



2022 taxonomic update of phylum *Negarnaviricota* (*Riboviria*: *Orthornavirae*), including the large orders *Bunyavirales* and *Mononegavirales*

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Abstract

In March 2022, following the annual International Committee on Taxonomy of Viruses (ICTV) ratification vote on newly proposed taxa, the phylum *Negarnaviricota* was amended and emended. The phylum was expanded by two new families (bunyaviral *Discoviridae* and *Tulasviridae*), 41 new genera, and 98 new species. Three hundred forty-nine species were renamed and/or moved. The accidentally misspelled names of seven species were corrected. This article presents the updated taxonomy of *Negarnaviricota* as now accepted by the ICTV.

Introduction

The phylum *Negarnaviricota* was established in 2019 by the International Committee on Taxonomy of Viruses (ICTV) for negative-sense RNA viruses that can be connected evolutionarily through the possession of virally encoded RNA-directed RNA polymerases (RdRps). The phylum includes two subphyla, *Haploviricotina* and *Polyploviricotina*, for negative-sense RNA viruses that encode RdRps with or without mRNA capping activity, respectively. The two subphyla include four classes (*Chunquiviricetes*, *Milneviricetes*, *Monjiviricetes*, and *Yunchangviricetes*) and two classes (*Ellioviricetes* and *Insthoviricetes*), respectively [33, 59, 74]. The phylum was last amended/emended in 2021 [34]. Here, we present the changes that were proposed to the phylum via official taxonomic proposals (TaxoProps) in 2021 and accepted by the ICTV in March and May 2022 [23, 70]. These changes are now part of the official ICTV taxonomy [24].

Taxonomic changes in subphylum *Haploviricotina*

Chunquiviricetes

The names of all species in the class were changed to binomials as required by the recently amended International Code of Virus Classification and Nomenclature (ICVCN) [25, 69, 81] (TaxoProp 2021.018M.R.Negarnaviricota_sprename).

Milneviricetes

The names of all species in the class were changed to binomials as required by the recently amended ICVCN [25, 69, 81] (TaxoProp 2021.014P.R.Aspiviridae_rename).

Monjiviricetes

Family *Aliusviridae*

The species name *Olluvirus shayangense* was corrected to *Ollusvirus shayangense* (TaxoProp 2021.042M.R.Corrections_Riboviria_Duplodnaviria).

Family *Artoviridae*

The names of all species in the family were changed to binomials as required by the recently amended ICVCN [25, 69, 81] (TaxoProp 2021.009M.R.Artoviridae_sprename).

Genus *Peropuvirus* was expanded by one new species, *Peropuvirus melongenae*, for *Solanum melongena* rhabdovirus-like virus (SmRLV) identified in a metagenomic study of eggplant (*Solanum melongena* L.) leaf tissue sampled in Zhènjiāng (镇江市), Jiāngsū Province (江苏省), China [78] (TaxoProp 2021.029M.R.Peropuvirus_1nsp).

Family *Bornaviridae*

The names of all species in the family were changed to binomials as required by the recently amended ICVCN [25, 69, 81] (2021.010M.R.Bornaviridae_sprename).

Genus *Orthobornavirus* was expanded by one new species, *Orthobornavirus caenophidiaie*, for Caribbean water-snake bornavirus (CWBV) and Mexican black-tailed rattlesnake bornavirus (MRBV) identified in archived raw transcriptomic read data of a Caribbean watersnake (colubrid *Tretanorhinus variabilis* A.M.C. Duméril, Bibron & A.H.A.

Duméril, 1854) and a Mexican black-tailed rattlesnake (vip-
erid *Crotalus molossus nigrescens* Gloyd, 1936), respectively
[49] (TaxoProp 2021.021M.R.Orthobornavirus_1nsp).

Family *Filoviridae*

Family *Filoviridae* was expanded by two genera:

- genus *Oblavirus* was established to include one new species, *Oblavirus percae*, for Oberland virus (OBLV) discovered by high-throughput sequencing (HTS) in European perch (percid *Perca fluviatilis* Linnaeus, 1758) sampled in Switzerland [20] (TaxoProp 2021.011M.R.Filoviridae_1ngen_3nsp); and
- genus *Tapjovirus* was established to include one new species, *Tapjovirus bothropsis*, for Tapajós virus (TAPV) discovered in sequence read archive (SRA) data obtained from a common lancehead (vip-erid *Bothrops atrox* (Linnaeus, 1758)) sampled in Brazil [21] (TaxoProp 2021.005M.R.Filoviridae_1ngen_1nsp).

Genus *Thamnovirus* was expanded by two new species, *Thamnovirus percae* for Fiwi virus (FIWIV) and *Thamnovirus kanderense* for Kander virus (KNDV), both discovered by HTS in European perch (percid *Perca fluviatilis* Linnaeus, 1758) sampled in Switzerland [20] (TaxoProp 2021.011M.R.Filoviridae_1ngen_3nsp).

Family *Lispiviridae*

Family *Lispiviridae* was thoroughly revised (TaxoProp 2021.016M.R.Lispiviridae_16ngen_13nsp):

