

cISFV-NC_001564.2 AAUUUUUUGCCGAGAGACCGUGA----GGUUGAACCCGGCAAGGAAUGAAGAGGAAGG--- 53
cISFV-NC_005064.1 AAAUCAAGAGAGUUGUUCGGAA----AAGUGACCUUGGUUCGUUAUGAAUAGAGGAA--- 53
cISFV-NC_012932.1 AAAAUCUAGAAGUUGUUUGGAA----AAGAGAUACUGGUUCGUUAUGAAUAGGAUGC--- 53
cISFV-NC_008604.2 AAGGCUUGAGUUGUUU--AUAAUAGUCGUUUUUCUCGCAGAA--AUGGGAAAGGACGACG 56
cISFV-NC_021069.1 AA--UUUCGCUACCUU--AUUACCUUGGUACUAAAGUGGCACUAUGAAGAAGAAGGA-- 54
cISFV-NC_012671.1 UA--AUUUGCUACUUU--AUUACCUUGGUACUAAACGUGGCGCUAUGAAGAAGAAGGA-- 54
cISFV-NC_024299.2 ----CUUUGGUUGUUUGAAAAACUUUUGCGACGUUGUUGAGAAGAUGGAGCGAAAGAAAG 56
cISFV-NC_027819.1 UAGACGUUUGUCACGG----AAUAGCUUGAGAAGAAGCUUACUUAUGUCAAGUAAGGAAG 56
cISFV-NC_034204.1 ----AUUUUCUUUAGCGACAGAAGGAACCCAAAAAGGGAACCAGAUGGAGCAAAA--CGG 54
cISFV-NC_034017.1 ----CUAGUGUUUAAAAAUUUUUUUUGGCGACGUACGGAAAGUAUGGAGCAUUC--GAG 54
cISFV-NC_027817.1 ----UUGAAAGGUCAAACUCUGGUGUCCAACGUUUGUAUUAAAAUGAGUGGAUUAAGGAG 56
.....10.....20.....30.....40.....50.....6



cISFV-NC_001564.2 AUUUGGAGGCGCGAGGAAAAAGCGCCAGGGAGGGAUUUUUUCCACCCCGUUCUGGGGAANN 113
cISFV-NC_005064.1 GCUUGAAGAAGGGGCCUCCGGGCCCAAACAUCCAACCGUCCGUCGGUUGGACCGCCCGNNN 113
cISFV-NC_012932.1 UCUUGAAGAAAGGGCCUUCGGGCCAAACAUUGGUCGGCCAUCGACCAGACCGCCCGNNN 113
cISFV-NC_008604.2 GUAAGAAGAAGAAGGGGGCCGGGCUCUCCCGGAUGGU-UGUUACCA--CCGGGGCGCGNNN 113
cISFV-NC_021069.1 GUCGGGAGUAGUGGAGAGAGGACGCGGUACGCGCCC-UCCGACCAACCGUGGAGGAANN 113
cISFV-NC_012671.1 GUCUGGAGUGGUGGAGGAGGAGCGGGAACGCGUCC-UCCUGCCAUCUGGAGGAGNNN 113
cISFV-NC_024299.2 GAGUAAAUAUGGGGAGAAGGGAAGC--UAUCCCGCC-CCUCCCAUUAAGGAGAAAANN 113
cISFV-NC_027819.1 CACUGAAGAAGAAGGGAAUUUCCCUUGGAGGAGGAG-GAAAACGGGGCUUUGAG--ANNN 113
cISFV-NC_034204.1 AAAGUUUUCCCGACCGGGAGGUGGUCGGGCCCGGCCAGAGA-GGGGCUGGGGAAGANN 113
cISFV-NC_034017.1 GAAGUUUUCCCGGCCGGGAGGCGGUCGGGCGGGCCCCAAGA-GGGGCUGGCGAAGANN 113
cISFV-NC_027817.1 GCCUUCUUCUCCUCCGAGGGAAGAAAAAGAAAGCCCCUGUGA--UACAAUCACAGNNN 113
0.....70.....80.....90.....100.....110.....1



