

dISFV-NC\_040610.1 -----AAAGAAGUCAAAACUAGAAAUUUAA-UUU---CA-----AUGGUU---AGACAA 42  
dISFV-NC\_024017.1 -----UGAU-AGAGUUUGACUAGAUACGAAUUU---CG-----AUGGUG---ACUAAA 42  
dISFV-NC\_017086.1 -----UGAAUAGGUUUUUAUUGGAAUCGAAA-UAC---CG-----AUGGCG---AAUAAA 42  
MBFV-NC\_009028.2 -----UCUGAAUAGUUUUUU---AGCAAGGGA-UUUC---AUGUCU---AAAAAA 42  
MBFV-NC\_040776.1 -----UCUGAAUAGUUUUUU---AGCAGAGGU-ACUACC---AUGUCU---AAAAAA 42  
MBFV-NC\_034151.1 -----UGAAUAGUUUUUU---GAACAGAGGUGAAAACC-----AUGUCU---AAAAAA 42  
MBFV-NC\_000943.1 -----UGAACAGUUUUUUGGAGCUUUUGAUUU---CAA-----AUGUCU---AAAAAA 42  
MBFV-NC\_006551.1 -----GCCGGCAGUUUCUUUGAGC-GUUGAUUU---UCA-----AUGUCU---AAGAAA 42  
MBFV-NC\_001563.2 -----UGCGAGCUGUUUCUUGGCAC-GAAGAUUU---C-G-----AUGUCU---AAGAAA 42  
MBFV-NC\_009942.1 -----UGCGAGCUGUUUCUUGGCAC-GAAGAUUU---C-G-----AUGUCU---AAGAAA 42  
MBFV-NC\_007580.2 -----GCGAACAGUUUUUU---AGCAGGGAAUACCCA-----AUGUCU---AAAAAA 42  
MBFV-NC\_009026.2 -----UCG-----AGGAAAACGAGAGAGCGAAUUCUCUGA-----AUGGCU---AGAAAA 42  
MBFV-NC\_009029.2 ACACAGUGUGAACAAGUUUUUUGAACACGCA-----AUG-----ACCAAAAAA 42  
MBFV-NC\_032088.1 -----AGUGUGAACAAGUUUUUUGAUCAGUG--GAUA-----AUG---ACUAAAAAA 42  
MBFV-NC\_012534.1 -----AGUUUGAAC--GUUUUUUGGAGAGAGAUUU-----AUGUUUAACAAAAAA 45  
MBFV-NC\_015843.2 -----AGUUUGAAC--GUUUUUUGGAUAGAGACAACU-----AUGUCUAACAAAAAA 45  
MBFV-NC\_001437.1 -----UUAAACAGUUUUUUAGAACCGGAAGAUAAACC-----AUGACU---AAAAAA 42  
MBFV-NC\_012532.1 -----AUUUUGGAUUU---GGAAACGAGAG-UUUCUGG--UCAUGAAAAACCCCAA 45  
MBFV-NC\_035889.1 -----UUUUUGGAUUU---GGAAACGAGAG-UUUCUGG--UCAUGAAAA-CCCAA 44  
MBFV-NC\_002640.1 -----UGUUUGAAUAGAGAGCAGA-UCUCUGGAAAAAUG---AA-CCAAC 40  
MBFV-NC\_001477.1 -----AACAGUUUUUUAUUGAGAGAGCAGA-UCUCUG-----AUGAACAA-CCAAC 43  
MBFV-NC\_001475.2 -----GACAGUUUUUUUAUUGAGAGAGCAGA-UCUCUG-----AUGAACAA-CCAAC 43  
MBFV-NC\_001474.2 -----ACAGUUUUUUUAUUGAGAGAGCAGA-UCUCUG-----AUGAAUA-CCAAC 43  
MBFV-NC\_012533.1 -----GUGUUGAGAAAAGAAAACAGAUUCUUCGGAA--AUGAA-----AAC 38  
dISFV-NC\_027999.1 -----UUGUUUGAGAGAACAGCGAGAGUACUACU-AUGGUUGAGAAAAACU 45  
MBFV-NC\_012735.1 -----AAGGAGUAGAAGAAAG-GAGAUUCAUUCCCAAUGGCAACAAAGGGG 45  
MBFV-NC\_008719.1 -----AAAGGUGAGAGAAAAG-GAGUUUGCUCUCUAGGCAACAAGAGGA 45  
MBFV-NC\_002031.1 -----UUGAGCGAUUAGCAGA-GAACUGACCAGAACAUUGUC-----U 36  
dISFV-NC\_016997.1 CAUUAGAAUAGGUUUGAAAGAGUUGAAUCA-----AUGAGAUCAAUGGUC 45  
.....10.....20.....30.....40.....50.....6



(((((.....(((((((((((.....  
