

MBFV-NC\_012532.1 AACAGGU-U-----UAAUUUGGAUUUGGAAA--CGA-GAGUUUCUGG---UCAUGAAAA-ACCCCAAAGAAGAAAUC--CGGAGGA-UCCGGAUUGUCAAU AUG 88  
MBFV-NC\_035889.1 ACAGGUU-U-----UAUUUUGGAUUUGGAAA--CGA-GAGUUUCUGG---UCAUGAAAA-A-CCCAAAAAGAAAUC--CGGAGGAUUCGGAUUGUCAAU AUG 88  
MBFV-NC\_002640.1 -----UCUAACAGUUUGUUUGAAUAGAGAG--CAG-AUCUCUGGAA--AAAUG---A-A--CCACGAAAAAAGG--UGGUUAGACC--ACUUUCAAU AUG 82  
MBFV-NC\_001477.1 ACGUAGU-UCUAACAGUUU-UUU-AUUAGAGAG--CAG-AUCUCUG-----AUGAACA-A--CCAACGGAAAAAGA--CGGGUCGACC--GUCUUUCAU AUG 85  
MBFV-NC\_001475.2 ACGUAGU-GCUGACAGUUU-UUU-AUUAGAGAG--CAG-AUCUCUG-----AUGAACA-A--CCAACGGAAAGA--CGGGAAAACC--GUCUAUCAU AUG 85  
MBFV-NC\_001474.2 -CGUAGU-UCUAACAGUUU-UUUAAUUAGAGAG--CAG-AUCUCUG-----AUGAAUA-A--CCAACGGAAAAAGG--CGAAAAACAC--GCCUUUCAU AUG 85  
MBFV-NC\_012533.1 A-----ACAGUUUUCGUGUUGAGAAAAGAAAACAGAUUCUUCGG---AAAUGAA--AACCACAAAAAG--GGCCGCAUCGCGGCCUAUCAU AUG 82  
MBFV-NC\_009028.2 U--U----UAACACAGUCUGAAUAGUUUUUU--AGCAGAGGGA-UUUC-----CCAUGUCUA--AAAAACCAGGAAAGUCCCGUGCAAAGCGGACUGUCAU AUG 88  
MBFV-NC\_040776.1 U--U----UAACACAGUCUGAAUAGUUUUUU--AGCAGAGGU-ACUA-----CCAUGUCUA--AAAAACCAGGAGGACCCGCCGGAAGGCGGGUUGUCAU AUG 88  
MBFV-NC\_034151.1 -----UAACACAGUGUGAAUAGUUUUUU--GAACAGAGGUGAAAA-----CCAUGUCUA--AAAAACCAGGAGGACCCGGAAGAACCCGGGUCGUUAAU AUG 88  
MBFV-NC\_000943.1 -----UAACGCGGUUUGAACAGUUUUUUUGGAGCUUUUGA-UUUC-----AAUUGUCUA--AAAAACCAGGAGGACCCGGGAAGCCCCGGGUCGUCAU AUG 88  
MBFV-NC\_006551.1 ---U----UAACACAGUGCCGGCAGUUUCUUUGAGC-GUUGA-UUUU-----CAAUGUCUA--AGAAACCAGGAGGGCCCCGGAAGAAACCCGGGCAUCAU AUG 88  
MBFV-NC\_001437.1 ---U----UAGUGCAGUUUAAACAGUUUUUUUAGAACGGAAGA-UAAC-----C-AUGACUA--AAAAACCAGGAGGGCCCGGAUAAACCGGCUAUCAU AUG 88  
MBFV-NC\_007580.2 ---U----AACUUGACUGCGAACAGUUUUUUUAGCAGGGAAUU-ACCC-----A-AUGUCUA--AAAAACCAGGAAAACCCGGUAGAAAACCGGGUUGUCAU AUG 88  
MBFV-NC\_001563.2 A--U----UAACACAGUGCGAGCUGUUUCUUGGCAC-GAAGA-UCUC-----G-AUGUCUA--AGAAACCAGGAGGGCCCCGUAAAAACCGGGCUGUCAU AUG 88  
MBFV-NC\_009942.1 A--U----UAACACAGUGCGAGCUGUUUCUUGACAC-GAAGA-UCUC-----G-AUGUCUA--AGAAACCAGGAGGGCCCCGGAAGAGCCGGGUCGUCAU AUG 88  
