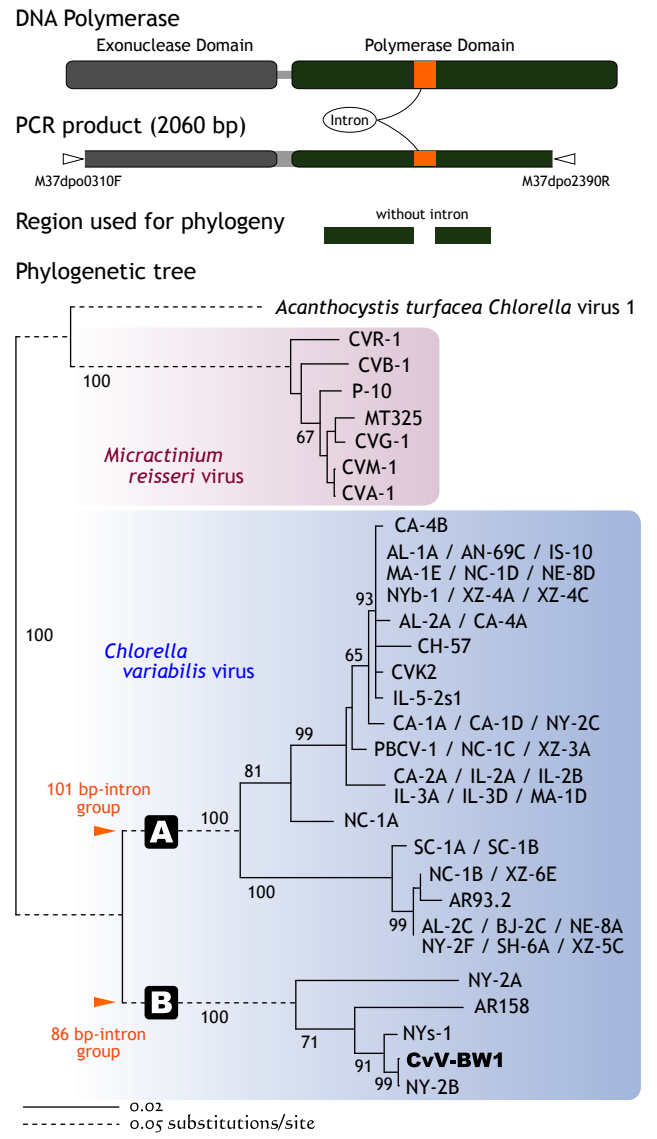
DNA Polymerase
Exonuclease Domain
Polymerase Domain
PCR product (2060 bp)
Intron
M37dpo0310F
M37dpo2390R
Region used for phylogeny
without intron
Phylogenetic tree
Acanthocystis turfacea Chlorella virus 1
CVR-1
CVB-1
P-10
MT325
CVG-1
CVM-1
CVA-1
100
67
Micractinium reisseri virus
CA-4B
AL-1A / AN-69C / IS-10
MA-1E / NC-1D / NE-8D
NYb-1 / XZ-4A / XZ-4C
AL-2A / CA-4A
CH-57
CVK2
IL-5-2s1
CA-1A / CA-1D / NY-2C
PBCV-1 / NC-1C / XZ-3A
CA-2A / IL-2A / IL-2B
IL-3A / IL-3D / MA-1D
NC-1A
SC-1A / SC-1B
NC-1B / XZ-6E
AR93.2
AL-2C / BJ-2C / NE-8A
NY-2F / SH-6A / XZ-5C
NY-2A
AR158
NYs-1
CvV-BW1
NY-2B
93
65
99
81
100
100
99
71
91
99
Chlorella variabilis virus
101 bp-intron group
A
86 bp-intron group
B
0.02
0.05 substitutions/site