

dISFV-NC\_016997.1 -----CAUUAGAAUAGGUUUUGAAAGAGUUGAAUCAAUAGAGAUCAAUGGUCUUUCGA 51  
dISFV-NC\_017086.1 -----UGAAUAGGUUUUAUUGUGAAUCGAAAUACCGAUG-----GCGAAUAAA 42  
MBFV-NC\_002640.1 -----UGUUUGAAUAGAGAGCGAGAUUCUCUGGAAAAAUG-----AA--CCAACGAA 43  
MBFV-NC\_001477.1 ----AACAGUUUUUUAUUAGAGAGCAGAUUCUCUG-----AUGAA---CAA--CCAACGGA 46  
MBFV-NC\_001475.2 ----GACAGUUUUUUAAUUAGAGAGCAGAUUCUCUG-----AUGAA---CAA--CCAACGGA 46  
MBFV-NC\_001474.2 ----ACAGUUUUUUAAUUAGAGAGCAGAUUCUCUG-----AUGAA---UAA--CCAACGGA 46  
MBFV-NC\_012533.1 -----GUGUUGAGAAAAAGAAAACAGAU-UCUUCGGAUUAUGAA---AA--CCCAAAAAA 46  
MBFV-NC\_012532.1 -----AUUUGGAUUUUGGAAACGAGAG-UUUCUGGUCAUGAA---AAACCCCAAAAGAA 48  
MBFV-NC\_035889.1 -----UUUUGGAUUUUGGAAACGAGAG-UUUCUGGUCAUGAA---AAA-CCCAAAAAA 47  
dISFV-NC\_040610.1 -----AAAGAAGUCAAAAACUAGAAAUUUA-AUU-UCAAUGGUU---AGA---CAACUU 45  
dISFV-NC\_024017.1 -----UGAU-AGAGUUUGACUAGAUAAACGA-AUUAUUCGAUGGUG---ACU---AAAUCA 45  
MBFV-NC\_009029.2 ACACAGUGUGAAACAAGUUUUUUGAACAG-----CAAUGACC---AAA---AAACCA 45  
MBFV-NC\_032088.1 -----AGUGUGAAACAAGUUUUUUGAUCAGUGG-----AUAAUGACU---AAA---AAACCA 45  
MBFV-NC\_012534.1 ----AGUUUGAAC--GUUUUUUGGAGAGA---GAUUUAUUUGUUUAACAAA---AAACCA 48  
MBFV-NC\_015843.2 ----AGUUUGAAC--GUUUUUUGGAUAGA---GACAACUAUGUCUAACAAA---AAACCA 48  
MBFV-NC\_034151.1 ----UGAAUA---GUUUUUUGAACAGAGGUGAAAACCAUGUCU---AAA---AAACCA 45  
MBFV-NC\_009026.2 -----UCGAGGAAAGACGAGAACGAAUUCUCUG---AAUGGCU---AGA---AAACCA 45  
MBFV-NC\_007580.2 -----GCGAACAGUUUUUUUAGC-AGGGAAUUACCCAAUGUCU---AAA---AAACCA 45  
MBFV-NC\_001563.2 ----U-GCGAGCUGUUUCUUGGC-ACGAAGAUCU-CGAUGUCU---AAG---AAACCA 45  
MBFV-NC\_009942.1 ----U-GCGAGCUGUUUCUUGGC-ACGAAGAUCU-CGAUGUCU---AAG---AAACCA 45  
MBFV-NC\_009028.2 ----U-CUGAAUAGUUUUUUUAGC-A-AGGGAUUUCCCAUGUCU---AAA---AAACCA 45  
MBFV-NC\_040776.1 ----U-CUGAAUAGUUUUUUUAGC-A-GAGGUACUACCAUGUCU---AAA---AAACCA 45  
MBFV-NC\_000943.1 -----UGAACAGUUUUUUGGAGCUUUUGAUUUCAAAUGUCU---AAA---AAACCA 45  
MBFV-NC\_006551.1 -----GCCGGCAGUUUCUUUGAGC-GUUGAUUUUCAAUGUCU---AAG---AAACCA 45  
MBFV-NC\_001437.1 -----UUAAACAGUUUUUUUAGA-ACGGAAGAUAAACCAUGACU---AAA---AAACCA 45  
MBFV-NC\_002031.1 -----UUGAGCGAUUAGCAGAGAACUGACCAGAAC--AUGUC-----UGGUCGU 42  
dISFV-NC\_027999.1 -----UUGUUUGA-GAGAACAGCGAGAAAGUACUACU-AUGGUUGAGAAAACUAGAGUA 51  
MBFV-NC\_008719.1 -----AAAGGGUA-GAGAAAAG-GAGUUUUGCUUCUCAUGGCAACAAGAGGAGCAAGC 51  
MBFV-NC\_012735.1 -----AAGGAGUA-GAAGAAAAG-GAGAUUCAUUCCCA AUGGCAACAAGGGGAUGAAU 51  
.....10.....20.....30.....40.....50.....6



.....((((((((((((.....  
