

MBFV-NC\_002031.1 UAAUCGUUCGUUGAGCGAUUAGCAG-----AGAACUGAC-CAGAACAUGUC----- 45  
MBFV-NC\_012735.1 -UUUCUACUGAAAGGAGUAGAAGAA-----AGGAGAUUCAUUCUCCAAUGGCCAACAAAG 52  
MBFV-NC\_008719.1 AUUUCUACUGAAAGG-GUAGAGAAA-----AGGAGUUUGCUUUCUACUGGCCAACAAAG 52  
MBFV-NC\_012532.1 AACAGGUUU-----AAUUUGGAUUUGGAAACGAGAG-UUUCUGGUCAUGAAAAACCCC 52  
MBFV-NC\_035889.1 ACAGGUUUU-----AUUUUGGAUUUGGAAACGAGAG-UUUCUGGUCAUGAAAAA-CCC 51  
MBFV-NC\_012533.1 AACAGUUUU-----CGGUUGAGAAAGAAAACAGAU-UCUUCGGAUUUGAAAA-CCC 50  
MBFV-NC\_001474.2 -CGUAGUUCUA-ACAGUUU-UUUAAUUAGAGAGCAGAUUCUCUG-----AUGAAUAA--CC 50  
MBFV-NC\_001477.1 ACGUAGUUCUA-ACAGUUU-UUU-AUUAGAGAGCAGAUUCUCUG-----AUGAACAA--CC 50  
MBFV-NC\_001475.2 ACGUAGUGCUG-ACAGUUU-UUU-AUUAGAGAGCAGAUUCUCUG-----AUGAACAA--CC 50  
MBFV-NC\_002640.1 -----UCUA-ACAGUUUGUUUGAAUAGAGAGCAGAUUCUCUGGAAAAAUG-----AA--CC 47  
MBFV-NC\_009028.2 U--U----UAACACAGUCUGAAUAGUUUUUU-AGCAAGGGA-UUUCUCCAUUGUCU---AAA 49  
MBFV-NC\_040776.1 U--U----UAACACAGUCUGAAUAGUUUUUU-AGCAGAGGU-ACUACCAUGUCU---AAA 49  
MBFV-NC\_034151.1 -----UAACACAGUGUGAAUAGUUUUUUAGAACAGAGGUGAAACCAUGUCU---AAA 49  
MBFV-NC\_001563.2 A--U----UAACACAGUGCGAGCUGUUUCUUGGCAC-GAAGAUCUC-GAUGUCU---AAG 49  
MBFV-NC\_009942.1 A--U----UAACACAGUGCGAGCUGUUUCUUGGCAC-GAAGAUCUC-GAUGUCU---AAG 49  
MBFV-NC\_000943.1 -----UAACCGGUGUUGAACAGUUUUUUGGAGCUUUUGAUUUCAAUAGUCU---AAA 49  
MBFV-NC\_006551.1 ---U----UAACACAGUGCCGGCAGUUUCUUGAGC-GUUGAUUUUCAUAGUCU---AAG 49  
MBFV-NC\_001437.1 ---U----UAGUGCAGUUUAAACAGUUUUUUAGAACCGGAAGAUAAAC-AUGACU---AAA 49  
MBFV-NC\_007580.2 ---U----AACUAGCUGCGAACAGUUUUUUAGCAGGGAAU-UACCCAAUGUCU---AAA 49  
CCGU----AAACACAGUUUGAAC-GUUUUUUGGAGAGAGAUUAAU-----AUGUUUAAACAA 52  
ACGU----AAACACAGUUUGAAC-GUUUUUUGGAGAUAGAGACAACU---AUGUCUAAACAA 52  
UGAUUACAUAACACAGUGUGAACAGUUUUUUGAACAG-----C-----AAUGACC---AAA 49  
UC-----UAUAACUCAGUGUGAACAGUUUUUUGAUCAGUGGAU---AAUGACU---AAA 49  
AG-----AAAAGUUUCGAGGAAAGACGAGAAGCGAAUUCUCUG-AAUGGCU---AGA 49  
CCGUA-----AACACAGUUUGAACGUUUUUUGGAGAGAGACUACU---AUGUCAACAA 52  
.....10.....20.....30.....40.....50.....6



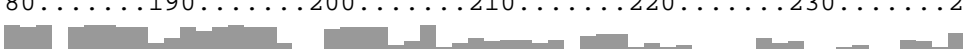