MBFV-NC\_012534.1 CCGU----AAACACAGUUUGAAC-GUUUUUUUGGAG--AGAGAUUA-----UUAUGUUUA-ACAAAAACCAGGAAACCCGGGGACCCGGGUUGUCAU AUG 91  
MBFV-NC\_015843.2 ACGU----AAACACAGUUUGAAC-GUUUUUUUGGAU--AGAGACAA-----CUAUGUCUA-ACAAAAACCAGGAAGACCCGGCUCAGGCCGGGUUGUCAU AUG 91  
MBFV-NC\_009026.2 -----AGAAACAGUUUCGAGGAAAGACGAGAACGCGAAUUCUCU- GAAUGGCUA--GAAAAACAGGAAGACCCGGAGGAAACCCGGGUCGUCAU AUG 88  
MBFV-NC\_032088.1 UC----UAUAACAGUGUGGAACAAGUUUUUUUGAUCAGUGGA-----UAUGACUA--AAAAACCAGGAAGUCCCGGCAUUCGCGGACUGUCAU AUG 88  
MBFV-NC\_009029.2 UGAUUACAUAACACAGUGUGAACAGUUUUUUUGAACAG-----CAAUGACCA--AAAAACCAGGAAGGCCCGGUAGAAAUCGGGCCGUCAU AUG 88  
MBFV-NC\_012735.1 -----UUUCUACUGAAAGGAGUAGAAGAAAGGAGAUUCAUUC-----CAAUGGCAACAAAGGGGAUGAAUAAGUCUCGGGCUCGAUCCCGAGGGCGUCAU AUG 92  
MBFV-NC\_008719.1 -----AUUUCUACUGAAAGG-GUAGAGAAAGGAGUUUUGCUUC-----UCAUGGCAACAAGAGGAGCAAGCAAGUCUCGGGUACGACCCGGGGCGUCAU AUG 92  
MBFV-NC\_002031.1 -----UAAUCGUUCGUUGAGCG- AUUAGCAGAGAACUGACCAGA-----ACAUGUC-----UGGUGUAAAGCUCAGGGAAAAACCCUGGGCGUCAU AUG 83  
TBFV-NC\_027709.1 GUGUUGAGAAAAAGACAGC-----UUAGGAGAACAAAGAGCUGGGG-----AUGGGCAGGAAGUCCAUCCUGAAA---GGUAAGGGGGGCGGUCCCCUCGA 88  
TBFV-NC\_001672.1 GUGUUGAGAAAAAGACAGC-----UUAGGAGAACAAAGAGCUGGGG-----AUGGUCAGAAGGCGCAUCCUGAAA---GGUAAGGGGGGCGGUCCCCUCGA 88  
TBFV-NC\_001809.1 GUGUUGAGAAAAAGACAGC-----UUAGGAGAACAAAGAGCUGGGG-----AUGGGCAGGAAGACCAUCCUGAAA---GGCAAGGGGGGCGGUCCCCUCGA 88  
TBFV-NC\_005062.1 GUGUUGAGAAAAAGACAGC-----UUAGGAGAACAAAGAGCUGGGG-----AUGGCCGGGAAGGCCAUUCUGAAA---GGAAAGGGGGGCGGUCCCCUCGA 88  
TBFV-NC\_003690.1 GUGUUGAGAAAAAGACAGC-----UUAGGAGAACAAAGAGCUGGGG-----AUGGCCGGGAAGGCCGUUCUAAA---GGAAAGGGGGGGGUGCCCCUCGA 88  
TBFV-NC\_003687.1 -----AGAAAAGACAGC-----UUAGGAGAACAAAGAGCUGGGGAGUGGUUAUG-----AUGACACUUCUAAA---GGAAAGGGGGGCGGUCCCCUAGG 82  
MBFV-NC\_018705.3 CCGU----AAACACAGUUUGAACGUUUUUUUGGAGAGAGACU-----AUGUCA--ACAAAAACCAGGAAGACCCGGGGAACCCGGGUUGUCAU AUG 91  
.....10.....20.....30.....40.....50.....60.....70.....80.....90.....100.....



