

MBFV-NC\_012532.1 -----AUUUGGAUUUGG---AAA-CGAGAGUUUCUGGUC--AUGAAAA--ACC-CCAA 44  
MBFV-NC\_035889.1 -----UUUUGGAUUUGG---AAA-CGAGAGUUUCUGGUC--AUGAAAA--A-C-CCAA 43  
MBFV-NC\_012533.1 -----GUGUUGAGAAAG---AAA--ACAGAUUCUUCGGAAAUGAAAA---C-CCAA 42  
MBFV-NC\_002640.1 -----UGUUUGAAUAGAGAGCAG-AUCUCUGGAAAA---AUG---A--A---CCAA 39  
MBFV-NC\_001474.2 -----ACAGUUUUUAAUUAGAG-AGCAGAUCUCUG-----AUGAAU--A---CCAA 42  
MBFV-NC\_001477.1 -----ACAGUUUUUUAAUUAGAG-AGCAGAUCUCUG-----AUGAAC--A---CCAA 42  
MBFV-NC\_001475.2 -----GACAGUUUUUAAUUAGAG-AGCAGAUCUCUG-----AUGAAC--A---CCAA 42  
MBFV-NC\_034151.1 -----UGAAU-AGUUUUUUG-AACAGAGGUGAAAAACC--AUGUCUA---AA-AAAC 43  
MBFV-NC\_009028.2 -----UCUGAAU-AGUUUUUU--AGCAAGGGA-UUUC---AUGUCUA---AA-AAAC 43  
MBFV-NC\_040776.1 -----UCUGAAU-AGUUUUUU--AGCAGAGGU-ACUACC--AUGUCUA---AA-AAAC 43  
MBFV-NC\_009029.2 ACACAGUGUGAACAAGUUUUUUG-AACAG-----CA--AUGACCA---AA-AAAC 43  
MBFV-NC\_032088.1 ----AGUGUGAACAAGUUUUUUG-AUCAGUGGA-----UA--AUGACUA---AA-AAAC 43  
MBFV-NC\_001563.2 -----UGCGAGC-UGUUUCUUGGCAC-GAAGA-UCU-CG--AUGUCUA---AG-AAAC 43  
MBFV-NC\_009942.1 -----UGCGAGC-UGUUUCUUGGCAC-GAAGA-UCU-CG--AUGUCUA---AG-AAAC 43  
MBFV-NC\_006551.1 -----GCCG-GC-AGUUUCUUGAGC-GUUGAUUUU-CA--AUGUCUA---AG-AAAC 43  
MBFV-NC\_000943.1 -----U--GAAC-AGUUUUUUGGAGCUUUUGAUUUC-AA--AUGUCUA---AA-AAAC 43  
MBFV-NC\_007580.2 -----GCGAAC-AGUUUUUU--AGCAGGGAAUUACCCA--AUGUCUA---AA-AAAC 43  
MBFV-NC\_012534.1 ----AGUUUGAAC--GUUUUUUGGAGAGAGA---UAUU--AUGUUUAACAAA-AAAC 46  
MBFV-NC\_015843.2 ----AGUUUGAAC--GUUUUUUGGAUAGAGA---CAACU--AUGUCUAACAAA-AAAC 46  
MBFV-NC\_009026.2 -----UCGAGG-AAAGACGAGAAGCGAAUU--CUCUGA--AUGUCUA---AG-AAAC 43  
MBFV-NC\_001437.1 -----UUAAACAGUUUUUAGAACCGGAAGA--UAACC--AUGACUA---AA-AAAC 43  
MBFV-NC\_002031.1 -----UUGAGC--GAUUGACAGAGAACUGACCAGAAC--AUGUCUGGUCGU-AAAG 46  
MBFV-NC\_008719.1 -----AAAGGGUAGAGAAAAGGAGUUUUGCUUCU-CAUGGCAACAAGAGGAGC 47  
MBFV-NC\_012735.1 -----AAGGAGUAGAAGAAAGGAGAUUCAUUC---AAUGGCAACAAGAGGGGAU 47  
TBFV-NC\_003687.1 -----AGCUUAGGAGAACAAGAGCUGGGGAG--UGGUU--AUG-----AUGACCAC 41  
TBFV-NC\_001809.1 -----AAAGACAGCUUA-GGAGAACAAGAG-CUGGGG--AUGGGCAGGAAGACCAU 47  
TBFV-NC\_027709.1 -----AAAGACAGCUUA-GGAGAACAAGAG-CUGGGG--AUGGGCAGGAAGACCAU 47  
TBFV-NC\_003690.1 -----AAAGACAGCUUA-GGAGAACAAGAG-CUGGGA--AUGGCCGGGAAGGCCGU 47  
