

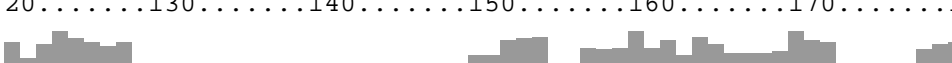
MBFV-NC\_032088.1 UC----UAUAACUCAGUGUGAACAAGUUUUUGAUCAGUGG-----AUA AUGACUA- 47  
MBFV-NC\_009029.2 UGAUUACAUAACACAGUGUGAACAAGUUUUUUGAACAG-----CAAUGACCA- 47  
MBFV-NC\_034151.1 -----UAACACAGUGUGAAU-AGUUUUUUGAACAGAGGUGAA-A--ACCAUGUCUA- 47  
MBFV-NC\_009028.2 U--U----UAACACAGUCUGAAU-AGUUUUUU-AGCAAGGGA-UU-U--CCCAUGUCUA- 47  
MBFV-NC\_040776.1 U--U----UAACACAGUCUGAAU-AGUUUUUU-AGCAGAGGU-AC-U--ACCAUGUCUA- 47  
MBFV-NC\_001563.2 A--U----UAACACAGUGCGAGC-UGUUUCUUGGCACGAAGA--U-C--UCGAUGUCUA- 47  
MBFV-NC\_009942.1 A--U----UAACACAGUGCGAGC-UGUUUCUUGAGCAGGAAGA--U-C--UCGAUGUCUA- 47  
MBFV-NC\_001437.1 U--U----AGUCGAGUUUAAACA-GUUUUUUAGAACGGAAGA--U-A--ACCAUGACUA- 47  
MBFV-NC\_007580.2 U--A----ACUUGACUGCGAACA-GUUUUUUAGCAGGGAUU--A-C--CCAAUGUCUA- 47  
MBFV-NC\_000943.1 -----AAACGCGUUUGAAC-AGUUUUUUGGAGCUUUUGAUU-U--CAAUGUCUA- 47  
MBFV-NC\_006551.1 ---U----UAACACAGUGCCGGC-AGUUUCUUGAGC-GUUGAUU-U--UCAUGUCUA- 47  
MBFV-NC\_012534.1 CCGU----AAACACAGUUUGAAC--GUUUUUUGGAGAGAG--AU-U--AUUAUGUUUA 48  
MBFV-NC\_015843.2 ACGU----AAACACAGUUUGAAC--GUUUUUUGGAUAGAG--AC-A--ACUAUGUCUA 48  
MBFV-NC\_009026.2 AGAA----AAGUUUUC--GAGG-AAAGACGAG-AAGCGAAUUCU-C--UGAAUGGCUA- 47  
MBFV-NC\_012532.1 AACA----GGUUU-----AAUUUGGAUUUGGAAACGAGAGUUUCU-GG--UCAUGAAAA 48  
MBFV-NC\_035889.1 ACAG--GUUU-----AUUUUGGAUUUGGAAACGAGAGUUUCU-GG--UCAUGAAAA 48  
MBFV-NC\_012533.1 AACA--GUUU-----CGUGUUGAGAAAGAAACAGAUUCUUC-GG--AAAUGAAAA 47  
MBFV-NC\_001474.2 -CGU--AGUUCUAACAGUUU-UUUAAUUAGAGAGCAG-AUCUCU-G-----AUGAAUA 48  
MBFV-NC\_001477.1 ACGU--AGUUCUAACAGUUU-UUU-AUUAGAGAGCAG-AUCUCU-G-----AUGAACAA 48  
MBFV-NC\_001475.2 ACGU--AGUGCUGACAGUUU-UUU-AUUAGAGCAG-AUCUCU-G-----AUGAACAA 48  
MBFV-NC\_002640.1 -----UCUAACAGUUUGUUUGAAUAGAGAGCAG-AUCUCU-GGAAAAAUG---AA 45  
MBFV-NC\_002031.1 -----UAAUCGUUCGUUGAGC--GAUUGCAGAGAACUGACCAGAACAU----- 43  
MBFV-NC\_012735.1 -----UUUCUACUG-AAAGGAGUAGAAGAAGGAGAUCAUUCUCCAAUGGCAAC 48  