MBFV-NC\_012532.1 CUA AAAACGCGGAGUAGCCCGUG-----NNNNNNNN-----G U U A G A G G A G A C C C C C G G A A A C G C A A A A C A G C A U A U U G A C G--U G G G A--A A G A C C A--G A G 176  
MBFV-NC\_035889.1 C U A A A A C G C G G A G A G C C C G U-----N N N N N N N-----G U U A G A G G A G A C C C C C G G A A A C G C A A A A C A G C A U A U U G A C G--U G G G A--A A G A C C A--G A G 176  
MBFV-NC\_002640.1 CUGAAACGCGAGAGAACCCGCGUAUCAANNNNNNNN--ACUAGAGGUUAGAGGAGACCCCCCAACA--CAAAAAACAGCAUAUUGACG-CUGGGA--AAGAC--CAG 179  
MBFV-NC\_001477.1 CUGAAACGCGCGAGAAACCGCGUGU--NNNNNNNN--UAGAGGUUAGAGGAGACCCCCGCACAACAACAAACAGCAUAUUGACG-CUGGGA--GAGAC--CAG 179  
MBFV-NC\_001475.2 CUGAAACGCGUGAGAAACCGUGUGU--NNNNNNNN--ACUAGAGGUUAGAGGAGACCCCCCG--CAAAUAAAAACAGCAUAUUGACG-CUGGGA--GAGAC--CAG 179  
MBFV-NC\_001474.2 CUGAAACGCGAGAGAAACCGCGUGU--NNNNNNNN--CUAGAGGUUAGAGGAGAGACCCCC--CGAAACAAAAACAGCAUAUUGACG-CUGGGA--AAGAC--CAG 179  
MBFV-NC\_012533.1 CUGAAGCGCUUUGGAUCUAGCGCUGGCCNNNNNNNN--GAGACCCCC-----GCGCCCAUAACCAACAUA AAAACAGCAUAUUGACACCUGGGA--AAGACCG--GAG 178  
MBFV-NC\_009028.2 CUAAAACGCCUGGCUAGCGUGU-----NNNNNNNN--GUGGAGACCCUCAGCAC-CAAGCGCGAA--ACAAACAGCAUAUUGACGCCUGGGA--AAGACCGGGAG 181  
MBFV-NC\_040776.1 CUGAAACGCCAGCCAGCGCUUU-----NNNNNNNN--A-GGAGACCCCUUGGCACACAAGCGCAA-GACAAACAGCAUAUUGACACCUGGGA--AAGACCGGGAG 182  
MBFV-NC\_034151.1 CUGAAGCGCACAUCCCGCGCUA-----NNNNNNNN--AGACCCCUUGGCAGUGAA-CGCAAA-UAAAAACAGCAUAUUGACACCUGGGA--UAGACUGGGAG 178  
MBFV-NC\_000943.1 CUAAAACGCGGCAUACCCCGCG-----NNNNNNNN--GACCCACUCUCAAAAGCAUC---AAACAACAGCAUAUUGACACCUGGGAA-AAGACUAGGAG 176  
MBFV-NC\_006551.1 CUGAAACGCGGCAUACCCCGCG-----NNNNNNNN--ACCCCGCA-UCAUAAGCAUC--A-AAAAAACAGCAUAUUGACACCUGGGAAUUAGACUAGGAG 176  
MBFV-NC\_001437.1 CUGAAACGCGGCCUACCCCGCG-----NNNNNNNN--UAGAGGAGACCCC--GCAUU-----GC-AUCAACAGCAUAUUGACACCUGGGA-UAGACUGGGAG 176  
MBFV-NC\_007580.2 CUAAAACGCGGCGUAUCCCGCG-----NNNNNNNNUAGAGGAGACCCCUUGCCGUUAA----CGC-AAACAACAGCAUAUUGACACCUGGAA--AGACAG--G 177  
MBFV-NC\_001563.2 CUAAAACGCGGUAUGCCCCGCG-----NNNNNNNN--GAGGAGACCCGUGCCA-AAAAACCA-A-AAGAAACAGCAUAUUGACACCUGGGA--UAGACUAGGGG 181  
