

cISFV-NC_001564.2 AAUUUUUUGCCGAGAGACCGUGA----GGUUGAACCCGGCAAGGAAUGAAGAGGAAGG--- 53
cISFV-NC_005064.1 AAAUCAAGAGAGUUGUUCGGAA----AAGUGACCUUGGUUCGUUAUGAAUAGAGGAA--- 53
cISFV-NC_012932.1 AAAAUCUAGAAGUUGUUUGGAA----AAGAGAUUUCUGGUUCGUUAUGAAUAGGAUGC--- 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 ----CUAGUGUUUAAAAAUUUCUUUGGCGACGUACGGAAAGUAUGGAGCAUUC--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 GUAAGAAGAAGAAGGGGGCCGGGCUCUCCGGAUGGU-UGUUACCA--CCGGGGCGCGNNN 113
cISFV-NC_021069.1 GUCGGGAGUAGUGGAGAGAGGACGCGGUACGCGCCC-UCCGACCAACCGUGGAGGAANN 113
cISFV-NC_012671.1 GUCUGGAGUGGUGGAGAGGAGGACGUGAACGCGUCC-UCCUGCCAUCUGGAGGAGNNN 113
cISFV-NC_024299.2 GAGUAAAUAUUGGGAGAAGGGAGC--UAUCCCGCC-CCUCCCAUUAAGGAGAAAANN 113
cISFV-NC_027819.1 CACUGAAGAAGAAGGGAAUUUCCCUUGGAGGAGGAG-GAAAACGGGGCUUUGAG--ANNN 113
cISFV-NC_034204.1 AAAGUUUUUCCCGACCGGGAGGUGGUCGGGCCCGGCCAGAGA-GGGGCUGGGGAAGANN 113
cISFV-NC_034017.1 GAAGUUUUUCCCGGCCGGGAGGCGGUCGGGCGGGCCCCAAGA-GGGGCUGGCGAAGANN 113
cISFV-NC_027817.1 GCCUUCUUCUCCUCCGAGGGAAGAAAAAGAAAGCCCCUGUGA--UACAAUCACAGGNNN 113
0.....70.....80.....90.....100.....110.....1



cISFV-NC_001564.2 NNNNCUUUCAAACUGGACGGGGCAACAGGGAGAAAUCCCGGGG--UA-GCGAACCUCCU 170
cISFV-NC_005064.1 NNNN--UUCAAAACCGGACGGAGCAACAGGGA-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 NNNNAAGGCCAUCCACGCGAGGGCAACAGGAAGAAAUUCCGGGUGAUU-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-GGG-AAAGAACUCAUCUUAACCUCACCGUUAAGGGAG 228
cISFV-NC_005064.1 CCG-UAAUGUGAAAAAGUAUG-GGGAAAAGAACCAGCUAAAUCUCCACCGAUAGGGAG 225
cISFV-NC_012932.1 CCG-AAAUGUGAAAAAUUAUG-GGGAAAAGUACCAUCUAAGCCUCCACCGUUAGGGAG 226
cISFV-NC_008604.2 CCG-AAUUGUGUAUAGUAACA-GAGCAUCCUGCAGCAGCAGGUCUCCACCGUAGG-AG 227
cISFV-NC_021069.1 CCG-AAUUGUGUAUUGUGACA-G-GCUUGCUCGCAGCAGCAAUCCACCGUUAAGG-AG 228
cISFV-NC_012671.1 CCG-AAAUGUGUAUUGUGACA-G-GCUUGCUCGCAGCAGCAAUCCACCGUUAAGG-AG 227
cISFV-NC_024299.2 CCG-AAUUGUGUAUUAUAGCCC-AUGUUGAGUCUAUACAACAGGCUUCCACCGUAGGAAG 228
cISFV-NC_027819.1 CCG-AAACGUGUAUUUAUAGA-UGACAAGAAUCAGAUGGAAGAUCCCAACCGUUAAG--G 227
cISFV-NC_034204.1 UCUGAAAUGUUAAUAAAACUGUGCGGAA-AAAUCCAAAGACUGUCCCAACCGAUAGGGGA 225
cISFV-NC_034017.1 UCUGUAAUGUUUAAUAAAGUUGUGCGGAA-AAAUCCAAAGAAUGUCCCAACCGAUAGGGG 226
cISFV-NC_027817.1 CCGUUGUGUAAAACGAUUGCGACUAGAAACUAAAGUCGAGAGUCCCAACCGAUAGGGGA 227
80.....190.....200.....210.....220.....230.....2



cISFV-NC_001564.2 UUUUGAUUAUCUUUUUAUACCAUAGAUGC--- 258
cISFV-NC_005064.1 UUUUGACUAUCUUUUUAUACCAUAAAUGCGCU 258
cISFV-NC_012932.1 UUUUGAAUACCUUUUUAUACCAUAGAUGC GC- 258
cISFV-NC_008604.2 ACUUG-UUGCGGGCAAGCUCUUGUUCACGU-CU 258
cISFV-NC_021069.1 AUUUG-UUGUGAGCAUUG-CUUGUCUACGU-CU 258
cISFV-NC_012671.1 AUUUG-UUGUGAGCAUUGCCUUGUCUACGU-CU 258
cISFV-NC_024299.2 CGUUG-UUGUGAUGACACAUGAG-CAACGU-CU 258
cISFV-NC_027819.1 GGAUC-CAUCCAGCAUUCUUGGAAUCAUGG-CU 258
cISFV-NC_034204.1 CUUUGGGAAAGUUUUUCAACACACGUAGCGUCU 258
cISFV-NC_034017.1 CUUUGGGAAAGUUUUUCAACACACGUAGCG-CU 258
cISFV-NC_027817.1 GCUCGUCAGUUUGUUUAGUCCAAUUA--CGCU 258
40.....250.....260.....270..

