

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---UAACACAGUCGAGGUGUUUCUUG**G**CAC-GAAGA-UCU---CGAUGUCUA 47
MBFV-NC_009942.1 A--U---UAACACAGUCGAGCUGUUUCUUA**G**CAC-GAAGA-UCU---CGAUGUCUA 47
MBFV-NC_007580.2 ---U---AACUUGACUGCGAACAGUUUUUU--AGCAGGGAAUUA**C**---CAAUGUCUA 47
MBFV-NC_000943.1 -----UAACGCGGUUGAACAGUUUUUUG**G**AGCUUUUGAUUU-U---AAAUGUCUA 47
MBFV-NC_006551.1 -----U---UAACACAGUCGCGGCAAGUUUUU**G**AGC-GUUGAUUU-U---CAUGUCUA 47
MBFV-NC_001437.1 ---U---UAGUGCAGUUUAACAGUUUUUUA**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**U**A**UGGU-ACGACGAGGA 97
MBFV-NC_012735.1 CAAAGGGGAUGAAU**A**AGUCUCGGGUCGAU**C**CGAGG**C**UCA**A**U**A**UGGUAGCGGCUAGA- 106
MBFV-NC_008719.1 CAAGAGGAGCAAGCAAGUCUCGGGUCACGA**C**CGGGG**C**UCA**A**U**A**UGGUGACGGCCAAG- 106
MBFV-NC_012532.1 -ACCCCAAAGAA**A**U--CCGGAGGA-UCCGGAUUGU**C**A**A**U**A**UGCUAAAACGCGGAGUA 103
MBFV-NC_035889.1 -A-CCCAAAAAGAAU--CCGGAGGAUUCGGAAUUGU**C**A**A**U**A**UGCUAAAACGCGGAGUA 103
MBFV-NC_012533.1 ---CCCAAAAAGG-----GCCGAUCGCGGCCUAU**C**A**A**U**A**UGCUGAAGCGCUUUGGA 97
MBFV-NC_002640.1 -A--CCAACGAAAAAG--GUG--GUUAGAC**C**ACCUUU**C**A**A**U**A**UGCUGAAACGCGGAGAGA 97
MBFV-NC_001477.1 -A--CCAACGAAAAAG--ACG--GGUCGACCGUCUUU**C**A**A**U**A**UGCUGAAACGCGCGGAGA 100
MBFV-NC_001475.2 -A--CCAACGGAAGAAG--ACG--GGAAAA**C**CGUCUAU**C**A**A**U**A**UGCUGAAACGCGGUGAGA 100
MBFV-NC_001474.2 -A--CCAACGGAAGAAG--GCG--AAAAACACGCCUUU**C**A**A**U**A**UGCUGAAACGCGGAGAGA 100
MBFV-NC_034151.1 ----AAAAACCAGGAGGACCCGGAAGA**A**ACCGGUCGU**A**A**A**U**A**UGCUGAAGCGCACAUCC 103
MBFV-NC_012534.1 -ACAAAAACCAGGA**A**AAACCCGGGGCAAC**C**CGGUUGU**C**A**A**U**A**UGCUAAAGCGCGGUGCA 106
MBFV-NC_015843.2 -ACAAAAACCAGGAAGACCCGGCUCAGGC**C**GGGUUGU**C**A**A**U**A**UGCUAAAGCGCGGAACG 106
MBFV-NC_009028.2 ----AAAAACCAGGAAGUC**C**CGUGCAAGCGGACUGU**C**A**A**U**A**UGCUAAAACGCCUGGCU 103
MBFV-NC_002640.1 ----AAAAACCAGGAGGACCCCGGGAAGGCGG**G**UUGU**C**A**A**U**A**UGCUGAAACGCCGAGCC 103
MBFV-NC_001563.2 ----AGAAACCAGGAGGGCCCGGUA**A**AAACCGGGCUGU**C**A**A**U**A**UGCUAAAACGCGGUAUG 103