- in genus *Arlivirus*, species *Lishi arlivirus* was renamed *Arlivirus arachnae*. Species *Gerrid arlivirus*, *Hubei arlivirus*, *Odonate arlivirus*, *Tacheng arlivirus*, and *Wuchang arlivirus* were renamed *Sanstrivirus gerridis*, *Leocovirus coleopteris*, *Damravirus dentatis*, *Ganiavirus tachengense*, and *Nematovirus wuchangense*, respectively, and moved into the newly created genera *Sanstrivirus*, *Leocovirus*, *Damravirus*, *Ganiavirus*, and *Nematovirus*, respectively;
- genus *Anicalvirus* was created to include the new species *Anicalvirus hangzhouense* for Anisopteromalus caland-
rae negative-strand RNA virus 2 (AcNSRV-2) discovered by HTS in a parasitoid wasp (pteromalid *Anisoptero-
malus calandreae* (Howard, 1881)) sampled in Hángzhōu (杭州市), Zhèjiāng Province (浙江省), China [72];
- genus *Anidravirus* was created to include the new spe-
cies *Anidravirus hangzhouense* for Anisopteromalus caland-
rae negative-strand RNA virus 1 (AcNSRV-1) discovered by HTS in parasitoid wasps (pteromalid *Anisoptero-
malus calandreae* (Howard, 1881)) sampled
in Hángzhōu (杭州市), Zhèjiāng Province (浙江省),
China [72];
- genus *Copasivirus* was created to include two new spe-
cies:
 - *Copasivirus manlyvaleense* for Jimsystemes virus (JIMV) discovered by HTS in termites (termitid *Occasitermes* sp.) sampled in Manly Vale, New South Wales, Australia [35]; and
 - *Copasivirus ivindoense* for isopteran arli-related virus OKIAV103 (IARV-103) discovered by HTS in termites (rhinotermitid *Coptotermes* sp.) sampled in Ivindo National Park (Parc national d'Ivindo), Ogooué-Ivindo Province, Gabon [27];
- genus *Cybitervirus* was created to include new species *Cybitervirus niederense* for coleopteran arli-related virus OKIAV107 (CARV-107) discovered by HTS in beetles (dytiscid *Cybister lateralimarginalis* (De Geer, 1774)) sampled in Lüchow-Dannenberg, Lower Saxony (Niedersachsen), Germany [27];
- genus *Phelinovirus* was created to include new species *Phelinovirus aphidis* for hymenopteran arli-related virus OKIAV99 (HARV-99) discovered by HTS in parasitoid wasps (aphelinid *Aphelinus abdominalis* (Dalman, 1820)) in laboratory culture samples of unknown geo-
graphical origin [27];
- genus *Rivapovirus* was created to include new species *Rivapovirus aleyrodidae* for hemipteran arli-related virus OKIAV94 (HARV-94) discovered by HTS in greenhouse whiteflies (aleyrodid *Trialeurodes vaporariorum* Westwood, 1856) of commercial laboratory cultures sampled in Brandenburg, Germany [27];
- genus *Stylovirus* was created to include new species *Stylovirus niederense* for strepsipteran arli-related virus OKIAV104 (SARV-104) discovered by HTS in endo-
parasitic insects (stylopid *Stylops melittae* Kirby, 1802) sampled in Osnabrück, Lower Saxony (Niedersachsen), Germany [27];
- genus *Supelovirus* was created to include the new species *Supelovirus thailandense* for blattodean arli-related virus OKIAV102 (BARV-102) discovered by HTS in brown-
banded cockroaches (ectobiid *Supella longipalpa* Fabricius, 1798) of laboratory culture samples originating from Thailand [27];
- genus *Synelinevirus* was created to include two new spe-
cies:
 - *Synelinevirus paranaense* for *Linepithema humile* rhabdo-like virus 1 (LhuRLV-1) 1 discovered by HTS in Argentine ants (dolichoderine *Linepithema*

- humile* (Mayr, 1868)) sampled in Catalonia (Cataluña), Spain [68]; and
- o *Synelinevirus bonnense* for hymenopteran arli-related virus OKIAV98 (HARV-98) discovered by HTS in gall wasps (cynipid *Synergus umbraculus* Walker, 1874) sampled in Bonn, North Rhine-Westphalia (Nordrhein-Westfalen), Germany [27];
 - genus *Usmuvirus* was created to include the new species *Usmuvirus newyorkense* for Amsterdam virus (AMSV) discovered by HTS in house mice (murid *Mus musculus* Linnaeus, 1758) sampled in New York, New York, USA [73]; and
 - genus *Xenophyavirus* was created to include the new species *Xenophyavirus mathesonense* for hemipteran arli-related virus OKIAV95 (HARV-95) discovered by HTS in moss bugs (peloridiid *Xenophyes metoponcus* Burckhardt, 2011) sampled in Lake Matheson, South Island Westland District, New Zealand [27].

Family Mymonaviridae

Genus *Auricularimonavirus* was expanded by one new species, *Auricularimonavirus bondarzewiae*, for *Bondarzewia berkeleyi* negative-strand RNA virus 1 (BbNSRV-1) discovered by HTS in stump blossoms (bondarzewiacean *Bondarzewia berkeleyi* (Fr.) Bondartsev & Singer (1941)) [65] (TaxoProp 2021.041M.R.Mymonaviridae_5nsp).

Genus *Botrytimonavirus* was expanded by one new species, *Botrytimonavirus alphabotrytidis*, for *Botrytis cinerea* negative-stranded RNA virus 5 (BcNSRV-5) and *Sclerotinia sclerotiorum* negative-stranded RNA virus 10 (SsNSRV-10) discovered in metatranscriptomes of sclerotiniacean fungi (*Botrytis cinerea* Pers. (1794) and *Sclerotinia sclerotiorum* (Lib.) de Bary (1884) sampled in Italy/Spain and China, respectively) [26, 53] (TaxoProp 2021.041M.R.Mymonaviridae_5nsp). *Sclerotinia sclerotiorum* negative-stranded RNA virus 11 (SsNSRV-11) discovered in a *Sclerotinia sclerotiorum* (Lib.) de Bary (1884) metatranscriptome dataset [26] was assigned to the already established species *Botrytimonavirus botrytidis* (TaxoProp 2021.041M.R.Mymonaviridae_5nsp).

Genus *Sclerotimonavirus* was expanded by three new species (TaxoProp 2021.041M.R.Mymonaviridae_5nsp):

- *Sclerotimonavirus alphabotrytidis* for *Botrytis cinerea* negative-stranded RNA virus 3 (BcNSRV-3) and *Sclerotinia sclerotiorum* negative-stranded RNA virus 9 (SsNSRV-9) discovered in metatranscriptomes of sclerotiniacean fungi (*Botrytis cinerea* Pers. (1794) and *Sclerotinia sclerotiorum* (Lib.) de Bary (1884) sampled in Italy/Spain and China, respectively) [26, 53];

- *Sclerotimonavirus betabotrytidis* for *Botrytis cinerea* negative-stranded RNA virus 4 (BcNSRV-4), discovered in the metatranscriptome of a sclerotiniacean fungus (*Botrytis cinerea* Pers. (1794)) sampled in Italy/Spain [53]; and
- *Sclerotimonavirus cryphonectriae* for *Cryphonectria parasitica* sclerotimonavirus 1 (CpSV-1), discovered by HTS in a cryphonectriacean fungus (*Cryphonectria parasitica* (Murrill) M. E. Barr (1978)) sampled in Azerbaijan [18].

Family Nyamiviridae

The names of all species in the family were changed to binomials as required by the recently amended ICVCN [25, 69, 81] (TaxoProp 2021.020M.R.Nyamiviridae_sprename).

