```
CISFV-NC_008604.2
CISFV-NC_021069.1
CISFV-NC_012671.1
CISFV-NC_024299.2
CISFV-NC_027819.1
                           AAGGCUUGAGUUGUUUAUAAUAGUCGUUUUUUCUCGCAGAA--AUGGGAAAGGACGACGGU
                           AA--UUUCGCUACCUUAUUACCUCUGGUACUAAAGUGGCACUAUGAAGAAGAAGGA--GU
                                                                                                             56
                           UA--AUUUGCUACUUUAUUACCUCUGGUACUAACGUGGCGCUAUGAAGAAGAAGGA--GU
                           UAGACGUUUGUCACGGAAUAGCUUGAGAAGAAGCUUACU--UAUGUCAAGUAAGGAAGCA
CISFV-NC_027619.1

CISFV-NC_001564.2

CISFV-NC_005064.1

CISFV-NC_012932.1

CISFV-NC_034204.1

CISFV-NC_034017.1
                           56
                           AA--AUCAAAGGAGUUGUUCGGAAAAGUGACCUUGGUUCGUUAUGAAUAGAGGAAG--CU
                           AA--AAUCUAGAAGUUGUUUGGAAAAGAGAUAUCUGGUUCGUAUGAAUAGGAUGCU--CU
                                                                                                             56
                                                                                                             56
56
                           AU-UUUCUUUAGCGACAGAAGGAACCCAAAAAGGGAA-CCAGAUG-GAGCAAAACG-GAA
CU-AGUGUUGUUAAAAAUUUCUUUGGCGACGUACGGA-AAGUAUG-GAGCAAUCGA-GGA
cISFV-NC 027817.1
                           -U-UGAAAGGUUCAAACUCUGGUGUCCAACGUUUGUAUUAAAAUGAGUGGAUUAGGAGGC
                                 .....10.......20.......30.......40.......50.......6
CISFV-NC_008604.2

CISFV-NC_021069.1

CISFV-NC_012671.1

CISFV-NC_024299.2

CISFV-NC_001564.2

CISFV-NC_005064.1

CISFV-NC_012932.1

CISFV-NC_034204.1

CISFV-NC_034017.1

CISFV-NC_027817.1
                           AAGAAGAAGAAGGGCCCGGCUC-CUCCGGAUGGUUGUUACCACCGGGG-CGCGNNNNNN 116
                           CGGGAGUAGUGGAGAGAGGCGCGGUACGCGCCCUCCGACCAACCGUGGAGGAANNNNNN 116
                           CUGGAGUGGUGGAGAGGACGUGGAACGCGUCCUCCUGCCAAUCGUGGAGGAGNNNNNN
                           GUAAAUUAUGGGAGAAGGGAAGCUAUCC-CGCCC-CCUCCCAUUAAGGAGAAAANNNNN 116
                           CUGAAGAAGAAGGAAUUUCCCUGGGAGGAGGAAAACGGGGCUUUGAG--ANNNNNN 116
                           UGGAGGCGCGAGGAAAAGCGCCAGGGAGGGAUUUUUCCACCCCGUUCUGGGGAANNNNN 116
                           UGAAGAAGGGGCCUCCGGGCCCAACAUCCAACCGUCCGUUGGACCGCCCGNNNNNN 116
                           UGAAGAAAGGGCCUUCGGGCCAAACAUCUGGUCGGCCAUCGACCAGACCGCCGGNNNNNN
                           AGUUUUCCCGACCGGGAGGUGGUCGGCCCGGCCCAGAGAGGGGCUGGGGAAGANNNNNN 116
AGUUUUCCCGGCCGGGAGGCGGUCGGGCGGGCCCCAAAGAGGGGCUGGCGAAGANNNNNN 116
cISFV-NC_027817.1
                           CUUCUUCCCCUCCGAGGGAAGAAAAGAAGCCCCUGUGA--UACAAUCACAGGNNNNNN
                           0.......70.......80........90.......100......110.......1
CISFV-NC_008604.2

CISFV-NC_021069.1

CISFV-NC_012671.1

CISFV-NC_024299.2

CISFV-NC_001564.2

CISFV-NC_005064.1

CISFV-NC_012932.1

CISFV-NC_034204.1

CISFV-NC_034017.1

CISFV-NC_027817.1
                           NUCACCGCAAGGUGAGGGCGCACAGGAUAGA--AUCCAGGUGACU-GACGCCACCUCCCG 173
                           \label{eq:nucaccoupling} \begin{split} &\text{NUCACCGUAAGGUGAGGCCACCCCCG} \\ &\text{N-CACCGCAAGGUGAGGCGCACAGGAUCGAGUAUCCGGGUGAGU-GACGCCACCCCCG} \end{split}
                                                                                                            175
                                                                                                             174
                           N--ACCGCAAGGUGAGGGCGCACAGGACGAAAGUCCAGGGUGAGU-GACGACCCCCCCG 173
                           NAAAGGCCAUCCACGCAGGGCAACAGGAAGAAAUUCCGGGUGAUU-AGCCACACCCCCCG
                           NCUUUCAAAACUGGACGGGCAACAGGGAGAAAUCCCGGGG--UA-GCGAACCUCCUCCG
                                                                                                             173
                           170
                           N-----CUCCAGAGCAAACAAGGGAUUUAUCCUUAAGGUGAUUUGACGACCACCCUCU
