

MBFV-NC\_012735.1 -----UUUCUACUGAAAGGAGUAGAAGAA-AGGAGAUUCAUUC-CCAAUGGCCAA 47  
MBFV-NC\_008719.1 -----UUUCUACUGAAAGG-GUAGAGAAA-AGGAGUUUUGCCUU-CUCAUGGCCAA 47  
MBFV-NC\_002031.1 -----AAUUCGUUCGUAGAGCG-AUUAGCA-GAGACUGAGCG-AACAUGUC-- 45  
MBFV-NC\_012532.1 AAC-----AGGUUU-----AAUUUGGAUUUGGAAACGAGUUUCUGG--UCAUGAAAA 47  
MBFV-NC\_035889.1 ACA-----GGUUUU-----AUUUUGGAUUUGGAAACGAGUUUCUGG--UCAUGAAAA 47  
MBFV-NC\_012533.1 AAC-----AGUUUU-----CGUGUUGAGAAAAGAAAACAGAUUCUUCGG--AAAUGAAAA 47  
MBFV-NC\_002640.1 -----UCUAACAGUUUGUUUGAAUAGAGAGCAG-AUCUCUGGAAAAAUG---A 44  
MBFV-NC\_001477.1 ACG-----UAGUUCUAACAGUUU-UUU-AUUAGAGAGCAG-AUCUCUG-----AUGAACA 47  
MBFV-NC\_001475.2 ACG-----UAGUGCUGACAGUUU-UUU-AUUAGAGAGCAG-AUCUCUG-----AUGAACA 47  
MBFV-NC\_001474.2 -CG-----UAGUUCUAACAGUUU-UUUAAUUAGAGAGCAG-AUCUCUG-----AUGAAUA 47  
MBFV-NC\_009028.2 U-U-U---UAACACAGUCUGAAUAGUUUUUUAGCA-AGGGA-UUUC---AUGUCUA 47  
MBFV-NC\_040776.1 U-U-U---UAACACAGUCUGAAUAGUUUUUUAGCA-GAGGU-ACUACC---AUGUCUA 47  
MBFV-NC\_001563.2 A--U-U---UAACACAGUGCGAGCUGUUUCUUGGCACGAAU-UCU-CG---AUGUCUA 47  
MBFV-NC\_009942.1 A--U-U---UAACACAGUGCGAGCUGUUUCUUGGCACGAAU-UCU-CG---AUGUCUA 47  
MBFV-NC\_034151.1 -----UAACACAGUGUGAAUAGUUUUUUUGAACAGAGUGAAAACC---AUGUCUA 47  
MBFV-NC\_001437.1 ---U-----UAGUGCAGUUUAAACAGUUUUUUUGAACGGAAG-AUAACC---AUGACUA 47  
MBFV-NC\_007580.2 ---U-----AACUUGACUGCGAACAGUUUUUUUGAGCGGGAU-UACCCA---AUGUCUA 47  
MBFV-NC\_012534.1 CCGU---AAACACAGUUUGAAC-GUUUUUUUGGAG-AGAGA--UUUU---AUGUUUA 47  
MBFV-NC\_015843.2 ACGU---AAACACAGUUUGAAC-GUUUUUUUGGAU-AGAGA--CAACU---AUGUCUA 47  
MBFV-NC\_000943.1 -----UAACCGGUGUUGAACAGUUUUUUUGGAGCUUUUGAUUUCAA---AUGUCUA 47  
MBFV-NC\_009029.2 UGAUUACAUAACACAGUGUGAACAAAGUUUUUUUGAACAGCA--AUGACCA 47  
MBFV-NC\_009026.2 AG-----AAAAGUUUUCGAGGAAAGACGAGAAGCGAAUU-CUCUGA-----AUGGCUA 47  
.....10.....20.....30.....40.....50.....6



.....)).....((.....((((.....  