MBFV-NC\_008719.1 -----AUUUCUACUGAAAGGGUAGAGAA--AAGGAGUUUUGCUUCUCAUGGCAAC 48  
MBFV-NC\_018705.3 CCGU----AAACACAGUUUGAACGUUUUUUGGAGAGAGACU-----ACUAUGUCAAA 48  
.....10.....20.....30.....40.....50.....6



MBFV-NC\_032088.1 --AAAAACCAGGAAAGUCC--GGCAUUCGUGGACUGCAAUAUGCUAAAGCGCGGAGC 102  
MBFV-NC\_009029.2 --AAAAACCAGGAAGGCC--GGUAGAAAU CGGCGCUCAAUAUGCUAAAGCGCGGUGC 102  
MBFV-NC\_034151.1 --AAAAACCAGGAGGACCC--GGAAAGAAC CGGUCGUAAUAUGCU GAAGCGCACAU 102  
MBFV-NC\_009028.2 --AAAAACCAGGAAAGUCC--GCUGCAAAG CGGACUGCAAUAUGCUAAAACGCCUGGC 102  
MBFV-NC\_040776.1 --AAAAACCAGGAGGACCC--CCCGGAAGG CGGUUGCAAUAUGCU GAAACGCCGAGC 102  
MBFV-NC\_001563.2 --AGAAACCAGGAGGGGCC--GGUAAAAAC CGGCUGCAAUAUGCUAAAACCGCGUAU 102  
MBFV-NC\_009942.1 --AGAAACCAGGAGGGGCC--GGCAAGAGC CGGCUGCAAUAUGCUAAAACCGCGGAU 102  
MBFV-NC\_001437.1 --AAAAACCAGGAGGGGCC--GGUAAAAAC CGGCUAUCAAUAUGCU GAAACCGCGCCU 102  
MBFV-NC\_007580.2 --AAAAACCAGGAAAACCC--GGUAGAAAC CGGUUGCAAUAUGCUAAAACCGCGCGU 102  
MBFV-NC\_000943.1 --AAAAACCAGGAGGACCC--GGGAAGCCC CGGUCGUCAAUAUGCUAAAACCGCGCAU 102  
MBFV-NC\_006551.1 --AGAAACCAGGAGGGGCC--GGAAGAAAC CGGCCUAUCAAUAUGCU GAAACCGCGCAU 102  
MBFV-NC\_012534.1 CAAAAAACCGAGGAAACCC--GGGGCAACC CGGUUGCAAUAUGCUAAAGCGCGGUGC 105  
MBFV-NC\_015843.2 CAAAAAACCGAGGAGACCC--GGCUCAGGC CGGUUGCAAUAUGCUAAAGCGCGGAAC 105  
MBFV-NC\_009026.2 --GAAACCAGGAGAGACCC--GGAGGAAAC CGGUCGUCAAUAUGCUAAAGCGUACGGC 102  
MBFV-NC\_012532.1 CCCCAGGAAGAGAAU--CC--GGAGGA-UCGGAUUGCAAUAUGCUAAAACCGCGGAGU 102  
MBFV-NC\_035889.1 -CCCCAAAAAGAAAU--CC--GGAGGAUUCGGAUUGCAAUAUGCUAAAACCGCGGAGU 102  
MBFV-NC\_012533.1 -CCCCAAAA--AGGG--CC--GC--AUCGCGCCUAUCAAUAUGCU GAAGCGCUUUGG 96  
MBFV-NC\_001474.2 --CCAACGGAAAAAG--GC--GA-AAAACA GCCUU-CAAUAUGCU GAAACCGCGAGAG 99  
MBFV-NC\_001477.1 --CCAACGGAAAAAG--AC--GG-GUCGAC GUCUU-CAAUAUGCU GAAACCGCGCGAG 99  
MBFV-NC\_001475.2 --CCAACGGAGGAAG--AC--GG-GAAAC CGUCUA-CAAUAUGCU GAAACCGCGUGAG 99  
