

## Black beetle virus test

**Original sequence:**

UUUUUAGAAACAAAACAAAGGAGGAAACUUAAGAGACGCUAAGAAUGUUUUUUGGAGAAACACAGUACCCGACAGGUAUUGGAGUAGGUGGUGGCGGUGGUGGUGUAGUGUACGUAUACAA  
UUUUUGGGGCUUUUUUGGGGCAUUUGCGCCUUUUUUCACAGUUGAGGAGGACGAGUUAUUGAGCGGCAUUUUGAGUUUUAUAAACAAAGGACGACCCUUAAGACAGUUUUUUUUUUUCCGCUUAGACGCUUUGGAGUAGCGU  
CCUUAAGCGUGCGUAGACACGGGCAUGCCGUUUUACGGGGCCUACUGUAGUCCGACAGUCGUUUUUGAGUCAGCAGUCCUACCGGCCUUGGAGGUAUCCAAUUUGAGGUACAACCCCAACCCAAUUCUACGAGCUGACGUGCGAA  
CCAUUUUCCACUUGCGUGGUGUAGUUUUUGCGCAGAAUUUUCCGAGAACACACCCUUGGCGGUAUGGCGUUAUUGGUGUUGUAGUUUUUUUUGUACCGACGCGUAGUGUGUUUUUAGACAGCUGGUGCCUAGUAGUU  
UACACCUUUUAACCCGAGAAAGUAGCGGCUUUUUGAUGCGUACGACCUUACCAUUUAAGAAUUAUUGGUUGAAUUAUGUUGUAGUGGUGGAGGACGAGUUGGUGUACCUUAGUUUGGUAUUGGUGCGAGUGGUGUAGUU  
AUGCGUAGCAGAGUCCUAGCUGACGAGGGAAGUGUUUUUUAACAAUUGGAGUAGUGGUGUUGGAGAAUGGUGGUUUAUAAAUUCCAUUUGGAGUAGCGUGGACGUAUGUGUCCAGAGUGGUGUAGCUUUUUAAC  
UUUUCGCAAAUUGAUUUUUUGCGGCUUUUAUUGGAAUUUUAAGCAUACACUACGUGCGGAAACGAAACGUGUAGAAUUAACGACGAGCAAAACCUUUGUUGAAGACAUUUGGUAUUGGAGUAGCGAGCAAGAAUACUGCGU  
UUUCCAUUGGUGAGAAAGGGGAGCAUGCUUAGUUUACCUUACGAGAAAGAAUUGUUGAAUUGUUCUGCGAAUUUUCGCGACCAUUCGCUAACGCUUGCAUGUUGGCUUUAUGGUAUUGGAGUAGGACAAAGGACCCGAUAAUUCU  
GUCCAGUAUUUUUACUGGCAAGGUAAGUUGUACCAUUUAGUCCAAUUGUUAUUAAACUUAUUGUAAACUCCGACGCGUCCUACGCGCAUAAACGAGCAGUAGCGUAGCAGUACGAGUAGGCGGCGGCAUACACUGCCUAGU  
GUGACGUUAUGAUGUAGCCAAUUGUACAAGCGCUGGAAACAAUGCGUAUAAUUAAGCUGAGUAGGACUUUUUUGGCCAAUGAAUUAAGAAACGACGACGAUUGCCAAAUUAGCGGCAAGUUUUUUUUAAUUGUAUGU  
GGCCAUUUUCAAAGUUGUAGCCUUUUGCGUAUUGAGAAACAAUUAAGCGGCUUUAUUAACCGUCCCAACAAUACCAUUAAGGCGGCUUUUUGGAAUUGUUGGAGUGCAACUUGUCAAUUGUUAUGUUGUUUCAAUAAAGAC  
AACCGGAUUGAAAUUUAJCGCGGAAUAAUUCGGUUUUUUCGACAGAUUUUUUAUCUUAAGUUUUUUCGAAUUGUUAUUCGAAUUGUUAUUCUACUAGCGGCAAAUUGGUUUAUUUUCGCGGCGGAGCC  
GACUGAGAUCCCGGACGGUGUUUUGUAGUUUUUGUUAUGUUAUGACGUGUAGCUUUAUGAAGAACUGUACUUCUUAUUUUAUGUAGGACGGUUUUUCCAGUGGUAUGCAAGAAACUUGCGCCAAAGGCGUUGUUAAGCAUUAUC  
CCGAAUUAACAGAGUAGGAGUACUUUUAUCUACUGGACGAUUAUCAAUUUGUAGUAGCUAAGUUAAGCUUUGUUUUUCCGUAUUGUAGGCGUGGUGUAGGCGUUUAAAGUUGAAGUUAUCAAACACCAACGCAUUAACCCAAUUC  
UAUGAUGUUGGUGAAUUUAACAGCUGGACUUGUUGAGCAUUCUGUAGUAGCUGAAGCUAAUUGUUCGGUUUAUUAUGGACGAGUGCGGUGUAGUUGGCUUUUCCGGGCAUUAUAAAUUAUUAUUGCGGUGCGAAG  
UUUUUGGCGCGCAACUCAAAGUUGAAGCAAGAAUUCAGGAGAUUGGCUUUUUUUCGUGUUAUGUUGUAGGACCGCGUCCCAUUCAGCACAACUUAACGAGACCCACUGGUAUUGCGGAAACUUAUUAUACAA  
GAGAUUACCAAGCAUUAUUGAGUAGUGCGGCGUGACGAGCGUAGGCACUUCUUGCUGUAGCGGCUUUAUCUGUUUUAUGGAAUUGUUAAGAAUUGUUAUUGGUAUUGUACGUGGCGGCGACUUCUUAUUGAGCAGUA  
GGAACCAAGGUAUUGCGGAAUUAAGAGAGGCGUACUUGUUGUAGUAGCAGUUAUGGCGGCAACAGUCCGCAAGACCCAUUUUAUGAUGAAGUUUUUAUUAACACGUAAGCAGCAUUGAGGAAGUACGUGUAGUGCUG  
CAUUUGGGGCUUUUUGCCGCAUUAUGAAGGAUUGUUGGAGAGAAUUUACAUAGCAGGAGGAGGCGCCGUCGUGUAGCUUUUAUGAAGAGCGGCUUGCGCCGACUUCUUAACGAGUUAUUAACGAGUCCAA  
CGAAUCGCGGCUUUAUUCAGGAAAUUUCGCGACGUAUUAACAAACGGGUGGAGCGACGAUUGGAUAGUACUUAAGAGCAGCGACGAAACAGUGCGGAGGACGUGACACUUGCGUUGGCUUUAACAGGCAAAUUAACGG  
UAUGUGGUGUUGUUAUUAUUAUUGCUGGAGAAACCAACGUGGGUGCAUUCUAGUAGGAGAAAGCGCCGAGGAGGAGAAACCAACAUUAAGAACGCUUCCGAAGCGUGAGCUGACGCAACGCUUCCAAACCGGAAGUGACC  
CCCCCCCCAAUUCGUAGGUGGCUUUAAGAGGACCCCAACGUUUAUUGCCGAAAGGCGGAGAGGU

**Test result: BLUE parts are correctly clustered regions**

[illegible]