

dISFV-NC\_024017.1 -----UGAUAGAGUUGACUAGAUAAACGAAUUAUC----GAUGGUGA---CUAAAUC 44  
dISFV-NC\_017086.1 -----UAGAAUAGGUUUAUUGUGAAUCGAAAUACC----GAUGGCGA---AUAACC 44  
MBFV-NC\_000943.1 -----UG--AAC-AGUUUUUUGGAGCUUUUGA-UUUCA---AAUGUCUA---AAAAACC 44  
MBFV-NC\_006551.1 -----GCCGGC-AGUUUCUUUGAGC-GUUGA-UUUUC---AAUGUCUA---AGAAACC 44  
MBFV-NC\_001563.2 -----UGCGAGC-UGUUUCUUUGGCAC-GAAGA--UCUC---GAUGUCUA---AGAAACC 44  
MBFV-NC\_009942.1 -----UGCGAGC-UGUUUCUUUGGCAC-GAAGA--UCUC---GAUGUCUA---AGAAACC 44  
MBFV-NC\_009029.2 ACACAGUGUGAACAAGUUUUUUG-AACAG-----C---AAUGACCA---AAAAACC 44  
MBFV-NC\_032088.1 -----AGUGUGAACAAGUUUUUUG-AUCAGUGGA-----U---AAUGACUA---AAAAACC 44  
MBFV-NC\_009028.2 -----UCUGAAU-AGUUUUUU--AGCAAGGGA-UUUCC---CAUGUCUA---AAAAACC 44  
MBFV-NC\_040776.1 -----UCUGAAU-AGUUUUUU--AGCAGAGGU-ACUAC---CAUGUCUA---AAAAACC 44  
MBFV-NC\_034151.1 -----UGAAU-AGUUUUUUUG-AACAGAGGUGAAAAC---CAUGUCUA---AAAAACC 44  
MBFV-NC\_007580.2 -----GCGAAC-AGUUUUUU--AGCAGGGAAUUAACC---AAUGUCUA---AAAAACC 44  
MBFV-NC\_009026.2 -----UCGAG--GAAAGACGAGAAGCGAAUUCUCUG---AAUGGCUA---GAAAAACC 44  
MBFV-NC\_012534.1 -----AGUUUGAAC--GUUUUUUG-GAGAGAGA---UUAU---UAUGUUUAACAAAAACC 47  
MBFV-NC\_015843.2 -----AGUUUGAAC--GUUUUUUG-GAUAGAGA---CAAC---UAUGUUAACAAAAACC 47  
dISFV-NC\_040610.1 -----AAAGAAGUCAAAACUAGAAAUUUA-AUUUC---AAUGGUUA---GACAACU 44  
MBFV-NC\_001437.1 -----UUAAACAGUUUUUAGAACGGAAGA--UAAC---CAUGACUA---AAAAACC 44  
MBFV-NC\_012533.1 -----GUGUUGAGAAAAGAAAACAGAUUC-UUCGG--AAAUGAAAA--CCCCAAAA 45  
MBFV-NC\_012532.1 -----AUUUGGAUUUGGAAAACGAGAGUU-UCUGG--UCAUGAAAA--ACCCCCAA 45  
MBFV-NC\_035889.1 -----UUUUGGAUUUGGAAAACGAGAGUU-UCUGG--UCAUGAAAA--A-CCCAAA 44  
MBFV-NC\_002640.1 -----UGUUUGAAUAGAGAGCAGAUUC-UCUGGAAAAAUG---A--A--CCAAC 40  
MBFV-NC\_001474.2 -----ACAGUUUUUUAAUUAGAGAGCAGAUUC-UCUG-----AUGAAUA--A--CCAAC 43  
MBFV-NC\_001477.1 -----AACAGUUUUUUAAUUAGAGAGCAGAUUC-UCUG-----AUGAACA--A--CCAAC 43  
MBFV-NC\_001475.2 -----GACAGUUUUUUAAUUAGAGAGCAGAUUC-UCUG-----AUGAACA--A--CCAAC 43  
MBFV-NC\_002031.1 -----UUGAGCGAUUAGCAGAGAACUGACCAGAAC-----AUGUCUG-----GUCG 41  
dISFV-NC\_016997.1 -----CAUUGAGAAUAGGUUUUGAAAGAGUUGAAUC-AAUGAGAUCAAUGGUCUU 47  
dISFV-NC\_027999.1 -----UUGUUUGAGAAACAGCGAGAAGUACUACU-AUGGUUGAGAAAACUAG 47  
MBFV-NC\_008719.1 -----AAAGGGUAGAGAAAAG-GAGUUUUGCUUCUCAUGGCAACAAGAGGAGC 47  
MBFV-NC\_012735.1 -----AAGGAGUAGAAGAAAAG-GAGAUCAUUCCCAAUGGCAACAAGGGGAU 47  
.....10.....20.....30.....40.....50.....6



(((((.....((.(((.....(((((.(((((((.((((((.....)))))).....  
