

cISFV-NC_008604.2 AAGGCUUGAGUUGUUUAUAAUAGUCGUUUUUCUCGCAGAA--AUGGGAAAGGACGACGGU 58
cISFV-NC_021069.1 AA--UUUCGCUACCUUAUUACCUCUGGUUACUAAAGUGGCACUAUGAAGAAGAAGGA--GU 56
cISFV-NC_012671.1 UA--AUUUGCUACUUUAUUACCUCUGGUACUAACGUGGCGCUAUGAAGAAGAAGGA--GU 56
cISFV-NC_024299.2 CU--UUGGUUGUUUGAAAAACUUUUGCGACGUUGUUGAGAAGAUGGAGCGAAAGAAAGGA 58
cISFV-NC_027819.1 UAGACGUUUUGUCACGGGAAUAGCUUGAGAAGAAGCUUACU--UAUGUCAAGUAAGGAAGCA 58
cISFV-NC_001564.2 AA--UUUUUGCCGAGAGACCGUGAGGUUGAACC CGCAAGGAUGAAGAGGAAGGA--UU 56
cISFV-NC_005064.1 AA--AUCAAAGGAGUUGUUCGGAAAAGUGACCUCUGGUUCGUUAUGAAUAGAGGAAG--CU 56
cISFV-NC_012932.1 AA--AAUCUAGAAGUUGUUUGGAAAAGAGAUUUCUGGUUCGUUAUGAAUAGGAUGCU--CU 56
cISFV-NC_034204.1 AU-UUUCUUUAGCGACAGAAAGGAACCCAAAAAGGGAA--CCAGAUG--GAGCAAAACG-GAA 56
cISFV-NC_034017.1 CU-AGUGUUGUUAAAAAUUUCUUUUGCGACGUACGGA-AAGUAUG-GAGCAUUCGA-GGA 56
cISFV-NC_027817.1 -U-UGAAAGGUUCAAAACUCUGGUGUCCAACGUUUGUAUUAAAAUGAGUGGAUUAGGAGGC 58
.....10.....20.....30.....40.....50.....6



cISFV-NC_008604.2 AAGAAGGAAGAGGGGGCCGGGCUC-CUCCGGAUGGUUGUUUACCACCGGGG-CGCGNNNNNN 116
cISFV-NC_021069.1 CGGGAGUAGUGGAGAGAGGACGCGGUACGCGCCUCCGACCAACCGUGGAGGAANNNNNN 116
cISFV-NC_012671.1 CUGGAGUGGUGGAGAGAGGACGUGGAACGCGUCCUCCUGCCAAUCGUGGAGGAGNNNNNN 116
cISFV-NC_024299.2 GUAAAUAUAGGGGAGAAGGGAGCUAUCC-CGCCC-CCUCCCAUUAAGGAGAAAAANNNNNN 116
cISFV-NC_027819.1 CUGAAGGAAGAGGAAUUCUCCUGGGAGGAGGAGAAACGGGGCUUUGAG--ANNNNNN 116
cISFV-NC_001564.2 UGGAGGCGCGAGGAAAGCGCCAGGAGGGAUUUUUCCACC CGCUUCUGGGGAANNNNNN 116
cISFV-NC_005064.1 UGAAGAAGGGGGCCUCCGGGGCCAAACAUCCAACCGUCCGUCGUGGACCGCCCGNNNNNN 116
cISFV-NC_012932.1 UGAAGAAAGGGGCCUUCGGGGCCAAACAUCUGGUCGGCCAUUCGACCAGACCGCCGNNNNNN 116
cISFV-NC_034204.1 AGUUUUUCCCGACCGGGAGGUGGUCGGGCCCGGCCAGAGAGGGGCGUGGGGAAGANNNNNN 116
cISFV-NC_034017.1 AGUUUUUCCCGGCCGGGAGGCGGUCGGGCGGGCCCCAAAGAGGGGCGUGGCGAAGANNNNNN 116
cISFV-NC_027817.1 CUUCUUUCCCCUCCGAGGGGAAGAAAAAGAAAGCCCCUGUGA--UACAAUCACAGGNNNNNN 116
0.....70.....80.....90.....100.....110.....1