Genus *Formivirus* was expanded by one new species, *Formivirus solenopsi*, for *Solenopsis invicta* virus 15 (SoINV-15) identified in the transcriptome of red fire ants (myrmicine *Solenopsis invicta* Buren, 1972) sampled in the US and Taiwan [77] (TaxoProp 2021.019M.R.Nyamiviridae_3nsp).

Genus *Nyavirus* was expanded by two new species (TaxoProp 2021.019M.R.Nyamiviridae_3nsp):

- *Nyavirus argatis*, for Sekira virus (SEKRV) identified in the RNA virome of a pool of ticks (argasid *Argas japonicus* Yamaguti, Clifford and Tipton, 1968) sampled in Mishima (三島市), Shizuoka Prefecture (静岡県), Japan [28]; and
- *Nyavirus somateriae* for Jeremy Point nyavirus (JPNV) identified in the spleen of a common eider (anatid *Somateria mollissima* (Linnaeus, 1758)) collected at Jeremy Point, Massachusetts, USA, in 2013 (unpublished; GenBank: MN045233).

Family Paramyxoviridae

Genus *Jeilongvirus* was expanded by eight new species (TaxoProp: 2021.014M.R.Jeilongvirus_8nsp):

- *Jeilongvirus anhuiense* for *Miniopterus schreibersii* paramyxovirus (MisPV) discovered by HTS in Schreibers's long-fingered bats (miniopterid *Miniopterus schreibersii* (Kuhl, 1817)) sampled in China [75];
- *Jeilongvirus apodemi* for rodent paramyxovirus (RoPV) discovered by HTS in a Korean field mouse (murid *Apodemus peninsulae* (Thomas, 1907)) sampled in China [76];
- *Jeilongvirus comorosense* for bat paramyxovirus 16797 (BatPV-1) identified in a Comoran long-fingered bat (miniopterid *Miniopterus griveaudi* Harrison, 1959) sampled in Comoros (unpublished; GenBank: MG203877);

- *Jeilongvirus erinacei* for belerina virus (BeV) discovered by HTS in West European hedgehogs (erinaceid *Erinaceus europaeus* Linnaeus, 1758) sampled in Belgium [66];
- *Jeilongvirus felis* for feline paramyxovirus (FPaV) identified in domestic cats (feline *Felis catus* Linnaeus, 1758) sampled in Germany [55, 61];
- *Jeilongvirus madagascarensis* for bat paramyxovirus 17770 (BatPV-2) identified in a Comoran long-fingered bat (miniopterid *Miniopterus griveaudi* Harrison, 1959) sampled in Madagascar (unpublished; GenBank: MG203878);
- *Jeilongvirus murinae* for bat paramyxovirus (BatPV-3) identified in a greater tube-nosed bat (vespertilionid *Murina leucogaster* (Milne-Edwards, 1872) sampled in China [75]; and
- *Jeilongvirus rungweense* for ruloma virus (RulV) detected by HTS in a Machangu's brush-furred rat (murid *Lophuromys machangui* Verheyen, Hulselmans, Dierckx, Mulungu, Leirs, Corti & Verheyen, 2007) sampled in Rungwe District, Mbeya Region, Tanzania [67].

Family *Rhabdoviridae*

The names of all species in the family were changed to binomials as required by the recently amended ICVCN [25, 69, 81] (TaxoProps 2021.036M.R.Rhabdoviridae_sprename, 2021.042M.R.Corrections_Riboviria_Duplodnaviria, and 2021.043M.R.Corrections_Mononegavirales_Bunyavirales).

Five new genera were created and included in the subfamily *Alpharhabdovirinae*:

- genus *Amplivivirus*, including one novel species, *Amplivivirus cinereus*, for frog lyssa-like virus 1 (FLLV-1) detected in an American green tree frog (hylid *Dryophytes cinereus* (Schneider, 1799)) (unpublished; GenBank: MK473367) (2021.035M.R.Rhabdoviridae_2ngen_2nsp);
- genus *Cetarhavirus* for two new species (2021.003M.R.Alpharhabdovirinae_3ngen_7nsp):
 - *Cetarhavirus laganorhynchus* for dolphin rhabdovirus (DRV) isolated from a white-beaked dolphin (delphinid *Lagenorhynchus albirostris* (Gray, 1846)) sampled in Schiermonnikoog, Friesland, Holland [45]; and
 - *Cetarhavirus phocoena* for harbour porpoise rhabdovirus (HPRV) isolated from a harbour porpoise (phocoenid *Phocoena phocoena* (Linnaeus, 1758)) stranded off the coast of Alaska [15];
- genus *Replivivirus*, including one novel species, *Replivivirus allogus*, for anole lyssa-like virus 1 (ALLV-1) identified in RNaseq data from a Spanish flag anole (dactyloid *Anolis allogus* Barbour & Ramsden, 1919) [22] (2021.035M.R.Rhabdoviridae_2ngen_2nsp);
- genus *Siniperhavirus* for two new species (2021.003M.R.Alpharhabdovirinae_3ngen_7nsp):
 - *Siniperhavirus chuatsi* for *Siniperca chuatsi* rhabdovirus (SRCV) isolated from mandarin fish (siniperid *Siniperca chuatsi* (Basilewsky, 1855)) collected in Guangdong Province (广东省), China [86, 87]; Chinese rice-field eel rhabdovirus (CrERV) isolated from Chinese ricefield eels (synbranchid *Monopterus albus* (Zuiew, 1793)) sampled in Qiánjiāng (潜江市), Húběi Province (湖北省), China [38]; hybrid snakehead rhabdovirus (HSHRV) isolated from hybrid snakehead (chanid *Channa maculata* × *Channa argus*) sampled in Fóshān (佛山市), Guǎngdōng Province (广东省), China [80]; and *Micropterus salmoides* rhabdovirus (MSRV) isolated from largemouth bass (centrarchid *Micropterus salmoides* (Lacépède, 1802)) sampled in Yúháng (余杭区), Zhèjiāng Province (浙江省), China [40]; and
 - *Siniperhavirus zoarces* for harbour eelpout rhabdovirus (EPRV) detected by HTS in eelpout (zoarcid *Zoarces viviparus* (Linnaeus, 1758)) near Stockholm, Sweden [2];
- genus *Scophrhavirus* for two new species (2021.003M.R.Alpharhabdovirinae_3ngen_7nsp):
 - *Scophrhavirus chanodichthys* for Wuhan redfin culter dimarhabdovirus (WhRFCRV) detected by high-throughput sequencing in redfin culter (cyprinid *Chanodichthys erythropterus* (Basilewsky, 1855)) collected in “Húběi Province (湖北省)”, China [58]; and
 - *Scophrhavirus maximus* for *Scopthalmus maximus* rhabdovirus (SMRV) isolated from turbot fish (scopthalmid *Scopthalmus maximus* (Linnaeus, 1758)) sampled in Shāndōng Province (山东省), China [82].

