAUGCUAAAGCGCGGUGCA 106
MBFV-NC_015843.2 -ACAAAAACCAGGAAGACCC**G**GCUCAGG**C**CGGUUG**U**CA**A**UAUGCUAAAGCGCGGAACG 106
MBFV-NC_009028.2 ----AAAAACCAGGAAGUC**C**GCUGCA**A**AGCGGACUG**U**CA**A**UAUGCUAAAACGCCUGGCU 103
MBFV-NC_002640.1 ----AAAAACCAGGAGGACCCCGGGAAGG**C**CGGUUG**U**CA**A**UAUGCUAAAACGCCGAGCC 103
MBFV-NC_001563.2 ----AGAAACCAGGAGGGCCCGGUA**A**AAACCGGGCUG**U**CA**A**UAUGCUAAAACGCGGUAUG 103
MBFV-NC_009942.1 ----AGAAACCAGGAGGGCCCGGAAGAG**C**CGGCGUG**U**CA**A**UAUGCUAAAACGCGGAAG 103
MBFV-NC_007580.2 ----AAAAACCAGGA**A**ACCCGGUAGAA**A**CCGGGUUG**U**CA**A**UAUGCUAAAACGCGCGUA 103
MBFV-NC_000943.1 ----AAAAACCAGGAGGACCCGGGAAGCC**C**CGGUCG**U**CA**A**UAUGCUAAAACGCGGCAUA 103
MBFV-NC_006551.1 ----AGAAACCAGGAGGGCCCGGAAGAA**A**CCGGGCA**U**CA**A**UAUGCUGAAACGCGGCAUA 103
MBFV-NC_001437.1 ---AAAAACCAGGAGGGCCCGUA**A**AAACCGGGCU**A**CA**A**UAUGCUGAAACGCGGCCUA 103
MBFV-NC_009029.2 ----AAAAACCAGGAAGGCGGUAAGAA**U**CGGGCG**U**CA**A**UAUGCUAAAGCGCGGUGCG 103
MBFV-NC_032088.1 ----AAAAACCAGGAAGUCCGGCA**A**UCG**U**CGACUG**U**CA**A**UAUGCUAAAGCGCGGAGCA 103
MBFV-NC_009026.2 ----GAAACCAGGAAGACCCGGAGGA**A**ACCGGUCG**U**CA**A**UAUGCUAAAGCGGUACGGCG 103
MBFV-NC_018705.3 -ACAAAAACCAGGAAGACCCGGGCAACCCGGGUUG**U**CA**A**UAUGCUAAAGCGCGGCGCA 106
0.....70.....80.....90.....100.....110.....1



MBFV-NC_002031.1 GUUCGCUC**C**UUGUNNNNNNN-----GAGACCCUCCAGGGAACAAUAGUGGGAC 146
MBFV-NC_012735.1 -----GUGANNNNNNNN-----C-CCAU**C**CCUCCGAGCACACUAAGC-GGAC 147
MBFV-NC_008719.1 -----GCCANNNNNNNN-----GAGGAGACCCUCCGAGCAC-UAUAGC-GGAC 147
MBFV-NC_012532.1 GCCCGUG-----NNNNNNNN-----GGUAGAGGAGACCCCCCGGAAACGC**A**AAAC 149
MBFV-NC_035889.1 GCCCGUG-----NNNNNNNN-----GUUAGAGGAGACCCCCCGGAAACGC**A**AAAC 148
MBFV-NC_012533.1 UCUAGCGCUGGCCNNNNNNNN-----GAGACCCCGCGCGCCCAUAA**C**CAACAUAA**A**AC 149
MBFV-NC_002640.1 AACC**G**CGUAUCAANNNNNNNACUAG--AGGUAGAGGAGACCCCCCA**C**ACA--CA**A**AAAC 153
MBFV-NC_001477.1 AACC**G**CGUGU--NNNNNNNN--UAG--AGGUAGAGGAGACCCCCCGCACAA**C**AA**C**AAAC 153
MBFV-NC_001475.2 AACC**G**CGUGU--NNNNNNNNACUAG--AGGUAGAGGAGACCCCCCG--CA**A**UA**A**AA**A**AC 153