MBFV-NC\_009942.1 CUAAAACGCGGAUUGCCCGCG-----NNNNNNNN--GGAGACCCGUGCCACAAACACCACA-ACAAACAGCAUAUUGACACCUGGGA--UAGACUAGGAG 181  
MBFV-NC\_012534.1 CUAAAAGCGGGUACAUC-----NNNNNNNN--GGAGACCCUUGCGAGUUAACACCAAA-ACAAACAGCAUAUUGACACCUGGGA--GAGACUAGGAG 181  
MBFV-NC\_015843.2 CUAAAAGCGCGGAACGUCC-----NNNNNNNN--AGGAGACCCUUGCGAGUUAACACCACA-A-GAAACAGCAUAUUGACACCUGGGA--UAGACUAGGAG 181  
MBFV-NC\_009026.2 CUAAAAGCGUACGGCGGCCAACG-----NNNNNNNNCCCCUUG--CAAAACAGUUAACGCACAA-AAGAAACAGCAUAUUGACACCUGGGA--UAGACC-GGAG 181  
MBFV-NC\_032088.1 CUAAAAGCGGAGCAUCCCGCG-----NNNNNNNNAGAGGUUAGAGGAGACCCCAUAUCCGCAAA-ACAAACAGCAUAUUGACACCUGGGA--UAGACUAGGAG 186  
MBFV-NC\_009029.2 CUAAAAGCGCGGUGCGUCCCGCG-----NNNNNNNNAGAGG--AGACCCUCCCACAAAGAAGCGCAAACACAAACAGCAUAUUGACACCUGGGA--AAGACUAGGGG 185  
MBFV-NC\_012735.1 UGGUAGCGGCUAGA-----GUGANNNNNNN--C-CCAUCCCUCCCGAGCACACAUAGC-GGACCAUAUUGACGCCAGGGA---AAGACC-GGAG 174  
MBFV-NC\_008719.1 UGGUGAGGCCCAAG-----GCCANNNNNNN--GAGGAGACCCUCCGAGCAC-UAUAGC-GGACCAUAUUGACGCCUGGGA---AAGACC-GGAG 174  
MBFV-NC\_002031.1 UGGU-ACGACGAGGAGUUCGCUCCUUGUNNNNNNN--GAGACCCUCCGGGGAACAAAUAGUGGGACCAUAUUGACGCCAGGGA---AAGACC-GGAG 173  
TBFV-NC\_027709.1 CGAGUGUCGAAAGAGACCGCAA-----NNNNNNNNCUCUCUUCAGGAUUUUUCCUCCUCCU-----AUACCAA-UUCCCCCUCGACAGAGGGGGGGCGG 176  
TBFV-NC\_001672.1 CGAGUGUCGAAAGAGACCGCAA-----NNNNNNNNCUCUCUUCAGGAUUUUUCCUCCUCCU-----AUACCAA-UUCCCCCUCGGUAGAGGGGGGGCGG 176  
TBFV-NC\_001809.1 CGAGUGUCGAAAGAGACCGCAA-----NNNNNNNN-UCUUCUACGGUUUUUCCUCCUCCU-----AUACCAA-UUCCCCCUCGACAGAGGGGGGGCGG 176  
TBFV-NC\_005062.1 CGAGUGUCGAAAGAGACCGCUA-----NNNNNNNNCUCUCUUCAGGAAAUUCCUCCUCCU-----AUACCAA-UUCCCCCUCUACUGAGGGGGGGCGG 176  
TBFV-NC\_003690.1 CGAGCGUCGAAAGUGGCCCAA-----NNNNNNNNCUCUCUUCAGGAUAUUUCCUCCUCCU-----AUACCAA-UUCCCCCUCGACAGAGGGGGGGCGG 176  
TBFV-NC\_003687.1 CGAAGCUUAAAGUGACCGCAAUAAGUNNNNNNN-UCUCCGGGAUUUUUCCGCGUCCU-----AUACUAUUUCCCCAGGAACUAGGGGGGGCGG 176  
MBFV-NC\_018705.3 CUAAAAGCGCGCGCAUCC-----NNNNNNNNCCCCGCGGAAAUCAAAGCAAGGCCCAACCUG--GCAAAGCUGUAAAACAGGGGAAGGACUAGAGGUUAGAGG 187  
..110.....120.....130.....140.....150.....160.....170.....180.....190.....200.....210..



