

dISFV-NC_024017.1 UCGCGCAUUUUGAUAGAGUUGACUAGAUACGAAUUAUCG-----AUG-----GU 45
dISFV-NC_017086.1 AUAACACGCUUUGAAUAGGUUUUUGUGAAUUGCAAUACCG-----AUG-----GC 45
dISFV-NC_016997.1 AAACAUAACGCAUUAAGAAUAGGUUUCAAAGAGUUGAAUCA-----AUGAGAUCAAUGGU 54
dISFV-NC_040610.1 GAACAAUUUUAAAGAAGUCAAAACUAGAAAUUUAAUUUCA-----AUG-----GU 45
dISFV-NC_027999.1 GGAUUAAUUGUUGUUUGAGGAGAACACCGAGAAUACUACU-----AUG---GUUGAGAA 51
TBFV-NC_027709.1 GUGUUGAGAAAAAGACAGCUUAGGAGAACCAAGAGCUGGGG-----AUGGGCAGGAAGUC 54
TBFV-NC_001672.1 GUGUUGAGAAAAAGACAGCUUAGGAGAACCAAGAGCUGGGG-----AUGGUCAAGAAGGC 54
TBFV-NC_001809.1 GUGUUGAGAAAAAGACAGCUUAGGAGAACCAAGAGCUGGGG-----AUGGGCAGGAAGAC 54
TBFV-NC_005062.1 GUGUUGAGAAAAAGACAGCUUAGGAGAACCAAGAGCUGGGG-----AUGGCCGGGAAGGC 54
TBFV-NC_003690.1 GUGUUGAGAAAAAGACAGCUUAGGAGAACCAAGAGCUGGGG-----AUGGCCGGGAAGGC 54
TBFV-NC_003687.1 -----AGAAAAAGACAGCUUAGGAGAACCAAGAGCUGGGGAGUGGUUAUG-----AUGAC 48
.....10.....20.....30.....40.....50.....6



dISFV-NC_024017.1 GAAUAAAACCAAGAAAGCCCGCCCAAAGCGGGCUGUUAUAUAGCUAACAC--GCAUCACC 103
dISFV-NC_017086.1 GAUAAAACCAAGAAAG---CCGAAGACGGGCUAUCGAUAUAGUGAGACGUGCGUUGCC 102
dISFV-NC_016997.1 CUUUCGAGCUAGGAGGC---CCUUAAACGGGCGGUCGAUAUAUAAAACGUAAGCUGC- 110
dISFV-NC_040610.1 UAGACAACUUGGAAAGACCCGUUCAAAGACGGUCUGUCAUAUAGCGAAAGCGG--AUUACC 103
dISFV-NC_027999.1 AACUAGAGUAGGAUCUCGGGUUAAACCCGAGGUGUCAUAUAGAUUAGGCGUAC----- 105
TBFV-NC_027709.1 CAUUCUGAAAGGAAAGGGGGGCCGUCCCC--CUCGACGAGUGUCGAAAGAGACCG---C 108
TBFV-NC_001672.1 CAUUCUGAAAGGUAAGGGGGGCCGUCCCC--CUCGACGAGUGUCGAAAGAGACCG---C 108
TBFV-NC_001809.1 CAUUCUGAAAGGCAAGGGGGGCCGUCCCC--CUCGACGAGUGUCGAAAGAGACCG---C 108
TBFV-NC_005062.1 CAUUCUGAAAGGAAAGGGGGGCCGUCCCC--CUCGACGAGUGUCGAAAGAGACCG---C 108
TBFV-NC_003690.1 CGUUCUAAAAGGAAAGGGGGGCCGUCCCC--CUCGACGAGCGUCGAAAGUGGCC---C 108
TBFV-NC_003687.1 CACUUCUAAAAGGAAAGGGGGGCCGUCCCC--CUAGGCGCAAGCUUAAAGUGACCG---C 102
0.....70.....80.....90.....100.....110.....1



