

MBFV-NC_001437.1 UUAACAGUUUUUAGAACGGAAGAUAAAC-----AUGACUAAAAA-----CCAG 46
MBFV-NC_012532.1 -----UUUUGGAUUUGGAAAC-GAGAG-UUUCUGG--UCAUGAAAAACCCCA----AAGA 47
MBFV-NC_035889.1 -----UUUUGGAUUUGGAAAC-GAGAG-UUUCUGG--UCAUGAAAAA-CCCA----AAAA 46
MBFV-NC_002640.1 -----UGUUUGAAUAGAGA-GCAGA-UCUCUGGAAAAAUG---AA--CCA----ACGA 42
MBFV-NC_001477.1 AAC--AGUUUUUUUUUAGAGA-GCAGA-UCUCUG-----AUGAACAA--CCA----ACGG 45
MBFV-NC_001475.2 GAC--AGUUUUUUUUUAGAGA-GCAGA-UCUCUG-----AUGAACAA--CCA----ACGG 45
MBFV-NC_001474.2 ACA--GUUUUUUUUUUAGAGA-GCAGA-UCUCUG-----AUGAAUAA--CCA----ACGG 45
MBFV-NC_012533.1 -----GUGUUGAGAAAGAAA-ACAGAUUCUUCGG--AAAUGAAAAAC--CCA----A--- 42
dISFV-NC_040610.1 AAAGAAGUCAAAACUAGAAAUUUA-UUUC-----AUGGUUAGACAA-----CUUG 46
dISFV-NC_024017.1 UGAU-AGAGUUGACUAGAUAAACGAAUUUUCG-----AUGGUAGCUAAA-----UCA 46
dISFV-NC_017086.1 UGAAUAGGUUUUAUUGUGAAUCGAAA-UACCG-----AUGGCGAAUAAA-----CCCA 46
MBFV-NC_009029.2 ACAC-AGUGUGAACAAAGUUUUUUGAACAGCA-----AUGACC-AAAAAA--C--CAG 46
MBFV-NC_032088.1 -----AGUGUGAACAAAGUUUUUUGAUCAGUGGAU---AAUGACU-AAAAAA--C--CAG 46
MBFV-NC_012534.1 -----AGUUUGAACGUUUUUUGGAGAGAGAUUUAU---UAUGUUUAACAAAA--AACCAG 49
MBFV-NC_015843.2 -----AGUUUGAACGUUUUUUGGAGAGAGACAAC---UAUGUCUAACAAAA--AACCAG 49
MBFV-NC_007580.2 GC--GAACAGUUUUUU-AGC-AGGGAAUUUACCC-----AAUGCUAAAAAA--CCAG 46
MBFV-NC_009028.2 UC-U-GAAUAGUUUUUUUAGCA-AGGGAUUUUCCC-----AUGUCUAAAAAA--CCAG 46
MBFV-NC_040776.1 UC-U-GAAUAGUUUUUUUAGCA-GAGGUACUACC-----AUGUCUAAAAAA--CCAG 46
MBFV-NC_000943.1 -U-G-AACAGUUUUUUUGGAGCUUUUGAUUUCAA-----AUGUCUAAAAAA--CCAG 46
MBFV-NC_006551.1 GC-C-GGCAGUUUUUCUUGAGC-GUUGAUUUUUA-----AUGUCUAAGAAA--CCAG 46
MBFV-NC_001563.2 UG-C-GAGCUGUUUCUUGGCACGAAGAUCUC-G-----AUGUCUAAGAAA--CCAG 46
MBFV-NC_009942.1 UG-C-GAGCUGUUUCUUGGCACGAAGAUCUC-G-----AUGUCUAAGAAA--CCAG 46
MBFV-NC_009026.2 U---CGAGGA-AAGACGAGAAGCGAAUUCUCUG---AAUGGCUAGAAAA--CCAG 46
MBFV-NC_034151.1 U---GAAUAG-UUUUUUGAACAGAGGUGAAAAAC---CAUGUCUAAAAAA--CCAG 46
MBFV-NC_002031.1 -----UUGAGCGAUUAGCAGAGAACUGACCAGA--ACAUGUCUGGU-----CGUA 43
dISFV-NC_016997.1 -----CAUUGAGAAUAGGUUUGAAAGAGUUGAAUC---AAUGA-GAUCAAUGGUCUUUC 50
dISFV-NC_027999.1 -----UUGUUUUGAGAGAACAGCGAGAAGUACUAC---U-AUGGUUGAGAAAAACUAGAGUA 51
MBFV-NC_008719.1 -----AAAGGGUAGAGAAAAAG-GAGUUUUGCUUC---UCAUGG-CAACAAGAGGAGCAAG 50
MBFV-NC_012735.1 -----AAGGAGUAGAAGAAAAG-GAGAUUCAUUC---CAAUGG-CAACAAAGGGGAUGAA 50
.....10.....20.....30.....40.....50.....6



.....(((.....((((((((((((.....