Genus *Alphanucleorhabdovirus* was expanded by one new species, *Alphanucleorhabdovirus joa*, for joa yellow blotch associated virus (JYBaV) identified in joá (solanaceae *Solanum aculeatissimum* L.) plants sampled in Manaus, State of Amazonas (Estado de Amazonas), Brazil [11] (TaxoProp 2021.001M.A.v1.Betarhabdovirinae_7nsp).

Genus *Betanucleorhabdovirus* was expanded by one new species, *Betanucleorhabdovirus bacopae*, for *Bacopa monnieri* virus 2 (BmV-2) identified in transcriptomic data of water hyssop (plantaginaceae *Bacopa monnieri* L.) tissues

sampled in Lucknow, Uttar Pradesh, India [60] (TaxoProp 2021.001M.A.v1.Betarhabdovirinae_7nsp).

Genus *Cytorhabdovirus* was expanded by five new species (TaxoProp 2021.001M.A.v1.Betarhabdovirinae_7nsp):

- *Cytorhabdovirus bacopae* for Bacopa monnieri virus 1 (BmV-1) identified in transcriptomic data of water hyssop (plantaginacean *Bacopa monnieri* L.) tissues sampled in Lucknow, Uttar Pradesh, India [60];
- *Cytorhabdovirus chrysanthemi* for chrysanthemum yellow dwarf associated virus (CYDaV) identified in grey-leaved euryops (asteracean *Euryops pectinatus* (L.) Cass.) plant sampled in Chóngqìng (重庆市), China [37];
- *Cytorhabdovirus cucurbitae* for cucurbit cytorhabdovirus 1 (CuCV-1) identified in zucchini (cucurbitacean *Cucurbita pepo* L.) plants sampled in Greece [44];
- *Cytorhabdovirus broussonetiae* for paper mulberry mosaic associated virus (PMuMaV) identified in paper mulberry (moracean *Broussonetia papyrifera* L.) plants sampled in Chóngqìng (重庆市), China [51]; and
- *Cytorhabdovirus rosae* for rose virus R (RVR), identified in a rose ‘Hugh Dickson’ plant from Maryland, USA [5].

Genus *Hapavirus* was expanded by two new species (TaxoProp 2021.004M.R.Alpharhabdovirinae_13nsp):

- *Hapavirus bangoran* for Bangoran virus (BGNV) found in mosquitoes (culicid *Culex perfuscus* Edwards, 1914) sampled in Bangoran, Bamingui-Bangoran Prefecture, Central African Republic [6, 14]; and
- *Hapavirus porton* for Porton virus (PORV) found in mosquitoes (culicid *Mansonia uniformis* (Theobald, 1901)) sampled in Sarawak state, Malaysia [6].

Genus *Ledantevirus* was expanded by one new species, *Ledantevirus taiyi*, for Taiyi bat virus (TYBV) found in Chinese rufous horseshoe bats (rhinolophid *Rhinolophus sinicus* K. Andersen, 1905) sampled in Xiánning (咸宁市), Húběi Province (湖北省), China [39] (TaxoProp 2021.004M.R.Alpharhabdovirinae_13nsp).

Genus *Perhabdovirus* was expanded by one new species, *Perhabdovirus leman*, for Leman virus (LeRV) isolated from perch fry sampled from Lake Geneva (Lac Léman), France [47] (TaxoProp 2021.003M.R.Alpharhabdovirinae_3ngen_7nsp).

Genus *Sunrhavirus* was expanded by eight new species (TaxoProp 2021.004M.R.Alpharhabdovirinae_13nsp):

- *Sunrhavirus sandjimba* for Sandjimba virus (SNAV) found in sedge warblers (acrocephalid *Acrocephalus schoenobaenus* (Linnaeus, 1758)) collected at the Landjia river, Ombella-M'Poko Prefecture, Central African Republic [6, 14];

- *Sunrhavirus nasoule* for Nasoule virus (NASV) found in little greenbuls (pycnonotid *Eurillas virens* (Cassin, 1857)) sampled in Nasoule, Mambéré-Kadéi Prefecture, Central African Republic [6, 14];
- *Sunrhavirus boteke* for Boteke virus (BOTV) found in mosquitoes (culicid *Coquillettidia maculipennis* (Theobald, 1911)) sampled in Boteke, Ombella-M'Poko Prefecture, Central African Republic [6, 14];
- *Sunrhavirus bimbo* for Bimbo virus (BBOV) found in yellow-crowned bishop (ploceid *Euplectes afer* (Gmelin, 1789)) sampled in Kolongo, Ombella-M'Poko Prefecture, Central African Republic [6, 14];
- *Sunrhavirus kolongo* for Kolongo virus (KOLV) found in yellow-crowned bishop (ploceid *Euplectes afer* (Gmelin, 1789)) sampled in Bangui, Central African Republic [6, 14];
- *Sunrhavirus ouango* for Ouango virus (OUAV) found in black-headed weaves (ploceid *Ploceus melanocephalus* (Linnaeus, 1758)) collected at the Landjia river, Ombella-M'Poko Prefecture, Central African Republic [6, 14];
- *Sunrhavirus alexandria* for Burg el Arab virus (BEAV) found in lesser whitethroats (sylviid *Curruca curruca* (Linnaeus, 1758)) sampled in Borg El Arab/Burj al-'Arab, Alexandria Governorate, Egypt [6]; and
- *Sunrhavirus matariya* for Matariya virus (MTYV) found in lesser whitethroats (sylviid *Curruca curruca* (Linnaeus, 1758)) sampled in Port Saïd/Būrsa'îd, Port Saïd Governorate, Egypt [6].

Genus *Vesiculovirus* was expanded by two new species (TaxoProp 2021.004M.R.Alpharhabdovirinae_13nsp):

- *Vesiculovirus mediterranean* for Mediterranean bat virus (MBV) found in bats sampled in Algeria, Morocco, and Spain (unpublished; GenBank: MW557331); and
- *Vesiculovirus yinshui* for Yinshui bat virus (YSBV) found in Chinese rufous horseshoe bats (rhinolophid *Rhinolophus sinicus* K. Andersen, 1905) sampled in Xiánning (咸宁市), Húběi Province (湖北省), China [39].