MBFV-NC\_002031.1 --UGGUCGUAAGCUCAGGGAAAAACCCUGGGCGUCAAUUUGGU-A--CGACGAGGAGUU 100  
MBFV-NC\_012735.1 GGGAUGAAUAAGUCUCGGGCUCGAUCCCGAGGCGUCAAUUUGGUAG--CGGCUAGA---- 106  
MBFV-NC\_008719.1 GGAGCAAGCAAGUCUCGGGUCACGACCCGGGGCGUCAAUUUGGUGA--CGGCCAAG---- 106  
MBFV-NC\_012532.1 AAAGAAGAAAU--CC--GGAGGA-UCCGGAUUGUCAAUUAGCUAAAACGCGGAGUAGCC 106  
MBFV-NC\_035889.1 AAAAAAGAAU--CC--GGAGGAUUCGGAUUGUCAAUUAGCUAAAACGCGGAGUAGCC 106  
MBFV-NC\_012533.1 AAAAAAGG-----GCCGCAUCGCGGCCUAUCAAUUAGCUGAAGCGCUUUGGAUCU 100  
MBFV-NC\_001474.2 AACGGAAAAAG--GC--G--AAAAACACGCCUUUCAAUUAGCUGAAACGCGAGAGAAAC 103  
MBFV-NC\_001477.1 AACGGAAAAAG--AC--G--GGUCGACCGUCUUUCAAUUAGCUGAAACGCGGAGAAAC 103  
MBFV-NC\_001475.2 AACGGAAAGAAG--AC--G--GGAAAACCGUCUAUCAAUUAGCUGAAACGCGUGAGAAAC 103  
MBFV-NC\_002640.1 AACGAAAAAAG--GU--G--GUUAGACCACCUUCAAUUAGCUGAAACGCGAGAGAAAC 100  
MBFV-NC\_009028.2 AAACCAGGAAAGUCC--GCUGCAAAGCGGACUGUCAAUUAGCUAAAACGCCUGGCUAGC 106  
MBFV-NC\_040776.1 AAACCAGGAGGACCC--GCCGGAAGGCGGUGUCAAUUAGCUGAAACGCCAGGCCAGC 106  
MBFV-NC\_034151.1 AAACCAGGAGGACCC--GGAAAGAACC GGUGUCGUUAAUAGCUGAAGCGCACAUCCCGC 106  
MBFV-NC\_001563.2 AAACCAGGAGGGCCC--GGUAAAAACCGGGCUGUCAAUUAGCUAAAACGCGGUAUGCCC 106  
MBFV-NC\_009942.1 AAACCAGGAGGGCCC--GGCAAGAGCGGGCUGUCAAUUAGCUAAAACGCGGAAUGCCC 106  
MBFV-NC\_000943.1 AAACCAGGAGGACCC--GGGAAGCCCCGGGUCGUCAAUUAGCUAAAACGCGGCAUACCC 106  
MBFV-NC\_006551.1 AAACCAGGAGGGCCC--GGAAGAACC CGGGCAUCAAUUAGCUGAAGCGCGGCAUACCC 106  
MBFV-NC\_001437.1 AAACCAGGAGGGCCC--GGUAAAAACCGGGCUUCAAUUAGCUAAAACGCGGCCUACCC 106  
MBFV-NC\_007580.2 AAACCAGGAAAAACCC--GGUAGAAACCGGGUUGUCAAUUAGCUAAAACGCGGGCUAUCC 106  
MBFV-NC\_012534.1 AAACCAGGAAAAACCC--GGGGCAACCCGGGUUGUCAAUUAGCUAAAGCGCGGUGCAUCC 109  
MBFV-NC\_015843.2 AAACCAGGAAGACCC--GGCUCAGGCCGGGUUGUCAAUUAGCUAAAGCGCGGAACGUCC 109  
MBFV-NC\_009029.2 AAACCAGGAAGGCC--GGUAGAAACCGGGCUGUCAAUUAGCUAAAGCGCGGUGCGUCC 106  
MBFV-NC\_032088.1 AAACCAGGAAAGUCC--GGCAAUCGUCGGACUGUCAAUUAGCUAAAGCGCGGAGCAUCC 106  
MBFV-NC\_009026.2 AAACCAGGAAGACCC--GGAGGAAACCGGGUCGUCAAUUAGCUAAAGCGUACGGCGGCC 106  
MBFV-NC\_018705.3 AAACCAGGAAGACCC--GGGGCAACCCGGGUUGUCAAUUAGCUAAAGCGCGGCGCAUCC 109  