MBFV-NC_001474.2 AACC**G**CGUGU--NNNNNNNN--CUAG--AGGUAGAGGAGACCCCCC--CGAA**C**AA**A**AAAC 153
MBFV-NC_034151.1 CGCGCUA-----NNNNNNNN-----AGACCCCUUGGCAGUGA**A**CG-CA**A**A-U**A**AA**A**AC 148
MBFV-NC_012534.1 U---CCC-----NNNNNNNN--GG--AGACCCCUUGCGAGU**A**ACACCA**A**A--ACA**A**AAAC 151
MBFV-NC_015843.2 U---CCC-----NNNNNNNNNA-GG--AGACCCCUUGCGAGUGA**A**ACACCA**A**-A-GAA**A**AC 151
MBFV-NC_009028.2 AGCGUGU-----NNNNNNNGUGG--AGACCCCU**C**AGCAGC-CAAGCGCA**A**--ACA**A**AC 151
MBFV-NC_040776.1 AGCGUUU-----NNNNNNNNNA-GG--AGACCCCUUGGCACAC**A**AGCGCA**A**A--GACA**A**AC 152
MBFV-NC_001563.2 CCCC**G**CG-----NNNNNNNNNGAGG--AGACCCCGUGCCA-AAAACAC**C**A--A**A**GA**A**AC 151
MBFV-NC_009942.1 CCCC**G**CG-----NNNNNNNN--GG--AGACCCCGUGCCACAA**A**ACACCA**C**A--ACA**A**AAAC 151
MBFV-NC_007580.2 UCCC**G**CG-----NNNNNNNN--UU--AGAGGAGACCCCUUGCCGU**A**AC**G**C-AA**A**CAAC 151
MBFV-NC_000943.1 CCCC**G**CG-----NNNNNNNN--G--ACCCCA**C**UCUCA**A**AAAGCA**U**C-----AA**A**CAAC 145
MBFV-NC_006551.1 CCCC**G**CG-----NNNNNNNN-----ACCC**G**CA-UC**A**AAAGCA**U**CA-----AA**A**AAAC 144
MBFV-NC_001437.1 CCCC**G**CG-----NNNNNNNN--U--AGAGGAGACCCCGCAU**U**UG**C**A-----UCA-**A**AC 145
MBFV-NC_009029.2 UCCC**G**CG-----NNNNNNNNNAGAGG--AGACCCUCCCA**A**AAAGCGCA**A**ACACAA**A**AC 155
MBFV-NC_032088.1 UCCC**G**CG-----NNNNNNNNAGAGGUAGAGGAGACCCCA**C**AU**A**CCG**C**AA--ACA**A**AAAC 156
MBFV-NC_009026.2 GCCA**A**CG-----NNNNNNNN-----CCCCUGGCA**A**AAACAGU**A**ACCGCA**A**AAAG**A**AC 152
MBFV-NC_018705.3 UCCC-----NNNNNNNN-----CCCC**G**CGGAAU**C**AAAGCAAGGCC**C**CAACCU 147
20.....130.....140.....150.....160.....170.....1



MBFV-NC_002031.1)))))).)))))((.....)))))((.....)))))((.....)))))((.....)) 199
MBFV-NC_012735.1 CAUA**U**U-GACGCCAGG**A**---AAGACC-GGAGUGGUUCUGCU**U**UUC-CUCCAGAGGU 201
MBFV-NC_008719.1 CAUA**U**U-GACGCCAGG**A**---AAGACC-GGAGACACUCCUUGAUUCACCUUUCUG**C** 201
MBFV-NC_012532.1 CAUA**U**U-GACGCCUGG**A**---AAGACC-GGAGACACUCCUUGAUUCACCUUUCUG**C** 201
MBFV-NC_035889.1 AGCA**U**A-UUGACG--UGG**A**--AAGACCA-GAGACUCCAUGAGUUU-CCACCACGUG**G** 202
MBFV-NC_012533.1 AGCA**U**A-UUGACG-CUGG**A**--AAGACCA-GAGACUCCAUGAGUUU-CCACCACGUG**G** 202
