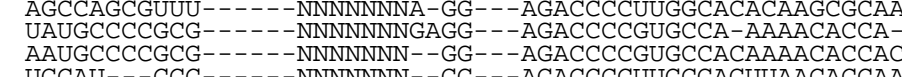


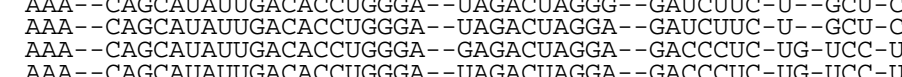
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TBFV-NC_027709.1 GUGUUUGAGAAAAAGACAGCUUAGGAGAACAAAGAGCUGGGG-----AUGGC 45
TBFV-NC_001672.1 GUGUUUGAGAAAAAGACAGCUUAGGAGAACAAAGAGCUGGGG-----AUGGC 45
TBFV-NC_001809.1 GUGUUUGAGAAAAAGACAGCUUAGGAGAACAAAGAGCUGGGG-----AUGGC 45
TBFV-NC_003687.1 -----AGAAAAAGACAGCUUAGGAGAACAAAGAGCUGGGAUGUUUAG- 43
NKV-NC_004119.1 -----ACCUUGGUUUUCCGGCUGGGA-----AACCCAGUCGCUUCUUGU- 45
NKV-NC_003635.1 -----AAUUUUGUCUGUGCGCG-----UCACGCCACUUUUUGUGCGGGAUG- 43
ISFV-NC_017086.1 -----AUAACCGUUUGAAUAGGUUUUUUUGUAGAACUGGAAUAC-----CGAUG- 43
ISFV-NC_016997.1 AAAC-----UAACAGCUUUAAGAAUAGGUUU-----GAAAGAGUUGAAU-----CAAUGAG 45
MBFV-NC_009028.2 U-----U-----UAACACAGUCUGAAUAGUUUUUUUAGCA-----AGGGA-UUUU-----CCAUG- 43
MBFV-NC_040776.1 U-----U-----UAACACAGUCUGAAUAGUUUUUUUAGCA-----GAGGU-ACUA-----CCAUG- 43
MBFV-NC_001563.2 A-----U-----UAACACAGUGCGAGCUGUUUUUUUUGGCAC-GAAGA-UCU-----CGAUG- 43
MBFV-NC_009942.1 A-----U-----UAACACAGUGCGGAGCUGUUUUUUUAGCAG-GAAGA-UCU-----CGAUG- 43
MBFV-NC_012534.1 CCGU-----AAACACAGUUUGAAC-GUUUUUUUGGAG-GA-----GAUUA-----UUAUG- 43
MBFV-NC_015843.2 ACGU-----AAACACAGUUUGAAC-GUUUUUUUGGAAU-GA-----GACAA-----CUAUG- 43
MBFV-NC_034151.1 U-----AAACACAGUCUGAAUAGUUUUUUUAGCA-----GAGGUGAAAA-----CCAUG- 43
MBFV-NC_000943.1 -----UAACCGGCUUUUAGACAGUUUUUUUUGGAGCUUUUUGAUUUU-C-----AAAUG- 43
MBFV-NC_006551.1 -----U-----UAACACAGUGCGCGCAGUUUUUUUUGAGC-GUUGAUUU-U-----CA AUG- 43
MBFV-NC_001437.1 -----U-----UAGUGCAGUUUUAAACAGUUUUUUUAGACCGGAAGAUAA-C-----C-AUG- 43
MBFV-NC_007580.2 -----U-----AACUCAGUCGCGAACAGUUUUUUU-AGCAGGGAUUUAC-----CAAUG- 43
MBFV-NC_009029.2 UGAUUAACAUAACACAGUGUGAACAAAGUUUUUUUGAACAG-----CAAUG- 43
MBFV-NC_032088.1 UC-----UAUAACACAGUGUGAACAAAGUUUUUUUGAACUGGA-----UAAUG- 43
MBFV-NC_009026.2 -----U-----AGAAAGUUUUUCGAGGAAAGACGAGAGAACGGAUUUCU- -GAAUG- 43
MBFV-NC_012533.1 AAC-----AGUUUU-----CGUUUGAGAGAAAGAAACAGAUUUCUCGG-----AA AUG- 43
MBFV-NC_035889.1 AAC-----AGUUUU-----AAUUUGGAUUUUGGAAACAGAGAUUUCUGG-----UCAUG- 43
MBFV-NC_002640.1 ACA-----GGUUUU-----AUUUUGGAUUUUGGAAACAGAGAUUUCUGG-----UCAUG- 43
MBFV-NC_001477.1 -----UCUAACAGUUUUUGUUUAGUAGAGAGCAG-AUUCUCGG-----AAA AUG- 43
MBFV-NC_001475.2 ACG-----UAGUUCUUAACAGUUUU-UUU-UUUUAGAGAGCAG-AUUCUCGG-----AUG- 43