Family Sunviridae

The name of the only species in the family was changed to a binomial as required by the recently amended ICVCN [25, 69, 81] (2021.037M.R.Sunviridae_sprename).

Family Xinmoviridae

Family *Xinmoviridae* was thoroughly revised (2021.039M.R.Xinmoviridae_11ngen_8nsp):

- in the genus *Anphevirus*, the species *Shuangao anphevirus* was abolished, and the species *Xincheng anphevirus* was renamed *Anphevirus xinchengense*. Species *Dipteran anphevirus*, *Odonate anphevirus*, *Drosophilid anphevi-*

rus, *Bolahun anphevirus*, and *Orthopteran anphevirus* were renamed *Alasvirus muscae*, *Draselvirus dentati*, *Drunivirus chambonense*, *Gambievirus bolahunense*, and *Hoptevirus orthopteris*, respectively, and moved into the newly created genera *Alasvirus*, *Draselvirus*, *Drunivirus*, *Gambievirus*, and *Hoptevirus*, respectively;

- genus *Doupovirus* was created to include the new species *Doupovirus australiaense* for *Culex mononega*-like virus 2 (CMLV-2) discovered by HTS in mosquitoes (culicid *Culex australicus* Dobrotworsky & Drummond, 1953) sampled in Point Douro, Western Australia, Australia [57];
- genus *Gambievirus* was created to include the new species *Gambievirus senegalense* for Gambie virus (GAMV) discovered by HTS in mosquitoes (culicid *Anopheles gambiae* Giles, 1902) sampled in Senegal [17];
- genus *Gylbovirus* was created to include new species *Gylbovirus aagae* for *Aedes anphevirus* (AeAV) discovered by HTS in yellow fever mosquitoes (culicid *Aedes aegypti* (Linnaeus in Hasselquist, 1762)) and the Aag2 *Aedes albopictus* cell line [10, 48];
- genus *Madalivirus* was created to include two new species:
 - *Madalivirus amapaense* for *Anopheles marajoara* virus (AnMV) discovered by HTS in mosquitoes (culicid *Anopheles marajoara* Galvao & Damesceno 1942) sampled in Macapá, Amapá State, Brazil [56]; and
 - *Madalivirus amazonaense* for *Anopheles darlingi* virus (AnDV) discovered by HTS in American malaria mosquitoes (culicid *Anopheles darlingi* Root, 1926) sampled in Macapá, Amapá State, and Manaus, Amazonas State, Brazil [56];
- genus *Pelmivirus* was created to include new species *Pelmivirus eymattense* for hymenopteran anphe-related virus OKIAV71 (HARV-71) discovered by HTS in parasitoid wasps (ichneumonid *Heteropelma amictum* (Fabricius, 1775)) sampled in Eymatt, Bern, Switzerland [27];
- genus *Triniovirus* was created to include the new species *Triniovirus yonagoense* for *Culex tritaeniorhynchus anphevirus* (CtAV) discovered by HTS in mosquitoes (culicid *Culex tritaeniorhynchus* Giles, 1901) sampled in Yonago (米子市), Tottori Prefecture (鳥取県), Japan [16]; and
- genus *Ulegvirus* was created for new species *Ulegvirus freckenfeldense* for odonatan anphe-related virus OKIAV59 (OARV-59) discovered by HTS in golden-ringed dragonflies (cordulegastrid *Cordulegaster boltonii* (Donovan, 1807)) sampled in Freckenfeld, Rhineland-Palatinate (Rheinland-Pfalz), Germany [27].

Yunchangviricetes

The names of all species in the class were changed to binomials as required by the recently amended International Code of Virus Classification and Nomenclature (ICVCN) [25, 69, 81] (TaxoProp 2021.018M.R.Negarnaviricota_sprename).

Taxonomic changes in subphylum Polyploviricotina

Taxonomic changes within order *Articulavirales* (*Polyploviricotina*: *Insthoviricetes*)

Family *Amnoonviridae*

The name of the only species in the family was changed to a binomial as required by the recently amended International Code of Virus Classification and Nomenclature (ICVCN) [25, 69, 81] (TaxoProp 2021.018M.R.Negarnaviricota_sprename).

Family *Orthomyxoviridae*

The names of all species in the family were changed to binomials as required by the recently amended ICVCN [25, 69, 81] (TaxoProp 2021.024M.R.Orthomyxoviridae_sprename).

One new genus, *Mykissvirus*, was established to include one new species, *Mykissvirus tructae*, for rainbow trout orthomyxovirus (RbtOV) and steelhead trout orthomyxovirus (SttOV-1) first isolated from commercially reared rainbow trout (salmonid *Oncorhynchus mykiss* (Walbaum, 1792)) in Hagerman Valley, Idaho, USA [4] (TaxoProp 2021.022M.R.Orthomyxoviridae_1ngen_1nsp_Mykiss).

One new genus, *Sardinivirus*, was established to include one new species, *Sardinivirus pilchardi*, for pilchard orthomyxovirus (POMV) first isolated from blue pilchards (clupeid *Sardinops sagax* (Jenyns, 1842)) sampled off the coast of South Australia and subsequently Tasmania [19, 41] (TaxoProp 2021.023M.R.Orthomyxoviridae_1ngen_1nsp_Sardino).

Genus *Quaranjavirus* was expanded by four new species (TaxoProp 2021.034M.R.Quaranjavirus_4nsp):

- *Quaranjavirus araguariense* for Araguari virus (ARAV) isolated from a gray four-eyed opossum (didelphid *Phlander opossum* (Linnaeus, 1758)) sampled in Serra do Navio, Amapá State, Brazil [9, 79];
- *Quaranjavirus chadense* for Lake Chad virus (LKCV) isolated from a vitelline masked weaver (ploceid *Ploceus*

vitellinus (Lichtenstein, 1823)), sampled at Lake Chad, Nigeria [50];

- *Quarantavirus tyulekense* for Tyulek virus (TLKV) isolated from ticks (argasid *Argas vulgaris* Filippova, 1961) sampled near Tülék/Tölök (Тюлэк/Төлөк), Naryn Region (Нарынская область), Kirghiz Soviet Socialist Republic, USSR [85]; and
- *Quarantavirus wellfleetense* for Wellfleet Bay virus (WFBV) isolated from common eiders (anatid *Somateria mollissima* (Linnaeus, 1758)) sampled at Cape Cod, Massachusetts, USA [1].