MBFV-NC_001437.1 GAGGGCCCGGU--AAAAACCGGGCUAUAUAUAGCUGAAGAACGCGGCCUACCCCGCG--- 100
MBFV-NC_012532.1 AGAAAUCCGGA--GGAUCC-GGAUUGUCAUAUAGCUGAAGAACGCGGAGUAGC--CCG-UG- 100
MBFV-NC_035889.1 AGAAAUCCGGA--GGAUCCCGGAUUGUCAUAUAGCUGAAGAACGCGGAGUAGC--CCG-UG- 100
MBFV-NC_002640.1 AAAAAAGGUGG---UUAGACCACUUUUCUAUAUAGCUGAAGAACGCGGAGAAAC--CGC-GUA 96
MBFV-NC_001477.1 AAAAAAGACGG--GUCGACCGUCUUUCUAUAUAGCUGAAGAACGCGCGAGAAAC--CGC-GUG 99
MBFV-NC_001475.2 AAGAAGACGG--GAAAACCGUCUAUCUAUAUAGCUGAAGAACGCGUGAGAAAC--CGU-GUG 99
MBFV-NC_001474.2 AAAAAAGCGCA--AAAACACGCCUUUCUAUAUAGCUGAAGAACGCGAGAGAAAC--CGC-GUG 99
MBFV-NC_012533.1 AAAAAGGGCCGC--AUCG-CGGCCUAUCUAUAUAGCUGAAGCGCUUUGGAUCU--AGC-GCU 96
dISFV-NC_040610.1 GAAAGACCGUU--GCAAGACCGUCUGUCAUAUAGCGAAAGC--GGAUUACCACCCG-CU- 100
dISFV-NC_024017.1 GAAAGCCCGCC--GCAAAGCGGGCUGUUAUAUAGCUAACAC--GCAUCACCAAGCG-UG- 100
dISFV-NC_017086.1 AGAAGCCCGG---AAGACGGGCUAUCGAUAUAGCUGAGACGUGGUGCCGCGUCU- 100
MBFV-NC_009029.2 GAAGGCCCGGU--AGAAAUCGGGCCGUGUCAUAUAGCUAAAGCGCGGUGCGUC--CCG-CG- 100
MBFV-NC_032088.1 GAAAGUCCGGG--AAUCGUCGGACUGUCAUAUAGCUAAAGCGCGGAGCAUC--CCG-CG- 100
MBFV-NC_012534.1 GAAAACCCGGG--GCAACCCGGGUUGUCAUAUAGCUAAAGCGCGGUGCAUC--CC---- 100
MBFV-NC_015843.2 GAAGACCCGGG--UCAGGCCGGGUUGUCAUAUAGCUAAAGCGCGGAACGUC--CC---- 100
MBFV-NC_007580.2 GAAAACCCGGU--AGAAACCGGGUUGUCAUAUAGCUAAAGCGCGGCGUAUC--CCG-CG- 100
MBFV-NC_009028.2 GAAAGUCGCGU--GCAAAGCGGACUGUCAUAUAGCUAAAACGCCUGGCUAG--CGU-GU- 100
MBFV-NC_040776.1 GAGGACCCGCC--GGAAGCGGGUUGUCAUAUAGCUGAAGACGCCAGGCCAG--CGU-UU- 100
MBFV-NC_000943.1 GAGGACCCGGG--AAGCCCCGGGUCUGUCAUAUAGCUAAAGCGCGGCAUACC--CCG-CG- 100
MBFV-NC_006551.1 GAGGGCCCGGA--AGAAACCGGGCCAUCUAUAUAGCUGAAGAACGCGGCAUACC--CCG-CG- 100
MBFV-NC_001563.2 GAGGGCCCGGU--AAAAACCGGGCUGUCAUAUAGCUAAAGCGCGGUAUGCC--CCG-CG- 100
MBFV-NC_009942.1 GAGGGCCCGGC--AAGAGCCGGGCGUCAUAUAGCUAAAACGCGGAUAGCC--CCG-CG- 100
MBFV-NC_009026.2 GAAGACCCGGA--GGAAACCGGGUCUGUCAUAUAGCUAAAGCGUACGGCGGC--CAA-CG- 100
MBFV-NC_034151.1 GAGGACCCGGA--AAGAACCGGGUCUGUCAUAUAGCUGAAGCGCAUACUCCG--CGC-UA- 100
MBFV-NC_002031.1 AAGCUCAGGGA--AAAACCCUGGGCGUCAUAUAGGUACGACGAGGAGUUCGCUCCUUGU- 100