MBFV-NC_001474.2 ACG-----UAGUGUCUGACUUUU-UUU-UUUUAGAGAGCAG-AUUCUCGG-----AUG- 43
ISFV-NC_040610.1 -----CG-----UAGUUCUUAACAGUUUU-UUUUAAUUGAGAGCAG-AUUCUCGG-----AUG- 43
ISFV-NC_024017.1 -----GA-----ACAAUUUUUAGAAAGUAGCAAAACAGGAUUUUUUUU-U-----CAAUGGU 45
UCGC-----GCAUUUUUAGUAGAGUU-----GACUAGAUUAACGAAUUUU-----CGAUGGU 45
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MBFV-NC_008719.1 -----AUUUUACUACUGAAAGG-----GUAGAGAAAAGGAGUUUUGCU-----UCUUAUGGC 45
MBFV-NC_012735.1 -----UUUUUACUGAAAGG-----AGUAGAGAAAAGGAGAUUUAU-----CCCAAUGGC 45
ISFV-NC_027999.1 -----GGAUUAUUUUUGUUUAGUAGAGAACACCGCGGUAUUAUGCUAAU-----AUGGU 45
NKV-NC_018705.3 CCGU-----AAACACAGAUUUUGAACUGUUUUUUUGGAGAGACUA-----CUAUG- 43
NKV-NC_005039.1 -----A-----AAUUAUUUCCGGAAGAACAACUGUCCGGAUAUCAAGA-----CGAUG- 43
NKV-NC_008718.1 UGA-----AAUUAUUUCUG-----AAAACAGAAAUAUCAGAAUCGAGAC-----CGAUG- 43
ISFV-NC_001564.2 AAUUUUUUCCGAGAGACCGUGA-----GUUUUGAACCCGGAACAAG-----AUG- 43
ISFV-NC_005064.1 AAUAACAAAGAGUUUUUGCGGAA-----AAGUGACCUUUGGUUCUGU-----AUG- 43
ISFV-NC_012932.1 AAAAUUCUAGAGUUGUUUUGGAA-----AAGAGAUUAUCUGGUUCUGU-----AUG- 43
ISFV-NC_027819.1 UAGACGUUUUGUCGG-----AAUAGCUUGAGGAAGAGCUUACUU-----AUG- 43
ISFV-NC_008604.2 AAGGCUUGAGUGUUUU-----AUAAUAGUCGUUUUUUCUCGCGAA-----AUG- 43
ISFV-NC_021069.1 AA-----UUUUGCUUACUU-----AUUACCUUGGUUUAUAAAGUGGCAC-----AUG- 43
ISFV-NC_012671.1 UA-----AUUUGCUUACUU-----AUUACCUUGGUUUAUAAAGUGGCAC-----AUG- 43
ISFV-NC_024299.2 -----CUUUGUGUUUUUGAAAAACUUUUGCGACGUGUUGUAGAG-----AUG- 43
ISFV-NC_034204.1 -----AUUUUUUUUAGCGACAGAGAGAACCCAAAGAGGAACAG-----AUG- 43
ISFV-NC_034017.1 -----CUAGUGUUUUUAAAAUUUUUUUUGGCGACGUUACGGAAGAU-----AUG- 43
ISFV-NC_027817.1 -----UUGAAAGUUUAAACUCUGGUGUCCAGCUUUUGAUUAA-----AUG- 43
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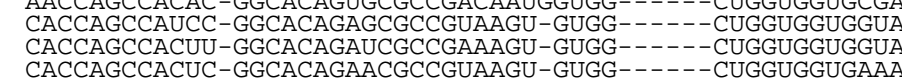
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TBFV-NC_005062.1 CCGGGAAGGCCCAUUCGAAAGGAAAGGGGGGGGUGCCCCUCGACGAGUGUCGAAA---GA 102
TBFV-NC_027709.1 CAGGAAGUCCAUUCUGAAGAGGAAAGGGGGGGCGUCCCCUCGACGAGUGUCGAAA---GA 102
TBFV-NC_001672.1 CAGAAGAGGCCAUUCUGAAGAGGAAAGGGGGGGCGUCCCCUCGACGAGUGUCGAAA---GA 102
TBFV-NC_001809.1 CAGGAAGACCAUUCUGAAGAGGAAAGGGGGGGCGUCCCCUCGACGAGUGUCGAAA---GA 102
TBFV-NC_003687.1 -----AUGACCAUUCUAAAGGAAAGGGGGGGCGUCCCCUAGGCGCAAGCUUAAA---GU 96
