

MBFV-NC\_012532.1 ----AUUUGGAUUUGGAAAC-GAGAG-UUUCUGG--UCAUGAAAAACCCCA--AAGAA-G 49  
MBFV-NC\_035889.1 ----UUUUGGAUUUGGAAAC-GAGAG-UUUCUGG--UCAUGAAAAA-CCCA--AAAAA-G 48  
MBFV-NC\_002640.1 -----UGUUUGAAUAGAGA-GCAGA-UCUCUGGAAAAAUG---AA--CCA--ACGAA-A 44  
MBFV-NC\_001477.1 AA-CAGUUUUUUAAUAGAGA-GCAGA-UCUCUG-----AUGAACAA--CCA--ACGGA-A 47  
MBFV-NC\_001475.2 GA-CAGUUUUUUAAUAGAGA-GCAGA-UCUCUG-----AUGAACAA--CCA--ACGGA-A 47  
MBFV-NC\_001474.2 AC-AGUUUUUUAAUAGAGA-GCAGA-UCUCUG-----AUGAAUAA--CCA--ACGGA-A 47  
MBFV-NC\_012533.1 -----GUGUUGAGAAAGAAA-ACAGAUUCUUCGG--AAAUGAAAAC--CCA--A---A-A 44  
MBFV-NC\_012534.1 -----AGUUUGAACGUUUUUUGGAGAGAGAUUAU---UAUGUUUAACAAAAAACCCAGG-A 51  
MBFV-NC\_015843.2 -----AGUUUGAACGUUUUUUGGAUAGAGACAAC---UAUGUCUAAACAAAAAACCCAGG-A 51  
MBFV-NC\_009029.2 ACACAGUGUGAACAGUUUUUUUGAACAGCA-----AUGACC-AAAAAAC--CAGG-A 48  
MBFV-NC\_032088.1 ----AGUGUGAACAGUUUUUUUGAUCAGUGGAU---AAUGACU-AAAAAAC--CAGG-A 48  
MBFV-NC\_000943.1 -U-GAACAGUUUUUUGGAGCUUUUGAUUUCAA-----AUGUCUAAAAAA--CCAGG-A 48  
MBFV-NC\_006551.1 GC-CGGCAGUUUCUUUGAGC-GUUGAUUUUCA-----AUGUCUAAAGAAA--CCAGG-A 48  
MBFV-NC\_001563.2 UG-CGAGCUGUUUCUUGGCACGAAGAUCUC-G-----AUGUCUAAAGAAA--CCAGG-A 48  
MBFV-NC\_009942.1 UG-CGAGCUGUUUCUAGCAGGAAGAUCUC-G-----AUGUCUAAAGAAA--CCAGG-A 48  
MBFV-NC\_009028.2 UC-UGAAUAGUUUUUAGCA-AGGGAUUUCCC-----AUGUCUAAAAAA--CCAGG-A 48  
MBFV-NC\_040776.1 UC-UGAAUAGUUUUUAGCA-GAGGUACUACC-----AUGUCUAAAAAA--CCAGG-A 48  
MBFV-NC\_007580.2 GC--GAACAGUUUUUU-AGC-AGGGAAUUAACC---AAUGUCUAAAAAA--CCAGG-A 48  
MBFV-NC\_034151.1 U---GAAUAG-UUUUUUGAACAGAGGUGAAAAAC---CAUGUCUAAAAAA--CCAGG-A 48  
MBFV-NC\_009026.2 U---CGAGGA-AAGACGAGAAGCGAAUUCUCUG---AAUGGCUAGAAAA--CCAGG-A 48  
MBFV-NC\_002031.1 -----UUGAGCGAUUAGCAG-AGAACUGACCAGA--ACAUGUCUGGU-----CGUAA-A 45  
MBFV-NC\_001437.1 U---UAAACAGUUUUUUAGAACGGA---AGAUAA--CCAUGACUAAAAAA--CCAGG-A 48  
MBFV-NC\_012735.1 -----AAGGAGUAGAGAAA-GGAGAUUCAUCC--CAAUGGCAACAAGGGGAUGAAUA 52  
MBFV-NC\_008719.1 -----AAAGGGUAGAGAAA-GGAGUUUUGCUUC--CAAUGGCAACAAGAGGAGCAAGCA 52  
.....10.....20.....30.....40.....50.....6



MBFV-NC\_012532.1 AAAUCCGGAGGAUCC-GGAUUGUCAAAUUGCUAAAACGCGGAGUAGCCCGUG----NNN 103  
MBFV-NC\_035889.1 AAAUCCGGAGGAUCCGGAUUGUCAAAUUGCUAAAACGCGGAGUAGCCCGUG----NNN 103  
MBFV-NC\_002640.1 AAAGGUGG-UUAGACCACCUUUUCAAAUUGCUGAAACGCGAGAGAAACCGCGUAUCAANN 103  
MBFV-NC\_001477.1 AAAGACGG-GUCGACCGUCUUUCAAAUUGCUGAAACGCGCGAGAAACCGCGUGU---NNN 103  
