

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 ----GUGUUGAGAAAAGAAAAACAGAU-UCUUCGGA----AAUGAA-----AACCCAAAA 44
MBFV-NC_009026.2 -----UCGAGGAAA--GACGAGAAGCGAAUUCU-CUGAAUGGCU---AGAAAAACCAGGA 48
MBFV-NC_009028.2 -----UCUGAAUAGUUUUUAGCAAGGGGAUUUC-CC--AUGUCU---AAAAAACCCAGGA 48
MBFV-NC_040776.1 -----UCUGAAUAGUUUUUAGCAGAGGUACUA-CC--AUGUCU---AAAAAACCCAGGA 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--AUGUUUAACAAAAAACCCAGGA 51
MBFV-NC_015843.2 -----AGUUUGAACGUUUUUUUGGAUAGAGACAA-CU--AUGUCUAACAAAAAACCCAGGA 51
MBFV-NC_034151.1 -----UGAAUAGUUUUUUGAACAGAGGUGAA-AACCAUGUCU---AAAAAACCCAGGA 48
MBFV-NC_009029.2 ACACAGUGUGAAACAGUUUUUUGAACAG-----CA-----AUGACC---AAAAAACCCAGGA 48
MBFV-NC_032088.1 ----AGUGUGAACAGUUUUUUUGAUCAGUGGAUA-----AUGACU---AAAAAACCCAGGA 48
MBFV-NC_000943.1 -----UGAACAGUUUUUUGGAGCUUUUGAUU-UCAAAUUGUCU---AAAAAACCCAGGA 48
MBFV-NC_007580.2 -----GCGAACAGUUUUUU--AGCAGGGAUUACCCAAUGUCU---AAAAAACCCAGGA 48
dISFV-NC_024017.1 -----UGAUAGAGUUGACUAGAUAAACGAAUUAUCGAUGGUG---ACUAAAUCAAGA 48
dISFV-NC_017086.1 -----UGAAUAGGUUUUAUUGUGAAUCGAAAUACCGAUGGCG---AAUAAACCCAAG 48
dISFV-NC_040610.1 -----AAGAAGUCAAAACUAGAAAUUAAUUUCAUGGUU---AGACAACUUGGA 48
MBFV-NC_001437.1 -----UUAAACAGUUUUUUGAACCGGAAGAUAAACC---AUGACU---AAAAAACCCAGGA 48
MBFV-NC_008719.1 -----AAAGGGUAGAGAAAAAGGAGUUUUGCUUCUCAUGGCAACAAGAGGAGCAAGC 51
MBFV-NC_012735.1 -----AAGGAGUAGAAGAAAGGAGAUUCAUCCCAAUGGCAACAAGGGGAUGAAU 51
dISFV-NC_016997.1 -----CAUUGAAGUAGGUUUUGAAAGAGUUGAAUCAUAGAGAUCAAUGGUCUUUCGA 51
MBFV-NC_002031.1 -----UUGAGCGAUUAGCAGAGAACUGACCAGAACAUUGC-----UGGUCGU 42
dISFV-NC_027999.1 -----UUGUUUGAGAGAAACAGCGAGAGUACUACUAUGGUUGAGAAAACUAGAGUA 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---GGGAAAAACC--GUCUAUCAAUUAUGCUGAAACGCGUGAGAAACCGGUGUGU-- 100
MBFV-NC_001474.2 AGG--C---GGAAAAACAC--GCCUUUCAAUUAUGCUGAAACGCGAGAGAAACCGCGUGU-- 100
MBFV-NC_012532.1 AUC--C---GGAGGA-UCCGGAUUGUCAAUUAUGC UAAAAACGCGGAGUAGCCCCGUG----- 100
MBFV-NC_035889.1 AUC--C---GGAGGAUUCGGAUUGUCAAUUAUGC UAAAAACGCGGAGUAGCCCCGUG----- 100
MBFV-NC_012533.1 AAG--G---GCCGCAUCGCGGCCUAUCAAUUAUGCUGAAGCGCUUUGGAUCUAGCGCUGGC 99
MBFV-NC_009026.2 AGACCC---GGAGGAAACCGGGUCGCAAUUAUGC UAAAGCGUACGGCGGCCAACG----- 100
MBFV-NC_009028.2 AAGUCC---GCUGCAAAGCGGACUGUCAAUUAUGC UAAAAACGCCUGGCUAGCGUGU----- 100
MBFV-NC_040776.1 GGACCC---GCCGGAAGGCGGGUUGUCAAUUAUGC UGAAACGCCCGACCCAGCGGU----- 100
MBFV-NC_006551.1 GGGCCC---GGAAGAAACCGGGCCAUCAAUUAUGCUGAAGCGCGGCAUACCCCGCU----- 100
MBFV-NC_001563.2 GGGCCC---GGUAAAAACCGGGCUGUCAAUUAUGC UAAAAACGCGGUAUGCCCCCGCG----- 100
MBFV-NC_009942.1 GGGCCC---GGCAAGAGCCGGGGCUGUCAAUUAUGC UAAAAACGCGGAAUGCCCCCGCG----- 100
MBFV-NC_012534.1 AAACCC---GGGCAACCCCGGGUUGUCAAUUAUGC UAAAGCGCGGUGCAUCCC----- 100
MBFV-NC_015843.2 AGACCC---GGUCAGGCCGGGUUGUCAAUUAUGC UAAAGCGCGGAACGUCCC----- 100
MBFV-NC_034151.1 GGACCC---GGAAAGAACC GGGUUGCUAAUUAUGCUGAAGCGCACAUCCCGCGCUA----- 100
MBFV-NC_009029.2 AGGCC---GGUAGAAAUCCGGGCCGUCAAUUAUGC UAAAGCGCGGUGCGUCCCCGCG----- 100
MBFV-NC_007580.2 AAGUCC---GGCAAUUGCUGGACUGUCAAUUAUGC UAAAGCGCGGAGCAUCCCGCG----- 100
MBFV-NC_000943.1 GGACCC---GGGAAGCCCCGGGUCGUCAAUUAUGC UAAAAACGCGGCAUACCCCGCG----- 100
dISFV-NC_024017.1 AAACCC---GGUAGAAACC GGGUUGUCAAUUAUGC UAAAAACGCGGCGUAUCCCGCG----- 100
dISFV-NC_017086.1 AAGC-----CCGGAAGACGGGCUAUCGAUUAUGUGAGACGUGCGUUGCCUCCGCGUCU-- 100
dISFV-NC_040610.1 AAGACC---GUUGCAAGACGGUUCUGUCAAUUAUGC--AAAGCGGAUUAACCACCCG-CU-- 100
MBFV-NC_001437.1 GGGCCC---GGUAAAAACCGGGCUAUCAAUUAUGCUGAAACGCGGCCUACCCCGCG----- 100
MBFV-NC_008719.1 AAGUCUCGGGUC---ACGACCCGGGGCGUCAUUAUGGUGACGCGGAGCAUCCCGCA----- 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