MBFV-NC\_002640.1 --CCAACGAAAAAG--GU--GG-UUAGAC ACCUU-CAAUAUGCU GAAACCGCGAGAG 96  
MBFV-NC\_002031.1 ---UCUGGUGUAAGCUCAGGGAAAAACCUGGGCGCAAUAUGGUACGACGAGGAGU 99  
MBFV-NC\_012735.1 AAAGGGGAUGAAUAAGUCUCGGCUCGAUCCGAGGGCGCAAUAUGGUAGC----GGCU 103  
MBFV-NC\_008719.1 AAGAGGAGCAAGCAAGUCUCGGGUCACGACC CGGGCGCAAUAUGGUAGC----GGCC 103  
MBFV-NC\_018705.3 CAAAAACCAGGAAGACCC--GGGGCAACC CGGUUGCAAUAUGCUAAAGCGCGGCGC 105  
0.....70.....80.....90.....100.....110.....1



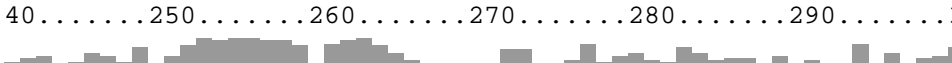
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MBFV-NC\_009029.2 GUCCCGCG-----NNNNNNNN--AGAGGAGA--CCCUCCACAAAGAAGCGCAAAACAC 150  
MBFV-NC\_034151.1 CCGCGCUA-----NNNNNNNN-----AGA--CCCUUGGCAGUGAA-CGCAAAUA 143  
MBFV-NC\_009028.2 UAGCGUGU-----NNNNNNNN-----GUGGAGA--CCCUACAGAC-CAAGCGGAA-A 146  
MBFV-NC\_040776.1 CAGCGUUU-----NNNNNNNN-----A-GGAGA--CCCUUGGCACACAAGCGCAAGA 147  
MBFV-NC\_001563.2 GCCCCGCG-----NNNNNNNN-----GAGGAGA--CCCGUGGCA-AAAACACCA-AAA 146  
MBFV-NC\_009942.1 GCCCCGCG-----NNNNNNNN-----GGAGA--CCCGUGCCACAAAACACCACAAC 146  
MBFV-NC\_001437.1 ACCCCGCG-----NNNNNNNN--UAGAGGAGA--CCCGCAUUUG-----CAU 140  
MBFV-NC\_007580.2 AUCCCGCG-----NNNNNNNN--UUAGAGGAGA--CCCUUGCCGUUAACG-----CAA 146  
MBFV-NC\_000943.1 ACCCCGCG-----NNNNNNNN-----GA--CCCCACUCUCAAAGCAUC---AA 140  
MBFV-NC\_006551.1 ACCCCGCG-----NNNNNNNN-----A--CCCCGA-UCAUAAGCAUC---AAA 139  
MBFV-NC\_012534.1 AUCC-----NNNNNNNN-----GGAGA--CCCUUGCGAGUUAACACCAAAC 146  
MBFV-NC\_015843.2 GUCC-----NNNNNNNN-----AGGAGA--CCCUUGCGAGUGAACACCACAA- 146  
MBFV-NC\_009026.2 GGCCAACG-----NNNNNNNN--C---CCUU--GGCAAAACAGUUAACGCACCAAAA 147  
MBFV-NC\_012532.1 AGCCCGUG-----NNNNNNNN-----GGUUAGAGGAGACCCCCCGGAAAAAC-----GC 144  
MBFV-NC\_035889.1 AGCCCGUG-----NNNNNNNN-----GUAGAGGAGACCCCCCGGAAAAAC-----GC 143  
MBFV-NC\_012533.1 AUCUAGCGCUGGCCNNNNNNNN--GAGACCCCGCGCCCAUAACCAAC-----AU 144  
MBFV-NC\_001474.2 AAACCGCGUGU--NNNNNNNN--CUAGAGGUUAGAGGAGACCCCC--CGAAAC-----AA 148  