MBFV-NC\_001475.2 GAAGACGG-GAAAACCGUCUAUCAAAUUGCUGAAACGCGUGAGAAACCGUGUGU---NNN 103  
MBFV-NC\_001474.2 AAAGGCGA-AAAAACCGCCUUUCAAAUUGCUGAAACGCGAGAGAAACCGCGUGU---NNN 103  
MBFV-NC\_012533.1 AAGGGCCGCAUCG-CGGCCUAUCAAAUUGCUGAAGCGCUUUGGAUCUAGCGCUGGCCNNN 103  
MBFV-NC\_012534.1 AAACCCGGGGCAACCCGGGUUGUCAAAUUGCUAAAGCGCGGUGCAUCC-----NNN 103  
MBFV-NC\_015843.2 AGACCCGGCUCAGGCGGGUUGUCAAAUUGCUAAAGCGCGGAACGUCCC-----NNN 103  
MBFV-NC\_009029.2 AGGCCCGGUAAGAAUUGGGGCGUCAAAUUGCUAAAGCGCGGUGCGUCCCGCG----NNN 103  
MBFV-NC\_032088.1 AAGUCCGGCAUUCGUCGGACUGUCAAAUUGCUAAAGCGCGGAGCAUCCCGCG----NNN 103  
MBFV-NC\_000943.1 GGACCCGGGAAGCCCGGGUCGUCAAAUUGCUAAAACGCGGCAUACCCCGCG----NNN 103  
MBFV-NC\_006551.1 GGGCCCGGAAGAAACCGGGCCAUCAAAUUGCUGAAACGCGGCAUACCCCGCG----NNN 103  
MBFV-NC\_001563.2 GGGCCCGGUAAAAACCGGGCUGUCAAAUUGCUAAAACGCGGUAUGCCCGCG----NNN 103  
MBFV-NC\_009942.1 GGGCCCGGCAAGAGCCGGGUGUCAAAUUGCUAAAACGCGGAUUGCCCGCG----NNN 103  
MBFV-NC\_009028.2 AAGUCCGUGCAAAGCGGACUGUCAAAUUGCUAAAACGCCUGGCUAGCGUGU---NNN 103  
MBFV-NC\_040776.1 GGACCCGCGCGAAGGCGGGUUGUCAAAUUGCUGAAGCGCCAGCCAGCGUUU---NNN 103  
MBFV-NC\_007580.2 AAACCCGGUAGAAACCGGGUUGUCAAAUUGCUAAAACGCGGCGUAUCCCGCG----NNN 103  
MBFV-NC\_034151.1 GGACCCGGAAGAAACCGGGUCGUUAAUUGCUGAAGCGCACAUCCCGCGCUA---NNN 103  
MBFV-NC\_009026.2 AGACCCGGGAACCCGGGUGCGUCAAAUUGCUAAAGCGUACGGCGGCCAACG---NNN 103  
MBFV-NC\_002031.1 GCUCAGGGAAAAACCCUGGGCGUCAAAUUGGUACGACGAGGAGUUCGCUCCUUGU---NNN 103  
MBFV-NC\_001437.1 GGGCCCGGUAAAAACCGGGCUAUAUUGCUGAAGCGCGGCCUACCCCGCG----NNN 103  
MBFV-NC\_012735.1 AGUCUCGGGUCGAUCCGAGGCGUCAAAUUGGUAAGCGGUGA---GUGA---NNN 103  
MBFV-NC\_008719.1 AGUCUCGGGUCACGACCCGGGGGUGUCAAAUUGGUGACGGCCAAG---GCCA---NNN 103  
0.....70.....80.....90.....100.....110.....1



MBFV-NC\_012532.1 NNNNCC-CCGGAACACGCAAAACAGCAUAUUGAC-G--UGGGA--AAGACCA-GAGACUC 156  
MBFV-NC\_035889.1 NNNN-C-CCGGAACACGCAAAACAGCAUAUUGAC-G-CUGGGA--AAGACCA-GAGACUC 156  
MBFV-NC\_002640.1 NNNNCC-CCCCAACA--CAAAAACAGCAUAUUGACG-CUGGGA--AAGACCA-GAGAUCC 156  
MBFV-NC\_001477.1 NNNNCC-CGCACAAC--AACAAACAGCAUAUUGACG-CUGGGA--GAGACCA-GAGAUCC 156  
MBFV-NC\_001475.2 NNNNCC-CCCGCAAA--UAAAAACAGCAUAUUGACG-CUGGGA--GAGACCA-GAGAUCC 156  
MBFV-NC\_001474.2 NNNNCC-CCCGAAAC--AAAAAACAGCAUAUUGACG-CUGGGA--AAGACCA-GAGAUCC 156  
MBFV-NC\_012533.1 NNNNAU-AACCAACA--UAAAAACAGCAUAUUGACACCUUGGGA--AAGACCG-GAGACUC 156  