MBFV-NC_009942.1 ----AGAAACCAGGAGGGCCCGGAAGAGCGGGCUGU**C**A**A**U**A**UGCUAAAACGCGGAAG 103
MBFV-NC_007580.2 ----AAAAACCAGGA**A**AAACCCGGUAGAA**A**CCGGGUUGU**C**A**A**U**A**UGCUAAAACGCGCGUA 103
MBFV-NC_000943.1 ----AAAAACCAGGAGGACCCGGGAAGCCCGGGGUCGU**C**A**A**U**A**UGCUAAAACGCGGCAUA 103
MBFV-NC_006551.1 ----AGAAACCAGGAGGGCCCGGAAGAA**A**CCGGGCCAU**C**A**A**U**A**UGCUGAAACGCGGCAUA 103
MBFV-NC_001437.1 ----AAAAACCAGGAGGGCCCGGUA**A**AAACCGGGCUAU**C**A**A**U**A**UGCUGAAACGCGGCCUA 103
MBFV-NC_009029.2 ----AAAAACCAGGAAGGCGGUAAGAAU**C**GGGCCGU**C**A**A**U**A**UGCUAAAGCGCGGUGCG 103
MBFV-NC_032088.1 ----AAAAACCAGGAAGUCCGGCAAU**C**GU**C**GGACUGU**C**A**A**U**A**UGCUAAAGCGCGGAGCA 103
MBFV-NC_009026.2 ----GAAACCAGGAAGACCCGGAGGA**A**ACCGGGUCGU**C**A**A**U**A**UGCUAAAGCGGUACGGCG 103
MBFV-NC_018705.3 -ACAAAAACCAGGAAGACCCGGGCAACCCGGGUUGU**C**A**A**U**A**UGCUAAAGCGCGGCGCA 106
0.....70.....80.....90.....100.....110.....1



MBFV-NC_002031.1 GUUCGCUCCUUGUNNNNNNN-----GAGACCCUCCAGGGAACAAUAGUGGGAC 146
MBFV-NC_012735.1 -----GUGANNNNNNN-----C-CCAUCCCCUCCGAGCACACUAGC-GGAC 147
MBFV-NC_008719.1 -----GCCANNNNNNN-----GAGGAGACCCUCCCGAGCAC-UAUAGC-GGAC 147
MBFV-NC_012532.1 GCCCGUG-----NNNNNNNN-----GGUAGAGGAGACCCCCCGGAAACGCAAAAC 149
MBFV-NC_035889.1 GCCCGUG-----NNNNNNNN-----GUUAGAGGAGACCCCCCGGAAACGCAAAAC 148
MBFV-NC_012533.1 UCUAGCGCUGGCCNNNNNNNN-----GAGACCCCCCGCGCCCAUAAACCAUA**A**AAAC 149
MBFV-NC_002640.1 AACC**G**CGUAUCAANNNNNNNACUAG--AGGUAGAGGAGACCCCCCAACA--CAAA**A**AC 153
MBFV-NC_001477.1 AACC**G**CGUGU--NNNNNNNN--UAG--AGGUAGAGGAGACCCCCCGCACAA**C**AA**A**AC 153
MBFV-NC_001475.2 AACC**G**CGUGU--NNNNNNNNACUAG--AGGUAGAGGAGACCCCCCG--CAAAU**A**AA**A**AC 153
MBFV-NC_001474.2 AACC**G**CGUGU--NNNNNNNN--CUAG--AGGUAGAGGAGACCCCCC--CGAA**C**AA**A**AA**A**AC 153
MBFV-NC_034151.1 CGCGCUA-----NNNNNNNN-----AGACCCCUUGGCAGUGAACG-CAAA-U**A**AA**A**AC 148
MBFV-NC_012534.1 U---CCC-----NNNNNNNN--GG--AGACCCCUUGCGAGUAAACACCA**A**A--ACA**A**AA**C** 151
