```
                            ...............((((((((((((((((.............................((.........
dISFV+TBFV-NC_027999.1      UUGUUUGAGAGAACACGCGAGAAGUACUACU------AUGGUUGAGAAAACUAGAGUAGGA 54
dISFV+TBFV-NC_040610.1      AAAGAAGUCAAAACUAGAAAUUUAAUUUCA------AUGGUU-AGACAACUUG-GAAAGA 52
dISFV+TBFV-NC_016997.1      CAUUAGAAUAGGUUUGAAAGAGUUGAAUCA------AUGAGAUCAAUGGUCUUUCGAGCU 54
dISFV+TBFV-NC_017086.1      UGAAUAGGUUUAUUGUGAAUCGAAAUACCG------AUG---------GCGAAUAAACCC 45
dISFV+TBFV-NC_024017.1      UGAUAGAGUUGACUAGAUAACGAAUUAUCG------AUGGU------GACUAAAUCAAGA 48
dISFV+TBFV-NC_003690.1      AAAGACAGCUUAGGAGAACAAGAGCUGGGA------AUGGCCGGGAAGGCCGUUCUAAAA 54
dISFV+TBFV-NC_001809.1      AAAGACAGCUUAGGAGAACAAGAGCUGGGG------AUGGGCAGGAAGACCAUCCUGAAA 54
dISFV+TBFV-NC_027709.1      AAAGACAGCUUAGGAGAACAAGAGCUGGGG------AUGGGGAAGGAAGUCCAUCCUGAAA 54
dISFV+TBFV-NC_005062.1      AAAGACAGCUUAGGAGAACAAGAGCUGGGG------AUGGCCGGGAAGGCCAUUCUGAAA 54
dISFV+TBFV-NC_001672.1      AAAGACAGCUUAGGAGAACAAGAGCUGGGG------AUGGUCAAGAAGGCCAUCCUGAAA 54
dISFV+TBFV-NC_003687.1      ------AGCUUAGGAGAACAAGAGCUGGGAGUGGUUAUG------AUGACCACUUCUAAA 48
                            .........10........20........30........40........50.......6
```



```
                            ...............(((((((((........................................
dISFV+TBFV-NC_027999.1      UCUCGGGUUAAAACCCGAGGUGUCAAUAUGAUUAGGCG------UACUGG---AANNNNN 105
dISFV+TBFV-NC_040610.1      CC----GUUGCAAGACGGUCUGUCAAUAUGCGAAAGCGGAUUACCACCCG---CUNNNNN 105
dISFV+TBFV-NC_016997.1      AGGAGGCCCGUUAAACGGGCCGUCGAUAUAAUAAAACGUAAGCUGC---------NNNNN 105
dISFV+TBFV-NC_017086.1      AAGAGCCCGGAAGACGGGCUGUUAUAGUGAGACGUGCGUUCCUCGCGUCUNNNNN 105
dISFV+TBFV-NC_024017.1      AAGCCCGCGCAAAGCGGUCUGUUAUAAUGCUAACACGCAUCACCAAGCGUG---NNNNN 105
dISFV+TBFV-NC_003690.1      GGAAAGGGGGGGGGUCCCCUCGACGAGCGUCGAAAGUGGCCCCAA---------NNNNN 105
dISFV+TBFV-NC_001809.1      GGCAAGGGGGGCGGUCCCCUCGACGAGUGUCGAAAGAGACCGCGA---------NNNNN 105
dISFV+TBFV-NC_027709.1      GGUAAGGGGGGCGGUCCCCUCGACGAGUGUCGAAAGAGACCGCAA---------NNNNN 105
dISFV+TBFV-NC_005062.1      GGAAAGGGGGGCGGUCCCCUCGACGAGUGUCGAAAGAGACCGCUA---------NNNNN 105
dISFV+TBFV-NC_001672.1      GGUAAGGGGGGCGGUCCCCUCGACGAGUGUCGAAAGAGACCGCAA---------NNNNN 105
dISFV+TBFV-NC_003687.1      GGAAAGGGGGGCGGUCCCCUAGGCGCAAGCUUAAAGUGACCGCAAAUAA---GUNNNNN 105
                            0........70........80........90........100.......110.......1
```



```
                            .......................................))))))))))))))))))))))))))
dISFV+TBFV-NC_027999.1      NNC--CAUUGGAAAUUUAGCUUCUAUAUUGACACCAGGGAAAAGACCGGAGAAACUUCUUG 163
dISFV+TBFV-NC_040610.1      NNC-UCAUUAUUUAUAUAACAGCAUAUUUGACACCAGGG-AUAGACCGGAGAAAUACACAA 163
dISFV+TBFV-NC_016997.1      NNC-AAA-AAUGUAUAGGCUAUUUAUAUCGACACCUAGGAA-AGACUGGAGAUACCUUUGG 162
dISFV+TBFV-NC_017086.1      NNC-CCA-AAAAUGAAGGGCACUAUAUCGACACUUGGGAA-AGACCAGAGGUACUCGCUG 162
dISFV+TBFV-NC_024017.1      NNC-UGCUGAGA-GCAAAAUAGCAUAUUGACACUUGGGAAGAGACCAGAGAUA-UGAUGU 162
dISFV+TBFV-NC_003690.1      NNGAUAUUUCCUCCUCCUAUACCAAA-UUCCCCCUCGUCAGAGGGGGGGGCGGUUCUUGUU 164
dISFV+TBFV-NC_001809.1      NNG-UUUUUCCUCCUCCUAUACCAAAAUUUCCCCCUCGACAGAGGGGGGGGCGGUUCUUGUU 164
dISFV+TBFV-NC_027709.1      NNGAUUUUUCCUCCUCCUAUACCAAA-UUCCCCCUCGACAGAGGGGGGGGCGGUUCUUGUU 164
dISFV+TBFV-NC_005062.1      NN--------------UAUACCAAA-UUCCCCCUCAUCUGAGGGGGGGGCGGUUCUUGUU 149
dISFV+TBFV-NC_001672.1      NN--------------UAUACAAAA-UUCCCCCUCGGUAGAGGGGGGGGCGGUUCUUGUU 149
dISFV+TBFV-NC_003687.1      NN-AUUUUUCCGCCUCCUAUACUAAAUUUCCCCCAGGAAACUUGGGGGGGCGGUUCUUGUU 164
                            20.......130.......140.......150.......160.......170.......1
```



```
                            )))).................
dISFV+TBFV-NC_027999.1      CUU------------A-  167
dISFV+TBFV-NC_040610.1      UUU------------C-  167
dISFV+TBFV-NC_016997.1      UUC------------UU  167
dISFV+TBFV-NC_017086.1      AUU------------CA  167
dISFV+TBFV-NC_024017.1      UGU------------UU  167
dISFV+TBFV-NC_003690.1      CUC-------------  167
dISFV+TBFV-NC_001809.1      CUC-------------  167
dISFV+TBFV-NC_027709.1      CUC-------------  167
dISFV+TBFV-NC_005062.1      CUCCCUGAGCCACCAUCA  167
dISFV+TBFV-NC_001672.1      CUCCCUGAGCCACCAUCA  167
dISFV+TBFV-NC_003687.1      CUC-------------  167
                            80.......190......
```