dISFV-NC\_024017.1 AAGAA--AGCCCGCCGCAAAAGCGGGCUGUUAU- AUGCUAACACGCAUCACCAAGCGU-G 100  
dISFV-NC\_017086.1 CAAGA--AGCCCG- GAAGACGGGCUAUCGAUUAU- AGUGAGACGUGCGUUGCCUCGCGUCU 100  
MBFV-NC\_000943.1 AGGAG--GACCCGGGAAGCCCCGGGUCGUCAAU- AUGCUAAAACGCGGCAUACCCCGC-G 100  
MBFV-NC\_006551.1 AGGAG--GACCCGGGAAGAAACCGGGCCAUCAAU- AUGCUGAAACGCGGCAUACCCCGC-G 100  
MBFV-NC\_001563.2 AGGAG--GGCCCGGUAAAAAACCGGGCUGUCAU- AUGCUAAAACGCGGUAUGCCCGCG-G 100  
MBFV-NC\_009942.1 AGGAG--GGCCCGGCAAGAGACCGGGCUGUCAU- AUGCUAAAACGCGGAAUGCCCGCG-G 100  
MBFV-NC\_009029.2 AGGAA--GGCCCGGUAGAAAUCGGGCCGUCAAU- AUGCUAAAGCGCGGUGCGUCCCGCG-G 100  
MBFV-NC\_032088.1 AGGAA--AGUCCGCGCAUUCGUGGACUGUCAU- AUGCUAAAGCGCGGAGCAUCCCGCG-G 100  
MBFV-NC\_009028.2 AGGAA--AGUCCGCGUCAAAAGCGGACUGUCAU- AUGCUAAAACGCCUGGCUAGCGUG-U 100  
MBFV-NC\_040776.1 AGGAG--GACCCGCGCGAAGGCGGGUUGUCAU- AUGCUGAAACGCCCAGCCAGCGUU-U 100  
MBFV-NC\_034151.1 AGGAG--GACCCGGAAAGAACC GGGUCGUUAU- AUGCUGAAGCGCACAUCCCGCGCU-A 100  
MBFV-NC\_007580.2 AGGAA--AACCCGGUAGAAAACCGGGUUGUCAU- AUGCUAAAACGCGGCGUAUCCCGCG-G 100  
MBFV-NC\_009026.2 AGGAA--GACCCGGAGGAAACC GGGUCGUCAAU- AUGCUAAAGCGUAACGGCGGCCAAC-G 100  
MBFV-NC\_012534.1 AGGAA--AACCCGGGCAACCCCGGGUUGUCAU- AUGCUAAAGCGCGGUGCAUCCC---- 100  
MBFV-NC\_015843.2 AGGAA--GACCCGGGCUAGCCCGGGUUGUCAU- AUGCUAAAGCGCGGAACGCUCC---- 100  
dISFV-NC\_040610.1 UGGAA--AGACCGUUGCAAGACGCGUCUGUCAU- AUGCGAAAGCGGAUUACCACCCCGC-U 100  
MBFV-NC\_001437.1 AGGAG--GGCCCGGUAAAAACCGGGCUAUCUAAU- AUGCUGAAACGCGGCCUACCCCGC-G 100  
MBFV-NC\_012533.1 AGGGC--CGCAUCGCGGCCUAUCAAUAUGCUGAAGCGCUUUGGAUC-UAGC-GCUGGCC- 100  
MBFV-NC\_012532.1 GAAGA--AAUCCGGAGGA-UCCGGAUUGUCAU- AUGCUAAAACGCGGAGUAGCCCGUG- 100  
MBFV-NC\_035889.1 AAAGA--AAUCCGGAGGAUUCCGGAUUGUCAU- AUGCUAAAACGCGGAGUAGCCCGUG- 100  
MBFV-NC\_002640.1 GAAAA--AAGGUGG-UUAGACCAACCUUUAUAU- UGCUGAAACGCGAGAGAAACCGCGUA 96  
MBFV-NC\_001474.2 GGAAA--AAGGCGA-AAAACACGCCUUUCAUAU- UGCUGAAACGCGAGAGAAACCGCGUG 99  
MBFV-NC\_001477.1 GGAAA--AAGACGG-GUCGACCGUCUUUCAUAU- UGCUGAAACGCGCGAGAAACCGCGUG 99  
MBFV-NC\_001475.2 GGAAG--AAGACGG-GAAAAACCGUCUAUCAUAU- UGCUGAAACGCGUGAGAAACCGUGUG 99  
MBFV-NC\_002031.1 UAAAG--CUCAGGGAAAAACCCUGGCUUCAU- AUGGUACGACGAGGAGUUCGCUCCUU 98  