Genus *Thogotovirus* was expanded by six new species (TaxoProp 2021.038M.R.Thogotovirus_6nsp):

- *Thogotovirus bourbonense* for Bourbon virus (BRBV) isolated from a human sampled in Bourbon County, Kansas, USA [30];
- *Thogotovirus josense* for Jos virus (JOSV) isolated from a zebu (bovid *Bos indicus* Linnaeus, 1758) and ticks (ixodid *Amblyomma variegatum* (Fabricius, 1794) and *Rhipicephalus decoloratus* Koch, 1844)) sampled in Jos, Plateau State, Nigeria [36];
- *Thogotovirus ozense* for Oz virus (OZV) isolated from ticks (ixodid *Amblyomma testudinarium* Koch, 1844) sampled in Ehime Prefecture (愛媛県), Japan [13];
- *Thogotovirus sinuense* for Sinu virus (SINUV) isolated from a pool of mosquitoes collected in San Bernardo del Viento, Córdoba Department, Colombia [8];
- *Thogotovirus thailandense* for Thailand tick thogotovirus (TT-THOV) detected by HTS in ticks (ixodid *Boophilus* sp.) sampled in Tha Wang Pha District (ท่าวัง), Nan Province (น่าน), Thailand [63]; and
- *Thogotovirus upoluense* for Upolu virus (UPOV) isolated from ticks (ixodid *Ornithodoros capensis* Neumann, 1901) sampled on Upolu Cay, Great Barrier Reef, Australia [12].

Taxonomic changes within order *Bunyavirales* (*Polyploviricotina: Ellioviricetes*)

The order *Bunyavirales* was expanded by two new families (2021.040M.R.Bunyavirales_2nfam_2ngen_6nsp):

- *Discoviridae*: genus *Orthodiscovirus* was created for five species:
 - o *Orthodiscovirus coniellae* for Coniothyrium diplo-diella negative-stranded RNA virus 1 (CdNSRV-1) and *Plasmopara viticola* lesion associated mycobun-yavirales-like virus 9, discovered by HTS in an isolate of a fungus (melanconidacean *Coniella diplo-diella* (Speg.) Petr. & Syd., (1927)) and in plant lesions

caused by grapevine downy mildew (peronosporacean *Plasmopara viticola* (Berk. & M.A. Curtis) Berl. & De Toni, (1888)), respectively [42];

- o *Orthodiscovirus hispaniae* for *Plasmopara viticola* lesion associated mycobun-yavirales-like virus 8 (PvLAM-LV8) discovered by HTS in plant lesions caused by grapevine downy mildew (peronosporacean *Plasmopara viticola* (Berk. & M.A. Curtis) Berl. & De Toni, (1888)) [7];
 - o *Orthodiscovirus iberiae* for *Plasmopara viticola* lesion associated mycobun-yavirales-like virus 4 (PvLAM-LV4) discovered by HTS in plant lesions caused by grapevine downy mildew (peronosporacean *Plasmopara viticola* (Berk. & M.A. Curtis) Berl. & De Toni, (1888)) [7];
 - o *Orthodiscovirus missouriense* for *Penicillium discovirus* (PDV) discovered by HTS in a fungus (trichocomacean *Penicillium atramentosum* Thom, C. 1910) [31]; and
 - o *Orthodiscovirus penicillii* for *Penicillium roseopurpureum* negative ssRNA virus 1 (PrNssV-1) discovered by HTS in a fungus (trichocomacean *Penicillium roseopurpureum* Dierckx, R.P. 1901) [42].
- *Tulasviridae*: genus *Orthotulasvirus* was created to include one species, *Orthotulasvirus tulasnellae*, for *Tulasnella* bunyavirales-like virus 1 (TB-LV) discovered by HTS in an orchid mycorrhizal virome and confirmed to be present in an isolate of an effused fungus (tulasnellacean *Tulasnella* sp.) by full length Sanger sequencing of its cDNA [62].

Family *Arenaviridae*

Genus *Mammarenavirus* was expanded by two new species:

- *Mammarenavirus bituense* for Bitu virus (BITV) detected by HTS in *Namaqua micamelamys* (*Micaelamys namaquensis* (A. Smith, 1834)) sampled in Angola (TaxoProp 2021.006M.R.Mammarenavirus_1nsp_Bitu) [64]; and
- *Mammarenavirus kwanzaense*, for Kwanza virus (KWAV) detected by HTS in gray-bellied mice (*Mus triton* (Thomas, 1909)) sampled in Angola (TaxoProp 2021.007M.R.Mammarenavirus_1nsp_Kwanza) [64].

Family *Fimoviridae*

The names of all species in the family were changed to binomials as required by the recently amended ICVCN [25, 69, 81] (TaxoProp 2021.013P.R.Fimoviridae_rename).

Genus *Emaravirus* was expanded by three new species:

Table 1 ICTV-accepted taxonomy of the order *Muvirales* (*Negarnaviricota*: *Haploviricotina*: *Chunqiuviricetes*) as of March 2022

Genus	Species [¶]	Virus (Abbreviation) ^{&}
Family <i>Qinviridae</i>		
<i>Yingvirus</i>	<i>Yingvirus beihaiense</i>	Běihǎi sesarmid crab virus 4 (BhSCV-4)
	<i>Yingvirus charybdis</i>	Wēnzhōu qínvirus-like virus 2 (WzQLV-2)
	<i>Yingvirus hubeiense</i>	Húběi qínvirus-like virus 1 (HbQLV-1)
	<i>Yingvirus sanxiaense</i>	Sānxiá qínvirus-like virus 1 (SxQLV-1)
	<i>Yingvirus shaheense</i>	Shāhé qínvirus-like virus 1 (ShQLV-1)
	<i>Yingvirus wenzhouense</i>	Wēnzhōu qínvirus-like virus 1 (WzQLV-1)
	<i>Yingvirus wuhanense</i>	Wūhàn insect virus 15 (WhIV-15)
	<i>Yingvirus xinzhouense</i>	Xīnzhōu nematode virus 3 (XzNV-3)

Note that viruses are real objects that are assigned to concepts that are called taxa. Species, genera, families, and orders are taxa