dISFV-NC\_016997.1 GCUAGGAGGGCCCGUUAACCGGGCCGUCGAUAUAUAUAAAACGUAAGCUGC----- 100  
dISFV-NC\_017086.1 CCCAAGAAGCCCGGAAGACGGGCUAUCGAUAUAGUGAGACGUGCGUUGCCUCGCGUCU-- 100  
MBFV-NC\_002640.1 AAAAGGUG---GUUAGACCACCUUUCAAUAUGCUGAAACGCGAGAGAAACCGCGUAUCA 99  
MBFV-NC\_001477.1 AAAAGCG---GGUCGACCGCUUUCAAUAUGCUGAAACGCGGAGAAACCGCGUGU-- 100  
MBFV-NC\_001475.2 AGAAGACG---GGAAAAACCGUCUAUCAUAUUGCUGAAACGCGUGAGAAACCGGUGUGU-- 100  
MBFV-NC\_001474.2 AAAAGGCG---AAAAACACGCGCUUUCAAUAUUGCUGAAACGCGGAGAGAAACCGCGUGU-- 100  
MBFV-NC\_012533.1 GG---GC--CGCAUCGCGGCCUAUCAUAUUGCUGAAGCGCUUUGGAUCUAGCGCUGGC 99  
MBFV-NC\_012532.1 GAAAUCCGG---AGGA-UCCGGAUUGUCAUAUUGCUAAAAACGCGGAGUAGCCCGUG-- 100  
MBFV-NC\_035889.1 GAAAUCCGG---AGGAUUCGGAUUGUCAUAUUGCUAAAAACGCGGAGUAGCCCGUG----- 100  
dISFV-NC\_040610.1 GGAAAGACCCGUUGCAAGACGGUCUGUCAUAUUGCUGAAAGCGGAUUAACACCCCGCU----- 100  
dISFV-NC\_024017.1 AGAAAGCCCGCCGCAAAAGCGGGCUGUUAUAUUGCUAACACGCAUCACCAAGCGUG----- 100  
MBFV-NC\_009029.2 GGAAGGCCCGGUAGAAAAUCGGGCCGUCUAUAUUGCUAAGAGCGCGGUGCGUCCCGCG----- 100  
MBFV-NC\_032088.1 GGAAAGUCCGGCAAUCGUCGGACUGUCAUAUUGCUAAGAGCGCGGAGCAUCCCGCG----- 100  
MBFV-NC\_012534.1 GGAAAGACCCGGGGCAACCCGGGUUGUCAUAUUGCUAAGAGCGCGGUGCAU---CCC----- 100  
MBFV-NC\_015843.2 GGAAGACCCCGGCUAGGCCGGGUUGUCAUAUUGCUAAGAGCGCGGAACGU---CCC----- 100  
MBFV-NC\_034151.1 GGAGGACCCGGAAAGAACC GGGUUGUCAUAUUGCUGAAGCGCACAUCCCGCGCUA----- 100  
MBFV-NC\_009026.2 GGAAGACCCGGAGGAAACCGGGUCCGUCAAUAUUGCUAAGAGCGUACGGCGGCCAACG----- 100  
MBFV-NC\_007580.2 GGAAACCCCGGUAGAAACCGGGUUGUCAUAUUGCUAAAAACGCGGCGUAUCCCGCG----- 100  
MBFV-NC\_001563.2 GGAGGGCCCGGUAAAAACCGGGCUGUCAUAUUGCUAAAAACGCGGUUAUGCCCGCG----- 100  
MBFV-NC\_009942.1 GGAGGGCCCGGCAAGAGCCGGGCUUGUCAUAUUGCUAAAAACGCGGAUUGCCCGCG----- 100  
MBFV-NC\_009028.2 GGAAAGUCCCGUGCAAGCGGGACUGUCAUAUUGCUAAAAACGCGGCUAGCGUGU----- 100  
MBFV-NC\_040776.1 GGAGGACCCGCCGGAAGGCGGUUGUCAUAUUGCUGAAACGCCCCAGCCAGCGUUU----- 100  
MBFV-NC\_000943.1 GGAGGACCCGGGAAGCCCCGGGUUGUCAUAUUGCUAAAAACGCGGCAUACCCCGCG----- 100  
MBFV-NC\_006551.1 GGAGGGCCCGGAAGAAACCGGGCCAUCAUAUUGCUGAAACGCGGCAUACCCCGCG----- 100  
MBFV-NC\_001437.1 GGAGGGCCCGGUAAAAACCGGGUUGUCAUAUUGCUGAAACGCGGCGUAUCCCGCG----- 100  
MBFV-NC\_002031.1 AAAGCUCAGGGAAAAACCCUGGGCGUCAUAUUGGUACGACGAGGAGUUCGCUCCUUGU-- 100  
dISFV-NC\_027999.1 GGAUCUCGGGUUAAAAACCGGAGGUGUCAUAUUGAUUAGGCG--UACUG-----AA-- 100  
MBFV-NC\_008719.1 AAGUCUCGGG-UC-ACGACCGGGCGUCAUAUUGGUGACGCGCCAAGGC-----CA-- 100  
MBFV-NC\_012735.1 AAGUCUCGGGCUCGAUCCCGAGGCGUCAUAUUGGUAG--CGGCUAGAGU-----GA-- 100  
0.....70.....80.....90.....100.....110.....1



.....)))))))))))).....  