MBFV-NC_015843.2 U---CCC-----NNNNNNNNNA-GG--AGACCCCUUGCGAGUGAACACCA**C**ACA-A-GAA**A**C 151
MBFV-NC_009028.2 AGCGUGU-----NNNNNNNNUGG--AGACCCCUACAGCAC-CAAGCGCA**A**--ACA**A**AA**C** 151
MBFV-NC_040776.1 AGCGUUU-----NNNNNNNNNA-GG--AGACCCCUUGGCACACAAGCGCA**A**A--GACA**A**AC 152
MBFV-NC_001563.2 CCCC**G**CG-----NNNNNNNNAGG--AGACCCCGUGCCA-AAAACACCA-A-A**A**GA**A**AC 151
MBFV-NC_009942.1 CCCC**G**CG-----NNNNNNNN--GG--AGACCCCGUGCCACAA**A**ACACCA**C**A--ACA**A**AA**C** 151
MBFV-NC_007580.2 UCCC**G**CG-----NNNNNNNN--UU--AGAGGAGACCCCUUGCCGU**A**AA**C**GC-AA**A**CA**A**C 151
MBFV-NC_000943.1 CCCC**G**CG-----NNNNNNNN--G--ACCCCAUCUCA**A**AAAGCAUC-----AA**A**CA**A**C 145
MBFV-NC_006551.1 CCCC**G**CG-----NNNNNNNN-----ACCCCGCA-UCA**A**AGCAUCA-----AA**A**AA**A**C 144
MBFV-NC_001437.1 CCCC**G**CG-----NNNNNNNN--U--AGAGGAGACCCCGCAU**U**UGCA-----UCA-AA**C** 145
MBFV-NC_009029.2 UCCC**G**CG-----NNNNNNNNAGAGG--AGACCCUCCCA**A**AAAGCGCA**A**ACACAA**A**AC 155
MBFV-NC_032088.1 UCCC**G**CG-----NNNNNNNNAGAGGUAGAGGAGACCCCA**A**U**A**ACGCA**A**A--ACA**A**AA**C** 156
MBFV-NC_009026.2 GCCA**A**CG-----NNNNNNNN-----CCCCUUGGCA**A**AAACAGU**A**ACGCA**A**AAAG**A**AC 152
MBFV-NC_018705.3 UCCC-----NNNNNNNN-----CCCCGCGGA**A**AUCAAGCAAGGCCCA**A**CCU 147
20.....130.....140.....150.....160.....170.....1



MBFV-NC_002031.1)))))).)))))((.....)))))((.....)))))((.....)))))((.....)) 199
MBFV-NC_012735.1 CAU**A**U**U**-GACGCCAGG**A**---AAGACC-GGAGUGGUUCUGCU**U**UUC-CUCCAGAGGU 201
MBFV-NC_008719.1 CAU**A**U**U**-GACGCCAGG**A**---AAGACC-GGAGACACUCCUUGAU**U**CACCU**U**UUCUGC 201
MBFV-NC_012532.1 CAU**A**U**U**-GACGCCUGG**A**---AAGACC-GGAGACACUCCUUGAU**U**CACCU**U**UUCAC 201
MBFV-NC_035889.1 AGCA**U**A-UUGACG--UGG**G**A--AAGACCA-GAGACUCCAUGAGU**U**-CCACCACGUGGC 202
MBFV-NC_012533.1 AGCA**U**A-UUGACG-CUGG**A**--AAGACCA-GAGACUCCAUGAGU**U**-CCACCACGUGGC 202
MBFV-NC_002640.1 AGCA**U**A-UUGACACCUGG**A**--AAGACCG-GAGACUCUGUUGGCU**U**-UCCCCACACCAGC 204
MBFV-NC_001477.1 AGCA**U**A-UUGACG-CUGG**A**--AAGACCA-GAGAUCUGCU-GUCU-CUACAGCAU**C**-- 204