MBFV-NC\_001477.1 AAACCGCGUGU--NNNNNNNN--UAGAGGUUAGAGGAGACCCCCCGCACAAAC-----AA 148  
MBFV-NC\_001475.2 AAACCGGUGU--NNNNNNNNACUAGAGGUUAGAGGAGACCCCCCG--CAAA-----UA 148  
MBFV-NC\_002640.1 AAACCGGUAUCAANNNNNNNNNACUAGAGGUUAGAGGAGACCCCCCAACA-----CA 148  
MBFV-NC\_002031.1 UCGCUCCUUGU--NNNNNNNN-----GAGACCCUCCAGGGAACAA--AUA 139  
MBFV-NC\_012735.1 AGAGU--A--NNNNNNNN-----C--CCAUCCCUCGCCAGCACAC--AUA 141  
MBFV-NC\_008719.1 AAGGC--A--NNNNNNNN-----GAGGAGACCCCGCGAGC-U--AUA 141  
MBFV-NC\_018705.3 AUCC-----NNNNNNNN-----CCCGCGGAAAUCAAAGCAA 137  
20.....130.....140.....150.....160.....170.....1



MBFV-NC\_032088.1 AAAACAGCAUAUUGACACCUGGGA--UAGACUAGGAGAUCCGUG--CUC---UGGAA 202  
MBFV-NC\_009029.2 AAAACAGCAUAUUGACACCUGGGA--AAGACUAGGGGAUUCUG--CUC---UGGAC 201  
MBFV-NC\_034151.1 AAAACAGCAUAUUGACACCUGGGA--UAGACUUGGAGACCCUCUG--CUUAU-UUCAUC 197  
MBFV-NC\_009028.2 CAAACAGCAUAUUGACGCCUGGGA--AAGACCGGGAGAUCCUCUG--CU--U-UCCAUC 198  
MBFV-NC\_040776.1 CAAACAGCAUAUUGACACCUGGGA--AAGACCGGGAGACCCUCUG--CU--C-UGCAAC 199  
MBFV-NC\_001563.2 GAAACAGCAUAUUGACACCUGGGA--UAGACUAGGGGAUUCU-U--GCUCUGCACA-- 198  
MBFV-NC\_009942.1 AAAACAGCAUAUUGACACCUGGGA--UAGACUAGGAGAUUCU-U--GCUCUGCACA-- 198  
MBFV-NC\_001437.1 CAAACAGCAUAUUGACACCUGGGA--UAGACUUGGAGAUUCUUG--CUCUAUCCAAC 196  
MBFV-NC\_007580.2 ACAACAGCAUAUUGACACCUGGGA--AGACAG--GAGAUCC--UGCUUUUCAAC 197  
MBFV-NC\_000943.1 ACAACAGCAUAUUGACACCUGGGA--AAGACUAGGAGAUUCUUG--CUCUAUCCAAC 196  
MBFV-NC\_006551.1 AAAACAGCAUAUUGACACCUGGGAUUAGACUAGGAGAUUCUUG--CUCUAUCCAAC 196  
MBFV-NC\_012534.1 AAAACAGCAUAUUGACACCUGGGA--GAGACUAGGAGACCCUCUG--UC--CUAACAA 199  
MBFV-NC\_015843.2 GAAACAGCAUAUUGACACCUGGGA--UAGACUAGGAGACCCUCUG--UC--CUAACAA 199  
MBFV-NC\_009026.2 GAAACAGCAUAUUGACACCUGGGA--UAGACC--GGAGAAUUGCU--GCCUCG--CAAC 199  
MBFV-NC\_012532.1 AAAACAGCAUAUUGACG--UGGGA--AAGACC--AGAGACUCCAUAGUUUCCACCACG 197  
MBFV-NC\_035889.1 AAAACAGCAUAUUGACG-CUGGGA--AAGACC--AGAGACUCCAUAGUUUCCACCACG 197  
