

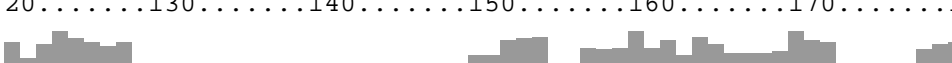
MBFV-NC_032088.1 UC----UAUAACUCAGUGUGAACAAGUUUUUGAUCAGUGG-----AUA AUGACUA- 47
MBFV-NC_009029.2 UGAUUACAUAACACAGUGUGAACAAGUUUUUUGAACAG-----CAAUGACCA- 47
MBFV-NC_034151.1 -----UAACACAGUGUGAUA-AGUUUUUUGAACAGAGGUGAA-A--ACCAUGUCUA- 47
MBFV-NC_009028.2 U--U----UAACACAGUCUGAAU-AGUUUUUU-AGCAAGGGA-UU-U--CCCAUGUCUA- 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---GUUUU-----AUUUUGGAUUUGGAAACGAGAGUUUCU-GG--UCAUGAAAA 48
MBFV-NC_012533.1 AACA---GUUUU-----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--GAUUGAGCAGAGAACUGACCAGAACAUG----- 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--GGAAAGAACC GGGUCGUAAUAUGCU GAAGCGCACAU 102
MBFV-NC_009028.2 --AAAAACCAGGAAAGUCC--GCUGCAAAG CGGACUGCAAUAUGCU AAAACGCCUGGC 102
MBFV-NC_040776.1 --AAAAACCAGGAGGACCC--CCCGGAAGG CGGUUGCAAUAUGCU GAAACGCCGAGC 102
MBFV-NC_001563.2 --AGAAACCAGGAGGGGCC--GGUAAAAAC CGGCUGCAAUAUGCU AAAACCGCGUAU 102
MBFV-NC_009942.1 --AGAAACCAGGAGGGGCC--GGCAAGAGC CGGCUGCAAUAUGCU AAAACCGCGGAU 102
MBFV-NC_001437.1 --AAAAACCAGGAGGGGCC--GGUAAAAAC CGGCUAUCAAUAUGCU GAAACCGCGCCU 102
MBFV-NC_007580.2 --AAAAACCAGGAAAACCC--GGUAGAAAC CGGUUGCAAUAUGCU AAAACCGCGCGU 102
MBFV-NC_000943.1 --AAAAACCAGGAGGACCC--GGGAAGCCC CGGUCGUCAAUAUGCU AAAACCGCGCAU 102
MBFV-NC_006551.1 --AGAAACCAGGAGGGGCC--GGAAGAAAC CGGCCUAUCAAUAUGCU GAAACCGCGCAU 102
MBFV-NC_012534.1 CAAAAAACCGAGGAAAACCC--GGGCAACC CGGUUGCAAUAUGCU AAAGCGCGGUGC 105
MBFV-NC_015843.2 CAAAAAACCGAGGAGACCC--GGCUCAGGC CGGUUGCAAUAUGCU AAAGCGCGGAAC 105
MBFV-NC_009026.2 --GAAAAACGAGGAGACCC--GGAGGAAAC CGGUCGUCAAUAUGCU AAAGCGUACGGC 102
MBFV-NC_012532.1 CCCCAAAGAAGAAAU--CC--GGAGGA-UCGGAUUGCAAUAUGCU AAAACCGCGGAGU 102
MBFV-NC_035889.1 -CCCAAAAAAGAAAU--CC--GGAGGAUUCGGAUUGCAAUAUGCU AAAACCGCGGAGU 102
MBFV-NC_012533.1 -CCCAAAAA--AGGG--CC--GC--AUCGCGCCUAUCAAUAUGCU GAAGCGCUUUGG 96
MBFV-NC_001474.2 --CCAACGGAAAAAG--GC--GA-AAAACA GCCUU-CAAUAUGCU GAAACCGCGAG 99
MBFV-NC_001477.1 --CCAACGGAAAAAG--AC--GG-GUCGAC GUCUU-CAAUAUGCU GAAACCGCGGAG 99