MBFV-NC\_012735.1 CAAAGGGGAUGAAUAAGUCUCGGGCUCGAUCCCGAGGCGUCAAUUUGGUAGCGGCUAGA- 106  
MBFV-NC\_008719.1 CAAGAGGAGCAAGCAAGUCUCGGGUCACGACCCGGGGCGUCAAUUUGGUGACGGCCAAG- 106  
MBFV-NC\_002031.1 -----UGGUCGUAAAGCUCAGGGAAAAACCCUGGGCGUCAAUUUGGU-ACGACGAGGA 97  
MBFV-NC\_012532.1 -ACCCCAAAGAAGAAAU--CCGGAGGA-UCGGAUUGUCAAUUUGCUAAAACCGCGGAGUA 103  
MBFV-NC\_035889.1 -A-CCCAAAAAGAAAU--CCGGAGGAUUCGGAUUGUCAAUUUGCUAAAACCGCGGAGUA 103  
MBFV-NC\_012533.1 ---CCCAAAAAGG-----GCCGCAUCGCGGCCUAUCAAUUUGCUGAAGCGCUUUGGA 97  
MBFV-NC\_002640.1 -A--CCAACGAAAAAG--GUG--GUUAGACACCUUUCAAUUUGCUGAAACCGCGAGAGA 97  
MBFV-NC\_001477.1 -A--CCAACGGAAGAAG--ACG--GGUCGACCGUCUUUCAAUUUGCUGAAACCGCGGAGA 100  
MBFV-NC\_001475.2 -A--CCAACGGAAGAAG--ACG--GGAAAA--CGUCUAUCAAUUUGCUGAAACCGCGUGAGA 100  
MBFV-NC\_001474.2 -A--CCAACGGAAGAAG--GCG--AAAAACACGCCUUUCAAUUUGCUGAAACCGCGAGAGA 100  
MBFV-NC\_009028.2 ---AAAAACCAGGAAAGUCGCGUCGCAAGGCGGACUGUCAAUUUGCUAAAACCGCCUGGCU 103  
MBFV-NC\_040776.1 ---AAAAACCAGGAGGACCCGCGGAAGGCGGGUUGUCAAUUUGCUGAAACCGCCAGACC 103  
MBFV-NC\_001563.2 ---AGAAACCAGGAGGGGCCCGGUAAAAACCGGGCUGUCAAUUUGCUAAAACCGCGUAUG 103  
MBFV-NC\_009942.1 ---AGAAACCAGGAGGGGCCCGGCAAGAGCCGGGCUGUCAAUUUGCUAAAACCGCGGAUG 103  
MBFV-NC\_034151.1 ---AAAAACCAGGAGGACCCGGAAAGAACCGGGUCGUUAAUUGCUGAAGCGCAACUCC 103  
MBFV-NC\_001437.1 ---AAAAACCAGGAGGGGCCCGGUAAAAACCGGGCUAUUCAAUUUGCUGAAACCGCGGCCUA 103  
MBFV-NC\_007580.2 ---AAAAACCAGGAAACCCCGGUAGAAACCGGGUUGUCAAUUUGCUAAAACCGCGGCGUA 103  
MBFV-NC\_012534.1 -ACAAAAAACCCAGGAAACCCGGGGCAACC--GGGUUGUCAAUUUGCUAAAAGCGCGGUGCA 106  
MBFV-NC\_015843.2 -ACAAAAAACCCAGGAAGACCCCGGUCACGGCCGGGUUGUCAAUUUGCUAAAAGCGCGGAACG 106  
MBFV-NC\_000943.1 ---AAAAACCAGGAGGACCCGGGAAGCCC--GGGUCGUUCAAUUUGCUAAAACCGCGCAUA 103  
MBFV-NC\_009029.2 ---AAAAACCAGGAAGGCCCGGUAGAAAU--GGGCCGUCAAUUUGCUAAAAGCGCGGUGCG 103  
MBFV-NC\_009026.2 ---GAAACCAGGAAGACCCGGAGGAACCGGGUCGUUCAAUUUGCUAAAAGCGUACGGCG 103  
0.....70.....80.....90.....100.....110.....1



.....))))).....((.....((((.....  