dISFV-NC\_040610.1 CUUGGAAAGACC---GUUGCAAGACGGUCUGGCAUAUUGCGAAAGC--GGAUUACCACCC 97  
dISFV-NC\_024017.1 UCAAGAAAGCCC---GCCGCAAAGCGGGCUGUAUAUUGCUAACAC--GCAUCACCAAGC 97  
dISFV-NC\_017086.1 CCCAAGAAAGCCC---GG---AAGACGGGCUACGUAUUGAGACGUGCGUUGCCUCGC 96  
MBFV-NC\_009028.2 CCAGGAAAGUCC---CGUCGAAAGCGGACUGUCAAUAUGCUAAAACGCCUGGCUAGCGUG 99  
MBFV-NC\_040776.1 CCAGGAGGACCC---GCCGGAAGGCGGGUUGUCAAUAUUGCUGAAACGCCAGCCAGCGUU 99  
MBFV-NC\_034151.1 CCAGGAGGACCC---GGAAAGAACC GGUGUCUAUAUUGCUGAAGCGCACAUCCCGCGCU 99  
MBFV-NC\_000943.1 CCAGGAGGACCC---GGGAAGCCCCGGGUCGCAUAUUGCUAAAACGCGGCAUACCCCGC 99  
MBFV-NC\_006551.1 CCAGGAGGGGCC---GGAAGAAACCGGGCCAUAUAUUGCUGAAACGCGGCAUACCCCGC 99  
MBFV-NC\_001563.2 CCAGGAGGGGCC---GGUAAAAACCGGGCUGUCAAUAUUGCUAAAACGCGGUAUGCCCGC 99  
MBFV-NC\_009942.1 CCAGGAGGGGCC---GGCAAGAGCCGGGCUUGUCAAUAUUGCUAAAACGCGGAAUGCCCGC 99  
MBFV-NC\_007580.2 CCAGGAAAACCC---GGUAGAAAACCGGGUUGUCAAUAUUGCUAAAACGCGGCGUAUCCCGC 99  
MBFV-NC\_009026.2 CCAGGAAGACCC---GGAGGAAAACCGGGUCGCAUAUUGCUUAAAGCGUACGGCGGCCAAC 99  
MBFV-NC\_009029.2 CCAGGAAGGCC---GGUAGAAAUCGGGCGCGCAUAUUGCUUAAAGCGCGGUGCGUCCCGC 99  
MBFV-NC\_032088.1 CCAGGAAAGUCC---GGCAAUCGUCGGACUGUCAAUAUUGCUAAGCGCGGAGCAUCCCGC 99  
MBFV-NC\_012534.1 CCAGGAAAACCC---GGGGCAACCCGGGUUGUCAAUAUUGCUAAGCGCGGUGCAUCC--- 100  
MBFV-NC\_015843.2 CCAGGAAGACCC---GGCUCAGGCCGGGUUGUCAAUAUUGCUAAGCGCGGGAACGUCC--- 100  
MBFV-NC\_001437.1 CCAGGAGGGGCC---GGUAAAAACCGGGCUACUAUAUUGCUGAAACGCGGGCUACCCCGC 99  
MBFV-NC\_012532.1 GAAGAAAUC--C---GGAGA-UCCGGAUUGUCAAUAUUGCUAAAACGCGGAGUAGCCCGU 99  
MBFV-NC\_035889.1 AAAGAAAUC--C---GGAGGAUUCGGAUUGUCAAUAUUGCUAAAACGCGGAGUAGCCCGU 99  
MBFV-NC\_002640.1 GAAAAAAGG--U---GGUUGAGACC--ACCUUCAAUAUUGCUGAAACGCGAGAGAAACCGC 93  
MBFV-NC\_001477.1 GGAAAAAGA--C---GGGUCGACC--GUCUUCAAUAUUGCUGAAACGCGCGAGAAACCGC 96  
MBFV-NC\_001475.2 GGAAGAAGA--C---GGGAAAAAC--GUCUACUAUAUUGCUGAAACGCGGAGAAACCGU 96  
MBFV-NC\_001474.2 GGAAAAAGG--C---GAAAAACAC--GCCUUCAAUAUUGCUGAAACGCGAGAGAAACCGC 96  
MBFV-NC\_012533.1 CCAAAAAAG--G---GCCGCAUCGCGGCCUAUAUAUUGCUGAAGCGCUUUGGAUCUAGC 93  
dISFV-NC\_027999.1 AGAGUAGGAUUCUGGGGUUAAAACCGGGUGUCAAUAUUGAU-----UAGCGCUACU 96  
MBFV-NC\_012735.1 AUGAAUAAGUCUCGGGCUUGCAUCCCGAGGCGCAUAUUGGU-----AGCGGCUAGA 96  
MBFV-NC\_008719.1 GCAAGCAAGUCUCGGGUCACGACCCGGGGCGCAUAUUGGU-----GACGGCCAAG 96  
MBFV-NC\_002031.1 GGUCGUAAAGCUCAGGGAACCAACCCUGGGCGUCAAUAUUGGUACGACGAGGAGUUCGUCC 96  
dISFV-NC\_016997.1 UUUCGAGCUAGGAGGCCCGUAAAACGGGCGCGCAUAUAUAUAAAACGUAAGCUGC----- 100  
0.....70.....80.....90.....100.....110.....1



.....)))))))))..))))).....))..  