TBFV-NC\_005062.1 -----AAAGACAGCUUA-GGAGAACAAGAG-CUGGGG--AUGGCCGGGAAGGCCAU 47  
TBFV-NC\_001672.1 -----AAAGACAGCUUA-GGAGAACAAGAG-CUGGGG--AUGGCAAGAAGGCCAU 47  
.....10.....20.....30.....40.....50.....6



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MBFV-NC\_012532.1 A---GAAGAAAUCGCGGAGGA-UCCGGAUUGUCAAUAUGCUAAAACGC--GGAG-UAGC 95  
MBFV-NC\_035889.1 A---AAAGAAAUCGCGGAGAUUCGGAUUGUCAUAUAGCUAAAACGC--GGAG-UAGC 95  
MBFV-NC\_012533.1 A---AAAG---GCCGACUCGCGCCUAUCAUAUGCUGAAGCGCUUUGGAUCUAGC 93  
MBFV-NC\_002640.1 C---GAAAAAAGGUGG-UUAGACCACCUU-UCAAUAUGCUGAAACGCGAGAGAAACCGC 93  
MBFV-NC\_001474.2 C---GGAAAAAGGCGA-AAAACACGCCUU-UCAAUAUGCUGAAACGCGAGAGAAACCGC 96  
MBFV-NC\_001477.1 C---GGAAAAAGACGG-GUCGACCGUCUU-UCAAUAUGCUGAAACGCGCGAGAAACCGC 96  
MBFV-NC\_001475.2 C---GGAAGAAGACGG-GAAAACCGUCUA-UCAAUAUGCUGAAACGCGUGGAAACCGU 96  
MBFV-NC\_034151.1 C---AGGAGGACCCGGAAGAACC CGGGUCGUUAAUAUGCUGAAGCGCACAUCCCGCGCU 99  
MBFV-NC\_009028.2 C---AGGAAGUCGCGCUAAGACCGGACUGUCAUAUAGCUAAAACGCCUGGCUAGCGU 99  
MBFV-NC\_040776.1 C---AGGAGGACCCGCGGAAGGCGGGUUGUCAUAUAGCUAAAACGCCAGCCAGCGU 99  
MBFV-NC\_009029.2 C---AGGAAGGCCCGGUAGAAAUCGGGCGGCUAUAUAGCUAAAAGCGCGGUGCGUCCCGC 99  
MBFV-NC\_032088.1 C---AGGAAGUCCGCGCAAUCGUCGAGCUGUCAUAUAGCUAAAAGCGCGGAGCAUCCCGC 99  
MBFV-NC\_001563.2 C---AGGAGGGCCCGGUA AAAACCGGGCUGUCAUAUAGCUAAAACGCCGUAUGCCCGCG 99  
MBFV-NC\_009942.1 C---AGGAGGGCCCGGUA AAAACCGGGCUGUCAUAUAGCUAAAACGCCGUAUGCCCGCG 99  
MBFV-NC\_006551.1 C---AGGAGGGCCCGGAAGA AACCGGGCAUCAUAUAGCUGAAACCGGGCAUACCCCGC 99  
MBFV-NC\_000943.1 C---AGGAGGACCCGGGAAGCCCGGGGUCUCAUAUAGCUAAAACGCCGCAUACCCCGC 99  
MBFV-NC\_007580.2 C---AGGAAAACCCGGUAGAAACCGGGUUGUCAUAUAGCUAAAACGCCGCGUAUCCCGC 99  
MBFV-NC\_012534.1 C---AGGAAAACCCGGGGCAACCCGGGUUGUCAUAUAGCUAAAAGCGCGGUGCAUCC-- 100  
MBFV-NC\_015843.2 C---AGGAAGACCCGGCUCAGGCCGGGUUGUCAUAUAGCUAAAAGCGCGGAACGUCC-- 100  
MBFV-NC\_009026.2 C---AGGAAGACCCGGGAGGAAACCGGGUCGUCAAUAUGCUAAAAGCGUACGGCGGCCAA 99  
MBFV-NC\_001437.1 C---AGGAGGGCCCGGUA AAAACCGGGCUAUAUAUGCUGAAACGCCGCUAACCCCGC 99  
MBFV-NC\_002031.1 C---UCAG-----GGAAAACCCUGGGCGUCAUAUUGGUACGACGAGGAGUUCGCUCC 96  
MBFV-NC\_008719.1 A---AGCAAGUCUCGGGUCACGACCCCGGGGCGUCAUAUUGGUGACGGCCAAAG--GCC 99  
MBFV-NC\_012735.1 G---AAUAAGUCUCGGGUCGUAUCCGAGGCGUCAUAUUGGUAGCGGCUAGA---GUG 99  
TBFV-NC\_003687.1 UUCUAAAGGAAAGGGGGGCG-GUCCCCUAGGC GCAAGCUAAAGUGACCGCAAAUAAGU 100  