dISFV-NC_016997.1 AGCUAGGAGGCCCGUUAACACGGGCCGUGCAUAUAUAUAAACGUAAGCUGC----- 100
dISFV-NC_027999.1 GGAUCUCGGGUU--AAAACCCGAGGUGUCAUAUAGGUUAGGCGUACUGGAA----- 100
MBFV-NC_008719.1 CAAGUCUCGGGUCGACACCCGGGGCGUCAUAUAGGUGACGCGCAAGGCCA----- 100
MBFV-NC_012735.1 UAAGUCUCGGGUCGUAUCCCGAGGCGUCAUAUAGGUGAGCGGCUAGAGUGA----- 100
0.....70.....80.....90.....100.....110.....1



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MBFV-NC_001437.1 ----NNNNNNNCAUAUUGACACCCUGGGAAUAGACUGGAGAUUCUUG-----CUCUAUC 151
MBFV-NC_012532.1 ----NNNNNNNNCCCGGAAACAGCAAAACAGCAUAUUGAC-G--UGGGA--AAGACCA-G 150
MBFV-NC_035889.1 ----NNNNNNNN-CCCGGAAACAGCAAAACAGCAUAUUGAC-G-CUGGGA--AAGACCA-G 150
MBFV-NC_002640.1 UCAANNNNNNNNCCCCCAACA--CAAAAACAGCAUAUUGACG-CUGGGA--AAGACCA-G 150
MBFV-NC_001477.1 U---NNNNNNNNCCCGCAACA--AACAAACAGCAUAUUGACG-CUGGGA--GAGACCA-G 150
MBFV-NC_001475.2 U---NNNNNNNNCCCCCGCAAA--UAAAAACAGCAUAUUGACG-CUGGGA--GAGACCA-G 150
MBFV-NC_001474.2 U---NNNNNNNNCCCGGAAAC--AAAAAACAGCAUAUUGACG-CUGGGA--AAGACCA-G 150
MBFV-NC_012533.1 GGCCNNNNNNNAUAAACCAACA--UAAAAACAGCAUAUUGACACCCUGGGA--AAGACCG-G 150
dISFV-NC_040610.1 ----NNNNNNNNCAUAUUAUUU-AUAUAACAGCAUAUUGACA-CCAGGG-AUAGACCG--G 151
dISFV-NC_024017.1 ----NNNNNNNNCU-GCUGAGA-GCAAAAUAGCAUAUUGACA-CUUGGGAAGAGACCA--G 151
dISFV-NC_017086.1 ----NNNNNNNNCCCCAAAAAUG-A-AGGGCAUAUAUUGACACAUUGGG--AAAGACCA--G 150
MBFV-NC_009029.2 ----NNNNNNNN-AGCGCAAA-ACAAAACAGCAUAUUGACA-CCUGGGA--AAGACUA-G 150
MBFV-NC_032088.1 ----NNNNNNNN-UACCGCAAA-ACAAAACAGCAUAUUGACA-CCUGGGA--UAGACUA-G 150
MBFV-NC_012534.1 ----NNNNNNNN-AACACCAA-ACAAAACAGCAUAUUGACA-CCUGGGA--GAGACUA-G 150
MBFV-NC_015843.2 ----NNNNNNNNGAACACCAA-A-GAAACAGCAUAUUGACA-CCUGGGA--UAGACUA-G 150
MBFV-NC_007580.2 ----NNNNNNNNCCGUUAACGCG-AAACAACAGCAUAUUGACA-CCU-GGA--AAGACAG-G 150
MBFV-NC_009028.2 ----NNNNNNNNCAAGCGCGAA--ACAAACAGCAUAUUGACG-CCUGGGA--AAGACCG-G 150
MBFV-NC_040776.1 ----NNNNNNNN-AAGCGCAA-GACAAACAGCAUAUUGACA-CCUGGGA--AAGACCG-G 150
MBFV-NC_000943.1 ----NNNNNNNNAAGCAUCA--AACAAACAGCAUAUUGACA-CCUGGGAA-AAGACUA-G 151