MBFV-NC_001475.2 --CCAACGGAAGAAG--AC--GG-GAAAC CGUCUA-CAAUAUGCU GAAACCGGUGAG 99
MBFV-NC_002640.1 --CCAACGAAAAAG--GU--GG-UUAGAC ACCUU-CAAUAUGCU GAAACCGCGAG 96
MBFV-NC_002031.1 ---UCUGGUGUAAGCUCAGGGAAAAACCUGGGCGCAAUAUGGUACGACGAGGAGU 99
MBFV-NC_012735.1 AAAGGGGAUGAAUAAGUCUCGGCUCGAUCCGAGGGCGCAAUAUGGUAGC----GGCU 103
MBFV-NC_008719.1 AAGAGGAGCAAGCAAGUCUCGGUUCACGACC GGGGCGCAAUAUGGUAGC----GGCC 103
MBFV-NC_018705.3 CAAAAAACCGAGGAGACCC--GGGCAACC CGGUUGCAAUAUGCU AAAGCGCGGCGC 105
0.....70.....80.....90.....100.....110.....1



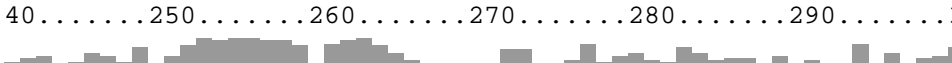
MBFV-NC_032088.1 AUCCCGCG-----NNNNNNNN--AGAGGUUAGAGGAGACCCCCACAU-ACCGCAAA-AC 151
MBFV-NC_009029.2 GUCCCGCG-----NNNNNNNN--AGAGGAGA--CCCUCCACAAAGAAGCGCAAAACAC 150
MBFV-NC_034151.1 CCGCGCUA-----NNNNNNNN-----AGA--CCCUUGGCAGUGAA-CGCAAAUA 143
MBFV-NC_009028.2 UAGCGUGU-----NNNNNNNN-----GUGGAGA--CCCUACAGAC-CAAGCGGAA-A 146
MBFV-NC_040776.1 CAGCGUUU-----NNNNNNNN-----A-GGAGA--CCCUUGGCACACAAGCGCAAAGA 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 GGCCAAACG-----NNNNNNNN--C---CCUU--GGCAAAACAGUUAACGCACCAAAA 147
MBFV-NC_012532.1 AGCCCGUG-----NNNNNNNN-----GGUUAGAGGAGACCCCCCGGAAAAC-----GC 144
MBFV-NC_035889.1 AGCCCGUG-----NNNNNNNN-----GUUAGAGGAGACCCCCCGGAAAAC-----GC 143
MBFV-NC_012533.1 AUCUAGCGCUGGCCNNNNNNNN--GAGACCCCGCGCCCUAUAACCAAC-----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--CAUUCUCCUCCGAGCACAC---AUA 141
MBFV-NC_008719.1 AAGGC---A---NNNNNNNN-----GAGGAGACCCUCCGAGC-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--AAGACCGGAGAUCCUCUG---CU--U-UCCAUC 198
MBFV-NC_040776.1 CAAACAGCAUAUUGACACCUGGGA--AAGACCGGAGACCCUCUG---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--UAGAC--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 GGCCCAGCUGGCAAGCUG-----UAAACAGGGGAAGGACUAGAGGUUAGAGGAGAC 191
80.....190.....200.....210.....220.....230.....2



MBFV-NC_032088.1 CCCAGUUCUAGGCACAGAACGCCG-----UAA-UGAACUGGGUGCCAAA-----ACA 250
MBFV-NC_009029.2 UUCGGGCUUCGGCACAGAACGCCGU----UGA-GGAGCCGGAGGCCAAA-----ACA 250