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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-AACAGCAUAUUGACACCUGGGGA--UAGACCGGAGAA 154
MBFV-NC_009028.2 -NNNNNNNN--CAAGCGCGAA-ACA-AACAGCAUAUUGACGCCUGGGA--AAGACCGGAGA 154
MBFV-NC_040776.1 -NNNNNNNN--AAGCGCAAAAGCA-AACAGCAUAUUGACACCUGGGGA--AAGACCGGAGA 154
MBFV-NC_006551.1 -NNNNNNNN--UAAGCAUCAAAA-A-AACAGCAUAUUGACACCUGGGAAUAGACUAGGAGA 156
MBFV-NC_001563.2 -NNNNNNNN--AAACACCAAAAG-A-AACAGCAUAUUGACACCUGGGGA--UAGACUAGGGGA 154
MBFV-NC_009942.1 -NNNNNNNN--AACACCACAACA-A-AACAGCAUAUUGACACCUGGGGA--UAGACUAGGAGA 154
MBFV-NC_012534.1 -NNNNNNNN--AAC-ACCAAAACAA-AACAGCAUAUUGACACCUGGGGA--GAGACUAGGAGA 154
MBFV-NC_015843.2 -NNNNNNNN--GAA-CACCACAAGA-AACAGCAUAUUGACACCUGGGGA--UAGACUAGGAGA 154
MBFV-NC_034151.1 -NNNNNNNGAACGCAAAUAAAAA-CAGCAUAUUGACACCU--GGGA--UAGACUGGGAGA 154
MBFV-NC_009029.2 -NNNNNNNN--AGCGCAAAACACA-AACAGCAUAUUGACACCUGGGGA--AAGACUAGGGGA 154
MBFV-NC_032088.1 -NNNNNNNN--UACCGCAAAACAA-AACAGCAUAUUGACACCUGGGGA--UAGACUAGGAGA 154
MBFV-NC_000943.1 -NNNNNNNAA---AAGCAUCAAAACAGCAUAUUGACACCUGGGGA--AAGACUAGGAGA 155
MBFV-NC_007580.2 -NNNNNNNNCCGUUAAC-GCAAA-CAACAGCAUAUUGACACCUGG--A-AAGAC-AGGAGA 153
dISFV-NC_024017.1 -NNNNNNNNC--UGCUGAGAGC-AAAUAAGCAUAUUGACACUUGGGAA-GAGACCAG-AGA 154
dISFV-NC_017086.1 -NNNNNNNNC--CCAAAAAUGA-AGGGCACUAUAUCGACACUUGGGAA--AGACCAG-AGG 153
dISFV-NC_040610.1 -NNNNNNNNC--UCAUUAUUUAUUAUAAACAGCAUAUUGACACGAGG-A-UAGACCGG-AGA 154
MBFV-NC_001437.1 -NNNNNNNN-----CAUAUUGA---CACCUGGGGA-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-UAUUAUAUCGACACCUAGGAA--AGACUGGAGAU 154
MBFV-NC_002031.1 -NNNNNNNNA-GGGAACAAAUAGUGG-GACCAUAUUGACGCCAGGGAA--AGACCGGAGUG 155
dISFV-NC_027999.1 -NNNNNNNNCCAUUGGAAAUU---UAGCUUCAUAUUGACACCAGGGGA--AAGACCGGAGAA 155
20.....130.....140.....150.....160.....170.....1



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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 ACCUUUGGUUCUU----- 167
MBFV-NC_002031.1 GUUCUCUGCUU-U----- 167
dISFV-NC_027999.1 ACUUCUUGCUUA----- 167
80.....190.....200.....