MBFV-NC\_012533.1 AAAACAGCAUAUUGACACCUGGGA--AAGACC--GGAGACUCUGUUGGCUUCCCCACA 199  
MBFV-NC\_001474.2 AAAACAGCAUAUUGACG-CUGGGA--AAGACC--AGAGAUCCUG--CUGUCUCCUCAG 199  
MBFV-NC\_001477.1 CAAACAGCAUAUUGACG-CUGGGA--GAGACC--AGAGAUCCUG--CUGUCUCCUCAG 199  
MBFV-NC\_001475.2 AAAACAGCAUAUUGACG-CUGGGA--GAGACC--AGAGAUCCUG--CUGUCUCCUCAG 199  
MBFV-NC\_002640.1 AAAACAGCAUAUUGACG-CUGGGA--AAGACC--AGAGAUCCUG--CUGUCUCCUCAG 199  
MBFV-NC\_002031.1 GUGGGACCAUAUUGACGCCAGGGA--AAGACC CGGAGUGGUUCU--GCUUUUCCUUA 194  
MBFV-NC\_012735.1 -GCGGACCAUAUUGACGCCAGGGA--AAGACC CGGAGACACUCCU--GAUUCUACCUU 195  
MBFV-NC\_008719.1 -GCGGACCAUAUUGACGCCUGGGA--AAGACC CGGAGACACUCCU--GAUUCUACCUU 195  
MBFV-NC\_018705.3 GGCCCACCUUGGCAAGCUG-----UAAAC CAGGGGAAGGACUAGAGGUUAGAGGAGAC 191  
80.....190.....200.....210.....220.....230.....2



MBFV-NC\_032088.1 CCCAGUUCUAGGACAGAACGCCG-----UAA-UGAACUGGGUGCCAAA-----ACA 250  
MBFV-NC\_009029.2 UUCGGGCUUCUGGACAGAACGCCGU----UGA-GGAGCCGGAGGCCAAA-----ACA 250  
MBFV-NC\_034151.1 ACCAGCCACUCGGACAGAACGCCGU----AAGU-GUGGUGGUGUGAA-AAUAAACA 250  
MBFV-NC\_009028.2 ACCAGCCACUAGGACAGAUCCGCC-----AAGUAGUGGUGGUGGUGGAAACACAUG 253  
MBFV-NC\_040776.1 ACCAGCCACUAGGACAGAUCCGCC-----AAUCUGGCGUGGUGUGGUGGAAACACA-G 253  
MBFV-NC\_001563.2 ACCAGCCACAGGACAGUGCGCCG-----CAUAGGUGGUGUG--GUGCUAGA-ACA 250  
MBFV-NC\_009942.1 ACCAGCCACAGGACAGUGCGCCG-----CAAUGGUGGUGUG--GUGCGAGA-ACA 250  
MBFV-NC\_001437.1 AUCAGCUACUAGGACAGAGCGCCG-----AGUAUGGACUGGUGUGGAGGAAGA-ACA 250  
MBFV-NC\_007580.2 ACCAGCCACAAAGGACAGAGCGCCGU----AAAGUGGUGGUGGUGGUGGAAAAA-A-UCA 250  
MBFV-NC\_000943.1 AUCAGUCACAAAGGACCGAGCGCCG-----ACACUGAGACUGAGUGGGGAGAGAC-CA 250  
MBFV-NC\_006551.1 AUCACACAAAGGACAGAGCGCCG-----AAAUUGGUGGUGGUGGGAACUAGAC-CA 250  
MBFV-NC\_012534.1 ACCAGCCAUCCGACAGAGCGCCGU----AAG-UGUGGUGGUGGUGGUGUAGA--ACA 250  
MBFV-NC\_015843.2 ACCAGCCAUUGGACAGAUCCGCCG-----AAG-UGUGGUGGUGGUGGUGUAGA--ACA 250  