MBFV-NC_006551.1 ----NNNNNNNNUAAGCAUCA--AAAAACAGCAUAUUGACA-CCUGGGAAUAGACUA-G 152
MBFV-NC_001563.2 ----NNNNNNNNAAACACCAA--AGAAACAGCAUAUUGACA-CCUGGGA--UAGACUA-G 150
MBFV-NC_009942.1 ----NNNNNNNNAAACACCAA--CAAAACAGCAUAUUGACA-CCUGGGA--UAGACUA-G 150
MBFV-NC_009026.2 ----NNNNNNNN-ACGCACAA-AAGAAACAGCAUAUUGACA-CCUGGGA--UAGACCG-G 150
MBFV-NC_034151.1 ----NNNNNNNN-GAACGCAA-UAAAAACAGCAUAUUGACA-CCUGGGA--UAGACUGGG 151
MBFV-NC_002031.1 ----NNNNNNNNAGGGAACAAA-UAGUGGGACCAUAUUGACG-CCAGGGA--AAGACCG-G 152
dISFV-NC_016997.1 ----NNNNNNNNC--AAAAUGUAUAGGCUAUUAUAUUGACA-CCUAGGA--AAGACUG-G 150
dISFV-NC_027999.1 ----NNNNNNNNCAUUGGAAAUUAGCU--UCAUAUUGACA-CCAGGGA--AAAGACC-G 150
MBFV-NC_008719.1 ----NNNNNNNNCC-GAGCAC-UUAAGCGGACCAUAUUGACG-CCUGGGA--AAGACCG-G 150
MBFV-NC_012735.1 ----NNNNNNNNCC-GAGCACAUAGCGGACCAUAUUGACG-CCAGGGA--AAGACCG-G 151
20.....130.....140.....150.....160.....170.....1



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MBFV-NC_001437.1 UCAACAUCA-GCUACUA 167
MBFV-NC_012532.1 AGACUCCAUGAGUUUCC 167
MBFV-NC_035889.1 AGACUCCAUGAGUUUCC 167
MBFV-NC_002640.1 AGAUCCUGCUGUCUCUG 167
MBFV-NC_001477.1 AGAUCCUGCUGUCUCUA 167
MBFV-NC_001475.2 AGAUCCUGCUGUCUCCU 167
MBFV-NC_001474.2 AGAUCCUGCUGUCUCCU 167
MBFV-NC_012533.1 AGACUCUGUUGGCUUUC 167
dISFV-NC_040610.1 AGAAAUACACAAUUUC- 167
dISFV-NC_024017.1 AGUAUUG-AUGUUGUU 167
dISFV-NC_017086.1 AGGUACUCGCGUAUUA 167
MBFV-NC_009029.2 GGAUUUGCUGCUCUGG 167
MBFV-NC_032088.1 GAGAUCGCGUCUCUGG 167
MBFV-NC_012534.1 GAGACCCUCUGUCCUA 167
MBFV-NC_015843.2 GAGACCCUCUGUCCUAA 167
MBFV-NC_007580.2 AGAUCCCCUGCUUUUUC 167
MBFV-NC_009028.2 GAGAUCUCUGCUUUCC 167
MBFV-NC_040776.1 GAGACCCUCUGCUCGC 167
MBFV-NC_000943.1 GAGAUCUUC-UGCUCUA 167
MBFV-NC_006551.1 GAGAUCUUC-UGCUCU- 167
MBFV-NC_001563.2 GGAUACUUCUGCUCGC 167
MBFV-NC_009942.1 GAGAUCUUCUGCUCGC 167
MBFV-NC_009026.2 AGAAUUUGCUGCCUAG 167
MBFV-NC_034151.1 AGACCCUCUG-CUUAU 167
MBFV-NC_002031.1 GUG-GUUCUC-UGCUCU 167
dISFV-NC_016997.1 AGAUACCUUUGGUUCU 167
dISFV-NC_027999.1 GAGAAACUUCUUGCUUA 167
MBFV-NC_008719.1 AGACACUCCUUGAUUC 167
MBFV-NC_012735.1 AGACA-CUCCUUGAUUC 167
80.....190.....