MBFV-NC\_012534.1 NNNN-A-ACACCAA-ACAAAACAGCAUAUUGAC-ACCUUGGA--GAGACUA-GGAGACC 156  
MBFV-NC\_015843.2 NNNNGA-ACACCACA-A-GAAACAGCAUAUUGAC-ACCUUGGA--UAGACUA-GGAGACC 156  
MBFV-NC\_009029.2 NNNN-A-GCGCAAAC-ACAAAACAGCAUAUUGAC-ACCUUGGA--AAGACUA-GGGGAUU 156  
MBFV-NC\_032088.1 NNNN-U-ACCGCAA-ACAAAACAGCAUAUUGAC-ACCUUGGA--UAGACUA-GGAGAU 156  
MBFV-NC\_000943.1 NNNNAA-AAGCAUCA--AACAAACAGCAUAUUGAC-ACCUUGGGA--AAGACUA-GGAGAU 157  
MBFV-NC\_006551.1 NNNNUA-AGCAUCA--AAAAACAGCAUAUUGAC-ACCUUGGGA--AAGACUA-GGAGAU 158  
MBFV-NC\_001563.2 NNNNAA-ACACCAA--AGAAACAGCAUAUUGAC-ACCUUGGA--UAGACUA-GGGGAUC 156  
MBFV-NC\_009942.1 NNNNAA-CACCACA--CAAAAACAGCAUAUUGAC-ACCUUGGA--UAGACUA-GGAGAU 156  
MBFV-NC\_009028.2 NNNNCA-AGCGCAA--ACAAACAGCAUAUUGAC-GCCUGGGA--AAGACCG-GGAGAU 156  
MBFV-NC\_040776.1 NNNN-A-AGCGCAA-GACAAACAGCAUAUUGAC-ACCUUGGA--AAGACCG-GGAGACC 156  
MBFV-NC\_007580.2 NNNNCC-GUUAACGC-AAACAACAGCAUAUUGAC-ACCU-GGA--AAGACAG-GAGAUCC 156  
MBFV-NC\_034151.1 NNNN-G-AACGCAA-UAAAAACAGCAUAUUGAC-ACCUUGGA--UAGACUGGGAGACCC 157  
MBFV-NC\_009026.2 NNNN-A-CGCACAA-AAGAAACAGCAUAUUGAC-ACCUUGGA--UAGACCG-GAGAAUU 156  
MBFV-NC\_002031.1 NNNNAG-GGAACAA-UAGUGGGACCAUAUUGAC-GCCAGGGA--AAGACCG-GAGUGGU 157  
MBFV-NC\_001437.1 NNNNCA-UAUUGACACCUUGGGAAUAGACUGGAGAUUCUUCG---CUCUA-UCUCAAC 156  
MBFV-NC\_012735.1 NNNNCCGAGCACACAUAGCGGACCAUAUUGACGC---CAGGGA--AAGACCG-GAGACA 156  
MBFV-NC\_008719.1 NNNNCCGAGCAC-UAUAGCGGACCAUAUUGACGC---CUGGGA--AAGACCG-GAGACAC 156  
20.....130.....140.....150.....160.....170.....1



MBFV-NC\_012532.1 CAUGAGUUUCC 167  
MBFV-NC\_035889.1 CAUGAGUUUCC 167  
MBFV-NC\_002640.1 UGCUGUCUCUG 167  
MBFV-NC\_001477.1 UGCUGUCUCUA 167  
MBFV-NC\_001475.2 UGCUGUCUCCU 167  
MBFV-NC\_001474.2 UGCUGUCUCCU 167  
MBFV-NC\_012533.1 UGUUGGCUUUC 167  
MBFV-NC\_012534.1 CUCUGUCCUAA 167  
MBFV-NC\_015843.2 CUCUGUCCUAA 167  
MBFV-NC\_009029.2 UGCUGCUCUGG 167  
MBFV-NC\_032088.1 CGCUGCUCUGG 167  
MBFV-NC\_000943.1 UUC-UGCUCUA 167  
MBFV-NC\_006551.1 UUC-UGCUCU- 167  
MBFV-NC\_001563.2 UUCUGCUCUGC 167  
MBFV-NC\_009942.1 UUCUGCUCUGC 167  
MBFV-NC\_009028.2 CUCUGCUUCC 167  
MBFV-NC\_040776.1 CUCUGCUCUGC 167  
MBFV-NC\_007580.2 CCUGCUUUUUC 167  
MBFV-NC\_034151.1 UCUG-CUUAU 167  
MBFV-NC\_009026.2 UGCUGCCUCGC 167  
MBFV-NC\_002031.1 UCUCUGCUUU- 167  
MBFV-NC\_001437.1 AUCAGCUACUA 167  
MBFV-NC\_012735.1 CUCCUUAUUC 167  
MBFV-NC\_008719.1 UCCUUGAUUCU 167  
80.....