NKV-NC_004119.1 GAAAGGCAAAAGUAGAAAGCGCAAUAAAGAAAGAACCCUGGAAAGGUGUCAAUAGGAGAA---AA 96
NKV-NC_003635.1 -----UGCGAAUAAACCAAGAAAGCCCGGAAGCGGGGCUAUCGAUUAAGUAGGACGUG 96
ISFV-NC_017086.1 AUCAAUUGGUCUUCGAGGUAGGAGGCCGCGUUAACCGGGCGGUGCAUUAUAAUAAACGUA 105
ISFV-NC_016997.1 -UCUA-----AAAAACCAGGAAAGUCCGCGUCAAAGCGGAGCUCAUUAUGCUUAAACGCCU 99
MBFV-NC_009028.2 -UCUA-----AAAAACCAGGAGGACCCCGCGGAAGCGGGUGUGCAUUAUGCUUAAACGCC 99
MBFV-NC_040776.1 -UCUA-----AGAAACCAGGAGGAGCCCGGUAATAAACCGGCGUUAUUAUGCUUAAACGCC 99
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MBFV-NC_032088.1 -ACUA-----AAAAACCAGGAAAGCCCGGCAUUAUCGCGGAGUGCAUUAUGCUUAAACGCC 99
MBFV-NC_009026.2 -GCUA-----GAAACCAGGAAAGACCCGGAGGAAACCCGGGUGUCAUUAUGCUUAAAGCGU 99
MBFV-NC_012533.1 -AAAA-----CCCAAAGAAAG-----GCCGCGGCUUUAUUAUGCUUAAAGCGCUU 93
MBFV-NC_012532.1 -AAAAACCCAAAGAGAAU-----CCGGAGGA-UCCGGAUUGUCAUUAUGCUUAAACGCCG 99
MBFV-NC_035889.1 -AAAAA-----CCCAAAGAGAAU-----CCGGAGGAUUCGGAUUGUCAUUAUGCUUAAACGCCG 99
MBFV-NC_002640.1 -----AA-----CAACGAAAAAAG-----GUG-----GUUAGACCCUUUUAUUAUGCUUAAACGCCG 93
MBFV-NC_001477.1 -AAAA-----CAACCGGAAAAAG-----ACG-----GUGCGACCGUUUUAUUAUGCUUAAACGCCG 96
MBFV-NC_001475.2 -AAAA-----CAACCGGAAAGAG-----ACG-----GGAACACCGCUUUAUUAUGCUUAAACGCCG 96
MBFV-NC_001474.2 -AAUAA-----CAACCGGAAAAAG-----GCG-----AAACACCGCUUUAUUAUGCUUAAACGCCG 96
ISFV-NC_040610.1 UAGA-----CAACUCUGAAAGACCGUUGGCAAGACCGUGUCUGUUAUUAUGCUUAAAGCGGA 99
ISFV-NC_024017.1 GACU-----AAAUCAAGAAAGCCCGCGCAAGAGCGGGCGUUAUUAUGCUUAAACCGCAU 99
MBFV-NC_002031.1 -----UUGGUCGUAAGACUCUAGGAAACACCCGCGUAGGCGGCUAUAUUGUACAGCAGG 96
MBFV-NC_008719.1 AAACAAGAGGAGCAAGCAGUCUGCGGUCACGACCCCGGGGCUCAUUAUGGUGAGCGGCCAA 105
MBFV-NC_012735.1 AACAAAGGGGAUGAAUUAAGUCUCGCGGUCGUAUCCGAGGUGUCAUUAUGGUGAGCGGCU 105
ISFV-NC_027999.1 UGAGAAGAAACUAGAGUAGAUUCUCGCGUUAATAAACCCGAGGUGUCAUUAUGUUAAGCGU 105
MBFV-NC_018705.3 -UCAAAACAAAAAACCCAGGAAGACCCCGGGGCAACCCCGGUGUUGCAUUAUUAAGCGCGG 102
NKV-NC_005039.1 -----AAAAAUCGUAAGACAAACACCCGGAUUUUG-----GGUGUCAUUAUUAAGCA 93
NKV-NC_008718.1 -----AAUAAUCGCAAGUAUACACCCCGAAAAAG-----GGUGUCAUUAUUAUUGCA 93
ISFV-NC_001564.2 -----AAAGAGGAAG-----AUUUGAGGGCGCGAGGAAAGCGCCAGGAGGAGUUUUU 93
ISFV-NC_005064.1 -----AAUAGAGGAA-----GCUUGAAGAAAGGGGCGUCCGGGCGCAACUUAACCGCUC 93
ISFV-NC_012932.1 -----AAUAGGAUGC-----UCUUGAAGAAAGGGCGUUCGGGCGCAACAUUCUGUGCGCC 93