[¶]Taxon names are always italicized and always begin with a capital letter

[&]Virus names are not italicized and are not capitalized, except if the name or a name component is a proper noun. This column lists the virus names with their correct (lack of) capitalization

Table 2 ICTV-accepted taxonomy of the order *Serpentovirales* (*Negarnaviricota*: *Haploviricotina*: *Milneviricetes*) as of March 2022

Genus	Species [¶]	Virus (Abbreviation) ^{&}
Family <i>Aspiviridae</i>		
<i>Ophiovirus</i>	<i>Ophiovirus citri</i>	citrus psorosis virus (CPSV)
	<i>Ophiovirus freesiae</i>	freesia sneak virus (FreSV)
	<i>Ophiovirus lactucae</i>	lettuce ring necrosis virus (LRNV)
	<i>Ophiovirus mirafioriense</i>	Mirafiori lettuce big-vein virus (MLBVV)
	<i>Ophiovirus ranunculi</i>	ranunculus white mottle virus (RWMV)
	<i>Ophiovirus tulipae</i>	tulip mild mottle mosaic virus (TMMMV)
	<i>Ophiovirus vaccinii</i>	blueberry mosaic associated virus (BIMaV)

Note that viruses are real objects that are assigned to concepts that are called taxa. Species, genera, families, and orders are taxa

[¶]Taxon names are always italicized and always begin with a capital letter

[&]Virus names are not italicized and are not capitalized, except if the name or a name component is a proper noun. This column lists the virus names with their correct (lack of) capitalization

- *Emaravirus aceris* for maple mottle-associated emaravirus (MaMaV) discovered by HTS in maple (sapindacean *Acer* sp.) sampled in Germany (TaxoProp 2021.010P.R.Emaravirus_1ns) [54];
- *Emaravirus chrysanthemi* for chrysanthemum mosaic-associated emaravirus (ChMaV) discovered by HTS in chrysanthemum (asteracean *Chrysanthemum morifolium* L.) sampled in Japan (TaxoProps 2021.011P.R.Emaravirus_1ns and 2021.043M.R.Corrections_Mononegavirales_Bunyavirales) [32]; and
- *Emaravirus quercus* for common oak ringspot-associated emaravirus (CORaV) discovered by HTS in oak (fagacean *Quercus robur* L.) sampled in Germany and Scandinavia (TaxoProp 2021.012P.R.Emaravirus_1ns) [52].

Family *Hantaviridae*

The species name *Seewis orthohantavirus* was corrected to *Seewis orthohantavirus* (TaxoProp 2021.042M.R.Corrections_Riboviria_Duplodnaviria).

The species name *Thottapalayam thottimvirus* was corrected to *Thottapalayam thottimvirus* (TaxoProp 2021.042M.R.Corrections_Riboviria_Duplodnaviria).

Family *Leishbuviridae*

The name of the only species in the family was changed to a binomial as required by the recently amended ICVCN [25, 69, 81] (TaxoProp 2021.018M.R.Negarnaviricota_sprename).

Table 3 ICTV-accepted taxonomy of the order *Jingchuvirales* (*Negarnaviricota*: *Haploviricotina*: *Monjiviricetes*) as of March 2022

Genus	Species [†]	Virus (Abbreviation) ^{&}
Family <i>Aliusviridae</i>		
<i>Obscurivirus</i>	<i>Obscurivirus quintum</i>	Atrato chu-like virus 5 (ACIV-5)
<i>Ollusvirus</i>	<i>Ollusvirus coleopteri</i>	Húběi coleoptera virus 3 (HbCV-3)
	<i>Ollusvirus culvertonense</i>	Culverton virus (CvV)
	<i>Ollusvirus hanchengense</i>	Hánchéng leafhopper mivirus (HLMV)
	<i>Ollusvirus hymenopteri</i>	hymenopteran chu-related virus 123 (HCrV-123)
	<i>Ollusvirus insectii</i>	hymenopteran chu-related virus 126 (HCrV-126)
	<i>Ollusvirus scaldisense</i>	Scaldis River bee virus (SRBV)
	<i>Ollusvirus shayangense</i>	Shāyáng fly virus 1 (SyFV-1)
	<i>Ollusvirus taiyuanense</i>	Tàiyuán leafhopper virus (TYLeV)
Family <i>Chuviridae</i>		
<i>Boscovirus</i>	<i>Boscovirus hippoboscidae</i>	Wūhàn louse fly virus 7 (WhLFV-7)
	<i>Boscovirus hypoboscidae</i>	Wūhàn louse fly virus 6 (WhLFV-6)
<i>Chuvivirus</i>	<i>Chuvivirus brunnichi</i>	Wēnlǐng crustacean virus 14 (WICV-14)
	<i>Chuvivirus canceris</i>	Wēnzhōu crab virus 2 (WzCV-2)
<i>Culicidavirus</i>	<i>Culicidavirus culicidae</i>	Wūhàn mosquito virus 8 (WhMV-8)
	<i>Culicidavirus culicis</i>	Culex mosquito virus 5 (CIMV-5)
	<i>Culicidavirus imjinense</i>	Imjin River virus 1 (IjRV-1)
	<i>Culicidavirus quitotaense</i>	Culex mosquito virus 4 (CIMV-4)
<i>Demapteravirus</i>	<i>Demapteravirus demapteri</i>	dermapteran chu-related virus 142 (DCrV-142)
<i>Doliuvirus</i>	<i>Doliuvirus culisetae</i>	Mos8Chu0 chuvirus (MoCV)
<i>Mivirus</i>	<i>Mivirus amblyomae</i>	lone star tick chuvirus 1 (LSTCV-1)
	<i>Mivirus boleense</i>	Bólè tick virus 3 (BTV-3)
	<i>Mivirus changpingense</i>	Chāngpíng tick virus 2 (CpTV-2)
	<i>Mivirus dermacentoris</i>	Chāngpíng tick virus 3 (CpTV-3)
		Tǎchéng tick virus 5 (TcTV-5)
	<i>Mivirus genovaense</i>	Genoa virus (GeV)
	<i>Mivirus karukeraense</i>	Karukera tick virus (KtV)
	<i>Mivirus rhipicephali</i>	brown dog tick mivirus 1 (BDTMV-1)
	<i>Mivirus suffolkense</i>	Suffolk virus (SFKV)
	<i>Mivirus wuhanense</i>	Wūhàn tick virus 2 (WhTV-2)
<i>Morsusvirus</i>	<i>Morsusvirus argatis</i>	Tǎchéng tick virus 4 (TcTV-4)
<i>Nigecruvivirus</i>	<i>Nigecruvivirus ixodes</i>	blacklegged tick chuvirus-2 (BITC-2)
<i>Odonatavirus</i>	<i>Odonatavirus draconis</i>	odonatan chu-related virus 137 (OCrV-137)
	<i>Odonatavirus fabricii</i>	Húběi odonate virus 11 (HbOV-11)
	<i>Odonatavirus odontis</i>	odonatan chu-related virus 136 (OCrV-136)
<i>Pediavirus</i>	<i>Pediavirus cirripedis</i>	Běihǎi barnacle virus 9 (BhBV-9)
<i>Piscichuvivirus</i>	<i>Piscichuvivirus franki</i>	Herr Frank virus 1 (HFrV-1)
	<i>Piscichuvivirus lycodontis</i>	Guǎngdōng red-banded snake chuvirus-like virus (GRSCV)
	<i>Piscichuvivirus sanxiaense</i>	Sānxiá atyid shrimp virus 4 (SxASC-4)
	<i>Piscichuvivirus wenlingense</i>	Wēnlǐng fish chu-like virus (WFCIV)
<i>Pterovirus</i>	<i>Pterovirus chulinense</i>	hymenopteran chu-related virus OKIAV147 (HCrV-147)
<i>Scarabeuvirus</i>	<i>Scarabeuvirus blattae</i>	Wūchāng cockroach virus 3 (WcLFV-3)
	<i>Scarabeuvirus dentati</i>	Húběi chuvirus-like virus 3 (HbCLV-3)
	<i>Scarabeuvirus hubeiense</i>	Húběi chuvirus-like virus 1 (HbCLV-1)
	<i>Scarabeuvirus lampyris</i>	Lampyris noctiluca chuvirus-like virus 1 (LNCIV-1)
	<i>Scarabeuvirus lishiense</i>	Lǐshì spider virus 1 (LsSV-1)
	<i>Taceavirus</i>	<i>Taceavirus wenlingense</i>