TBFV-NC\_001809.1 CCUGAAAGGCAAGGGGGGCG-GUCCCCCUCGACGAGUGUCGAAAGAGACCGCGA----- 100  
TBFV-NC\_027709.1 CCUGAAAGGUAAGGGGGGCG-GUCCCCCUCGACGAGUGUCGAAAGAGACCGCAA----- 100  
TBFV-NC\_003690.1 UCUAAAAGGAAAGGGGGGGG-GUCCCCCUCGACGAGCUCGUAAGAGUGGCCCAA----- 100  
TBFV-NC\_005062.1 UCUGAAAGGAAAGGGGGGCG-GUCCCCCUCGACGAGUGUCGAAAGAGACCGCUA----- 100  
TBFV-NC\_001672.1 CCUGAAAGGUAAGGGGGGCG-GUCCCCCUCGACGAGUGUCGAAAGAGACCGCAA----- 100  
0.....70.....80.....90.....100.....110.....1



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MBFV-NC\_012532.1 CC--GUGNNNNNNNCC-CCGAAAACGCAAAACAGCAUAUUGACG-UGGGAA---AGAC- 147  
MBFV-NC\_035889.1 CC--GUGNNNNNNNN-C-CCGAAAACGCAAAACAGCAUAUUGACGCUGGGAA---AGAC- 147  
MBFV-NC\_012533.1 GCUGGCCNNNNNNNAU-AACCAACAUA-AAACAGCAUAUUGACACCUGGGAA---AGAC- 147  
MBFV-NC\_002640.1 GUAUCAANNNNNNNNCC-CCCCAACACA-AAACAGCAUAUUGACGCUGGGAA---AGAC- 147  
MBFV-NC\_001474.2 GUGU---NNNNNNNNCC-CCGAAAACA-AAAACAGCAUAUUGACGCUGGGAA---AGAC- 147  
MBFV-NC\_001477.1 GUGU---NNNNNNNNCC-CGCACAACA-CAAACAGCAUAUUGACGCUGGGAA---AGAC- 147  
MBFV-NC\_001475.2 GUGU---NNNNNNNNCC-CCGCAAAUA-AAAACAGCAUAUUGACGCUGGGAG---AGAC- 147  
MBFV-NC\_034151.1 A-----NNNNNNNGA-A-CGCAAAUA-AAACAGCAUAUUGACACCUGGGA--UAGACU 148  
MBFV-NC\_009028.2 U-----NNNNNNNCA-AGCGCGAA-A-CAAACAGCAUAUUGACGCCUGGGA--AAGACC 148  
MBFV-NC\_040776.1 U-----NNNNNNNN-A-AGCGCAAAGA-CAAACAGCAUAUUGACACCUGGGA--AAGACC 148  
MBFV-NC\_009029.2 G-----NNNNNNNN-A-GCGCAACAC-AAACAGCAUAUUGACACCUGGGA--AAGACU 148  
MBFV-NC\_032088.1 G-----NNNNNNNN-U-ACCGCAAAAC-AAACAGCAUAUUGACACCUGGGA--UAGACU 148  
MBFV-NC\_001563.2 G-----NNNNNNNN-A-AACACCAAAA-GAAACAGCAUAUUGACACCUGGGA--UAGACU 148  
MBFV-NC\_009942.1 G-----NNNNNNNN-A-ACACCACAAC-AAACAGCAUAUUGACACCUGGGA--UAGACU 148  
MBFV-NC\_006551.1 G-----NNNNNNNN-U-AAGCAUCAA-AAACAGCAUAUUGACACCUGGGAAUAGACU 150  
MBFV-NC\_000943.1 G-----NNNNNNNN-A-AAAGCAUCA-ACAACAGCAUAUUGACACCUGGGAA-AAGACU 149  
MBFV-NC\_007580.2 G-----NNNNNNNNCC-GUUAACGCAA-ACAACAGCAUAUUGACACCUGGGA--AGAC- 147  
MBFV-NC\_012534.1 -----NNNNNNNN-A-ACACCAAAAC-AAACAGCAUAUUGACACCUGGGA--GAGACU 148  
MBFV-NC\_015843.2 -----NNNNNNNN-G-AACACCACAA-GAAACAGCAUAUUGACACCUGGGA--UAGACU 148  
MBFV-NC\_009026.2 G-----NNNNNNNN-A-CGCACCAAAA-GAAACAGCAUAUUGACACCUGGGA--UAGACC 148  
MBFV-NC\_001437.1 G-----NNNNNNNN-C-AUAUAGAC-CUGGGAUAGACUGGGAUCUUC--UGCUCU 148  
