

MBFV-NC\_002640.1 -----UGUUUGAAUAGAGAGCAGAUUCUCUGGAAA-----AAUG---AA--CCAACGAAAAA 46  
MBFV-NC\_001477.1 AACAGUUUUUUAAUAGAGAGCAGAUUCUCUG-----AUGAACAA--CCAACGGAAAA 49  
MBFV-NC\_001475.2 GACAGUUUUUUAAUAGAGAGCAGAUUCUCUG-----AUGAACAA--CCAACGGGAAGA 49  
MBFV-NC\_001474.2 ACAGUUUUUUAAUAGAGAGCAGAUUCUCUG-----AUGAAUAA--CCAACGGAAAA 49  
MBFV-NC\_012532.1 AUUUGGAUUUGGA---AACGAGAGUUUCUGG---U---CAUGAAAAACCCCAAAGAAGAA 51  
MBFV-NC\_035889.1 UUUUGGAUUUGGA---AACGAGAGUUUCUGG---U---CAUGAAAAA-CCCAAAAAAGAA 50  
MBFV-NC\_012533.1 ----GUGUUGAGAAAAAAGAAACAGAU-UCUUCGGA---AAUGAA-----AACCCTAAAA 44  
MBFV-NC\_009026.2 -----UCGAGGAAA--GACGAGAAGCGAAUUCU-CUGAAUGGCU---AGAAAAACCAGGA 48  
MBFV-NC\_009028.2 -----UCUGAAUAGUUUUUAGCAAGGGAUUUC-CC--AUGUCU---AAAAAACAGGA 48  
MBFV-NC\_040776.1 -----UCUGAAUAGUUUUUAGCAGAGGUACUA-CC--AUGUCU---AAAAAACAGGA 48  
MBFV-NC\_006551.1 -----GCCG-GCAGUUUCUUUGAG-CGUUGAUU-UUCAAUUGUCU---AAGAAACCAGGA 48  
MBFV-NC\_001563.2 -----UGCGAGCUGUUUCUUGGCA-CGAAGA-U-CUCGAUGUCU---AAGAAACCAGGA 48  
MBFV-NC\_009942.1 -----UGCGAGCUGUUUCUUGGCA-CGAAGA-U-CUCGAUGUCU---AAGAAACCAGGA 48  
MBFV-NC\_012534.1 -----AGUUUGAACGUUUUUUGGAGAGAGAUUA-UU--AUGUUUAACAAAAAACAGGA 51  
MBFV-NC\_015843.2 -----AGUUUGAACGUUUUUUUGGAUAGAGACAA-CU--AUGUCUAACAAAAAACAGGA 51  
MBFV-NC\_034151.1 -----UGAAUAGUUUUUUGAACAGAGGUGAA-AACCAUGUCU---AAAAAACAGGA 48  
MBFV-NC\_009029.2 ACACAGUGUGAAACAGUUUUUUGAACAG-----CA-----AUGACC---AAAAAACAGGA 48  
MBFV-NC\_032088.1 ----AGUGUGAACAGUUUUUUUGAUCAGUGGAUA-----AUGACU---AAAAAACAGGA 48  
MBFV-NC\_000943.1 -----UGAACAGUUUUUUGGAGCUUUUGAUU-UCAAAUUGUCU---AAAAAACAGGA 48  
MBFV-NC\_007580.2 -----GCGAACAGUUUUU---AGCAGGAAUUAACCAUUGUCU---AAAAAACAGGA 48  
dISFV-NC\_024017.1 -----UGAUAGAGUUGACUAGAUAAACGAAUUAUCGAUGGUG---ACUAAAUCAAGA 48  
dISFV-NC\_017086.1 -----UGAAUAGGUUUUAUUGUGAAUCGAAAUACCGAUGGCG---AAUAAACCCAAG 48  
dISFV-NC\_040610.1 -----AAGAAGUCAAAACUAGAAAUUUAUUUCAUUGGU---AGACAACUUGGA 48  
MBFV-NC\_001437.1 -----UUAAACAGUUUUUAGAACCGGAAGAUAAAC---AUGACU---AAAAAACAGGA 48  
MBFV-NC\_008719.1 -----AAAGGGUAGAGAAAAAGGAGUUUUGCUUCUCAUGGCAACAAGAGGAGCAAGC 51  
MBFV-NC\_012735.1 -----AAGGAGUAGAAGAAAGGAGAUUCAUCCCAAUGGCAACAAGGGGAUGAAU 51  
dISFV-NC\_016997.1 -----CAUUGAAGUAGGUUUUGAAAGAGUUGAAUCAUAGAGAUCAAUUGGUUUUCGA 51  
MBFV-NC\_002031.1 -----UUGAGCGAUUAGCAGAGAACUGACCAGAACAUUGC-----UGGUCGU 42  
dISFV-NC\_027999.1 -----UUGUUUGAGAGAAACAGCGAGAGUACUACUAGGUUGAGAAAACUAGAGUA 51  
.....10.....20.....30.....40.....50.....6



...(((....((.....(((((((((.....  