ISFV-NC_027819.1 -----UCAAGAAAGAGACUGAAGAAAGAGAGGAAUUUCCUGGGGAGAGGAG-GAA 95
ISFV-NC_008604.2 -----GGAAGAGGACGAGCAGUAGAGAGAGAGAGGGGGCGGGGCUUCUGCGGAUGGU-U 95
ISFV-NC_021069.1 -----AAGAAGAAAGGA-----GUCGGGAGUGAGGAGAGAGGAGCGGUAACCGCGCC 93
ISFV-NC_012671.1 -----AAGAAGAAAGGA-----GUCUGGAGUGGUGAGAGAGAGCGUGGAAACCGCUC- 93
ISFV-NC_024299.2 -----GAGCGAAAGAAAGGAAUUAUUAUGGAGAGAGGGAAGC-----UAUCCGCGC- 93
ISFV-NC_034204.1 -----GAGCAAAA-----CGGAAGUUUUCCGACCGGAGGUGGUGCGGCGCGGCCCAA 94
ISFV-NC_034017.1 -----GAGCAUUC-----GGAAAGUUUUCCCGCGCGGAGGCGGUGCGGCGGCCCAA 94
ISFV-NC_027817.1 -----AGUGGAUUGAGGAGCCUUCUUCUCCCGCGGAGGAGAAAGAAAGCCCGUG 96
0.....70.....80.....90.....100.....110.....1



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TBFV-NC_005062.1 GA-----CCGCUA-----NNNNNNNNCUCUCUUCAGGAAAUUUCUCCUCCUUA----- 144
TBFV-NC_027709.1 GA-----CCGCAA-----NNNNNNNNCUCUCUUCAGGAUUUUUCCUCCUCCUUA----- 144
TBFV-NC_001672.1 GA-----CCGCAG-----NNNNNNNNCUCUCUUCAGGAUUUUUCCUCCUCCUUA----- 144
TBFV-NC_001809.1 GA-----CCGCAG-----NNNNNNNN-UCUCUUCAGGAUUUUUCCUCCUCCUUA----- 143
TBFV-NC_003687.1 GA-----CCGCAAAUAGUNNNNNNNNN-UCUCUUCAGGAUUUUUCCUCCUCCUUA----- 143
NKV-NC_004119.1 CAUUCUCCUGGCGAA-----NNNNNNNNUUGGCUAAGGUUACACGAGUUUUGUC- 144
NKV-NC_003635.1 GAAUGCUGUGAAGGAAGUNNNNNNNNNUUGGCGAAGACCCGUCUGGCGUUGUGCC- 144
ISFV-NC_017086.1 GUUGCCUCUGCGUCU-----NNNNNNNN-----AGAGGAGACCCCCCAAAAUG- 139
ISFV-NC_016997.1 CGUCG-----NNNNNNNN-----AGGAAACCCCCCAAAAUGUA- 139
MBFV-NC_009028.2 GGCUAGCGUGU-----NNNNNNNNGUG-----AGACCCCUUCCGAC-CAAGCGGAAA--AC 147
MBFV-NC_040776.1 AGCUAGCGUU-----NNNNNNNA-GG-----AGACCCUUGCGACACAGCGGCAAA--GAC 148
MBFV-NC_001563.2 UAUGCCCGCG-----NNNNNNNNGAG-----AGACCCUGGCGCA-AAAAACCA--A-AG 147
MBFV-NC_009942.1 AAUGCCCGCG-----NNNNNNNN-GG-----AGACCCGUGCCCA-AAAAACCA--ACA 147
MBFV-NC_012534.1 UGCAU-----CCC-----NNNNNNNN-GG-----AGACCCUUGCGAGUUAACACCAAA--ACA 147
MBFV-NC_015843.2 AUCGU-----CCC-----NNNNNNNA-GG-----AGACCCUUGCGAGUGAACACCA--A- 147
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MBFV-NC_006551.1 CAUACCCCGCG-----NNNNNNNN-----ACCCGCA-UCUAUAGCAUCA-----AAA 140
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MBFV-NC_032088.1 AGCAUCCCGCG-----NNNNNNNAGAGGUUAGAGGAGACCCCAUAUACCGCAAA--ACA 152
MBFV-NC_009026.2 GCGCGGCAACG-----NNNNNNNN-----CCCUUGGCAACAAGAUUACGCAACCAAAAG 148