MBFV-NC\_012532.1 ACUCCAUGAGUUUCCA-CCACGUCUGCCGCGCAGGCACAGAUCCGGAACUUCG-GCGGCCG-GUGUGGG-GAAAUCCAUG-GUUUCU 258  
MBFV-NC\_035889.1 ACUCCAUGAGUUUCCA-CCACGUCUGCCGCGCAGGCACAGAUCCGGAUAGCG-CCGCCCG-GUGUGGG-GAAAUCCAUG-GGUUCU 258  
MBFV-NC\_002640.1 AGAUCCUG-CUGUCUC-UGCAACAUAUUAUCCAGGCACAGAGCCGCAAGAUG-GAUUGU-GUUGUUG---AUCCAACA-GGUUCU 258  
MBFV-NC\_001477.1 AGAUCCUG-CUGUCUC-UACAGCAUAUUAUCCAGGCACAGAACGCAAAAAAUG-GAAUGGU-GCUGUUG---AAUCAACA-GGUUCU 258  
MBFV-NC\_001475.2 AGAUCCUG-CUGUCUC-CUCAGCAUAUUAUCCAGGCACAGAACGCAAGAAAAUG-GAAUGGU-GCUGUUG---AAUCAACA-GGUUCU 258  
MBFV-NC\_001474.2 AGAUCCUG-CUGUCUC-CUCAGCAUAUUAUCCAGGCACAGAACGCAAGAAAAUG-GAAUGGU-GCUGUUG---AAUCAACA-GGUUCU 258  
MBFV-NC\_012533.1 ACUCUGUUGGCUUCC-CCACACCAGCCCGCUGGCACAGAGCCGAGAG--UC-GGGGCU-GGUGUGGAGCAACCCAAC-AGGACU 258  
MBFV-NC\_009028.2 AUCCUCUGCUUUC--CAUACCCAGCCCAUAGGCACAGAUCCGCG-CAAGUA-CUGGCUG-GUGGUG---AAAAACAUAGGAUCU 258  
MBFV-NC\_040776.1 ACCCUCUGCUCUG---CAACACCAGCCACUAGGCACAGAUCCGCG-AAAUUCU-GUGGCUG-GUGCUG---CAAAACACA-GGAUCU 258  
MBFV-NC\_034151.1 ACCCUCUGCUUUAUU--CAACACCAGCCACUCCGACAGAACCGCG-UAAGU-GUGGCUG-GUGGUGAAAAUAAACACAGAG-UCU 258  
MBFV-NC\_000943.1 AUCUUCUGCUCUAUUC-CAACAUCAGUACAAGGCACCGAGCCGCG-AACACU-GUGACUG-AUGGGGGGAGAAGACCACA-GGAUCU 258  
MBFV-NC\_006551.1 AUCUUCUGCUCUAUUC-CAACAUCACCACUAGGCACAGAGCCGCG-AAAAU-GUGGCUG-GUGGGGAACUAGACCACA-GGAUCU 258  
MBFV-NC\_001437.1 AUCUUCUGCUCUAUUC-CAACAUCAGUACAAGGCACAGAGCCGCG-AAGUAU-GUAGCUG-GUGGUGAGGAAGAACACA-GGAUCU 258  
MBFV-NC\_007580.2 AGAUCCCGUGCUUUU-CAACACCAGCCACAAGGCACAGAGCCGCG-UAAAGU-GUGGCUG-GUGGUGAAAAA-AUCACA-GGAUCU 258  
MBFV-NC\_001563.2 AUCUUCUGCUCU---G-CACAACCAGCCACGCGACAGUCCGCG-ACAUAG-GUGGCUG-GUGGUGCU--AGAACACA-GGAUCU 258  
MBFV-NC\_009942.1 AUCUUCUGCUCU---G-CACAACCAGCCACGCGACAGUCCGCG-ACAUAG-GUGGCUG-GUGGUGCG--AGAACACA-GGAUCU 258  