MBFV-NC_001475.2 AGCA**U**A-UUGACG-CUGG**A**--GAGACCA-GAGAUCUGCU-GUCU-CCUCAGCAU**C**-- 204
MBFV-NC_001474.2 AGCA**U**A-UUGACG-CUGG**A**--AAGACCA-GAGAUCUGCU-GUCU-CCUCAGCAU**C**-- 204
MBFV-NC_034151.1 AGCA**U**A-UUGACACCUGG**A**--UAGACUGGGAGACCCUC-UGC**U**A-UUUAACACACCAGC 203
MBFV-NC_012534.1 AGCA**U**A-UUGACACCUGG**A**--GAGACUAGGAGACCCUC-UG-UCC-UAACAACACCAGC 205
MBFV-NC_015843.2 AGCA**U**A-UUGACACCUGG**A**--UAGACUAGGAGACCCUC-UG-UCC-UAACAACACCAGC 205
MBFV-NC_009028.2 AGCA**U**A-UUGACGCCUGG**A**--AAGACCGGGAGAUCCUC-U-GCU-UUCCAUCACCAGC 204
MBFV-NC_040776.1 AGCA**U**A-UUGACACCUGG**A**--AAGACCGGAGACCCUC-U-GCU-CUGCAACACCAGC 205
MBFV-NC_001563.2 AGCA**U**A-UUGACACCUGG**A**--UAGACUAGGGGAUCU**U**-U-GCU-CUGCA**C**AACCAGC 204
MBFV-NC_009942.1 AGCA**U**A-UUGACACCUGG**A**--UAGACUAGGAGAU**U**-U-GCU-CUGCA**C**AACCAGC 204
MBFV-NC_007580.2 AGCA**U**A-UUGACACCUG**G**A--AGAC-AGGAGAUCC**C**-UGC**U**-UUU**C**CAACACCAGC 203
MBFV-NC_000943.1 AGCA**U**A-UUGACACCUGG**A**--AAGACUAGGAGAU**U**-UGC**U**CUA**U**UCCAACA**C**AGU 202
MBFV-NC_006551.1 AGCA**U**A-UUGACACCUGG**A**U**U**AGACUAGGAGAU**U**-UGC**U**CUA**U**UCCAACA**C**AU**C**AAC 202
MBFV-NC_001437.1 AGCA**U**A-UUGACACCUGG**A**--UAGACUGGGAU**U**-UGC**U**CUA**U**UCCAACA**C**AG**C**AGC 202
MBFV-NC_009029.2 AGCA**U**A-UUGACACCUGG**A**--AAGACUAGGGGAU**U**UG-UGC**U**---UGGCAUCCGCG 208
MBFV-NC_032088.1 AGCA**U**A-UUGACACCUGG**A**--UAGACUAGGAGAU**C**GC-UGC**U**---UGGAACCCAGU 209
MBFV-NC_009026.2 AGCA**U**A-UUGACACCUGG**A**--UAGAC-GGAGAAU**U**UGCUGCC**U**---GCAACACCUC**C** 205
MBFV-NC_018705.3 GGC**A**AGC**U**GA**A**AC**C**AGGGGAAGGCAUAGAGGUAGAGGAGACCCCU**U**GC--AGUG**A** 205
80.....190.....200.....210.....220.....230.....2



MBFV-NC_002031.1 CUGUGAGCACAGUUUGCUAAGAAU**A**AGCAGACCUUUGGAUGACA**A**ACACAA**A**ACCACU 258
MBFV-NC_012735.1 CCUAAAGCACAGAUUGCUU--GAAUGCAGGGCGGGGAAGUUGGGAACCAACUAGUGUCU 258
MBFV-NC_008719.1 CCUAAAGCACAGAUUGCUU--GAAUGCAGGGCGGGGAAGUUGGGAACCAACUAGUGUCU 258
MBFV-NC_012532.1 CGCCAGGCACAGAU**C**GC--GAACUUCGGCGCGCGUGUGGGGAAU**C**CAUGGUU**U**C 258