MBFV-NC_012533.1 UGGAUUCUAGCGUGGCGNNNNNNNN-----GAGACCCCCCGCCCAUAACCAACAUA 145
MBFV-NC_012532.1 AGUAGCCCGUG-----NNNNNNNN-----GUUAGAGGAGACCCCCCGGAAACGCA 145
MBFV-NC_035889.1 AGUAGCCCGUG-----NNNNNNNN-----GUUAGAGGAGACCCCCCGGAAACGCA 144
MBFV-NC_002640.1 GAGAAACCGCGUAUCAANNNNNNNNACUAG-----AGGUUAGAGGAGACCCCCCAACA--CAA 149
MBFV-NC_001477.1 GAGAAACCGCGUGU-----NNNNNNNN-UAG-----AGGUUAGAGGAGACCCCCCGCAACAAC 149
MBFV-NC_001475.2 GAGAAACCGCGUGU-----NNNNNNNACUAG-----AGGUUAGAGGAGACCCCCCG--CAAAUA 149
MBFV-NC_001474.2 GAGAAACCGCGUGU-----NNNNNNNN-CUAG-----AGGUUAGAGGAGACCCCCCG--CGAAAC 149
ISFV-NC_040610.1 UACCAACCGCU-----NNNNNNNN-----ACCCCUUAUUUAUU-----133
ISFV-NC_024017.1 CACCAAGCGU-----NNNNNNNN-----CCCCCUUGUGAG-----132
MBFV-NC_002031.1 AGUUCGCUCCUGU-----NNNNNNNN-----G-----AGACCCUCCAGGGAACAAU- 138
MBFV-NC_008719.1 GG-----CCA-----NNNNNNNN-----GAGGAGACCCUCCGAGCAC-UAU 140
MBFV-NC_012735.1 AG-----UGA-----NNNNNNNN-----C-CCAUUCCUCCGAGGACACAU- 140
ISFV-NC_027999.1 UG-----GAA-----NNNNNNNN-----UGGCGAACCCCAUUGGAAUUUA- 140
MBFV-NC_018705.3 CGCAUCCC-----NNNNNNNC-----CCCGGAAAUACAAA- 133
NKV-NC_005039.1 AAAUACCAAAAAACAAANNNNNNNNCU-----CCUACGCAUGGAUUUUGCAU-----140
NKV-NC_008718.1 AAUAUCAAUAUAAAGANNNNNNNNUAAAGUCAGGCCGAGCGUUAUAAA-----143
ISFV-NC_001564.2 CACCCCGUUCUGGGGAANNNNNNNNC-----UUUCAAACUGGACGGGG- 136
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ISFV-NC_012932.1 AUUCGACGAGACCGCGNNNNNNNN-----A-----AAAACUGGGCGGAG 132
ISFV-NC_027819.1 AACGGGGCUUUUGAG-----ANNNNNNNA-----AAGGCAUCCGACGAGG 136
ISFV-NC_008604.2 UACCA-----CCGGGGCGGNNNNNNNN-----CACGCAUCCGAGGAGGCG 136
ISFV-NC_021069.1 GACCAACCGUGGAGGAGANNNNNNNN-----CACGCAUCCGAGGAGGCG 136
ISFV-NC_012671.1 UGCAUACUGUGGAGGAGANNNNNNNN-----CACGCAUCCGAGGAGGCG 135
ISFV-NC_024299.2 UCCCAUUAAGAGGAAANNNNNNNNN-----ACCGCAUCCGAGGAGGCG 134
ISFV-NC_034204.1 GA-GGGGCGGGGAGANNNNNNNN-----CUC-----CAGAGCAA 129
ISFV-NC_034017.1 GA-GGGGCGGGCAGANNNNNNNN-----CCUC-----CAGAGCAA 131
ISFV-NC_027817.1 GA-----UACAUAACAGGNNNNNNNN-----UGUG-----CAGGCAAC 131
20.....130.....140.....150.....160.....170.....1



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TBFV-NC_005062.1 -----UACCAAA-UUCCCCCUCAGCAGAGGGGGGCG-----GUUCUUGUUCUCCUGA---G 193
TBFV-NC_027709.1 -----UACCAAA-UUCCCCCUCAGCAGAGGGGGGCG-----GUUCUUGUUCUCCUGA---G 193
