

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-----AGGAAAAGCAGAGAAGCGAAUUCUCUGA-----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--UCAUGAAAAAACCCCAA 45  
MBFV-NC\_035889.1 -----UUUUUGGAUUU---GGAAACGAGAG-UUUCUGG--UCAUGAAAAA-CCCAA 44  
MBFV-NC\_002640.1 -----UGUUUGAAUAGAGAGCAGA-UCUCUGGAAAAAUG---AA-CCAAC 40  
MBFV-NC\_001477.1 -----AACAGUUUUUUUAUUGAGAGAGCAGA-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 -----UUUUUGAGAGAACAGCGAGAGUACUACU-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---AAGACGGGCUACGUAUAGUGAGACGUGCGUUGCCUCGC 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---GGAGGAAAACCGGGUCGCAUAUUGGCUAAAGCGUACGGCGGCCAAC 99  
MBFV-NC\_009029.2 CCAGGAAGGCC---GGUAGAAAUCGGGCGCGCAUAUUGGCUAAAGCGCGGUGCGUCCCGC 99  
MBFV-NC\_032088.1 CCAGGAAAGUCC---GGCAAUCGUCGGACUGUCAAUAUUGCUAAAGCGCGGAGCAUCCCGC 99  
MBFV-NC\_012534.1 CCAGGAAAACCC---GGGGCAACCCGGGUUGUCAAUAUUGCUAAAGCGCGGUGCAUCC--- 100  
MBFV-NC\_015843.2 CCAGGAAGACCC---GGCUCAGGCCGGGUUGUCAAUAUUGCUAAAGCGCGGAAACGUCC--- 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 GGUCGUAAGAGCAGGGAACCAACCCUGGGCGUCAAUAUUGGUACGACGAGGAGUUCGUCC 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-CAAAAUAGCAUAUUGACA-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-----NNNNNNNAAACACC-AA-AAGAAACAGCAUAUUGACA-CCUGGGA--UAGACU 148  
MBFV-NC\_009942.1 G-----NNNNNNNAAACACCA-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-ACAAACAGCAUAUUGACA-CCUGGGA--AAGACU 148  
MBFV-NC\_032088.1 G-----NNNNNNN-UACCGCAA-ACAAACAGCAUAUUGACA-CCUGGGA--UAGACU 148  
MBFV-NC\_012534.1 -----NNNNNNN-AACACCAAA-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-CCCCGAAAAACGCAAAACAGCAUAUUGAC--GCUGGGA--AAGACC 148  
MBFV-NC\_002640.1 GUAUCAANNNNNNNCCCCCAACACA-AAAAACAGCAUAUUGAC--GCUGGGA--AAGACC 148  
MBFV-NC\_001477.1 GUGU---NNNNNNNCCCGCACAACAA-CAAACAGCAUAUUGAC--GCUGGGA--GAGACC 148  
MBFV-NC\_001475.2 GUGU---NNNNNNNCCCCCGCAAAUA-AAAACAGCAUAUUGAC--GCUGGGA--GAGACC 148  
MBFV-NC\_001474.2 GUGU---NNNNNNNCCCCCGAAACAA-AAAACAGCAUAUUGAC--GCUGGGA--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-CCUGGG-AAAGACCG 149  
MBFV-NC\_002031.1 UUGU---NNNNNNNAGGGAACAAAU-AGUGGGACCAUAUUGACG-CCAGGG-AAAGACCG 150  
dISFV-NC\_016997.1 -----NNNNNNNCAAA--AAUGUAUAGGCUAUUAUAVCGCA-CCUAGGAAAGACUGG 150  
20.....130.....140.....150.....160.....170.....1



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dISFV-NC\_040610.1 GAGAAAUACACAAUUUC----- 167  
dISFV-NC\_024017.1 GAGAU AUG-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-CCGUGCUCUGG----- 167  
MBFV-NC\_012534.1 AGGAGAC-CCUCUGUCCUAA----- 167  
MBFV-NC\_015843.2 AGGAGAC-CCUCUGUCCUAA----- 167  
MBFV-NC\_001437.1 GGGAGAUUCUCUGCUCUAUCUACAUCAGCUACUA 167  
MBFV-NC\_012532.1 AGAGACUCCAUGAGUUUC----- 167  
MBFV-NC\_035889.1 AGAGACUCCAUGAGUUUC----- 167  
MBFV-NC\_002640.1 AGAGAUCCUGCUGUCUCUG----- 167  
MBFV-NC\_001477.1 AGAGAUCCUGCUGUCUCUA----- 167  
MBFV-NC\_001475.2 AGAGAUCCUGCUGUCUCU----- 167  
MBFV-NC\_001474.2 AGAGAUCCUGCUGUCUCU----- 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 AGAUACCUUUGGUUCU----- 167  
80.....190.....200.....210....