dISFV-NC\_016997.1 UCGAGCUAGGAGGCCCGUUAACCGGGCCGUCGA-UAAUAAUAAAACGUAAGCUGC----- 100  
dISFV-NC\_027999.1 AGUAGGAUCUCGGGUUAAAAACCGGAGGUGUCAU- UAUGAUUAGGCGUACUGGAA----- 100  
MBFV-NC\_008719.1 AAGCAAGUCUCGGGUCAGACCCCGGGCGUCAU- UAUGGUGAGCGCCAAGGCCA----- 100  
MBFV-NC\_012735.1 GAAUAAGUCUCGGGUCGCAUCCCGAGGCGUCAU- UAUGGUAGCGGCUAGAGUGA----- 100  
0.....70.....80.....90.....100.....110.....1



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dISFV-NC\_024017.1 ----NNNNNNNN-CUGCGAGAGCAAAA-UAGCAUAUUGACACUUGGGGAAGAGACCAGAGA 154  
dISFV-NC\_017086.1 ----NNNNNNNN-CCCAAAAUGAAGGG-CACUAUAUCGACACUUGGGAA-AGACCAGAGG 153  
MBFV-NC\_000943.1 ----NNNNNNNN-AAAAGCAUCAAAACAA-CAGCAUAUUGACACCUUGGGAA-AAGACUAGGA 153  
MBFV-NC\_006551.1 ----NNNNNNNN-UAAGCAUCAAAAAAA-CAGCAUAUUGACACCUUGGGAAUUGACUAGGA 154  
MBFV-NC\_001563.2 ----NNNNNNNN-AAACACCAAAAGAAA-CAGCAUAUUGACACCUUGGGA--UAGACUAGGG 152  
MBFV-NC\_009942.1 ----NNNNNNNN-AACACCAAAACAAAA-CAGCAUAUUGACACCUUGGGA--UAGACUAGGA 152  
MBFV-NC\_009029.2 ----NNNNNNNN-AGCGCAAAACAAAA-CAGCAUAUUGACACCUUGGGA--AAGACUAGGG 152  
MBFV-NC\_032088.1 ----NNNNNNNN-UACCGCAAAACAAAA-CAGCAUAUUGACACCUUGGGA--UAGACUAGGA 152  
MBFV-NC\_009028.2 ----NNNNNNNN-CAACGCGGAA-ACAAA-CAGCAUAUUGACCGCUUGGGA--AAGACCGGGA 152  
MBFV-NC\_040776.1 ----NNNNNNNN-AAGCGCAAAAGACAAA-CAGCAUAUUGACACCUUGGGA--AAGACCGGGA 152  
MBFV-NC\_034151.1 ----NNNNNNNNNGAA-CGCAAAUAAAA-CAGCAUAUUGACACCUUGGGA--UAGACUGGGA 152  
MBFV-NC\_007580.2 ----NNNNNNNNCCGUUAAACGCAAAACAA-CAGCAUAUUGACACCUUGGAA--AGAC-AGGA 151  
MBFV-NC\_009026.2 ----NNNNNNNN-CCCGAAAAACGCAAAACAGCAUAUUGAC-ACCUGGGA--UAGA--CCG 149  
MBFV-NC\_012534.1 ----NNNNNNNN-AACACCAAAACAAAA-CAGCAUAUUGACACCUUGGGA--GAGACUAGGA 152  
MBFV-NC\_015843.2 ----NNNNNNNN-GAACACCAACAAGAAA-CAGCAUAUUGACACCUUGGGA--UAGACUAGGA 152  
dISFV-NC\_040610.1 ----NNNNNNNNNCUAUAUUAUUAUAA-CAGCAUAUUGACACCCAGGGA--UAGACC-GGA 152  
MBFV-NC\_001437.1 ----NNNNNNNN-CAUAUUGACACCUUGG-GAAUAGACUGGGAGAUCUUC--UGCUCUAUCU 152  
MBFV-NC\_012533.1 ----NNNNNNNNUAUAAACCAACAUAAAAACGCAUAUUGACAC--CUGGGA-----AAGACCG 149  
MBFV-NC\_012532.1 ----NNNNNNNNCCCCGAAAAACGCAAAACAGCAUAUUGAC-G-UUGGGA-----AAGACCA 149  
MBFV-NC\_035889.1 ----NNNNNNNN-CCCGAAAAACGCAAAACAGCAUAUUGAC-GCUGGGA-----AAGACCA 149  