MBFV-NC_034151.1 ACCAGCCACUCGGCACAGAACGCCGU----AAGU-GUGGUGGUGUGAA-AAUAAACA 250
MBFV-NC_009028.2 ACCAGCCACUAGGCACAGAUCGCCG-----AAGUAGUGGUGGUGGUGGAAACACAUG 253
MBFV-NC_040776.1 ACCAGCCACUAGGCACAGAUCGCCG-----AAUCUGGCGUGGUGUGGUGGAAACACA-G 253
MBFV-NC_001563.2 ACCAGCCACAGGCACAGUGCGCCG-----CAUAGGUGGUGUG--GUGCUAGA-ACA 250
MBFV-NC_009942.1 ACCAGCCACAGGCACAGUGCGCCG-----CAAUGGUGGUGUG--GUGCGAGA-ACA 250
MBFV-NC_001437.1 AUCAGCUACUAGGCACAGAGCGCCG-----AGUAGUGGUGGUGGUGGAGGAAGA-ACA 250
MBFV-NC_007580.2 ACCAGCCACAAAGGCACAGAGCGCCGU----AAAGUGGUGGUGGUGGUGGAAAAA-A-UCA 250
MBFV-NC_000943.1 AUCAGUCACAAAGGCACCGAGCGCCG-----ACACUGAGACUGAUGGGGGAGAAGAC-CA 250
MBFV-NC_006551.1 AUCACACAAAGGCACAGAGCGCCG-----AAAUUGGUGGUGGUGGGAACUAGAC-CA 250
MBFV-NC_012534.1 ACCAGCCAUCCGGCACAGAGCGCCGU----AAG-UGUGGUGGUGGUGGUGUA---ACA 250
MBFV-NC_015843.2 ACCAGCCAUUGGCACAGAUCGCCG-----AAG-UGUGGUGGUGGUGGUGUA---ACA 250
MBFV-NC_009026.2 ACCUCCCAACC GGACACAGAACGCCG-----CA-UGGUGGGAGGGGUCGUAAGACAC--- 250
MBFV-NC_012532.1 CUGGCCGCC--AGGCACAGAUCGCCG-----ACUUCGGCGCCCGGUGUGGGGAA-AUCCA 250
MBFV-NC_035889.1 CUGGCCGCC--AGGCACAGAUCGCCG-----AUAGCGCGCGCGGUGUGGGGAA-AUCCA 250
MBFV-NC_012533.1 CCAGCCCC--UGGCACAGAGCGCC-----AGAUCGGGUGGUGUGGUGAGCA-ACCCA 250
MBFV-NC_001474.2 CAUCAUUC--AGGCACAGAAGCCAG-----AAAUGGAAUGGUGCUUG--A-AUCAA 250
MBFV-NC_001477.1 CAUCAUUC--AGGCACAGAAGCCAA-----AAAUGGAAUGGUGCUUG--A-AUCAA 250
MBFV-NC_001475.2 CAUCAUUC--AGGCACAGAAGCCAG-----AAAUGGAAUGGUGCUUG--A-AUCAA 250
MBFV-NC_002640.1 CAUCAUUC--AGGCACAGAGCGCCG-----AAGAUGGAAUGGUGUUGUUG--A-UCCAA 250
MBFV-NC_002031.1 GAGGUCUG--GAGCAGAUUUGCUA-----AGAAUAGCAGACCUUUGGAGUAGCAACACA 250
MBFV-NC_012735.1 UCUCGCCUAAAGCACAGAUUGCU-----GAAUGCAGGCGGGGAAGUUGAGAACCAAC 250
MBFV-NC_008719.1 UCUCACCCUUAAGCACAGAUUGCU-----GAAUGCAGGUGGGGAAGUUGGGAACCAAC 250
MBFV-NC_018705.3 CCCUUG--CGAGUAAACACCACAAGAAACAGCAUAUUGACACCUGGGAAGACUAGGAGA 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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