MBFV-NC\_002031.1 UUGU---NNNNNNNAG-GGAACAAUAGUGGGACCAUAUUGACGCCAGGGAA---AGAC- 148  
MBFV-NC\_008719.1 A-----NNNNNNNNCCGAGCAC-UAUAGCGGACCAUAUUGACGCC-UGGGAA---AGAC- 147  
MBFV-NC\_012735.1 A-----NNNNNNNNCCGAGCACAUAGCGGACCAUAUUGACGCC-AGGGAA---AGAC- 148  
TBFV-NC\_003687.1 -----NNNNNNNN-AUUUUUACCGCCU-CCUAUACUAAAUUCCCCCAGGAAA-CUGGGG 150  
TBFV-NC\_001809.1 -----NNNNNNNNG-UUUUUCUCCU-CCUAUACCAAAUUCUCCCCUCGACA-GAGGGG 150  
TBFV-NC\_027709.1 -----NNNNNNNNGAUUUUUCUCCU-CCUAUACCAA-UUCCCCUCGACA-GAGGGG 150  
TBFV-NC\_003690.1 -----NNNNNNNNGAUUUUUCUCCU-CCUAUACCAA-UUCCCCUCGACA-GAGGGG 150  
TBFV-NC\_005062.1 -----NNNNNNNN-----UAUACCAA-UUCCCCUCAUCU-GAGGGG 135  
TBFV-NC\_001672.1 -----NNNNNNNN-----UAUACCAA-UUCCCCUCGGUA-GAGGGG 135  
20.....130.....140.....150.....160.....170.....1



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MBFV-NC\_012532.1 CAGAGAUCCAUGAGUUUCC----- 167  
MBFV-NC\_035889.1 CAGAGAUCCAUGAGUUUCC----- 167  
MBFV-NC\_012533.1 CGGAGAUUCUGUUGGCUUUC----- 167  
MBFV-NC\_002640.1 CAGAGAUCCUGCUGUCUCUG----- 167  
MBFV-NC\_001474.2 CAGAGAUCCUGCUGUCUCU----- 167  
MBFV-NC\_001477.1 CAGAGAUCCUGCUGUCUCUA----- 167  
MBFV-NC\_001475.2 CAGAGAUCCUGCUGUCUCU----- 167  
MBFV-NC\_034151.1 GGGAGAUCCUCUGC-UUAUU----- 167  
MBFV-NC\_009028.2 GGGAGAUCCUCUGC-UUUC----- 167  
MBFV-NC\_040776.1 GGGAGAUCCUCUGC-UCUG----- 167  
MBFV-NC\_009029.2 AGGGGAUUUGCUGC-UCUG----- 167  
MBFV-NC\_032088.1 AGGGGAUCCGUGC-UCUG----- 167  
MBFV-NC\_001563.2 AGGGGAUCUUCUGC-UCUG----- 167  
MBFV-NC\_009942.1 AGGGGAUCUUCUGC-UCUG----- 167  
MBFV-NC\_006551.1 AGGAGAUUCUUGC-UCU----- 167  
MBFV-NC\_000943.1 AGGAGAUUCUUGC-UCUA----- 167  
MBFV-NC\_007580.2 AGGAGAUCCCUUGCUUUUUC----- 167  
MBFV-NC\_012534.1 AGGAGA-CCUCUGUCCUAA----- 167  
MBFV-NC\_015843.2 AGGAGA-CCUCUGUCCUAA----- 167  
MBFV-NC\_009026.2 GGAGAAUUGCAGCCUC-GC----- 167  
MBFV-NC\_001437.1 AUCUGACAUCAGCUACUA----- 167  
MBFV-NC\_002031.1 CGGAGUGGUUCUCU-GCUUU----- 167  
MBFV-NC\_008719.1 CGGAGACACUCCUUGAUUC----- 167  
TBFV-NC\_012735.1 CGGAGACACUCCUUGAUUC----- 167  
TBFV-NC\_003687.1 GGGCGUUCUUGU-CUC----- 167  
TBFV-NC\_001809.1 GGGCGUUCUUGU-CUC----- 167  
TBFV-NC\_027709.1 GGGCGUUCUUGU-CUC----- 167  
TBFV-NC\_003690.1 GGGCGUUCUUGU-CUC----- 167  
TBFV-NC\_005062.1 GGGCGUUCUUGU-CUCCUGAGCCACCAUCA 167  
TBFV-NC\_001672.1 GGGCGUUCUUGU-CUCCUGAGCCACCAUCA 167  
80.....190.....200.....210.