MBFV-NC\_002640.1 UCAANNNNNNNNNCCCCCAACACAAAAA--CAGCAUAUUGACGCUUGGGA-----AAGACCA 149  
MBFV-NC\_001474.2 U---NNNNNNNNCCCCCGAAAAACAAAAA--CAGCAUAUUGACGCUUGGGA-----AAGACCA 149  
MBFV-NC\_001477.1 U---NNNNNNNNCCCGCAACACAAAAA--CAGCAUAUUGACGCUUGGGA-----GAGACCA 149  
MBFV-NC\_001475.2 U---NNNNNNNNCCCCCGCAAAUAAAAA--CAGCAUAUUGACGCUUGGGA-----GAGACCA 149  
MBFV-NC\_002031.1 GU---NNNNNNNNAGGGAACAAAAUAGUGGGACCAUAUUGACGCCAGGGAA--AGACCGGAGU 154  
dISFV-NC\_016997.1 ----NNNNNNNNCAAAAUGUAUAGGCUAUUAUUAUAGACACCUAGG--A--AAGACUGGAG 152  
dISFV-NC\_027999.1 ----NNNNNNNNCC-AUUGGAAAUUAGCUUAUUAUUGACACCGGAA--AAGACCGGAG 153  
MBFV-NC\_008719.1 ----NNNNNNNNCCGAGCAC-UAUAGCGGACCAUAUUGACGCCUGGG-A--AAGACCGGAG 152  
MBFV-NC\_012735.1 ----NNNNNNNNCCGAGCACAUAGCGGACCAUAUUGACGCCAGGG-A--AAGACCGGAG 153  
20.....130.....140.....150.....160.....170.....1



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dISFV-NC\_024017.1 UAUGAUGUUGUUU---- 167  
dISFV-NC\_017086.1 UACUCGCGUAUUA---- 167  
MBFV-NC\_000943.1 GAUCUUCUGC-UCUA-- 167  
MBFV-NC\_006551.1 GAUCUUCUG--CUC--U 167  
MBFV-NC\_001563.2 GAUCUUCUGC-UCUG--C 167  
MBFV-NC\_009942.1 GAUCUUCUGC-UCUG--C 167  
MBFV-NC\_009029.2 GAUUUGCUGC-UCUG--G 167  
MBFV-NC\_032088.1 GAUCCGUGC-UCUG--G 167  
MBFV-NC\_009028.2 GAUCCUCUGC-UUUC--C 167  
MBFV-NC\_040776.1 GACCCUCUGC-UCUG--C 167  
MBFV-NC\_034151.1 GACCCUCUGC-UUAU--U 167  
MBFV-NC\_007580.2 GAUCCCCUGCUUUUU--C 167  
MBFV-NC\_009026.2 GAGAAUUUGCUGCCUCGC 167  
MBFV-NC\_012534.1 GACCCUCUG--UCCUAA 167  
MBFV-NC\_015843.2 GACCCUCUG--UCCUAA 167  
dISFV-NC\_040610.1 GAAAUACACAAUUU---C 167  
MBFV-NC\_001437.1 CAACAUCAGCUACU---A 167  
MBFV-NC\_012533.1 GAGACUCUGUUGGCUUUC 167  
MBFV-NC\_012532.1 GAGACUCCAUGAGUUUCC 167  
MBFV-NC\_035889.1 GAGACUCCAUGAGUUUCC 167  
MBFV-NC\_002640.1 GAGAUCUGCUGUCUCUG 167  
MBFV-NC\_001474.2 GAGAUCUGCUGUCUCUCU 167  
MBFV-NC\_001477.1 GAGAUCUGCUGUCUCUA 167  
MBFV-NC\_001475.2 GAGAUCUGCUGUCUCUCU 167  
MBFV-NC\_002031.1 GGUUCUCUGCUUU--- 167  
dISFV-NC\_016997.1 AUACCUUUGGUUCUU--- 167  
dISFV-NC\_027999.1 AAACUUCUUGCUUA--- 167  
MBFV-NC\_008719.1 ACACUCCUUGAUUC--- 167  
MBFV-NC\_012735.1 ACACUCCUUGAUUC--- 167  
80.....190.....