MBFV-NC\_012735.1 -----GUGANNNNNNNN-----C-CCAUUCUCCUCCCGAGCACACAUAGC-GGAC 147  
MBFV-NC\_008719.1 -----GCCANNNNNNNN-----GAGGAGACCCUCCCGAGCAC-UAUAGC-GGAC 147  
MBFV-NC\_002031.1 GUUCGCUCCUUGUNNNNNNN-----GAGACCCUCCAGGGAACAAUAGUGGGAC 146  
MBFV-NC\_012532.1 GCCCGUG-----NNNNNNNN-----GGUUAGAGGAGACCCCCCGGAAAACGCAAAAC 149  
MBFV-NC\_035889.1 GCCCGUG-----NNNNNNNN-----GUUAGGAGGACCCCCCGGAAAACGCAAAAC 148  
MBFV-NC\_012533.1 UCUAGCGCUGGCCNNNNNNNN-----GAGACCCCGCGCCCCCAUAAACCAUAAAAAC 149  
MBFV-NC\_002640.1 AACCGCGUAUCAANNNNNNNN--ACUAGAGGUUAGAGGAGACCCCCCAACA--CAAAAAC 153  
MBFV-NC\_001477.1 AACCGCGUGU--NNNNNNNN--UAGAGGUUAGAGGAGACCCCCCGCACACAACAACAAC 153  
MBFV-NC\_001475.2 AACCGUGUGU--NNNNNNNN--ACUAGAGGUUAGAGGAGACCCCCCG--CAAAUAAAAAC 153  
MBFV-NC\_001474.2 AACCGCGUGU--NNNNNNNN--CUAGAGGUUAGAGGAGACCCCCC--CGAAACAAAAAAC 153  
MBFV-NC\_009028.2 AGCGUGU-----NNNNNNNN--GUGGAGACCCUCAGCAC--CAAGCGCGAA--ACAAAC 151  
MBFV-NC\_040776.1 AGCGUUU-----NNNNNNNN--A-GGAGACCCUUGGCACACAAGCGCAAA--GACAAAC 152  
MBFV-NC\_001563.2 CCCC CGC-----NNNNNNNN--GAGGACCCCGUGCCA-AAAACACCA-A-ACAAAC 151  
MBFV-NC\_009942.1 CCCC CGC-----NNNNNNNN--GGAGACCCCGUGGCCACAAAACACCA-A-AGAAAC 151  
MBFV-NC\_034151.1 CGCGCUA-----NNNNNNNN--AGACCCCUUGGCAGUGAAC-GCAA-UAAAAAC 148  
MBFV-NC\_001437.1 CCCC CGC-----NNNNNNNN--UAGAGGAGACCCCC--GCAUUU--GC-----AUCAAC 145  
MBFV-NC\_007580.2 UCCC CGC-----NNNNNNNUUAGAGGAGACCCCUUGCCGUUACGC-----AAACAAC 151  
MBFV-NC\_012534.1 UCCC-----NNNNNNNN-----GGAGACCCCUUGCGAGUUAAACACCAAA-ACAAAC 151  
MBFV-NC\_015843.2 UCCC-----NNNNNNNN-----AGGAGACCCCUUGCGAGUGAACACCACA-A-GAAAC 151  
MBFV-NC\_000943.1 CCCC CGC-----NNNNNNNN-----GACCCCA--CUCUAAAAGCAUC-AAACAAC 145  
MBFV-NC\_009029.2 UCCC CGC-----NNNNNNNN--AGAGGAGACCCUCCCAAAAGAACGCAACACAAAAAC 155  
MBFV-NC\_009026.2 GCCAACG-----NNNNNNNNCCCUUGG-----CAAAACAGUUAACGCACCAAAAGAAAC 152  
20.....130.....140.....150.....160.....170.....1



))))))))).....((.....((((.....  