TBFV-NC_001672.1 -----UACCAAA-UUCCCCCUCGUAAGAGGGGGGCG-----GUUCUUGUUCUCCUGA---G 193
TBFV-NC_001809.1 -----UACCAAA-UUCCCCCUCAGCAGAGGGGGGCG-----GUUCUUGUUCUCCUGA---G 193
TBFV-NC_003687.1 -----UCGUAAAAUUCCCCAGGAACUUGGGGGGCG-----GUUCUUGUUCUCCUGA---G 193
NKV-NC_004119.1 -----CCGCUUUUUUCAAAGUGCCUUAUUGGAUGG-----GGGCGGCGUGUAUUAUAG- 197
NKV-NC_003635.1 -----UCCUGUUUUUU-CCAAAUUCCGUU-ACCG-----GGGUGGGGUGAUUAGCCGUA 194
ISFV-NC_017086.1 AAGGGGCAUUAUACGACACCUUGGGA-----AAGACCAGAG-GUACUGCGUGAUUAGCCGCA 195
ISFV-NC_016997.1 UAGGCUAUUAUUAUACGACACCUAGGA-----AAGACUGGAG-AUAC-CUUUGGUUUCUUGACA 194
MBFV-NC_009028.2 AAA-----CAGCAUUAUGACGCCUGGGA-----AAGACCUGGA-GAUCCUC-U-GCU-UUCCAU 197
MBFV-NC_040776.1 AAA-----CAGCAUUAUGACACCUUGGGA-----AAGACCUGGA-GACCCUC-U-GCU-CUGCAA 198
MBFV-NC_001563.2 AAA-----CAGCAUUAUGACACCUUGGGA-----UAGACUAGGG-GAUCCUC-U-GCU-CUGCAC 197
MBFV-NC_009942.1 AAA-----CAGCAUUAUGACACCUUGGGA-----UAGACUAGGA-GAUCCUC-U-GCU-CUGCAC 197
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MBFV-NC_034151.1 AAA-----CAGCAUUAUGACACCUUGGGA-----UAGACUUGGA-GACCCUC-UGCUUA-UUUCAA 196
MBFV-NC_000943.1 CAA-----CAGCAUUAUGACACCUUGGGA-----UAGACUAGGA-GAUCCUC-UGCUUAUUCCAA 195
MBFV-NC_006551.1 AAA-----CAGCAUUAUGACACCUUGGGA-----UAGACUAGGA-GAUCCUC-UGCUUAUUCCAA 195
MBFV-NC_001437.1 -AA-----CAGCAUUAUGACACCUUGGGA-UUAGACUGGGA-GAUCCUC-UGCUUAUUCCAA 195
MBFV-NC_007580.2 CAA-----CAGCAUUAUGACACCUUGGGA-----UAGACUAGGA-GAUCCUC-UGCUUAUUCCAA 195
MBFV-NC_009029.2 AAA-----CAGCAUUAUGACACCUUGGGA-----AAGACUAGGG-GAUUCC-UGCUC-----UGGAC 201
MBFV-NC_032088.1 AAA-----CAGCAUUAUGACACCUUGGGA-----UAGACUAGGA-GAUCCUC-UGCUC-----UGGAA 202
MBFV-NC_009026.2 AAA-----CAGCAUUAUGACACCUUGGGA-----UAGACC-GGA-GAAUUGCUGCCUC-----GCAA 198
MBFV-NC_012533.1 AAA-----CAGCAUUAUGACACCUUGGGA-----AAGACUAGGG-GAUUCC-UGCUC-----UGGAC 197
MBFV-NC_012532.1 AAA-----CAGCAUUAUGACG-UGGGA-----AAGACCA-GA-GAUCCUAGUGUUU-CCACCA 195
MBFV-NC_035889.1 AAA-----CAGCAUUAUGACG-CUGGGA-----AAGACCA-GA-GAUCCUAGUGUUU-CCACCA 195
MBFV-NC_002640.1 AAA-----CAGCAUUAUGACG-CUGGGA-----AAGACCA-GA-GAUCCUGU-GUCU-CUGCAA 199
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MBFV-NC_001475.2 AAA-----CAGCAUUAUGACG-CUGGGA-----GAGACCA-GA-GAUCCUGCU-GUCU-CUACAG 199
MBFV-NC_001474.2 AAA-----CAGCAUUAUGACG-CUGGGA-----AAGACCA-GA-GAUCCUGCU-GUCU-CUACAG 199
