

cISFV-NC_001564.2 AAUUUUUUGCCGAGAGACCGUGA----GGUUGAACCCGGCAAGGAAUGAAGAGGAA--GGA- 54
cISFV-NC_005064.1 AAAAUCAAAGGAGUUGUUCGGAA----AAGUGACCUUGGUUCGUUAUGAAUAGAGG--AAG- 54
cISFV-NC_012932.1 AAAAUCUAGAAGUUGUUUGGAA----AAGAGAUACUGGUUCGUUAUGAAUAGGAU--GCU- 54
cISFV-NC_008604.2 AAGGCUUGAGUUGUUU--AUAAUAGUCGUUUUUCUCGCAGAA--AUGGGAAAGGA--CGAC 55
cISFV-NC_021069.1 AA--UUUCGCUACCUU--AUUACCUUGGUACUAAAGUUGGCACUUAUGAAGAAGAA--GGA- 54
cISFV-NC_012671.1 UA--AUUUGCUACUUU--AUUACCUUGGUACUAAACGUGGCGCUAUGAAGAAGAA--GGA- 54
cISFV-NC_024299.2 ----CUUUGGUUGUUUGAAAAACUUUUGCGACGUUGUUGAGAAGAUGGAGCGGAAA--GAAA 55
cISFV-NC_027819.1 UAGACGUUUGUCACGG----AAUAGCUUGAGAAGAAGCUUACUUAUGUCAAGUAA--GGAA 55
cISFV-NC_034204.1 A--UUUUCUUUAGCGACAGAAGGAACCCAAAAAGGGAA--CCAGAUGGAGCAAAACGGAA 56
cISFV-NC_034017.1 C---UAGUGUUGUUAAAAAUUUUUCUUGGCGACGUACGGA--AGAUUGGAGCAAUUCGAGGA 56
cISFV-NC_027817.1 ----UUGAAAGGUCAAACUCUGGUGUCCAACGUUUGUAUUAAAUG--AGUGGAUUAGGA 55
.....10.....20.....30.....40.....50.....6



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cISFV-NC_001564.2 -UUUGGAGGCGCGAGGAAAAAGCC-CAGGGAGGGAUUUUCCACCCCGUUCUGGGGAANN 113
cISFV-NC_005064.1 -CUUGAAGAAGGGGCCUCCGGGCCCAAACAUCCAACCGUCCGUCGUUGGACCGCCCGNNN 113
cISFV-NC_012932.1 -CUUGAAGAAAGGGCCUUCGGGCCAAACAUUGGUCGGCCAUCGACCAGACCGCCCGNNN 113
cISFV-NC_008604.2 GGUAAGAAGAAGAAGGGGCCGGGCUCCUCCGGUUGUUGUUAACCA--CCGGGGCGCGNNN 113
cISFV-NC_021069.1 -GUCGGGAGUUGGAGAGAGGAGC-GCGGUACGCGCCUCCGCCAACCGUGGAGGAANN 113
cISFV-NC_012671.1 -GUCUGGAGUGGUGAGAGAGGAGC-GUGGAACGCGUCCUCCGCCAAUCGUGGAGGAGNN 113
cISFV-NC_024299.2 GGAGUAAAUAUUGGGAGAAGGGAAGC--UAUCCCGCCCCCUCCEAUUAAGGAGAAAANN 113
cISFV-NC_027819.1 GCACUGAAGAAGAAGGGAAUUUC-CUGGGAGGAGGAGGAAAACGGGGCUUUGAG--ANN 113
cISFV-NC_034204.1 AG---UUUUCCGACCGGGAGGUG-GUCGGGCCCGGCCAGAGAGGGGCGUGGGGAAGANN 113
cISFV-NC_034017.1 AG---UUUUCCGGCCGGGAGGC-GUCGGGCCGGGCCCAAGAGGGGCGUGGCGAAGANN 113
cISFV-NC_027817.1 GGCCUUCUUCUCCUCCGAGGGAGGAAAAAGAAAGCCCUUGUGAUACAACUAC--AGGNN 113
0.....70.....80.....90.....100.....110.....1