MBFV-NC\_012735.1 CAUAUUGACGCCAGGGA--AAGACCGGAGACUCCUUGAUUCUACCCUUUCUCGCCU 204  
MBFV-NC\_008719.1 CAUAUUGACGCCUGGGA--AAGACCGGAGACACUCCUUGAUUCUACCCUUUCUACCCU 204  
MBFV-NC\_002031.1 CAUAUUGACGCCAGGGA--AAGACCGGAGUGGUUCUCUGCUUUUC-CUCCAGAGGUCU 202  
MBFV-NC\_012532.1 AGCAUAUUGACG--UGGGA-AAGACCAG-AGACUCCAUGAGUUUCCACCACGUGGCCG 205  
MBFV-NC\_035889.1 AGCAUAUUGACG-CUGGGA-AAGACCAG-AGACUCCAUGAGUUUCCACCACGUGGCCG 205  
MBFV-NC\_012533.1 AGCAUAUUGACACCUGGGA-AAGACCGG-AGACUCUGUUGGCUUUCACACACCAGCCC 207  
MBFV-NC\_002640.1 AGCAUAUUGACG-CUGGGA-AAGACCAG-AGAUCUGCU-GUCUCUGCAACAUA--AUC 207  
MBFV-NC\_001477.1 AGCAUAUUGACG-CUGGGA-GAGACCAG-AGAUCUGCU-GUCUCUACAGCAUA--UUC 207  
MBFV-NC\_001475.2 AGCAUAUUGACG-CUGGGA-GAGACCAG-AGAUCUGCU-GUCUCCACAGCAUA--UUC 207  
MBFV-NC\_001474.2 AGCAUAUUGACG-CUGGGA-AAGACCAG-AGAUCUGCU-GUCUCCACAGCAUA--UUC 207  
MBFV-NC\_009028.2 AGCAUAUUGACGCCUGGGA-AAGACCGGGA-GAUCUUCUGCU--UUCUACACCAGCCA 207  
MBFV-NC\_040776.1 AGCAUAUUGACACCUGGGA-AAGACCGGGA-GACCUUCUGCU--CUGCAACACCAGCCA 208  
MBFV-NC\_001563.2 AGCAUAUUGACACCUGGGA-UAGACUAGGG-GAUCUUCUGCU--CUGCACAACCAGCCA 207  
MBFV-NC\_009942.1 AGCAUAUUGACACCUGGGA-UAGACUAGGA-GAUCUUCUGCU--CUGCACAACCAGCCA 207  
MBFV-NC\_034151.1 AGCAUAUUGACACCUGGGA-UAGACUAGGGA-GACCUUCUGCUUUAUUAACACCAGCCA 206  
MBFV-NC\_001437.1 AGCAUAUUGACACCUGGGAUAGACUGGGAGAUUCUGUCUUAUCUACAACUACGCUAC 205  
MBFV-NC\_007580.2 AGCAUAUUGACACCUGGAA--AGACAG--GAGAUCCUUGCUUUUUUUAACACCAGCCA 206  
MBFV-NC\_012534.1 AGCAUAUUGACACCUGGGA-GAGACUAGGAGACCUCUGUCC--UAACAACACCAGCCA 208  
MBFV-NC\_015843.2 AGCAUAUUGACACCUGGGA-UAGACUAGGAGACCUCUGUCC--UAACAACACCAGCCA 208  
MBFV-NC\_000943.1 AGCAUAUUGACACCUGGGAAGAGACUAGGAGAUUCUGUCUUAUUAACUACAGUCAC 205  
MBFV-NC\_009029.2 AGCAUAUUGACACCUGGGA-AAGACUAGGGGAUUCUGUCUGUGG--ACUUCGGGCU 210  
MBFV-NC\_009026.2 AGCAUAUUGACACCUGGGA-UAGACCGG--AGAUUUGCUGCCUCGCAACACCUCCCA 208  
80.....190.....200.....210.....220.....230.....2



..((((.....))).....))))).....((((.....  
