

dISFV-NC\_016997.1 A-AACAUAACGCAUUGAAUAGGUUUGAAAGAGUUGAAUACA-----AUGAGAUCAAUGGU 54  
dISFV-NC\_017086.1 AUAACACGCUUUGAAUAGGUUUAUUGUG-AAUCGAAAUACCG-----AUG-----G 45  
dISFV-NC\_040610.1 GAACAAUUUUAAAAGAAGUCAAACUAAGAAAUUUAAUU-UCA-----AUG-----GUUAG 48  
dISFV-NC\_024017.1 UCGCGCAUUUUUGAU-AGAGUUGACUAGAUAAACGAAUUAUCG-----AUG-----GUGAC 48  
dISFV-NC\_027999.1 GGAUUAAUUGUUGUUUGAGAGAACAGCCGAGAAAUACUA-CU-----AUGGUUGAGAAAAA 54  
TBFV-NC\_003690.1 GUGUUGAGAAAAAGACAGCUUAGGAGAACAAAGAGCUUGGG-----AUGGCCGGGAAGGC 54  
TBFV-NC\_027709.1 GUGUUGAGAAAAAGACAGCUUAGGAGAACAAAGAGCUUGGG-----AUGGGCAGGAAGU 54  
TBFV-NC\_001672.1 GUGUUGAGAAAAAGACAGCUUAGGAGAACAAAGAGCUUGGG-----AUGGUCAAGAAGGC 54  
TBFV-NC\_001809.1 GUGUUGAGAAAAAGACAGCUUAGGAGAACAAAGAGCUUGGG-----AUGGGCAGGAAGA 54  
TBFV-NC\_005062.1 GUGUUGAGAAAAAGACAGCUUAGGAGAACAAAGAGCUUGGG-----AUGGCCGGGAAGGC 54  
TBFV-NC\_003687.1 -----AGAAAAAGACAGCUUAGGAGAACAAAGAGCUUGGAGUGGUUAUG---AUGACCA 51  
.....10.....20.....30.....40.....50.....6



dISFV-NC\_016997.1 CUUUCGAGCUAGGAGGCCCGUUAACCGGGCCGUCGAUUAUAAUAAAACGUAAGCUGC--- 110  
dISFV-NC\_017086.1 GAAUAAACCCCAAGAAAGCCCGAAGACGGGCUAUCGAUUAUGAGAGACGUGCGUUGCCUCG 105  
dISFV-NC\_040610.1 ACAAAUUGGAAAGACCGUUGCAAGACGGUCUGUCAUUAUGCGAAAGCGGA--UUACCACC 106  
dISFV-NC\_024017.1 UAAAUCAAGAAAGCCCCCGCGCAAAGCGGGGUGUUAUUAUGCUAACACGCA--UCACCAG 106  
dISFV-NC\_027999.1 UAGAGUAGGAUCUCGCGGUUAAAACCCGAGGUGUCAUUAUGAUUAGGCUGUA--CUGGAA-- 110  
TBFV-NC\_003690.1 CGUUAUAAAAGGAAAGGGGGGGGUC--CCCCUCGACGAGCGUGCAAAGUGGCCCCCAA-- 110  
TBFV-NC\_027709.1 CAUCUGAAAGGUAAAGGGGGGCGGUC--CCCCUCGACGAGUGUCGAAAGAGACCGCAA-- 110  
TBFV-NC\_001672.1 CAUCUGAAAGGUAAAGGGGGGCGGUC--CCCCUCGACGAGUGUCGAAAGAGACCGCAA-- 110  
TBFV-NC\_001809.1 CAUCUGAAAGGCAAGGGGGGCGGUC--CCCCUCGACGAGUGUCGAAAGAGACCGCGA-- 110  
TBFV-NC\_005062.1 CAUUCUGAAAGGAAAGGGGGGCGGUC--CCCCUCGACGAGUGUCGAAAGAGACCGCUA-- 110  
TBFV-NC\_003687.1 --UUCUAAAAGGAAAGGGGGCGGUCC--CCCUA-GGCGCAAGCUUAAAGUGACCGCAAAU 106  
0.....70.....80.....90.....100.....110.....1