0.....70.....80.....90.....100.....110.....1



MBFV-NC\_002031.1 CGCUCCUUGUNNNNNNNN-----GAGACCCUCCAGGGAACAAAUAGUGGGACC 147  
MBFV-NC\_012735.1 -----GUGANNNNNNN-----C-CCAUUCUCCUCCGAGCACACAUAGC-GGACC 148  
MBFV-NC\_008719.1 -----GCCANNNNNNN-----GAGGAGACCCUCCGAGCAC-UAUAGC-GGACC 148  
MBFV-NC\_012532.1 CGUG-----NNNNNNNN-----GGUAGAGGAGACCCCCCGGAAAACGCAAAACAGC 152  
MBFV-NC\_035889.1 CGUG-----NNNNNNNN-----GUUAGAGGAGACCCCCCGGAAAACGCAAAACAGC 151  
MBFV-NC\_012533.1 AGCGCUGGCCNNNNNNNN-----GAGACCCCCCGCGCCCAUAACCAACAUAAAACAGC 152  
MBFV-NC\_001474.2 CGCGUGU-----NNNNNNNN-----CUAGAGGUUAGAGGAGACCCCCC-CGAAACAAAAACAGC 156  
MBFV-NC\_001477.1 CGCGUGU-----NNNNNNNN-----UAGAGGUUAGAGGAGACCCCCCGCACAAACAACAGC 156  
MBFV-NC\_001475.2 CGUGUGU-----NNNNNNNN-----ACUAGAGGUUAGAGGAGACCCCCCG-CAAAUAAAAACAGC 156  
MBFV-NC\_002640.1 CGCGUAUCAANNNNNNN-----ACUAGAGGUUAGAGGAGACCCCCCGCAAC-CAAAAACAGC 156  
MBFV-NC\_009028.2 GUGU-----NNNNNNNN-----GUGGAGACCCCUCAGCAC-CAAGCGCGAA--ACAAACAGC 154  
MBFV-NC\_040776.1 GUUU-----NNNNNNNN-----A-GGAGACCCUUGGCACAGAACGCGCAA-GACAAACAGC 155  
MBFV-NC\_034151.1 GCUA-----NNNNNNNN-----AGACCCCUUGCAGUGAA-CGCAA-UAAAAACAGC 151  
MBFV-NC\_001563.2 CGCG-----NNNNNNNN-----GAGGAGACCCCGUGCCA-AAAACACCA-A-AAGAAACAGC 154  
MBFV-NC\_009942.1 CGCG-----NNNNNNNN-----GGAGACCCCGUGCCACAAAACACCACA-ACAAAACAGC 154  
MBFV-NC\_000943.1 CGCG-----NNNNNNNN-----GACCCCAUCUCAAAAGCAUC-AA-AA--AACAGC 148  
MBFV-NC\_006551.1 CGCG-----NNNNNNNN-----ACCCCGCA-UCAUAAGCAUCAAA-AA-AAACAGC 147  
MBFV-NC\_001437.1 CGCG-----NNNNNNNN-----UAGAGGAGACCCCGCAUUGUCAUC-A--AACAGC 148  
MBFV-NC\_007580.2 CGCG-----NNNNNNNNUAGAGGAGACCCCUUGCCGUUAA-----GC-AAACAACAGC 154  
MBFV-NC\_012534.1 C-----NNNNNNNN-----GGAGACCCUUGCGAGUUAACACCAA-ACAAAACAGC 154  
MBFV-NC\_015843.2 C-----NNNNNNNN-----AGGAGACCCCUUGCGAGUGAACACCACA-A-GAAACAGC 154  
MBFV-NC\_009029.2 CGCG-----NNNNNNNNAGAGG--AGACCCUCCACAAAGAAGCGCAAAACAAAACAGC 158  
MBFV-NC\_032088.1 CGCG-----NNNNNNNNAGAGGUUAGAGGAGACCCCAUACCGCAA-ACAAAACAGC 159  
MBFV-NC\_009026.2 AACG-----NNNNNNNCCCCUUG-----GCAAAACAGUUAACGCAACAAAAGAAACAGC 155  
MBFV-NC\_018705.3 C-----NNNNNNNN-----CCCCGCGGAAUCAAAGCAAGGCCCAACCUGGC 150  