                                                                                                             169
                           N----ACCUCCAGAGCAAACGAGGGAGAAAUCCCU-AGGUGAGUUGGCGACCACCCUCU
                                                                                                             170
                           N----AUGUGCAGGGCAACAAAGUUCUAACGAACUAGGGUGAGUAG-CGUCACCCCCG
                           20......130......140......150......160......170......1
                           CISFV-NC_008604.2
CISFV-NC_021069.1
CISFV-NC_012671.1
CISFV-NC_024299.2
                           -AAAUGUGUAUAGUAACA-GAGCAUGCCUGCAGCAGCAGGUCUCCACCGUUAGG-AGACU 230-AAAUGUGUAUUGUGACA-G-GCUUGCUCGCAGCAGAAUCUCCACCGUUAGG-AGAUU 231
                           -AAAUGUGUAUUGUGACA-G-GCUUGCUCGCAGCAGCAAAUCUCCACCGUUAGG-AGAUU 230
                           -AAAUGUGUAUAUAGCCC-AUGUUGAGUCUAUACAACAGGCUUCCACCGGUAGGAAGCGU
                                                                                                             231
CISFV-NC_024299.2
CISFV-NC_027819.1
CISFV-NC_001564.1
CISFV-NC_012932.1
CISFV-NC_034204.1
CISFV-NC_034017.1
CISFV-NC_027817.1
                           -AAACGUGAUUUAUAU-UGACAAGAAUCAGAUGGAAGAUCCCCACCGUUAGG-GGAUC
                                                                                                             232
                           UUAAUGUGAAAAAGUAUG-GGG-AAAGAACUCAUCUUAACCUCCCACCGUUAGGGAGUUU
                                                                                                             231
                           -UAAUGUGAAAAAGUAUG-GGGAAAAGAACCCAGCUAAAUCUCCCACCGAUAGGGAGUUU
-AAAUGUGAAAAAUUAUG-GGGAAAAGUACCCAUCUAAGCCUCCCACCGUUAGGGAGUUU
                                                                                                             228
                                                                                                             229
                           GAAAUGUUAAUAAAACUGUGCGGAA-AAAUCCAAAGACUGUCCCCACCGAUAGGGGACUU
GUAAUGUUUAAUAAGUUGUGCGGAA-AAAUCCAAAGAAUGUCCCCACCGAUAGGGGGCUU
                                                                                                             228
                                                                                                             229
                           GUUGUGAAAACGAUUGCGACUAGAACUAAAGUCGAGAGUCUCCCCACCGAUAGGGGAGCU
                                                                                                             230
                           80......190......200.......210.......220.......230.......2
CISFV-NC_008604.2

CISFV-NC_021069.1

CISFV-NC_012671.1

CISFV-NC_024299.2

CISFV-NC_027819.1

CISFV-NC_001564.2

CISFV-NC_005064.1

CISFV-NC_012932.1

CISFV-NC_034204.1

CISFV-NC_034017.1

CISFV-NC_027817.1
                           UG-UUGCGGGCAAGCUCUUGUUCACGU-CU 258
UG-UUGUGAGCAUUG-CUUGUCUACGU-CU 258
UG-UUGUGAGCAUUGCCUUGUCUACGU-CU 258
                           UG-UUGUGAUGACACAUGAG-CAACGU-CU
                           CA-U--CCAGCAUUCUUGGAAUCAUGG-CU
                                                                    258
                           UGAUUAUCUUUUCUAUACCAUAGAUGC---
                                                                     258
                           GGACUAUCUUUUCUAUACCAUAAAUGCGCU
GGAAUACCUUUUCUAUACCAUAGAUGCGC-
                                                                     258
                                                                     258
                           UGGGAAAGUUUUUCAACACACGUAGCGUCU
                                                                     258
                           UGGGAAAGUUUUUCAACACACGUAGCG-CU
                                                                     258
                           CGUCAGUUUGUUUUAGUCCAAUUA-CG-CU
                           40......250......260.....
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