ISFV-NC_040610.1 UAUUAACGCAUUAUUGACACACGGG-AUAGACCGGAGA-----AAUAACAUAUUUUGGGGCA 190
ISFV-NC_024017.1 AAAAUAAGCAUUAUUGACAUUGGGAUAGAGAGACGAGAGA-----UAUGAUGUUUUUGUACAU 190
MBFV-NC_002031.1 AGUGGGACCAUUAUUGACGCCAGGG-AAAGACCGGAGA-----GGUUCUCU-GCUUUUCCU- 191
MBFV-NC_008719.1 AGC-GGACCAUUAUUGACCGCGGG-AAAGACCGGAGA-----CACUCUUGAUUUUCACUUU 196
MBFV-NC_012735.1 AGC-GGCAUUAUUGACGCCAGGG-AAAGACCGGAGA-----CACUCUUGAUUUUCACUUU 196
ISFV-NC_027999.1 ----GCUUAUUAUUGACACACGAGGAAAGACCGGAGA-----AAUUCUUC-GCUUACCGCA 192
MBFV-NC_018705.3 GCAAGGCCCCAACCGGCA-----AAGCUGUAAGAACCGGG-----GAAGGACUAGAGGUUAGGAG 188
NKV-NC_005039.1 -----AUGUUGACAUACAGGAAAGACCGGGUGUUUGCUGUCCGAGAGCUCGCGAGG 194
NKV-NC_008718.1 -----CCGAGCCUCCCGCGGGAACAGCUGCAC-----GGGACUAGAGGUUAGGAGGA 194
ISFV-NC_001564.2 CAACAGGGAGAAUUCGCGGG-UA-GCGAACUCUCCCGUUAUUGAGUAAAAGUAUG-G 192
ISFV-NC_005064.1 CAACAGGGA-AUUUCCCGGGGA-----C-GCGUACCCUCCCG-UAUUGUGAAGAAAGUAUG-G 188
ISFV-NC_012932.1 CAACAGGGGAAAUUCCGGGGAUU-GCGAACCCUCCCG-AAAUGUGAAGAAUUAUG-G 189
ISFV-NC_027819.1 CAACAGGAGAAAUUCCGGGUAU-AGGCACACCCCGG-AAAUGUAUUUAUUAUG-A 193
ISFV-NC_008604.2 CACAGGAUAGA-----AUUACGGUGAGU-GAGCGCACCCUCCG-AAAUGUGUAUUAUGACA-G 191
ISFV-NC_021069.1 CACAGGAUGCAAAUUCGCGGUGAGU-GACGCAACCCCGG-AAAUGUGUAUUAUGAGCA-G 193
ISFV-NC_012671.1 CACAGGAUGCAAAUUCGCGGUGAGU-GAGCGCAACCCCGG-AAAUGUGUAUUAUGAGCA-G 192
ISFV-NC_024299.2 CACAGGAUGCAAAUUCGCGGUGAGU-GAGCGCAACCCCGG-AAAUGUGUAUUAUGAGCC-A 191
ISFV-NC_034204.1 CAAGGGAAUUAUUCUUUAAAGGUGAUUUGACGACACCCUCUGAAUUGUUUAAUAAACUGUG 189
ISFV-NC_034017.1 CAGGGGAGAAAUCCU-AGGUUGAUUGGCGACCCACCCUCUGAAUUGUUAUUAAGUUGUG 190
ISFV-NC_027817.1 AAAGUUCUAACGAACUAGGGUGAGUAG-CGUACCCCGCGUUGUGAAACGAUUGCGAC 190
80.....190.....200.....210.....220.....230.....2



TBFV-NC_003690.1 CCACCAUACCCUAGACACAGAUAGUCUGAAAGGAGGU-----GAUGCGUGUCUGCGGAAA 248
TBFV-NC_005062.1 CCACCAUACCCGACACAGGACGACUACAGGAGGU-----GAUGGUGUCUGCGGAAA 248
TBFV-NC_027709.1 CCACCAUACCCGACACAGGAGUAGUCUGACAGGAGGU-----GAUGGUGACUCUGGAAA 248
TBFV-NC_001672.1 CCACCAUACCCGACACAGGAGUAGUCUGACAGGAGGU-----GAUGGUGACUCUGGAAA 248
TBFV-NC_001809.1 CCACCAUACCCGACGACAGUAGCUGACAGGAGGU-----GAUGGUGACUCUGGAAA 248
TBFV-NC_003687.1 CCACCAUACCCGACGACAGUAGCUGACAGGAGGU-----GGUGUGUGACUCUGGAAA 248
NKV-NC_004119.1 CCAGC-CAGAAAGACACUAGAUUUGUUCUACUAGCUUUUC-----G-UGUGG-CUGACAUUA 248