cISFV-NC_008604.2 NUCACCGCAAGGUGAGGGCGCACAGGAUAGA--AUCCAGGUGACU-GACGCCACCUCCCG 173
cISFV-NC_021069.1 NUCACCGUAAGGUGAGGGCGCACAGGAUCGAAUAUCCGGGUGAGU-GACGCCACCCCCCG 175
cISFV-NC_012671.1 N-CACCGCAAGGUGAGGGCGCACAGGAUCGAGUAUCCGGGUGAGU-GACGCCACCCCCCG 174
cISFV-NC_024299.2 N--ACCGCAAGGUGAGGGCGCACAGGACGAAAGUCCAGGGUGAGU-GACGACACCCCCCG 173
cISFV-NC_027819.1 NAAAGGCCAUCCACGACGGGCAACAGGAAGAAAUCCGGGUGAUU-AGCCACACCCCCCG 175
cISFV-NC_001564.2 NCUUUCAAACUGGACGGGGCAACAGGGAGAAUCCCGGGG--UA-GCGAACCUCUCCCG 173
cISFV-NC_005064.1 N--UUCAAAACCGGACGGAGCAACAGGGA-AUUUCCCGGGGA--C-GCGUACCCCCUCCG 170
cISFV-NC_012932.1 N--A--AAAACGGGCGGAGCAACAGGGAGAAAUCCCGGGAAUU-GCGAACCUCUCCCG 171
cISFV-NC_034204.1 N-----CUCCAGAGCAAAACAAGGGAUUUAUCCUUAAGGUGAUUUGACGACCACCCUCU 169
cISFV-NC_034017.1 N-----ACCUCAGAGCAAAACGAGGGAGAAAUCCCU-AGGUGAGUUGGCGACCACCCUCU 170
cISFV-NC_027817.1 N----AUGUGCAGGGCAACAAAGUUCUAACGAACUAGGGUGAGUAG-CGUCACCCCCCG 170
20.....130.....140.....150.....160.....170.....1



cISFV-NC_008604.2 -AAAUGUGUAUAGUAACA-GAGCAUGCCUGCAGCAGCAGGUCUCCACCGUUAGG-AGACU 230
cISFV-NC_021069.1 -AAAUGUGUAUUGUGACA-G-GCUUGCUCGCAGCAGCAAUUCUCCACCGUUAGG-AGAUU 231
cISFV-NC_012671.1 -AAAUGUGUAUUGUGACA-G-GCUUGCUCGCAGCAGCAAUUCUCCACCGUUAGG-AGAUU 230
cISFV-NC_024299.2 -AAAUGUGUAUAGUACCC-AUGUUGAGUCUAUAACACAGGCUUCCACCGUAGGAAGCGU 231
cISFV-NC_027819.1 -AAACGUGAUUUUAUAUGA-UGACAAGAAUCAGAUUGGAAGAUCUCCACCGUUAGG-GGAUC 232
cISFV-NC_001564.2 UUAUUGUGAAAAAGUAUG-GGG-AAAGAACUCAUUAUAAUCCUCCACCGUUAGGGAGUUU 231
cISFV-NC_005064.1 -UAAUGUGAAAAAGUAUG-GGGAAAAGAACCCAGCUAAAUCUCCACCGAUAGGGAGUUU 228
cISFV-NC_012932.1 -AAAUGUGAAAAAUUAUG-GGGAAAAGUACCCAUUAAGCCUCCACCGUUAGGGAGUUU 229
cISFV-NC_034204.1 GAAUUGUUAAUAAACUGUGCGGAA-AAAUCCAAAGACUGUCCUCCACCGAUAGGGGACUU 228
cISFV-NC_034017.1 GUAAUGUUUAAUAAUGUUGUGCGGAA-AAAUCCAAAGAUUGUCCUCCACCGAUAGGGGGCUU 229
cISFV-NC_027817.1 GUUUGAAAACGAUUGCGACUAAGAACUAAAGUCGAGAGUCUCCUCCACCGAUAGGGGAGCU 230
80.....190.....200.....210.....220.....230.....2



cISFV-NC_008604.2 UG-UUGCGGGCAAGCUCUUGUUCACGU-CU 258
cISFV-NC_021069.1 UG-UUGUGAGCAUUG-CUUGUCUACGU-CU 258
cISFV-NC_012671.1 UG-UUGUGAGCAUUGCCUUGUCUACGU-CU 258
cISFV-NC_024299.2 UG-UUGUGAUGACACAUGAG-CAACGU-CU 258
cISFV-NC_027819.1 CA-U--CCAGCAUUCUUGGAAUCAUGG-CU 258
cISFV-NC_001564.2 UGAUUAUCUUUUCUAUACCAUAGAUGC-- 258
cISFV-NC_005064.1 GGACUAUCUUUUUCUAUACCAUAAAUGCGCU 258
cISFV-NC_012932.1 GGAAUACCUUUUCUAUACCAUAGAUGC- 258
cISFV-NC_034204.1 UGGGAAAGUUUUUCAACACACGUAGCGUCU 258
cISFV-NC_034017.1 UGGGAAAGUUUUUCAACACACGUAGCG-CU 258
cISFV-NC_027817.1 CGUCAGUUUGUUUUAAGUCCAAUUA-CG-CU 258
40.....250.....260.....