MBFV-NC\_002640.1 AGG--U---GGUUAGACC--ACCUUUCAAUUAUGCUGAAACGCGAGAGAAACCGCGUAUCA 99  
MBFV-NC\_001477.1 AGA--C---GGGUCGACC--GUCUUUCAAUUAUGCUGAAACGCGCGAGAAACCGCGUGU-- 100  
MBFV-NC\_001475.2 AGA--C---GGGAAAAAC--GUCUUAUCAAUUAUGCUGAAACGCGUGAGAAACCGGUGUGU-- 100  
MBFV-NC\_001474.2 AGG--C---GGAAAAACAC--GCCUUUCAAUUAUGCUGAAACGCGAGAGAAACCGCGUGU-- 100  
MBFV-NC\_012532.1 AUC--C---GGAGGA-UCCGGAUUGUCAAUUAUGCUGAAACGCGGAGUAGCCCGUG----- 100  
MBFV-NC\_035889.1 AUC--C---GGAGGAUUCGGAUUGUCAAUUAUGCUGAAACGCGGAGUAGCCCGUG----- 100  
MBFV-NC\_012533.1 AAG--G---GCCGCAUCGCGGCCUAUCAAUUAUGCUGAAGCGCUUUGGAUCUAGCGCUGGC 99  
MBFV-NC\_009026.2 AGACCC---GGAGGAAACCGGGUCGUAUUAUGCUGAAAGCGUACGGCGGCCAACG----- 100  
MBFV-NC\_009028.2 AAGUCC---GCUGCAAAGCGGACUGUCAAUUAUGCUGAAACGCCUGGCUAGCGUGU----- 100  
MBFV-NC\_040776.1 GGACCC---GCCGGAAGGCGGGUUGUCAAUUAUGCUGAAACGCCAGCCAGCGGU----- 100  
MBFV-NC\_006551.1 GGGCCC---GGAAGAAACCGGGCCAUCAAUUAUGCUGAAACGCCGAGCAUCCCGCG----- 100  
MBFV-NC\_001563.2 GGGCCC---GGUAAAAACCGGGCUGUCAAUUAUGCUGAAACGCCGUAUGCCCCCGCG----- 100  
MBFV-NC\_009942.1 GGGCCC---GGCAAGAGCCGGGCGUGUCAAUUAUGCUGAAACGCCGGAUUGCCCCGCG----- 100  
MBFV-NC\_012534.1 AAACCC---GGGCAACCCCGGUUGUCAAUUAUGCUGAAAGCGCGGUGCAUCCC----- 100  
MBFV-NC\_015843.2 AGACCC---GGUCAGGCGGGGUUGUCAAUUAUGCUGAAAGCGCGGAACGUC----- 100  
MBFV-NC\_034151.1 GGACCC---GGAAAGAACCAGGUGCUUAAUUAUGCUGAAGCGCACAUCCCGCGCUA----- 100  
MBFV-NC\_009029.2 AGGCC---GGUAGAAAUCCGGGCCGUAUUAUGCUGAAAGCGCGGUGCGUCCCGCG----- 100  
MBFV-NC\_032088.1 AAGUCC---GGCAAUUGCUGGACUGUCAAUUAUGCUGAAAGCGCGGAGCAUCCCGCG----- 100  
MBFV-NC\_000943.1 GGACCC---GGGAAGCCCCGGGUCGUAUUAUGCUGAAACGCCGGCAUACCCCGCG----- 100  
MBFV-NC\_007580.2 AAACCC---GGUAGAAACCGGGUUGUCAAUUAUGCUGAAACGCCGGCGUAUCCCGCG----- 100  
dISFV-NC\_024017.1 AAGCCC---GCCGCAAAGCGGGC---UGUUAUAUGCUGAACACGCAUACCAACAGCGU-G- 100  
dISFV-NC\_017086.1 AAGC-----CCGGAAGACGGGCUAUCGAUAUAGUGAGACGUGCGUUGCCUCCGUGUCU-- 100  
dISFV-NC\_040610.1 AAGACC---GUUGCAAGACGGUUCUGUCAAUUAUGC-----AAAGCGGAUUAACACCCG-CU-- 100  
MBFV-NC\_001437.1 GGGCCC---GGUAAAAACCGGGCUAUCAAUUAUGCUGAAACGCCGGCCUACCCCGCG----- 100  
MBFV-NC\_008719.1 AAGUCUCGGGUC---ACGACCCGGGGCGUCAUUAUGGUGACGGCGAGCAUCCCGCA----- 100  
MBFV-NC\_012735.1 AAGUCUCGGGUCGUAUCCCGAGGGCGUCAAUUAUGGUAG---CGGCUAGAGUGA----- 100  
dISFV-NC\_016997.1 GCUAGGAGGGCCGUUAAACCGGGCCGUGCAUUAUUAUAAACG---UAAGCUGC----- 100  
MBFV-NC\_002031.1 AAAGCUCAGGGAUAAACCCUGGGCGUCAAUUAUGGUACGACGAGGAGUUCGCUCCUUGU-- 100  
dISFV-NC\_027999.1 GGAUCUCGGGUUAAAAACCCGAGGUGUCAAUUAUGAUUAGGCGUACUGGAA----- 100  
0.....70.....80.....90.....100.....110.....1



.....))))))))))))).....))....  