20.....130.....140.....150.....160.....170.....1



MBFV-NC\_002031.1 AUA-UUGACGCAGGGAA--AGACGG-AGUGGUCUCUGUUUCCUCCAGGAGUCUG 203  
MBFV-NC\_012735.1 AUA-UUGACGCAGGGAA--AGACGG-AGACAUCUUCUAGUUAUCACCUUUCGCCCC 204  
MBFV-NC\_008719.1 AUA-UUGACGCUGGGAA--AGACGG-AGACAUCUUCUAGUUAUCACCUUUCGCCCC 204  
MBFV-NC\_012532.1 AUA-UUGACG-UGGGAA--AGACAGAGACU-CCAUGAGUUCCACCACGUGGCCGCC 206  
MBFV-NC\_035889.1 AUA-UUGACG-CUGGAA--AGACAGAGACU-CCAUGAGUUUCCACCACGUGGCCGCC 206  
MBFV-NC\_012533.1 AUA-UUGACACUGGGAA--AGACGGAGACUCUGUUGGCUUUCC-CCACACCAGCCCCC 208  
MBFV-NC\_001474.2 AUA-UUGACG-CUGGAA--AGACAGAGA-UCUGCUGUCUC--CUCAGCAUCAUUC 208  
MBFV-NC\_001477.1 AUA-UUGACG-CUGGAG--AGACAGAGA-UCUGCUGUCUC--UACAGCAUCAUUC 208  
MBFV-NC\_001475.2 AUA-UUGACG-CUGGAG--AGACAGAGA-UCUGCUGUCUC--CUCAGCAUCAUUC 208  
MBFV-NC\_002640.1 AUA-UUGACG-CUGGAA--AGACAGAGA-UCUGCUGUCUC--UGCAACAUCAUUC 208  
MBFV-NC\_009028.2 AUA-UUGACGCUGGGAA--AGACGGGAGAUUCU-CUGCUC--UCCAUCACCAGCCAC 207  
MBFV-NC\_040776.1 AUA-UUGACACUGGGAA--AGACGGGAGACCU-CUGCUC--UGCAACACCAGCCAC 208  
MBFV-NC\_034151.1 AUA-UUGACACUGGGAU--AGACUGGAGACCU-CUGCUGA-UUUAACACCAGCCAC 206  
MBFV-NC\_001563.2 AUA-UUGACACUGGGA-UAGACUAGGGGAUCUU-CUGCUCU--GCACAACCAGCCAC 207  
MBFV-NC\_009942.1 AUA-UUGACACUGGGA-UAGACUAGGAGAUUU-CUGCUCU--GCACAACCAGCCAC 207  
MBFV-NC\_000943.1 AUA-UUGACACUGGGAA-AAGACUAGGAGAUUU-CUGCUCUAUUCCAACAUCAGUCAC 205  
MBFV-NC\_006551.1 AUA-UUGACACUGGGAAUAGACUAGGAGAUUU-CUGCUCUAUUCCAACAUCACCAC 205  
MBFV-NC\_001437.1 AUA-UUGACACUGGGAAU-AGACUGGAGAUUU-CUGCUCUAUUCCAACAUCAGCUAC 205  
MBFV-NC\_007580.2 AUA-UUGACACUGGAAAGA---CAGGAGAUCC-CUGCUCU--UUAACACCAGCCAC 206  
MBFV-NC\_012534.1 AUA-UUGACACUGGGA--GAGACUAGGAGACCU-CUGUCCUAA--CAACACCAGCCAU 208  
MBFV-NC\_015843.2 AUA-UUGACACUGGGA-UAGACUAGGAGACCU-CUGUCCUAA--CAACACCAGCCAC 208  
MBFV-NC\_009029.2 AUA-UUGACACUGGGAA--AGACUAGGGAGAUUU-CUGCUC---UGGACUUCGGCUC 210  
MBFV-NC\_032088.1 AUA-UUGACACUGGGAU--AGACUAGGAGAUUCG-CUGCUC---UGGAACCCAGUUC 211  
MBFV-NC\_009026.2 AUA-UUGACACUGGGA--UAGACGG-AGAAUU--UGCUGCCUCGCAACACCUCCCAC 208  
MBFV-NC\_018705.3 AAAGCUGUAAACACAGGGAAGGACUAGAGGUUAGAGGAGACCCCUUGCGAG--UGAACAC 208  