dISFV-NC\_016997.1 -----NNNNNNNAGGAAACCCCCCAAAAAUGUAUAGGCUAUUAUUAUCGACACUAGGAA 165  
dISFV-NC\_017086.1 CGUCUNNNNNNNNAGAGGAGACCCCCCAAAAAUGAAGGGCACUAUUAUCGACACUUGGGAA 165  
dISFV-NC\_040610.1 CG-CUNNNNNNNNA-----CCCCUCAUUUAUUUAUUAACAGCAUUAUGACACAGGG-A 158  
dISFV-NC\_024017.1 CG-UGNNNNNNNC-----CCCACUCUGAGAG-CAAAUAGCAUUAUGACACUUGGGAA 158  
dISFV-NC\_027999.1 -----NNNNNNNUGGCGAACCCCAUUGGAAAUU--UAGCUUCAUUAUUGACACAGGGAA 162  
TBFV-NC\_003690.1 -----NNNNNNNCUCUCUUCAGGAUUAUUUCCUCCUCCUAUACCAA-UUCCCCCUCGUA 164  
TBFV-NC\_027709.1 -----NNNNNNNCUCUCUUCAGGAUUAUUUCCUCCUCCUAUACCAA-UUCCCCCUCGUA 164  
TBFV-NC\_001672.1 -----NNNNNNNCUCUCUUCAGGAUUAUUUCCUCCUCCUAUACCAA-UUCCCCCUCGUA 164  
TBFV-NC\_001809.1 -----NNNNNNN-UCUCUUCAGGGUUUUUCCUCCUCCUAUACCAAUUUCCCCCUCGUA 164  
TBFV-NC\_005062.1 -----NNNNNNNCUCUCUUCAGGAAAUUUUCCUCCUCCUAUACCAA-UUCCCCCUCUAUCU 164  
TBFV-NC\_003687.1 AA-GUNNNNNNNNCU-UCCUCGGGAUUUUUCCGCCUCCUAUACUAAAUUUCCCCCAGGAAA 164  
20.....130.....140.....150.....160.....170.....1



dISFV-NC\_016997.1 -AGACUGGAGAUACCUUUGGUUCUUCGACACU-AACUCCU--AAUGGCACAGAGCGCCA 220  
dISFV-NC\_017086.1 -AGACCAGAGGUACUCGCGUAUUCACCGCCACC-AG-ACUA--CACGGCACAGCGCGCCG 220  
dISFV-NC\_040610.1 UAGACCGGAGAAAU-ACACAAUUUCUGGGGACUAAACAACUACAAGCACAGAGCGCUUCG 217  
dISFV-NC\_024017.1 GAGACCAGAGAUUAUGUUGUUUUGUCAUUGCU-GACAACAGCCUAGGCAAGGACAGCGCCU 217  
dISFV-NC\_027999.1 AAGACCGGAGAAAUUCUUGUCUUAUCG-CAGCAACCACCG--AAAGGCACAGUAUGCCU 219  
TBFV-NC\_003690.1 GAGGGGGGGCGGUUCUUGUUCUCCUGAGCCACCAUCACCU---AGACACAGAUAGUCU 220  
TBFV-NC\_027709.1 GAGGGGGGGCGGUUCUUGUUCUCCUGAGCCACCAUCACCC---AGACACAGAUAGUCU 220  
TBFV-NC\_001672.1 GAGGGGGGGCGGUUCUUGUUCUCCUGAGCCACCAUCACCC---AGACACAGGUAGUCU 220  
TBFV-NC\_001809.1 GAGGGGGGGCGGUUCUUGUUCUCCUGAGCCACCAUCACCC---AGACACAGAUAGUCU 220  
TBFV-NC\_005062.1 GAGGGGGGGCGGUUCUUGUUCUCCUGAGCCACCAUCACCC---AGACACAGGAGUCU 220  
TBFV-NC\_003687.1 CUGGGGGGGCGGUUCUUGUUCUCCUGAGCCACCAUCACCC---AGGCACAGAUAGCCU 220  
80.....190.....200.....210.....220.....230.....2



dISFV-NC\_016997.1 UA-AG--AAACGAGUUAUGUAUGGAAAAACAUAUAA-GUAUCU 258  
dISFV-NC\_017086.1 GA-AA--AGGUAGUUUGGAGGUUGUAAAAACAACAA-GUAUCU 258  
dISFV-NC\_040610.1 AG-AAGUAGUUUUUUUUGACGAGAGAAUAUGUAUAUUCUUG 258  
dISFV-NC\_024017.1 GA-AGAGAGCUGUUGUUAUAAUUUACAAAAAAUAACAUAUCU 258  
dISFV-NC\_027999.1 GA-AACAUCGUGGUUGUAUGUAGUAAACAACCA--GUUUCU 258  
TBFV-NC\_003690.1 GAAAAGGAGGUGAUGCGUGUCUCGAAAAAACAC---CCGCU 258  
TBFV-NC\_027709.1 GACAAGGAGGUGAUGCGUGACUCGGAAAAAACAC---CCGCU 258  
TBFV-NC\_001672.1 GACAAGGAGGUGAUGGUGGACUCGGAAAAAACAC---CCGCU 258  
TBFV-NC\_001809.1 GACAAGGAGGUGAUGGUGGACUCGGAAAAAACAC---CCGCU 258  
TBFV-NC\_005062.1 AACAAGGAGGUGAUGGUGGACUCGGAAAAAACAC---CCGCU 258  
TBFV-NC\_003687.1 GACAAGGAGGUGAUGGUGGACUCGGAAAAAACAC---CCGCU 258  
40.....250.....260.....270.....280