MBFV-NC\_002640.1 ANNNNNNNNCC-CCCCAACACA-AAAACAGCAUAUUGACG-CUGGGAA--AGACCAGAGAU 154  
MBFV-NC\_001477.1 -NNNNNNNNCC-CGCACACAA-CAAACAGCAUAUUGACG-CUGGGAG--AGACCAGAGAU 154  
MBFV-NC\_001475.2 -NNNNNNNNCC-CCCGCAAUA-AAAACAGCAUAUUGACG-CUGGGAG--AGACCAGAGAU 154  
MBFV-NC\_001474.2 -NNNNNNNNCC-CCCGAAACAA-AAAACAGCAUAUUGACG-CUGGGAA--AGACCAGAGAU 154  
MBFV-NC\_012532.1 -NNNNNNNNCC-CCGAAAAACGCAAAACAGCAUAUUGACG--UGGGAA--AGACCAGAGAC 154  
MBFV-NC\_035889.1 -NNNNNNN-C-CCGAAACGCAAAACAGCAUAUUGACG-CUGGGAA--AGACCAGAGAC 154  
MBFV-NC\_012533.1 CNNNNNNNNAU-AACCAA--CAUAAAAACAGCAUAUUGACACCUGGGAA--AGACCGGAGAC 154  
MBFV-NC\_009026.2 -NNNNNNNN--ACGCACCAAAAGA-AACAGCAUAUUGACACCUGGGA--UAGACCGGAGAA 154  
MBFV-NC\_009028.2 -NNNNNNNN-CAAGCGCGAA-ACA-AACAGCAUAUUGACGCCUGGGA--AAGACCGGAGA 154  
MBFV-NC\_040776.1 -NNNNNNNN--AAGCGCAAAAGA-AACAGCAUAUUGACACCUGGGA--AAGACCGGAGA 154  
MBFV-NC\_006551.1 -NNNNNNNN-UAAGCAUCAAAA-A-AACAGCAUAUUGACACCUGGGAAUAGACUAGGAGA 156  
MBFV-NC\_001563.2 -NNNNNNNN-AAACACCAAAAG-A-AACAGCAUAUUGACACCUGGGA--UAGACUAGGGGA 154  
MBFV-NC\_009942.1 -NNNNNNNN-AACACCACAACA-A-AACAGCAUAUUGACACCUGGGA--UAGACUAGGAGA 154  
MBFV-NC\_012534.1 -NNNNNNNN-AAC-ACCAAAACAA-AACAGCAUAUUGACACCUGGGA--GAGACUAGGAGA 154  
MBFV-NC\_015843.2 -NNNNNNNN-GAA-CACCACAAGA-AACAGCAUAUUGACACCUGGGA--UAGACUAGGAGA 154  
MBFV-NC\_034151.1 -NNNNNNNGAACGCAAAUAAAAA-CAGCAUAUUGACACCU--GGGA--UAGACUGGAGA 154  
MBFV-NC\_009029.2 -NNNNNNNN--AGCGCAAAACAA-AACAGCAUAUUGACACCUGGGA--AAGACUAGGGGA 154  
MBFV-NC\_032088.1 -NNNNNNNN--UACCGCAAAACAA-AACAGCAUAUUGACACCUGGGA--UAGACUAGGAGA 154  
MBFV-NC\_000943.1 -NNNNNNNAA---AAGCAUCAAAACAGCAUAUUGACACCUGGGAA-AAGACUAGGAGA 155  
MBFV-NC\_007580.2 -NNNNNNNNCCGUUAAAC-GCAAA-CAACAGCAUAUUGACACCUGG--A-AAGAC-AGGAGA 153  
dISFV-NC\_024017.1 -NNNNNNNNC--UGCUGAGAGC-AAAUAAGCAUAUUGACACUUGGGAA-GAGACCAG-AGA 154  
dISFV-NC\_017086.1 -NNNNNNNNC--CCAAAAAUGA-AGGGCACUAUUGACACUUGGGAA--AGACCAG-AGG 153  