NKV-NC_003635.1 UGCGCACAAUUAAGCUCAGAUUGUCUUAUGUAUAUCU-----G-UGUGGUGACAUUAU 248
ISFV-NC_017086.1 CUAAG-ACUACAC-GGCACAGAGCGCGGGAAGAGUAGU-----GUUGAGUUGUUAUAAAC 248
ISFV-NC_016997.1 CUUACUCUUAUUAU-GGCACAGAGCGCCGAUAGAAAGACGA-----UUUAGUAUUGUAAAAAC 248
MBFV-NC_009028.2 CACCAAGCAUUA-GGCACAGAUCCGCGCAAGUAGUGG-----CUGGUGUGUAAA--AAC 248
MBFV-NC_040776.1 CACAGCGCAUUA-GGCACAGAUCCGCGAAAUUGUGG-----CUGGUGUGUAAA--AAC 249
MBFV-NC_001563.2 AACACGCGCACAC-GGCACAGUGCGCGCAUAGUGUG-----CUGGUGUGUAAA--GAA 248
MBFV-NC_009942.1 AACACGCGCACAC-GGCACAGUGCGCGCAUAGUGUG-----CUGGUGUGUAAA--GAA 248
MBFV-NC_012534.1 CACCAAGCCAUU-GGCACAGAGCGCGGUAAGU-GUGG-----CUGGUGUGUAAA--GAA 248
MBFV-NC_015843.2 CACCAAGCCAUU-GGCACAGAUCCGCGGAAAGU-GUGG-----CUGGUGUGUAAA--GAA 248
MBFV-NC_034151.1 CACCAAGCCAUU-GGCACAGAUCCGCGGAAAGU-GUGG-----CUGGUGUGUAAA--GAA 248
MBFV-NC_000943.1 CAUACAGUACAA-GGCACAGAGCGCGGAAACUGUAG-----CUGAUGGGGAGAGAAC 248
MBFV-NC_006551.1 CAUACAGUACAA-GGCACAGAGCGCGGAAAUUGUG-----CUGGUGUGGAGAGAGAA 248
MBFV-NC_001437.1 CAUACAGUACAA-GGCACAGAGCGCGGAAAUUGUG-----CUGGUGUGGAGAGAGAA 248
MBFV-NC_007580.2 CACCAAGCAUUA-GGCACAGAGCGCGGAAAUUGUG-----CUGGUGUGUAAA--AAA 248
MBFV-NC_009029.2 UUCGCGCU-CUA-GGCACAGAACCCGUGUAGGA-----GCCGAGGCGCCAAA 248
MBFV-NC_032088.1 CCCCAGU-CUA-GGCACAGAACCCGCG-UAUAGA-----ACUGGGGCGCCAAA 248
MBFV-NC_009026.2 CACCCUCCACCC-GGCACAGAACCCGCGACA-UUGUG-----GAGGGGCGUAAA--GAC 248
MBFV-NC_012533.1 CACCGACCCCCU-GGCACAGAGCGCC-AGAUUGGG-----GUUGGUGUGGAGCAACC 248
MBFV-NC_012532.1 CGCUGGCGCGCA-GGCACAGAUCCGCGAAUUCGCG-----GCCGUGUGGGGAAUUC 248
MBFV-NC_035889.1 CGCUGGCGCGCA-GGCACAGAUCCGCGAAUUCGCG-----GCCGUGUGGGGAAUUC 248
MBFV-NC_002640.1 CAUCA-----AUCCA-GGCACAGAGCGCGCAAGAU-G-----AUUGGUGUUGUUAUCC 248
MBFV-NC_001477.1 CAUCA-----AUCCA-GGCACAGAGCGCCAAAAGU-G-----AUUGGUGUUGUUAUCC 248
MBFV-NC_001475.2 CAUCA-----UUCGA-GGCACAGAACCGCAAAAAGU-G-----AAUGGUGUGUUAUCC 248
MBFV-NC_001474.2 CAUCA-----UUCGA-GGCACAGAACCGCAAAAAGU-G-----AAUGGUGUGUUAUCC 248
ISFV-NC_040610.1 AAACAUAUACAA-----GCACAGAGCGCUUGCAGAAUGUUGUUUUUUUUGGAGAGAAUUAUG 248
ISFV-NC_024017.1 UGACAACAGCAGCAGGACAGAGCGCGCUUAAGA-----GAGCUUGUUUUUAUUAUUAUAA 248
MBFV-NC_002031.1 CACAGAGGUCUGUGAGCAGAUUUGUCUGAAGAAUAGG-----GACUUUUUGAUGACAACAA 248
MBFV-NC_008719.1 C-----UCACCCUUAAGCAGAGAUUGCUUG-----AUUGCAGG-----GUGGGGAAGUUGGAAACCA 248
MBFV