dISFV-NC\_016997.1 -NNNNNNNN--CAAAAAUGUAUAGGCUAUUAUAUCGACAC-UUAGGA-AAGACUGGAGAU 155  
dISFV-NC\_017086.1 -NNNNNNNN--CCCAAAAAUGAAGGGCAGUAUAUCGACAC-UUGGGA-AAGACCAGAGUA 155  
MBFV-NC\_002640.1 ANNNNNNNNCCCCCAACACA-AAAAACAGCAUAUUGACG--CUGGGA-AAGACCAGAGAU 155  
MBFV-NC\_001477.1 -NNNNNNNNNCCCGCACAACAA-CAAACAGCAUAUUGACG--CUGGGA-GAGACCAGAGAU 155  
MBFV-NC\_001475.2 -NNNNNNNNNCCCCGCAAAUA-AAAAACAGCAUAUUGACG--CUGGGA-GAGACCAGAGAU 155  
MBFV-NC\_001474.2 -NNNNNNNNNCCCCGAAACAA-AAAAACAGCAUAUUGACG--CUGGGA-AAGACCAGAGAU 155  
MBFV-NC\_012533.1 CNNNNNNNNA--UAACCAACAUAAAAACAGCAUAUUGACAC-CUGGGA-AAGACCGGAGACU 155  
MBFV-NC\_012532.1 -NNNNNNNNNCCCCGAAAAACGCAAAACAGCAUAUUGACG---UGGGA-AAGACCAGAGACU 155  
MBFV-NC\_035889.1 -NNNNNNNN-CCCCGAAACGCAAA--ACAGCAUAUUGACGUGGGA-AAGACCAGAGAU 155  
dISFV-NC\_040610.1 -NNNNNNNNNCUAUUAUUU-AUAUAACAGCAUAUUGACACCAGGG-AUAGACCGGAGAAU 157  
dISFV-NC\_024017.1 -NNNNNNNNNCUGCUGAGAG--CAAAAUAGCAUAUUGACACUUGGGAAGAGACCAGAGAU 157  
MBFV-NC\_009029.2 -NNNNNNNN-AGCGCAAA-ACAAAACAGCAUAUUGACACCUGGGA--AAGACUAGGGGAU 155  
MBFV-NC\_032088.1 -NNNNNNNN-UACGCAAA-ACAAAACAGCAUAUUGACACCUGGGA--UAGACUAGGAGAU 155  
MBFV-NC\_012534.1 -NNNNNNNN-AACACCAA-ACAAAACAGCAUAUUGACACCUGGGA--GAGACUAGGAGAC 155  
MBFV-NC\_015843.2 -NNNNNNNN-GAACACCAC-AAGAAACAGCAUAUUGACACCUGGGA--UAGACUAGGAGAC 155  
MBFV-NC\_034151.1 -NNNNNNNN-GAACGCAA-UAAAAACAGCAUAUUGACACCUGGGA--UAGACUAGGAGAC 155  
MBFV-NC\_009026.2 -NNNNNNNN-ACGCACCA-AAGAAACAGCAUAUUGACACCUGGGA--UAGACCGGAGAAU 155  
MBFV-NC\_007580.2 -NNNNNNNNCCGUUAACGC-AAACAACAGCAUAUUGACACCUGG---AAAGACAGGAGAU 154  
MBFV-NC\_001563.2 -NNNNNNNN-AACACCAA-AAGAAACAGCAUAUUGACACCUGGGA--UAGACUAGGGGAU 155  
MBFV-NC\_009942.1 -NNNNNNNN-AAACACCA-ACAAAACAGCAUAUUGACACCUGGGA--UAGACUAGGAGAU 155  
MBFV-NC\_009028.2 -NNNNNNNNCAAGCGCGAA--ACAAAACAGCAUAUUGACGCCUGGGA--AAGACCGGGAGAU 155  
MBFV-NC\_040776.1 -NNNNNNNN-AAGCGCAAA-GACAAAACAGCAUAUUGACACCUGGGA--AAGACCGGGAGAC 155  