80.....190.....200.....210.....220.....230.....2



MBFV-NC\_002031.1 ..((((.....))).....))))).....))))).....)).....)).....)) 258  
MBFV-NC\_012735.1 -GAGACAGUUUCUCAAGAAUAAAGCAGACUUUUGGAUGACAAACACAAAACCACU 258  
MBFV-NC\_008719.1 AAAGCACAGAUUGCUU--GAAUGCAGGGCGGGGAAGUUGAGAACCAACUAGUGUCU 258  
MBFV-NC\_012532.1 UAAGCACAGAUUGCUU--GAAUGCAGGGCGGGGAAGUUGGGAACCAACUAGUGUCU 258  
MBFV-NC\_035889.1 A-GGCACAGAUUGCCGA--ACUUCGGCGCGGUGUGGG-GAAAUCCAUGGUUUCU 258  
MBFV-NC\_012533.1 A-GGCACAGAUUGCCGA--AUAGCGCGCGGUGUGGG-GAAAUCCAUGGUUUCU 258  
MBFV-NC\_001474.2 U-GGCACAGAGCGCC---AGAUCGGAGUGUGUGGA-GCAACCCAAGAGGACU 258  
MBFV-NC\_001477.1 A-GGCACAGAGCGCCAG--AAAAUGGAAUGUGUCUGU--UGAAUCAACAGGUUCU 258  
MBFV-NC\_001475.2 A-GGCACAGAACGCCAA--AAAAUGGAAUGUGUCUGU--UGAAUCAACAGGUUCU 258  
MBFV-NC\_002640.1 A-GGCACAGAGCGCCCG--AAGAUGGAUUGUGUUGU--UGAUCCAACAGGUUCU 258  
MBFV-NC\_009028.2 UAGGCACAGAUUGCCGC--AAGUAUGGCGUGGUGUGAA--AAACACUAGGAUCU 258  
MBFV-NC\_040776.1 UAGGCACAGAUUGCCGA--AAUCUGUGGCGGUGUGCA--AAACACA-GGAUCU 258  
MBFV-NC\_034151.1 UCGGCACAGAGCGCCGU--AAGU-GUGGCGGUGUGGAAAAUAAACACA-GAGUCU 258  
MBFV-NC\_001563.2 ACGGCACAGUGCGCCGA--CAUAGUGGCGUGGUGUGC--UAGAACACA-GGAUCU 258  
MBFV-NC\_009942.1 ACGGCACAGUGCGCCGA--CAAUGUGGCGUGGUGUGC--GAGAACACA-GGAUCU 258  
MBFV-NC\_000943.1 AAGGCACCGAGCGCCGA--ACAUUGUGACUGAUGGGGAGAGACCACA-GGAUCU 258  
MBFV-NC\_006551.1 AAGGCACAGAGCGCCGA--AAAUUGUGGCGUGGUGGGAACUAGACCACA-GGAUCU 258  
MBFV-NC\_001437.1 UAGGCACAGAGCGCCGA--AGUAUGUAGCGUGGUGUGAGGAAGAACACA-GGAUCU 258  
MBFV-NC\_007580.2 AAGGCACAGAGCGCCGU--AAAGUGUGGCGUGGUGUGAA-AAAAACACA-GGAUCU 258  
MBFV-NC\_012534.1 CCGGCACAGAGCGCCGU--AAG-UUGGCGUGGUGUG--GUAGAACACA-GUGUCU 258  
MBFV-NC\_015843.2 UUGGCACAGAUUGCCGA--AAG-UUGGCGUGGUGUG--GUAGAACACA-GGAUCU 258  
MBFV-NC\_009029.2 UCGGCACAGAACCCGU--UGA-GAGCCGAGGCCCAA---AACAC-CAGAUUCU 258  
MBFV-NC\_032088.1 UAGGCACAGAGCGCCG--UAA-UGAACUGGGUGGCCAA---AACAC-CAGAUUCU 258  
MBFV-NC\_009026.2 CCGGCACAGAACCCGA--CA-UGUGGGGGGUGCCUAGAACACCA--GAUUCU 258  
MBFV-NC\_018705.3 CACACAAAAACAGC---AUUUUAGACAUUGGGAAGACUAGGAGACCC-UCUGU 258  
40.....250.....260.....270.....280.....290....