MBFV-NC\_012534.1 ACCCUCUGUCCUA--A-CAACACCAGCCAUCCGACAGAGCCGCG-UAAG-U-GUGGCUG-GUGGUG--GUAGAACACA-GUGUCU 258  
MBFV-NC\_015843.2 ACCCUCUGUCCUA--A-CAACACCAGCCAUUUGACAGAUCCGCG-AAAG-U-GUGGCUG-GUGGUG--GUAGAACACA-GGAUCU 258  
MBFV-NC\_009026.2 AAUUGCGGCCU--CG-CAACACUCCACCCGACAGAACCGCG-ACA-UG-GUGGGAG-GGGUCG---UAAGACACCAGAUUCU 258  
MBFV-NC\_032088.1 AUCCGCGUCUCU---GGAACCCAGUUCUAGGCACAGAACCGCG-UAA-U-GAACUG-GGUGCC---AAAAACCC-GAAUCU 258  
MBFV-NC\_009029.2 AUUUGCUGCUCU---GGACUUCGCGCUCUCGACAGAACCGCG-UUGA-G-GAGCCG-AGGCC---AAAACACC-AGAUCU 258  
MBFV-NC\_012735.1 ACACUCCUUGAUUCUACCUUUUCUGCCCUAAGACAGAUUGCU--GAAUGCAGGGCGG-GGAAGUUGGAACCAACUAGUGUCU 258  
MBFV-NC\_008719.1 ACACUCCUUGAUUCUACCUUUUCUACCUUUAAGACAGAUUGCU--GAAUGCAGGGCGG-GGAAGUUGGAACCAACUAGUGUCU 258  
MBFV-NC\_002031.1 UGGUUCUCUGCUUUUCCUCCAGAGGUCUGU-GAGACAGUUUGCUCAAGAAUAGCAGACC-UUUGGAUGACAAACACAAAACCACU 258  
TBFV-NC\_027709.1 UUCUUGUUCUCCCGGAGC--CACCACACCCAGACACAGAUAGUCUGACAAGGAGGUGAUGCGUGACUCGGA AAAACACCCG---CU 258  
TBFV-NC\_001672.1 UUCUUGUUCUCCCGAGC--CACCACACCCAGACACAGGUAUCUGACAAGGAGGUGAUGUGUGACUCGGA AAAACACCCG---CU 258  
TBFV-NC\_001809.1 UUCUUGUUCUCCCGAGC--CACCACACCCAGACACAGAUAGUCUGACAAGGAGGUGAUGUGUGACUCGGA AAAACACCCG---CU 258  
TBFV-NC\_005062.1 UUCUUGUUCUCCCGAGC--CACCACACCCAGACACAGGCAGUUAACAAGGAGGUGAUGUGUGACUCGGAACAACACCCG---CU 258  
TBFV-NC\_003690.1 UUCUUGUUCUCCCGAGC--CACCACACCCUAGACACAGAUAGUCUGAAAAGGAGGUGAUGCGUGUCUCGGA AAAACACCCG---CU 258  
TBFV-NC\_003687.1 UUCUUGUUCUCCCGAGC--CACCACCAUCCAGGCACAGAUAGUCUGACAAGGAGGUGAUGUGUGACUCGGA AAAACACCCG---CU 258  
MBFV-NC\_018705.3 AGACCCCUUGCGAGUGAACACCACACAAAACAUAUA-----UUGACACCUGGGAAA--GACUAGGAGACCCUC---UGU 258  
.....220.....230.....240.....250.....260.....270.....280.....290.....