MBFV-NC\_000943.1 -NNNNNNNNAAAG-CAUC-AAACAACAGCAUAUUGACACCUGGGA--AAGACUAGGAGAU 156  
MBFV-NC\_006551.1 -NNNNNNNNUAAGC-AUCA-AAAAAACAGCAUAUUGACACCUGGGAUUAGACUAGGAGAU 157  
MBFV-NC\_001437.1 -NNNNNNNN-----CAUAUUGACACCUGGGGA--UAGACUAGGAGAU 138  
MBFV-NC\_002031.1 -NNNNNNNN-AGGGAACAAAUAGUGGGCAUAUUGACGCCAGGG-A-AAGACCGGAGUGG 156  
dISFV-NC\_027999.1 -NNNNNNNN-CC-AUUGGAAAUUAGCUUCAUAUUGACACCAGGGA--AAGACCGGAGAAA 156  
MBFV-NC\_008719.1 -NNNNNNNN-CCGAGCAC-UAUAGCGGACCAUAUUGACGCCUGGG-A-AAGACCGGAGACA 155  
MBFV-NC\_012735.1 -NNNNNNNN-CCGAGCACAUAGCGGACCAUAUUGACGCCAGGG-A-AAGACCGGAGACA 156  
20.....130.....140.....150.....160.....170.....1



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dISFV-NC\_016997.1 CCUUUGGUUCUU----- 167  
dISFV-NC\_017086.1 CUCGCUGAUUCA----- 167  
MBFV-NC\_002640.1 CUGCUGUCUCUG----- 167  
MBFV-NC\_001477.1 CUCGUCUCUCUA----- 167  
MBFV-NC\_001475.2 CUGCUGUCUCCU----- 167  
MBFV-NC\_001474.2 CUGCUGUCUCCU----- 167  
MBFV-NC\_012533.1 CUGUUGGCUUUC----- 167  
MBFV-NC\_012532.1 CCAUGAGUUUCC----- 167  
MBFV-NC\_035889.1 CCAUGAGUUUCC----- 167  
dISFV-NC\_040610.1 ACACAAUUUU----- 167  
dISFV-NC\_024017.1 GAUGUUGUU----- 167  
MBFV-NC\_009029.2 UUGCUGC-UCUGG----- 167  
MBFV-NC\_032088.1 CCGCUGC-UCUGG----- 167  
MBFV-NC\_012534.1 CCUCUGU-CCUAA----- 167  
MBFV-NC\_015843.2 CCUCUGU-CCUAA----- 167  
MBFV-NC\_034151.1 CCUCUGC-UUAUU----- 167  
MBFV-NC\_009026.2 UUGCUGCCUC-GC----- 167  
MBFV-NC\_007580.2 CCCCUGCUUUUU----- 167  
MBFV-NC\_001563.2 CUUCUGC-UCUGC----- 167  
MBFV-NC\_009942.1 CUUCUGC-UCUGC----- 167  
MBFV-NC\_009028.2 CCUCUGC-UUUC----- 167  
MBFV-NC\_040776.1 CCUCUGC-UCUGC----- 167  
MBFV-NC\_000943.1 CUUCUGCUCU--A----- 167  
MBFV-NC\_006551.1 CUUCUGCUCU----- 167  
MBFV-NC\_001437.1 CUUCUGCUCUAUCUCAACAUCAGCUACUA 167  
MBFV-NC\_002031.1 UUCUCUGCUU-U----- 167  
dISFV-NC\_027999.1 CUUCUUGCUU-A----- 167  
MBFV-NC\_008719.1 CUCCUUGAUUC----- 167  
MBFV-NC\_012735.1 CUCCUUGAUUC----- 167  
80.....190.....200.....