MBFV-NC\_012735.1 AAAGCACAGAUUGCUU--GAAUGCAGGGCGGGGAAGUUGAGAACCAACUAGUGUCU 258  
MBFV-NC\_008719.1 UAAGCACAGAUUGCUU--GAAUGCAGGGUGGGGAAGUUGGGAACCAACUAGUGUCU 258  
MBFV-NC\_002031.1 UGAGCACAGAUUGCUAAGAAUAGCAGACCUUGGAUGACAAACACAAAGCCACU 258  
MBFV-NC\_012532.1 CAGGCACAGAUUGCC--GAACUUCGCGGCCGGUGUGGGGAAAUCCAUGGUUUUCU 258  
MBFV-NC\_035889.1 CAGGCACAGAUUGCC--GAUAGCGCGGCCGGUGUGGGGAAAUCCAUGGGUCUU 258  
MBFV-NC\_012533.1 CUGGCACAGAGCGCC--AGAUCGGGGUUGGUGGAGCAACCCACAGGACU 258  
MBFV-NC\_002640.1 CAGGCACAGAGCGCC--GCAAGAU--GAUUGGUGUUGUUGAUCAACAGGUUUCU 258  
MBFV-NC\_001477.1 CAGGCACAGAACGCC--AAAAAUUG--GAAUGGUGCUGUUGAAUCAACAGGUUUCU 258  
MBFV-NC\_001475.2 CAGGCACAGAACGCC--AGAAAAUG--GAAUGGUGCUGUUGAAUCAACAGGUUUCU 258  
MBFV-NC\_001474.2 CAGGCACAGAACGCC--AGAAAAUG--GAAUGGUGCUGUUGAAUCAACAGGUUUCU 258  
MBFV-NC\_009028.2 UAGGCACAGAUUGCC--GCAAGUAUGGCUGGUGGUGAAA--AACACUAGGAUCU 258  
MBFV-NC\_040776.1 UAGGCACAGAUUGCC--GAAAUUGUGGCUGGUGUGCA--AACACA-GGAUCU 258  
MBFV-NC\_001563.2 ACGGCACAGUGCGCC--GACAUAGUGGCUGGUGGUGCUA--GAACACAGGAUCU 258  
MBFV-NC\_009942.1 ACGGCACAGUGCGCC--GACAUAUGUGGCUGGUGGUGCGA--GAACACAGGAUCU 258  
MBFV-NC\_034151.1 UCGGCACAGAACGCC--GUAAGU--UGGCUGGUGGUGAAAAUAAACACAGAGUCU 258  
MBFV-NC\_001437.1 UAGGCACAGAGCGCC--GAAGUAUGUGGCUGGUGGUGAGGAAGAACACAGGAUCU 258  
MBFV-NC\_007580.2 AAGGCACAGAGCGCC--GUAAGU--UGGCUGGUGGUGGUA--AAAAUACACAGGAUCU 258  
MBFV-NC\_012534.1 CCGGCACAGAGCGCC--GUAAGU--UGGCUGGUGGUGGUA--GAACACAGUGUCU 258  
MBFV-NC\_015843.2 UUGGCACAGAUUGCC--GAAAGU--UGGCUGGUGGUGGUA--GAACACAGGAUCU 258  
MBFV-NC\_000943.2 AAGGCACCGAGCGCC--GAACACUGAGCUGAGGGGAGAGAACACACAGGAUCU 258  
MBFV-NC\_009029.2 UCGGCACAGAACGCC--GU--UGAGGAGCCGAGGCCCAA--AACACAGGAUCU 258  
MBFV-NC\_009026.2 CCGGCACAGAACGCC--GACA-UGUGGGAGGGGUCGUAA--GACACCAGAUUCU 258  
40.....250.....260.....270.....280.....290....