MBFV-NC_002640.1 AGCA**U**A-UUGACACCUGG**A**--AAGACCG-GAGACUCUGUUGGCUU-UCCCCACACCAG**C** 204
MBFV-NC_001477.1 AGCA**U**A-UUGACG-CUGG**A**--AAGACCA-GAGAUCUGCU-GUCU-CUACAGCA**U**A-- 204
MBFV-NC_001475.2 AGCA**U**A-UUGACG-CUGG**A**--GAGACCA-GAGAUCUGCU-GUCU-CCUCAGCA**U**A-- 204
MBFV-NC_001474.2 AGCA**U**A-UUGACG-CUGG**A**--AAGACCA-GAGAUCUGCU-GUCU-CCUCAGCA**U**A-- 204
MBFV-NC_034151.1 AGCA**U**A-UUGACACCUGG**A**--UAGACUGGGAGACCCUC-UGC**U**A-UUUA**C**ACACCAG**C** 203
MBFV-NC_012534.1 AGCA**U**A-UUGACACCUGG**A**--GAGACUAGGAGACCCUC-UG-UCC-UAACAACACCAG**C** 205
MBFV-NC_015843.2 AGCA**U**A-UUGACACCUGG**A**--UAGACUAGGAGACCCUC-UG-UCC-UAACAACACCAG**C** 205
MBFV-NC_009028.2 AGCA**U**A-UUGACGCCUGG**A**--AAGACCGGGAGAUCCUC-U-GCU-UUCCAUCACCAG**C** 204
MBFV-NC_040776.1 AGCA**U**A-UUGACACCUGG**A**--AAGACCGGAGACCCUC-U-GCU-CUGCAACACCAG**C** 205
MBFV-NC_001563.2 AGCA**U**A-UUGACACCUGG**A**--UAGACUAGGGGAUCUUC-U-GCU-CUGCA**C**ACACCAG**C** 204
MBFV-NC_009942.1 AGCA**U**A-UUGACACCUGG**A**--UAGACUAGGAGAUCCUC-U-GCU-CUGCA**C**ACACCAG**C** 204
MBFV-NC_007580.2 AGCA**U**A-UUGACACCUG**A**--AGAC-AGGAGAUCC**C**-UGC**U**A-UUUA**C**ACACCAG**C** 203
MBFV-NC_000943.1 AGCA**U**A-UUGACACCUGG**A**--AAGACUAGGAGAUCCUC-UGC**U**CUAUA**C**CAACACAG**U** 202
MBFV-NC_006551.1 AGCA**U**A-UUGACACCUGG**A**AAUAGACUAGGAGAUCCUC-UGC**U**CUAUA**C**CAACAU**C**AA**C** 202
MBFV-NC_001437.1 AGCA**U**A-UUGACACCUGG**A**--UAGACUGGGAGAUCCUC-UGC**U**CUAUA**C**CAACAU**C**AG**C** 202
MBFV-NC_009029.2 AGCA**U**A-UUGACACCUGG**A**--AAGACUAGGGGAUU**G**-UGC**U**C---UGGCAUCCG**G** 208
MBFV-NC_032088.1 AGCA**U**A-UUGACACCUGG**A**--UAGACUAGGAGAUCC**G**C-UGC**U**C---UGGAACCCAG**U** 209
MBFV-NC_009026.2 AGCA**U**A-UUGACACCUGG**A**--UAGACC-GGAGAAUUGCUGCC**U**C---GCAACACC**U**CC 205
MBFV-NC_018705.3 GGC**A**AGC**U**GA**A**AC**C**AGGGGAAGGCAUAGAGGUUAGAGGAGACCCCU**G**CG--AGUG**A** 205
80.....190.....200.....210.....220.....230.....2



MBFV-NC_002031.1 CUGUGAGCACAGUUUGCUAAGAAUAAGCAGACCUUUGGAUGACAAACACAA**A**ACCACU 258
MBFV-NC_012735.1 CCUAAAGCACAGAUUGCUU--GAAUGCAGGGCGGGGAAGUUGGGAACCAACUAGUGUCU 258