dISFV-NC\_040610.1 G-CU---NNNNNNNNCUACUUAUUU-AUAUAACAGCAUAUUGACA-CCAGGG-AUAGACCG 150  
dISFV-NC\_024017.1 G-UG---NNNNNNNNCU- GUGAGA- GCAAAUAGCAUAUUGACA-CUUGGGAAGAGACCA 150  
dISFV-NC\_017086.1 GUCU---NNNNNNNCCAAAAAUG-A-AGGGCAUAUAUUGACACUUGGG--AAAGACCA 149  
MBFV-NC\_009028.2 U-----NNNNNNNCAAGCGCGAAA--ACAAACAGCAUAUUGACG-CCUGGGA--AAGACC 148  
MBFV-NC\_040776.1 U-----NNNNNNN- AAGCGCAA- GACAAACAGCAUAUUGACA-CCUGGGA--AAGACC 148  
MBFV-NC\_034151.1 A-----NNNNNNNGAA- CGCAAA- UAAAAACAGCAUAUUGACA-CCUGGGA--UAGACU 148  
MBFV-NC\_000943.1 G-----NNNNNNNAAAAAGCAUC--AAACAACAGCAUAUUGACA-CCUGGGA--AAGACU 149  
MBFV-NC\_006551.1 G-----NNNNNNN- UAAGCAUCA- AAAAAACAGCAUAUUGACA-CCUGGGAUUUAGACU 150  
MBFV-NC\_001563.2 G-----NNNNNNNNAACACC- AA- AAGAAACAGCAUAUUGACA-CCUGGGA--UAGACU 148  
MBFV-NC\_009942.1 G-----NNNNNNNNAACACCA- CA- ACAAACAGCAUAUUGACA-CCUGGGA--UAGACU 148  
MBFV-NC\_007580.2 G-----NNNNNNNCCGUUAACGC- AAACAACAGCAUAUUGACA-CCUGGGA--AGACA 148  
MBFV-NC\_009026.2 G-----NNNNNNN- ACGCACCAA- AAGAAACAGCAUAUUGACA-CCUGGGA--UAGACC 148  
MBFV-NC\_009029.2 G-----NNNNNNN- AGCGCAAAC- AAAAAACAGCAUAUUGACA-CCUGGGA--AAGACU 148  
MBFV-NC\_032088.1 G-----NNNNNNN- UACCGCAA- ACAAACAGCAUAUUGACA-CCUGGGA--UAGACU 148  
MBFV-NC\_012534.1 -----NNNNNNN- AACACCAA- ACAAACAGCAUAUUGACA-CCUGGGA--GAGACU 148  
MBFV-NC\_015843.2 -----NNNNNNNNGAACACCACA- A- GAAACAGCAUAUUGACA-CCUGGGA--UAGACU 148  
MBFV-NC\_001437.1 G-----NNNNNNN-----CAUAUUGACA-CCUGGGA--UAGACU 131  
MBFV-NC\_012532.1 G-----NNNNNNNCCCCGGAAAAACGCAAAACAGCAUAUUGAC--G-UGGGA--AAGACC 148  
MBFV-NC\_035889.1 G-----NNNNNNN- CCCGAAAAACGCAAAACAGCAUAUUGAC--GCUGGA--AAGACC 148  
MBFV-NC\_002640.1 GUAUCAANNNNNNNCCCCCAACACA- AAAACAGCAUAUUGAC--GCUGGA--AAGACC 148  
MBFV-NC\_001477.1 GUGU---NNNNNNNCCCGCACAACAA- CAAACAGCAUAUUGAC--GCUGGA--GAGACC 148  
MBFV-NC\_001475.2 GUGU---NNNNNNNCCCCCGCAAAUA- AAAACAGCAUAUUGAC--GCUGGA--GAGACC 148  
MBFV-NC\_001474.2 GUGU---NNNNNNNCCCCCGAAACAA- AAAACAGCAUAUUGAC--GCUGGA--AAGACC 148  
MBFV-NC\_012533.1 GCUGGCCNNNNNNNAUAACCAA--CAUAAAACAGCAUAUUGACA-CCUGGGA--AAGACC 148  