MBFV-NC_035889.1 CGCCAGGCACAGAU**C**GC--GAUAGCGCGCGCGUGUGGGGAAU**C**CAUGGGU**U**C 258
MBFV-NC_012533.1 CCCCUGGCACAGAGCGCC---AGAUGGGGGUGUGGUGUGAGCA**C**CAACAGGU**U**C 258
MBFV-NC_002640.1 AUCCAGGCACAGAGCGCC--GCAAGAU**G**-GAUUGGUGUGUGAU**C**CAACAGGU**U**C 258
MBFV-NC_001477.1 UUCCAGGCACAGAA**C**GC--AAAA**A**U**G**-GAAUGGUGCUGU**G**AAU**C**CAACAGGU**U**C 258
MBFV-NC_001475.2 UUCCAGGCACAGAA**C**GC--AGAA**A**U**G**-GAAUGGUGCUGU**G**AAU**C**CAACAGGU**U**C 258
MBFV-NC_001474.2 UUCCAGGCACAGAA**C**GC--AGAA**A**U**G**-GAAUGGUGCUGU**G**AAU**C**CAACAGGU**U**C 258
MBFV-NC_034151.1 CACUCGGCACAGAA**C**GC--GUAAGU-GUGGCUGGUGGUA**A**AA**A**CA**C**AGAGUCU 258
MBFV-NC_012534.1 CAUCCGGCACAGAGCGCC--GUAAGU-GUGGCUGGUGGUG**G**UA--GAACACAGUGUCU 258
MBFV-NC_015843.2 CACUUGGCACAGAU**C**GC--GAAAGU-GUGGCUGGUGGUG**G**UA--GAACACAGGAUCU 258
MBFV-NC_009028.2 CACUAGGCACAGAU**C**GC--GCAAGUAGUGGCUGGUGGUG**A**A--AA**C**ACAUGGAUCU 258
MBFV-NC_040776.1 CACUAGGCACAGAU**C**GC--GAAAU**C**UGUGGCUGGUGCUG**C**AA--AA**C**ACA-GGAUCU 258
MBFV-NC_001563.2 CACACGGCACAGUGCGCC--GACA**U**AGGUGGCUGGUGGUG**C**UA--GAACACAGGAUCU 258
MBFV-NC_009942.1 CACACGGCACAGUGCGCC--GACA**U**AGGUGGCUGGUGGUG**C**GA--GAACACAGGAUCU 258
MBFV-NC_007580.2 CACAAGGCACAGAGCGCC--GUAAGUUGUGGCUGGUGGUG**G**AA--AA**A**AU**C**ACAGGAUCU 258
MBFV-NC_000943.1 CACAAGGCACCGAGCGCC--GAACACUGAGCUGAUGGGGGAG**A**AGACCACAGGAUCU 258
MBFV-NC_006551.1 CACAAGGCACAGAGCGCC--GAA**A**AU**U**UGUGGCUGGUGGGGA**C**UAGACCACAGGAUCU 258
MBFV-NC_001437.1 UACUAGGCACAGAGCGCC--GAAGU**U**AGUAGCUGGUGGUGGAGGA**A**CA**C**AGGAUCU 258
MBFV-NC_009029.2 U-CUCGGCACAGAA**C**GC--GU**U**AGGA---GCCGGAGGCC**A**AA**A**CACCAGAU**C**U 258
MBFV-NC_032088.1 U-CUAGGCACAGAA**C**GC--G-U**A**U**U**G---ACUGGGGUG**C**AA**A**ACACCAGAU**C**U 258
MBFV-NC_009026.2 CACCCGGCACAGAA**C**GC--GACA-UGGUGGGAGGGUG**C**UA--GACACAGGAUCU 258
MBFV-NC_018705.3 CACCACACAA**A**ACAGC--AU**A**U**U**GACACCUGGGAAAGACUAGGAGACCCCU**U**GU 258
40.....250.....260.....270.....280.....290.....