dISFV-NC\_040610.1 -NNNNNNNNC--UCAUUAUUUAUUAUAAACAGCAUAUUGACACGAGG-A-UAGACCGG-AGA 154  
MBFV-NC\_001437.1 -NNNNNNNN-----CAUAUUGA---CACCUGGGAA-UAGACUGGGAGA 137  
MBFV-NC\_008719.1 -NNNNNNNNCCGAGCAC-UAUAG-CG-GACCAUAUUGACGCCUGGGAA--AGACCGGAGAC 154  
MBFV-NC\_012735.1 -NNNNNNNNCCGAGCACACAUAG-CG-GACCAUAUUGACGCCAGGGAA--AGACCGGAGAC 155  
dISFV-NC\_016997.1 -NNNNNNNN-CAAAAAUGUAUAG-GC-UAUUAUUGACACCUAGGAA--AGACUGGAGAU 154  
MBFV-NC\_002031.1 -NNNNNNNNA-GGGAACAAAUAGUGG-GACCAUAUUGACGCCAGGGAA--AGACCGGAGUG 155  
dISFV-NC\_027999.1 -NNNNNNNNCCAUUGGAAAUU---UAGCUUCAUAUUGACACCAGGGAA-AAGACCGGAGAA 155  
20.....130.....140.....150.....160.....170.....1



))).....  
MBFV-NC\_002640.1 CCUGCUGUCUCUG----- 167  
MBFV-NC\_001477.1 CCUGCUGUCUCUA----- 167  
MBFV-NC\_001475.2 CCUGCUGUCUCCU----- 167  
MBFV-NC\_001474.2 CCUGCUGUCUCCU----- 167  
MBFV-NC\_012532.1 UCCAUGAGUUUCC----- 167  
MBFV-NC\_035889.1 UCCAUGAGUUUCC----- 167  
MBFV-NC\_012533.1 UCUGUUGGCUUUC----- 167  
MBFV-NC\_009026.2 UUGUCUGCCUCG-C----- 167  
MBFV-NC\_009028.2 UCCUCUGCUUUC-C----- 167  
MBFV-NC\_040776.1 CCCUCUGCUCUG-C----- 167  
MBFV-NC\_006551.1 UCUUCUGCUCU----- 167  
MBFV-NC\_001563.2 UCUUCUGCUCUG-C----- 167  
MBFV-NC\_009942.1 UCUUCUGCUCUG-C----- 167  
MBFV-NC\_012534.1 CCCUCUGUCCUA-A----- 167  
MBFV-NC\_015843.2 CCCUCUGUCCUA-A----- 167  
MBFV-NC\_034151.1 CCCUCUGCUUAU-U----- 167  
MBFV-NC\_009029.2 UUGCUGCUCUG-G----- 167  
MBFV-NC\_032088.1 UCCGUCGUCUG-G----- 167  
MBFV-NC\_000943.1 UCUUCUGCUCUA----- 167  
MBFV-NC\_007580.2 UCCCCUGCUUUUUC----- 167  
dISFV-NC\_024017.1 UAGAUGUUGUUU----- 167  
dISFV-NC\_017086.1 UACUCGCUGAUUCA----- 167  
dISFV-NC\_040610.1 AAUACAC-AAUUUC----- 167  
MBFV-NC\_001437.1 UCUUCUGCUCUAUCUACAUCAGCUACUA 167  
MBFV-NC\_008719.1 ACUCCUUGAUUC----- 167  
MBFV-NC\_012735.1 ACUCCUUGAUUC----- 167  
dISFV-NC\_016997.1 ACCUUUGGUUCU----- 167  
MBFV-NC\_002031.1 GUUCUCUGCUU-U----- 167  
dISFV-NC\_027999.1 ACUUCUUGCUUA----- 167  
80.....190.....200.....