dISFV-NC\_027999.1 GGAA---NNNNNNNCCAUUGGAAAUUAGCU--UCAUAUUGACA-CCAGGGAAAAGACCG 150  
MBFV-NC\_012735.1 GUGA---NNNNNNNCC- GAGCACAUAGCGGACCAUAUUGACG-CCAGG- AAAGACCG 150  
MBFV-NC\_008719.1 GCCA---NNNNNNNCC- GAGCAC- UAUAGCGGACCAUAUUGACG-CCUGG- AAAGACCG 149  
MBFV-NC\_002031.1 UUGU---NNNNNNNAGGGAACAAAU- AGUGGGACCAUAUUGACG-CCAGG- AAAGACCG 150  
dISFV-NC\_016997.1 -----NNNNNNNCAAA--AAUGUAUAGGCUAUUAUAUUGCA-CCUAGGAAAGACUGG 150  
20.....130.....140.....150.....160.....170.....1



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dISFV-NC\_040610.1 GAGAAAUACACAAUUC----- 167  
dISFV-NC\_024017.1 GAGAUUG- AUGUUGUU----- 167  
dISFV-NC\_017086.1 GAGGUACUCGCUGAUUCA----- 167  
MBFV-NC\_009028.2 GGGAGAU- CCUCUGCUUUC----- 167  
MBFV-NC\_040776.1 GGGAGAC- CCUCUGCUCUGC----- 167  
MBFV-NC\_034151.1 GGGAGAC- CCUCUGCUUUAU----- 167  
MBFV-NC\_000943.1 AGGAGAU- CUUCUGCUCUA----- 167  
MBFV-NC\_006551.1 AGGAGAU- CUUCUGCUCU----- 167  
MBFV-NC\_001563.2 AGGGGAU- CUUCUGCUCUGC----- 167  
MBFV-NC\_009942.1 AGGAGAU- CUUCUGCUCUGC----- 167  
MBFV-NC\_007580.2 GGAGAU- CCCUGCUUUUUC----- 167  
MBFV-NC\_009026.2 GGAGAAU- UUGCUGCCUCGC----- 167  
MBFV-NC\_009029.2 AGGGGAU- UUGCUGCUCUGG----- 167  
MBFV-NC\_032088.1 AGGAGAU- CCGCUGCUCUGG----- 167  
MBFV-NC\_012534.1 AGGAGAC- CCUCUGUCCUAA----- 167  
MBFV-NC\_015843.2 AGGAGAC- CCUCUGUCCUAA----- 167  
MBFV-NC\_001437.1 GGGAGAUUCUCUGCUCUAUCUCAACAUAGCUACUA 167  
MBFV-NC\_012532.1 AGAGACUCCAUGAGAUUCC----- 167  
MBFV-NC\_035889.1 AGAGACUCCAUGAGAUUCC----- 167  
MBFV-NC\_002640.1 AGAGAUCCUGCUGUCUCUG----- 167  
MBFV-NC\_001477.1 AGAGAUCCUGCUGUCUCUA----- 167  
MBFV-NC\_001475.2 AGAGAUCCUGCUGUCUCUCCU----- 167  
MBFV-NC\_001474.2 AGAGAUCCUGCUGUCUCUCCU----- 167  
MBFV-NC\_012533.1 GGAGACUCUGUUGGCUUUC----- 167  
dISFV-NC\_027999.1 GAGAAACUUCUUGCUU-A----- 167  
MBFV-NC\_012735.1 GAGACACUCCUUGAUUC----- 167  
MBFV-NC\_008719.1 GAGACACUCCUUGAUUC----- 167  
MBFV-NC\_002031.1 GAGUGGUUCUCUGCUU-U----- 167  
dISFV-NC\_016997.1 AGAUACCUUUGGUUCUU----- 167  
80.....190.....200.....210.....