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cISFV-NC_001564.2 NNNNCUUUCAAACUGGACGGGGCAACAGGGAGAAAUCC---GGGG--UAGCGAACUC 168
cISFV-NC_005064.1 NNNN--UUCAAACCGGACGGAGCAACAGGGA-AUUUCC---GGGA--CGCGUACCC 165
cISFV-NC_012932.1 NNNN--A--AAAAUCGGGCGGAGCAACAGGGAGAAAUCC---GGGAAUUGCGAACCC 166
cISFV-NC_008604.2 NNNNUCACCGCAAGGUGAGGGCGCACAGAUAGA--AUCC---AGGUGACUGACGCCAC 168
cISFV-NC_021069.1 NNNNUCACCGUAAAGGUGAGGGCGCACAGGAUCGAAUAUCC---GGGUGAGUGACGCCAC 170
cISFV-NC_012671.1 NNNN--CACCGCAAGGUGAGGGCGCACAGAUAGGUAUCC---GGGUGAGUGACGCCAC 169
cISFV-NC_024299.2 NNNN--ACCGCAAGGUGAGGGCGCACAGGAGAAAGUCCA--GGGUGAGUGACGACAC 168
cISFV-NC_027819.1 NNNNAAAGGCCAUCCACGCAGGGCAACAGGAAGAAAUCC---GGGUGAUUAGCCACAC 170
cISFV-NC_034204.1 NNNN-----CUCCAGAGCAAAACAAGGGAUUUAUCCUUAAGGGUGAUUUGACGACAC 164
cISFV-NC_034017.1 NNNN-----ACCUCCAGAGCAAAACAGGGAGAAAUCCCU-AGGUGAGUUGGCGACAC 165
cISFV-NC_027817.1 NNNN-----AUGUGCAGGGCAACAAAGUUCUAACGAAAUAGGUGAGUAG--CGUCAC 165
20.....130.....140.....150.....160.....170.....1



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cISFV-NC_001564.2 CUCCGUUAAUGUGAAAAAGUAU-G--GGGAAAGAACUCAUCUUAACUCCACCGGUUAGG 225
cISFV-NC_005064.1 CUCCGU-AAUGUGAAAAAGUAUGG--GGAAAAGAACCAGCUAAAUUCCACCGGAUAGG 222
cISFV-NC_012932.1 CUCCGA-AAUGUGAAAAAUUAUGG--GGAAAAGUACCCAUCUAAGCUCCACCGGUUAGG 223
cISFV-NC_008604.2 UCCCGA-AAUGUGUAUAGUAACAG--AGCAUGCCUGCAGCAGGUCUCCACCGGUUAGG 225
cISFV-NC_021069.1 CCCCGA-AAUGUGUAUUGUGACAG--GCU-UGCUCGCAGCAGCAAAUCCACCGGUUAGG 226
cISFV-NC_012671.1 CCCCGA-AAUGUGUAUUGUGACAG--GCU-UGCUCGCAGCAGCAAAUCCACCGGUUAGG 225
cISFV-NC_024299.2 CCCCGA-AAUGUGUAUUAUGCCCA--UGUUGAGUCUAUAACAACAGGUCUCCACCGGUAG 225
cISFV-NC_027819.1 CCCCGA-AACGUGAUUAUAUGAU--GACAAGAAUCAGAUAGAGAUCUCCACCGGUUAGG 227
cISFV-NC_034204.1 CCUCUGAAAUGUUAAUAAAACUGUGCGGAA--AAAUCCAAAGACUGUCCACCGGAUAGG 222
cISFV-NC_034017.1 CCUCUGUAAUGUUAAUAAAGUUGUGCGGAA--AAAUCCAAAGAAUGUCCACCGGAUAGG 223
cISFV-NC_027817.1 CCCCUGUUGUGAAAAACGAUUGCGACUAGAAACUAAAGUCG-AGAGUCUCCACCGGAUAGG 224
80.....190.....200.....210.....220.....230.....2



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cISFV-NC_001564.2 GAG--UUUUGAUUAUCUUUUCUAUACCAUAGAUGC--- 258
cISFV-NC_005064.1 GAG--UUUGGACUAUCUUUUCUAUACCAUAAAUGC--- 258
cISFV-NC_012932.1 GAG--UUUGGAUACCUUUUUCUAUACCAUAGAUGC--- 258
cISFV-NC_008604.2 AGAC-UUGUUG-CGGGCAAGCUCU--UGUUCACGU-CU 258
cISFV-NC_021069.1 AGAU-UUGUUG-UGAGCAUUGC-U--UGUCUACGU-CU 258
cISFV-NC_012671.1 AAGU-UUGUUG-UGAGCAUUGCCU--UGUCUACGU-CU 258
cISFV-NC_024299.2 AAGCGUUGUUG-UGAUGA-CACAU--GAGCAACGU-CU 258
cISFV-NC_027819.1 GGAUCCAUCAGCAUUCUUGG-AA--UCAU---GG-CU 258
cISFV-NC_034204.1 GGAC--UUUGGGAAAGUUUUUCAACACACGUAGCGUCU 258
cISFV-NC_034017.1 GGGC--UUUGGGAAGUUUUUCAACACACGUAGCG-CU 258
cISFV-NC_027817.1 GGAG--CUGUCAGUUUGUUUUAAGUCCA-AUUAAG-CU 258
40.....250.....260.....270.....

