Table 1: Viral Subject

| Reference taxonomy | Viral subject |
| --- | --- |
| Adintoviridae | FtsK [Terrapene box turtle adintovirus] |
| Alloherpesviridae | ribonucleotide reductase subunit 2 [Cyprinid herpesvirus 1] |
| Allomimiviridae | DNA polymerase family B [Tetraselmis virus 1] |
| Allomimiviridae | hypothetical protein QKU58\_gp036 [Pyramimonas orientalis virus] |
| Ascoviridae | DNA polymerase, partial [Trichoplusia ni ascovirus 2a] |
| Ascoviridae | 125.8 kDa Delta DNA Polymerase [Spodoptera frugiperda ascovirus 1a] |
| Ascoviridae | hypothetical protein TNAV2c\_gp089 [Trichoplusia ni ascovirus 2c] |
| Baculoviridae | RR2b [Lymantria xylina nucleopolyhedrovirus] |
| Baculoviridae | ribonucleotide reductase small subunit homolog [Lymantria dispar multiple nucleopolyhedrovirus] |
| Baculoviridae | RR2B [Spodoptera litura nucleopolyhedrovirus] |
| Baculoviridae | DNA polymerase [Spodoptera litura granulovirus] |
| Baculoviridae | DNA polymerase [Epinotia aporema granulovirus] |
| Baculoviridae | DNA polymerase [Choristoneura rosaceana nucleopolyhedrovirus] |
| Baculoviridae | DNA polymerase [Neodiprion abietis nucleopolyhedrovirus] |
| Baculoviridae | RR2B [Olene mendosa nucleopolyhedrovirus] |
| Baculoviridae | RR2B [Spodoptera littoralis nucleopolyhedrovirus] |
| Hytrosaviridae | DNA polymerase-like protein [Glossina pallidipes salivary gland hypertrophy virus] |
| Hytrosaviridae | ribonucleoside diphosphate reductase small subunit, rr2 [Musca domestica salivary gland hypertrophy virus] |
| Iridoviridae | 042L [Cherax quadricarinatus iridovirus] |
| Iridoviridae | putative DNA polymerase [Infectious spleen and kidney necrosis virus] |
| Iridoviridae | ORF\_052R [Scale drop disease virus] |
| Iridoviridae | hypothetical protein BZK12\_gp016 [Lymphocystis disease virus Sa] |
| Iridoviridae | DNA polymerase [Ranavirus maximus] |
| Mimiviridae | ABC transporter [Fadolivirus algeromassiliense] |
| Mimiviridae | RNAse l inhibitor RLI1 [Fadolivirus algeromassiliense] |
| Mimiviridae | ABC transporter type 1 transmembrane domain [Fadolivirus algeromassiliense] |
| Mimiviridae | DNA-directed DNA polymerase family B [Fadolivirus algeromassiliense] |
| Mimiviridae | rab domain-containing protein [Bodo saltans virus] |
| Mimiviridae | multidrug export ATPase/permease [Bodo saltans virus] |
| Mimiviridae | mimivirus elongation factor aef-2 [Tupanvirus deep ocean] |
| Mimiviridae | ABC transporter protein [Bodo saltans virus] |
| Mimiviridae | putative DNA-dependent DNA polymerase family B precursor [Cafeteria roenbergensis virus BV-PW1] |
| Mimiviridae | putative ATP-dependent RNA helicase [Tupanvirus deep ocean] |
| Mimiviridae | Rab-like GTPase [Bodo saltans virus] |
| Mimiviridae | rab family small GTPase [Tupanvirus deep ocean] |
| Mimiviridae | B-family DNA polymerase [Moumouvirus australiensis] |
| Mimiviridae | ATP binding cassette sub family F [Tupanvirus soda lake] |
| Mimiviridae | HrpA-like helicase [Tupanvirus soda lake] |
| Nudiviridae | DNA polymerase [Penaeus monodon nudivirus] |
| Orthoherpesviridae | F-UL30 DNA polymerase [Chelonid alphaherpesvirus 5] |
| Orthoherpesviridae | DNA polymerase catalytic subunit [Myotis gammaherpesvirus 8] |
| Orthoherpesviridae | DNA polymerase catalytic subunit [Hawaiian green turtle herpesvirus] |
| Orthoherpesviridae | DNA polymerase catalytic subunit [Common bottlenose dolphin gammaherpesvirus 1 strain Sarasota] |
| Orthoherpesviridae | DNA polymerase [Human betaherpesvirus 6B] |
| Orthoherpesviridae | DNA polymerase catalytic subunit [Panine betaherpesvirus 2] |
| Orthoherpesviridae | orf9 [Alcelaphine gammaherpesvirus 2] |
| Orthoherpesviridae | DNA polymerase [Bovine gammaherpesvirus 6] |
| Orthoherpesviridae | DNA polymerase catalytic subunit [Elephantid betaherpesvirus 1] |
| Orthoherpesviridae | DNA polymerase catalytic subunit [Canid alphaherpesvirus 1] |
| Orthoherpesviridae | DNA polymerase [Elephant endotheliotropic herpesvirus 3A] |