cISFV-NC_001564.2 NNNNCUUUCAAACUGGACGGGGCAACAGGGAGAAAUCCCGGGG--UA-GCGAACCUCCU 170
cISFV-NC_005064.1 NNNN--UUCAAACCGGACGGAGCAACAGGGA-AUUUCCCGGGGA--C-GCGUACCCCCU 167
cISFV-NC_012932.1 NNNN--A--AAAAUCGGGCGGAGCAACAGGGAGAAAUCCCGGGGAUU-GCGAACCCCCU 168
cISFV-NC_008604.2 NNNNUCACCGCAAGGUGAGGGGCGCACAGGAUAGA--AUCCAGGUGACU-GACGCCACCUC 170
cISFV-NC_021069.1 NNNNUCACCGUAAGGUGAGGGCGCACAGGAUCGAAUAUCCGGGUGAGU-GACGCCACCCC 172
cISFV-NC_012671.1 NNNN-CACCGCAAGGUGAGGGCGCACAGGAUCGAGUAUCCGGGUGAGU-GACGCCACCCC 171
cISFV-NC_024299.2 NNNN--ACCGCAAGGUGAGGGCGCACAGGACGAAAGUCCAGGGUGAGU-GACGACACCCC 170
cISFV-NC_027819.1 NNNNAAGGCCAUCCACGCAAGGCAACAGGAAGAAAUUCCGGGUGAUU-AGCCACACCCC 172
cISFV-NC_034204.1 NNNN--CUC-----CAGAGCAAACAAGGGAUUUAUCCUUAAGGUGAUUUGACGACCACCC 166
cISFV-NC_034017.1 NNNNACCUC-----CAGAGCAAACGAGGGAGAAAUCCCU-AGGUGAGUUGGCGACCACCC 167
cISFV-NC_027817.1 NNNNAUGUG----CAGGGCAACAAAGUUCUAACGAACUAGGGUGAGUAG-CGUCACCCC 167
20.....130.....140.....150.....160.....170.....1



cISFV-NC_001564.2 CCGUUAUUGUGAAAAAGUAUG-GGGAAAGAACUC-AUCUUAACCUCACCAGGUAGGGAG 228
cISFV-NC_005064.1 CCG-UAAUGUGAAAAAGUAUGGGGAAAAGAACCC-AGCUAAAUCUCCACCGAUAGGGAG 225
cISFV-NC_012932.1 CCG-AAAUGUGAAAAAUUAUGGGGAAAAGUACCC-AUCUAAGCCUCCACCGUUAGGGAG 226
cISFV-NC_008604.2 CCG-AAAUUGUGUAUUAACAGA-GCAUGCCGACGACGAGGUCUCCACCGUUAGGAGA 228
cISFV-NC_021069.1 CCG-AAAUUGUGUAUUGUGACAGG-CU-UGCUCGCAGCAGCAAUCCACCGUUAGGAGA 229
cISFV-NC_012671.1 CCG-AAAUUGUGUAUUGUGACAGG-CU-UGCUCGCAGCAGCAAUCCACCGUUAGGAGA 228
cISFV-NC_024299.2 CCG-AAAUUGUGUAUUAAGCCAU-GUUGAGUCUAUACAACAGGCUUCCACCGUAGGAAG 228
cISFV-NC_027819.1 CCG-AAACGUGAUUAUUAUGAGUAGACAAGAAUAGAGA-UGGAAGAUCCACCGUUAGGGGA 230
cISFV-NC_034204.1 UCUGAAAUGUUAUAAAAACUUGUGCGGAAA-AAUCCAAAGACUGUCCCAACCGAUAGGGGA 225
cISFV-NC_034017.1 UCUGUAAUGUUAUAAUAGUUGUGCGGAAA-AAUCCAAAGAUUCCCAACCGAUAGGGGG 226
cISFV-NC_027817.1 CCGGUUUGUAAAAACGAUUGCGACUAGAAACUAAAGUCGAGAGUCUCCCAACCGAUAGGGGA 227
80.....190.....200.....210.....220.....230.....2



cISFV-NC_001564.2 --UUUUG-AUUAUCUUUUUCUAUACCAUAGAUGC--- 258
cISFV-NC_005064.1 --UUUGG-ACUAUCUUUUUCUAUACCAUAAAUGCUCU 258
cISFV-NC_012932.1 --UUUGG-AAUACCUUUUUCUAUACCAUAGAUGCUC- 258
cISFV-NC_008604.2 C-UUGUU-GCGGGCAAGCUC---UUGUUCACGU-CU 258
cISFV-NC_021069.1 U-UUGUU-GUGAGCAUUGC----UUGUCUACGU-CU 258
cISFV-NC_012671.1 U-UUGUU-GUGAGCAUUGCC---UUGUCUACGU-CU 258
cISFV-NC_024299.2 CGUUGUU-GUGAUGACACAU---GAG-CAACGU-CU 258
cISFV-NC_027819.1 UCCAUC-AGCAUUCUUGGA---AUCAU---GG-CU 258
cISFV-NC_034204.1 CUUUGGGAAAGUUUUUCAAC---ACACGUAGCGUCU 258
cISFV-NC_034017.1 CUUUGGGAAAGUUUUUCAAC---ACACGUAGCG-CU 258
cISFV-NC_027817.1 GCUCGUC-AGUUUGUUUUUAG---UCCAUUUACG-CU 258
40.....250.....260.....270....