MBFV-NC\_009026.2 ACCUCCCAACCAGGACAGAACGCCG-----CA-UGGUGGAGGGGUGCUAAGACAC-- 250  
MBFV-NC\_012532.1 CUGGCCGCC--AGGCACAGAUCCGCCG-----ACUUCGGCGCCGGUGUGGGGAA-AUCCA 250  
MBFV-NC\_035889.1 CUGGCCGCC--AGGCACAGAUCCGCCG-----AUAGCGCGCGCGGUGUGGGGAA-AUCCA 250  
MBFV-NC\_012533.1 CCAGCCCC--UGGCACAGAGCGCC-----AGAUCGGGUGGUGUGGUGAGCA-ACCCA 250  
MBFV-NC\_001474.2 CAUCAUUC--AGGCACAGAACGCCAG-----AAAUGGAAUGGUGCUUG--A-AUCAA 250  
MBFV-NC\_001477.1 CAUCAUUC--AGGCACAGAACGCCAA-----AAAUGGAAUGGUGCUUG--A-AUCAA 250  
MBFV-NC\_001475.2 CAUCAUUC--AGGCACAGAACGCCAG-----AAAUGGAAUGGUGCUUG--A-AUCAA 250  
MBFV-NC\_002640.1 CAUCAUUC--AGGCACAGAGCGCCG-----AAGAUGGAAUGGUGUUGUUG--A-UCCA 250  
MBFV-NC\_002031.1 GAGGUCUG--GAGCAGAUUUGCUA-----AGAAUAGCAGACCUUUGGAGUAGCAACACA 250  
MBFV-NC\_012735.1 UCUCGCCUAAAGCAGAUUGCU-----GAAUGCAGGCGGGGAAGUUGAGAACCAAC 250  
MBFV-NC\_008719.1 UCUCACCCUUAAGCAGAUUGCU-----GAAUGCAGGUGGGGAAGUUGGGAACCAAC 250  
MBFV-NC\_018705.3 CCCUUG--CGAGUACACCACA-----CAAAAACAGCAUAUUGACCCUGGGAAGACUAGGAGA 250  
40.....250.....260.....270.....280.....290.....3



MBFV-NC\_032088.1 CCGAAUCU 258  
MBFV-NC\_009029.2 CCAGAUUC 258  
MBFV-NC\_034151.1 CAGAGUCU 258  
MBFV-NC\_009028.2 GA---UCU 258  
MBFV-NC\_040776.1 GA---UCU 258  
MBFV-NC\_001563.2 CAGGAUCU 258  
MBFV-NC\_009942.1 CAGGAUCU 258  
MBFV-NC\_001437.1 CAGGAUCU 258  
MBFV-NC\_007580.2 CAGGAUCU 258  
MBFV-NC\_000943.1 CAGGAUCU 258  
MBFV-NC\_006551.1 CAGGAUCU 258  
MBFV-NC\_012534.1 CAGUUCU 258  
MBFV-NC\_015843.2 CAGGAUCU 258  
MBFV-NC\_009026.2 CAGAUUCU 258  
MBFV-NC\_012532.1 UGUUUCU 258  
MBFV-NC\_035889.1 UGGGUCU 258  
MBFV-NC\_012533.1 ACAGGACU 258  
MBFV-NC\_001474.2 CAGGUUCU 258  
MBFV-NC\_001477.1 CAGGUUCU 258  
MBFV-NC\_001475.2 CAGGUUCU 258  
MBFV-NC\_002640.1 CAGGUUCU 258  
MBFV-NC\_002031.1 AAACCACU 258  
MBFV-NC\_012735.1 UAGUGUCU 258  
MBFV-NC\_008719.1 UAGUGUCU 258  
MBFV-NC\_018705.3 CCCUCUGU 258  
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