| Orthoherpesviridae | DNA polymerase catalytic subunit [Wood mouse herpesvirus] |
| Orthoherpesviridae | DNA polymerase [Ateline gammaherpesvirus 3] |
| Orthoherpesviridae | DNA polymerase catalytic subunit [Saimiriine betaherpesvirus 4] |
| Orthoherpesviridae | DNA polymerase catalytic subunit [Elephant endotheliotropic herpesvirus 5] |
| Orthoherpesviridae | DNA polymerase catalytic subunit [Cebine betaherpesvirus 1] |
| Orthoherpesviridae | DNA polymerase catalytic subunit [Human betaherpesvirus 5] |
| Orthoherpesviridae | DNA polymerase catalytic subunit [Aotine betaherpesvirus 1] |
| Orthoherpesviridae | DNA polymerase catalytic subunit [Cervid alphaherpesvirus 2] |
| Orthoherpesviridae | DNA polymerase [Bovine gammaherpesvirus 4] |
| Peduoviridae | signal recognition particle protein, partial [Escherichia phage 500465-1] |
| Phycodnaviridae | putative DNA polymerase [Yellowstone lake phycodnavirus 1] |
| Phycodnaviridae | B-family DNA polymerase [Heterosigma akashiwo virus 01] |
| Phycodnaviridae | hypothetical protein NY2A\_B249R [Paramecium bursaria Chlorella virus NY2A] |
| Phycodnaviridae | DNA polymerase [Ostreococcus tauri virus 2] |
| Phycodnaviridae | putative DNA polymerase [Yellowstone lake phycodnavirus 2] |
| Phycodnaviridae | DNA polymerase, partial [Chrysochromulina brevifilum virus PW1] |
| Phycodnaviridae | hypothetical protein APZ24\_gp208 [Ostreococcus lucimarinus virus 2] |
| Phycodnaviridae | DNA polymerase B [Chrysochromulina ericina virus] |
| Phycodnaviridae | hypothetical protein AR158\_C230-34R [Paramecium bursaria Chlorella virus AR158] |
| Phycodnaviridae | EsV-1-93 [Ectocarpus siliculosus virus 1] |
| Phycodnaviridae | DNA polymerase [Micromonas pusilla virus 12T] |
| Phycodnaviridae | hypothetical protein OTV1\_208 [Ostreococcus tauri virus 1] |
| Phycodnaviridae | hypothetical protein C5Y57\_gp209 [Dishui lake phycodnavirus 1] |
| Phycodnaviridae | ABC transporter [Paramecium bursaria Chlorella virus 1] |
| Phycodnaviridae | putative DNA polymerase delta catalytic subunit [Emiliania huxleyi virus 86] |
| Poxviridae | guanylate kinase [NY\_014 poxvirus] |
| Poxviridae | CPXV051 protein [Cowpox virus] |
| Poxviridae | guanylate kinase [Akhmeta virus] |
| Poxviridae | Ribonucleotide reductase small subunit [Eptesipox virus] |
| Poxviridae | guanylate kinase [Murmansk poxvirus] |
| Poxviridae | ribonucleotide reductase small subunit [Yokapox virus] |
| Poxviridae | Ribonucleotide reductase small subunit [Deerpox virus W-848-83] |
| Poxviridae | ribonucleotide reductase, small subunit [Myxoma virus] |
| Poxviridae | ribonucleotide reductase small subunit [Volepox virus] |
| Poxviridae | ribonucleotide reductase small subunit [NY\_014 poxvirus] |
| Retroviridae | p21 v-has transforming protein [Harvey murine sarcoma virus] |
| Schizomimiviridae | ABC transporter [Aureococcus anophagefferens virus] |
| Schizomimiviridae | translation elongation factor [Aureococcus anophagefferens virus] |
| unclassified | GTP binding nuclear protein Ran [Acanthamoeba castellanii medusavirus] |
| unclassified | ABC transporter [Pithovirus sibericum] |
| unclassified | DNA polymerase delta catalytic subunit [Cedratvirus A11] |
| unclassified | DNA polymerase type-B [Pandoravirus quercus] |
| unclassified | DNA polymerase [Acanthamoeba castellanii medusavirus] |
| unclassified | B-family DNA polymerase [Mollivirus sibericum] |
| unclassified | helicase [Pandoravirus dulcis] |
| unclassified Uroviricota | ABC transporter [Escherichia phage ev207] |
| unclassified Uroviricota | ABC transporter [Bacillus phage SPBc2] |
| unclassified Uroviricota | ABC transporter [Escherichia phage 1H12] |
| unclassified Uroviricota | DNA polymerase elongation subunit [Salinibacter phage SRUTV-1] |
| unclassified Uroviricota | helicase [Acinetobacter phage vB\_AbaM\_ME3] |
| unclassified Uroviricota | DNA polymerase [Stenotrophomonas phage Mendera] |