dISFV-NC_024017.1 AAGCGU-GNNNNNNN-----CCCCACUGCUGAGAGCAAAAUAGCAUAUUGACACUUGG 155
dISFV-NC_017086.1 UCGCGUCUNNNNNNNAGAGGAGACCCCCCAAAAAUGAAGGGCACUAUAUUGACACUUGG 162
dISFV-NC_016997.1 -----NNNNNNNNAGGAAACCCCCCAAAAAUGUAUAGGCUAUUAUAUUGACACCUAG 162
dISFV-NC_040610.1 ACCCG-CUNNNNNNNA-----CCCCCUCAUUAUUUAUAUAACAGCAUAUUGACACAGG 156
dISFV-NC_027999.1 ---UGGAANNNNNNNUGGCGAACCCCAUUGGAAAUU---UAGCUUCAUAUUGACACAGG 159
TBFV-NC_027709.1 AA-----NNNNNNNCCUCUCUUCAGGAUUUUUCCUCCUCCUAUACCAAA-UUCCCCUCG 161
TBFV-NC_001672.1 AA-----NNNNNNNCCUCUCUUCAGGAUUUUUCCUCCUCCUAUACCAAA-UUCCCCUCG 161
TBFV-NC_001809.1 GA-----NNNNNNN-UCUCUUCAGGGUUUUUCCUCCUCCUAUACCAAAUUCCCCCUCG 161
TBFV-NC_005062.1 UA-----NNNNNNNCCUCUCUUCAGGAAAUUUCCUCCUCCUAUACCAAA-UUCCCCUCA 161
TBFV-NC_003690.1 AA-----NNNNNNNCCUCUCUUCAGGAUAUUUCCUCCUCCUAUACCAAA-UUCCCCUCG 161
TBFV-NC_003687.1 AAUAAGUNNNNNNNNCU-UCCUCGGGAUUUUCCGCCUCCUAUACUAAAUUUCCCCAGG 161
20.....130.....140.....150.....160.....170.....1



dISFV-NC_024017.1 GAAGAGACCAGAGAUUAUGAUGUUGUUGUCAUUGCUGACAACAGCCAUGGCACAGAGCGC 215
dISFV-NC_017086.1 GAA-AGACCAGAGGUACUCGUGAUUACCGCC---ACCAGACUACACGGCACAGCGCGC 218
dISFV-NC_016997.1 GAA-AGACUGGAGAUACCUUGGUUUCUUGCA---CACUAACUCCUAUUGGCACAGAGCGC 218
dISFV-NC_040610.1 G-AUAGACCGGAGAAAUACAUAUUCUGGGCACUAACCAACUAC--AAGCACAGAGCGC 213
dISFV-NC_027999.1 GAAAAGACCGGAGAAACUUCUUGCUUACUCGCAGCAACCACCGAA--AGGCACAGUAUGC 217
TBFV-NC_027709.1 ACAGAGG-GGGGGCGGUUCUUGUUCUCCUGAGCCACCAUACCC--AGACACAGAUAGU 218
TBFV-NC_001672.1 GUAGAGG-GGGGGCGGUUCUUGUUCUCCUGAGCCACCAUACCC--AGACACAGGUAGU 218
TBFV-NC_001809.1 ACAGAGG-GGGGGCGGUUCUUGUUCUCCUGAGCCACCAUACCC--AGACACAGAUAGU 218
TBFV-NC_005062.1 UCUGAGG-GGGGGCGGUUCUUGUUCUCCUGAGCCACCAUACCC--AGACACAGGCAGU 218
TBFV-NC_003690.1 UCAGAGG-GGGGGCGGUUCUUGUUCUCCUGAGCCACCAUACCC--AGACACAGAUAGU 218
TBFV-NC_003687.1 AAACUGG-GGGGGCGGUUCUUGUUCUCCUGAGCCACCAUACCC--AGGCACAGAUAGC 218
80.....190.....200.....210.....220.....230.....2



dISFV-NC_024017.1 CUGAAGAGAGCUGUUGU-UAUAAUUUACAAAAAUAAACAUUAUCU--- 258
dISFV-NC_017086.1 CGGAAAAGGUAGUUUG---AGGUUGUAAAACAACAAGUAUCU--- 258
dISFV-NC_016997.1 CAUAAAGAACGGAGUUA-GU---AUGGAAAAAACAUAAAGUAUCU--- 258
dISFV-NC_040610.1 UUCGAGA-AGUAGUUGU-UUCUUGACGAGAGAAUAUGUAUAUCUUGG 258
dISFV-NC_027999.1 CUGAA-ACAUUCGGUGG-UUGAUGU-AGUAAACAACCAGUUUCU--- 258
TBFV-NC_027709.1 CUGACAAGGAGGUGAUGCGUGACUC-GGAAAAACAC---CCGCU--- 258
TBFV-NC_001672.1 CUGACAAGGAGGUGAUGUGUGACUC-GGAAAAACAC---CCGCU--- 258
TBFV-NC_001809.1 CUGACAAGGAGGUGAUGUGUGACUC-GGAAAAACAC---CCGCU--- 258
TBFV-NC_005062.1 CUAACAAGGAGGUGAUGUGUGACUC-GGAACAACAC---CCGCU--- 258
TBFV-NC_003690.1 CUGAAAAGGAGGUGAUGCGUGUCUC-GGAAAAACAC---CCGCU--- 258
TBFV-NC_003687.1 CUGACAAGGAGUGUGUGUGACUC-GGAAAAACAC---CCGCU--- 258
40.....250.....260.....270.....280.....