MBFV-NC_008719.1 CCUAAAGCACAGAUUGCUU--GAAUGCAGGGCGGGGAAGUUGGGAACCAACUAGUGUCU 258
MBFV-NC_012532.1 CGCCAGGCACAGAU**C**GCC--GAACUUCGGCGGGUGUGGGGAAUCCAUGGUUUCU 258
MBFV-NC_035889.1 CGCCAGGCACAGAU**C**GCC--GAUAGCGCGCGCGGUGUGGGGAAUCCAUGGGUCUU 258
MBFV-NC_012533.1 CCCCUGGCACAGAGCGCC---AGAUGGGGGUGUGGUGUGAGCAACCAACAGGUACU 258
MBFV-NC_002640.1 AUCCAGGCACAGAGCGCC--GCAAGAU**G**--GAUUGGUGUGUGAUCCAACAGG**U**CU 258
MBFV-NC_001477.1 UUCCAGGCACAGAA**C**GCC--AAAA**A**U**G**--GAAUGGUGCUGUUGAAU**C**AA**C**AGG**U**CU 258
MBFV-NC_001475.2 UUCCAGGCACAGAA**C**GCC--AGAA**A**U**G**--GAAUGGUGCUGUUGAAU**C**AA**C**AGG**U**CU 258
MBFV-NC_001474.2 UUCCAGGCACAGAA**C**GCC--AGAA**A**U**G**--GAAUGGUGCUGUUGAAU**C**AA**C**AGG**U**CU 258
MBFV-NC_034151.1 CACUCGGCACAGAA**C**GCC--GUAAGU-GUGGCUGGUGGUA**A**AA**A**CA**C**AGAGUCU 258
MBFV-NC_012534.1 CAUCCGGCACAGAGCGCC--GUAAGU-GUGGCUGGUGGUG**U**A--GAACACAGUGUCU 258
MBFV-NC_015843.2 CACUUGGCACAGAU**C**GCC--GAAAGU-GUGGCUGGUGGUG**U**A--GAACACAGGAUCU 258
MBFV-NC_009028.2 CACUAGGCACAGAU**C**GCC--GCAAGUAGUGGCUGGUGGUG**A**A--AA**C**ACAUGGAUCU 258
MBFV-NC_040776.1 CACUAGGCACAGAU**C**GCC--GAAAU**C**UGUGGCUGGUGCUG**C**AA--AA**C**ACA-GGAUCU 258
MBFV-NC_001563.2 CACACGGCACAGUGCGCC--GACAUAAGGUGGCUGGUGGUG**U**CU--GAACACAGGAUCU 258
MBFV-NC_009942.1 CACACGGCACAGUGCGCC--GACAUAAGGUGGCUGGUGGUG**C**GA--GAACACAGGAUCU 258
MBFV-NC_007580.2 CACAAGGCACAGAGCGCC--GUAAGUGUGGCUGGUGGUG**A**A--AA**A**U**C**ACAGGAUCU 258
MBFV-NC_000943.1 CACAAGGCACCGAGCGCC--GAACACUGUGACUGAUGGGGGAGAGACCACAGGAUCU 258
MBFV-NC_006551.1 CACAAGGCACAGAGCGCC--GAA**A**U**G**UGUGGCUGGUGGGGA**C**UAGACACAGGAUCU 258
MBFV-NC_001437.1 UACUAGGCACAGAGCGCC--GAAGUAUGUAGCUGGUGGUGGAGGA**A**CA**C**AGGAUCU 258
MBFV-NC_009029.2 U-CUCGGCACAGAA**C**GCC--GUUGAGGA-----GCCGGAGGCCAA**A**ACACCAGAU**C**U 258
MBFV-NC_032088.1 U-CUAGGCACAGAA**C**GCC--G-U**A**U**G**A-----ACUGGGGUGCCAA**A**ACACCAGAU**C**U 258
MBFV-NC_009026.2 CACC**G**GCACAGAA**C**GCC--GACA-UGGUGGGAGGGUG**U**CU--GACACAGGAUCU 258
MBFV-NC_018705.3 CACCACACAA**A**ACAG**C**-----AU**A**UUGACACCUGGGAAAGACUAGGAGACCCCU**G**U 258
40.....250.....260.....270.....280.....290.....

