

dISFV+TBFV-NC\_016997.1  
dISFV+TBFV-NC\_040610.1  
dISFV+TBFV-NC\_024017.1  
dISFV+TBFV-NC\_017086.1  
dISFV+TBFV-NC\_027999.1  
dISFV+TBFV-NC\_003690.1  
dISFV+TBFV-NC\_001809.1  
dISFV+TBFV-NC\_027709.1  
dISFV+TBFV-NC\_005062.1  
dISFV+TBFV-NC\_001672.1  
dISFV+TBFV-NC\_003687.1

C-AUUAGAAUAGGUUUGAAGAGAUUGAAU--CA-----AUGAGAUCAAUGGUUUUUUCG 50  
AAAGAAGUCAAAACUAGAAAUUUAAUUU--CA-----AUG-----GUUAGACA 41  
UGAU-AGAGUUGACUAGAUACGAAUUUU--CG-----AUG-----GUGACUAA 41  
UGAAUAGGUUUUAUUGUGAAUCGAAA-UAC--CG-----AUG-----GCGAAUAA 41  
UUGUUUGAGAGAAC--AGCGGAGAAGUACUACU-----AUG--GUUGAGAAAAACUAG 47  
AAAG---ACAGCUUAGGAGAACAAGAGCUGGGG-----AUGGCCGGGAAGGCCGUUCU 50  
AAAG---ACAGCUUAGGAGAACAAGAGCUGGGG-----AUGGGCAGGAAGAACAUCU 50  
AAAG---ACAGCUUAGGAGAACAAGAGCUGGGG-----AUGGGCAGGAAGUCCAUCU 50  
AAAG---ACAGCUUAGGAGAACAAGAGCUGGGG-----AUGGCCGGGAAGGCCAUUCU 50  
AAAG---ACAGCUUAGGAGAACAAGAGCUGGGG-----AUGGCUAAGAAGGCCAUUCU 50  
-----AGCUUAGGAGAACAAGAGCUGGGAGUGGUUAUG-----AUGACCACUUC 44  
.....10.....20.....30.....40.....50.....6

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dISFV+TBFV-NC\_001672.1  
dISFV+TBFV-NC\_003687.1

AGCUAGGAGGCCCCUUU--AAACGGGCGCUGCAUUAUAAUAAAACGUAAGCUGC----- 100  
ACUUGGAAAAGACCCGUUGCAAGACGGUCUGUCAUAUUGCGAAAGC--GGAUUACCACCCG- 98  
AUCAAGAAAGCCCCCGCGCAAAGCGGGCUGUUAUAUUGCUAACAC--GCAUCACCAAGCG- 98  
ACCCAAGAAAGCCCCG--AAGACGGGCUAUCGAUAUAGUGAGACGUGCGUUGCCUCGCGU 98  
AGUAGGAUCUCGCGUUAAAACCCGAGGUGUCAUAUAGUAUUGGCGUAC-----UGG 98  
AAAAGGAAAAGGGGGGGGGUCCCC--CUCGACGAGCGUCGAAAGUGGCC--CAA--- 100  
GAAAGGCAAGGGGGGCGGUCCCC--CUCGACGAGUGUCGAAAGAGACCG---CGA--- 100  
GAAAGGUAAGGGGGGCGGUCCCC--CUCGACGAGUGUCGAAAGAGACCG---CAA--- 100  
GAAAGGAAAGGGGGGCGGUCCCC--CUCGACGAGUGUCGAAAGAGACCG---CUA--- 100  
GAAAGGUAAGGGGGGCGGUCCCC--CUCGACGAGUGUCGAAAGAGACCG---CAA--- 100  
UAAAGGAAAGGGGGGCGGUCCCC--CUAGGCGCAAGCUUAAAGUGACCG---CAAUUA 98  
0.....70.....80.....90.....100.....110.....1

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dISFV+TBFV-NC\_027709.1  
dISFV+TBFV-NC\_005062.1  
dISFV+TBFV-NC\_001672.1  
dISFV+TBFV-NC\_003687.1

--NNNNNNNCAAAAAU-GU-AUAGGCUAUUAUAUCGACACCUAGG--AAAGACUGGAGAU 154  
CUNNNNNNNNCUCAUUA-UUUUAUAUAACAGCAUAUUGACA-CCAGGG-AUAGACCGGAGAA 155  
UGNNNNNNNNNCU-GCUG-AGAGCAAAAUAGCAUAUUGACA-CUUGGGAAGAGACCAAGAU 155  
CUNNNNNNNNCCCAAA-AUGA-AGGGCACUAUAUCGACACUUGGG--AAAGACCAAGAGGU 154  
AANNNNNNNNC-CAUUG-GAAAUUUAGCUUCAUAUUGACACC-AGGGAAAAGACCGGAGAA 155  
--NNNNNNNNGAUUUUCCUCCUCCUAUACCAAA-UUCCCCUCGUCAGAGGGGGGGCGGU 157  
--NNNNNNNNG-UUUUCCUCCUCCUCCUAUACCAAAUUCCCCCUCGACAGAGGGGGGGCGGU 157  
--NNNNNNNNGAUUUUCCUCCUCCUAUACCAAA-UUCCCCUCGACAGAGGGGGGGCGGU 157  
--NNNNNNNN-----UUAUACCAAA-UUCCCCUCAUCUGAGGGGGGGCGGU 142  
--NNNNNNNN-----UUAUACCAAA-UUCCCCUCGGUAGAGGGGGGGCGGU 142  
GUNNNNNNN-AUUUUUCCGCCUCCUAUACAAAUUUC-----CCCAGGAACUGGGGGGCGGU 157  
20.....130.....140.....150.....160.....170.....1

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dISFV+TBFV-NC\_027709.1  
dISFV+TBFV-NC\_005062.1  
dISFV+TBFV-NC\_001672.1  
dISFV+TBFV-NC\_003687.1

ACCUUUGGUUC-----UU 167  
AUACACAAUUU-----C- 167  
AUG-AUGUUGU-----UU 167  
ACUCGCUGAUU-----CA 167  
ACUU-CUUGCU-----UA 167  
UCUUG-UUCUC----- 167  
UCUUG-UUCUC----- 167  
UCUUG-UUCUC----- 167  
UCUUG-UUCUC----- 167  
UCUUG-UUCUC----- 167  
UCUUG-UUCUC----- 167  
UCUUG-UUCUC----- 167  
UCUUG-UUCUC----- 167  
UCUUG-UUCUC----- 167  
80.....190.....200....