Table 3 (continued)

Genus	Species [¶]	Virus (Abbreviation) ^{&}
Family <i>Crepusciviridae</i>		
<i>Aqualarivirus</i>	<i>Aqualarivirus sialis</i>	megalopteran chu-related virus 119 (MCrV-119)
Family <i>Myriaviridae</i>		
<i>Myriavirus</i>	<i>Myriavirus myriapedis</i>	Húběi myriapoda virus 8 (HbMV-8)
Family <i>Natareviridae</i>		
<i>Charybdivirus</i>	<i>Charybdivirus charybdis</i>	Wēnzhōu crab virus 3 (WzCV-3)

Note that viruses are real objects that are assigned to concepts that are called taxa. Species, genera, families, and orders are taxa.

[¶]Taxon names are always italicized and always begin with a capital letter.

[&]Virus names are not italicized and are not capitalized, except if the name or a name component is a proper noun. This column lists the virus names with their correct (lack of) capitalization. Lists of viruses within a given species are provisional at this point and will likely be amended in the near future.

Family *Mypoviridae*

The name of the only species in the family was changed to a binomial as required by the recently amended ICVCN [25, 69, 81] (TaxoProp 2021.018M.R.Negarnaviricota_sprename).

Family *Peribunyaviridae*

Family *Peribunyaviridae* was expanded by three new genera (TaxoProp 2021.027M.R.Peribunyaviridae_3ngen_3nsp):

- *Khurdivirus*, including one new species, *Khurdivirus volgaense*, for Khurdun virus (KHURV) isolated from a Eurasian coot (rallid *Fulica atra* Linnaeus, 1758) sampled in Astrakhan Region (Астраханская область), Russia [83, 84];
- *Lakivirus*, including one new species, *Lakivirus lakamhaense*, for Lakamha virus (LAKV) discovered by HTS in a mosquito (culicid *Wyeomyia complosa* (Dyar, 1928)) sampled in Palenque, Chiapas, Mexico [29]; and
- *Lambavirus*, including one new species, *Lambavirus wisconsinense*, for largemouth bass bunyavirus (LBBV) discovered by HTS in largemouth bass (centrarchid *Micropeterus salmoides* (Lacépède, 1802)) sampled in the upper Mississippi River, Wisconsin, USA [71].

The species name *Lumbo orthobunyavirus* was corrected to *Lumbo orthobunyavirus* (TaxoProp 2021.042M.R.Corrections_Riboviria_Duplodnaviria).

Family *Phasmaviridae*

The family was expanded by one new genus, *Cicadellivirus*, to include one new species, *Cicadellivirus scaphoidei*,

for *Scaphoideus titanus* bunya-like virus 1 (StHV) (TaxoProp 2021.030M.R.Phasmaviridae_1ngen_5nsp) [46].

Genus *Orthophasmavirus* was expanded by four new species (TaxoProps 2021.030M.R.Phasmaviridae_1ngen_5nsp and 2021.043M.R.Corrections_Mononegavirales_Bunyavirales):

- *Orthophasmavirus coredoense* for Coredo virus (CORV) discovered by HTS in mosquitoes (culicid *Mansonia titillans* (Walker, 1848)) sampled in Colombia (unpublished; GenBank: MN661021–3);
- *Orthophasmavirus barstukasense* for Barstukas virus (BARV) discovered by HTS in mosquitoes (culicid *Aedes* sp.) sampled in California, USA [3];
- *Orthophasmavirus miglotasense* for Miglotas virus (MIGV) discovered by HTS in mosquitoes (culicid *Aedes* sp. and *Culex* sp.) sampled in California, USA [3]; and
- *Orthophasmavirus flenense* for Flen virus (FLNV) discovered by HTS in mosquitoes (culicid *Aedes cantans* (Meigen, 1818)) sampled in Flen, Södermanland County (Södermanlands län), Sweden [43].

Family *Wupedeviridae*

The name of the only species in the family was changed to a binomial as required by the recently amended ICVCN [25, 69, 81] (TaxoProp 2021.018M.R.Negarnaviricota_sprename).

Summary

A summary of the current, ICTV-accepted taxonomy of the phylum *Negarnaviricota* is presented in Tables 1, 2, 3, 4, 5, 6 and 7 and in the form of two posters (Supplementary Figure 1).

Table 4 ICTV-accepted taxonomy of the order *Mononegavirales* (*Negarnaviricota: Haploviricotina: Monjiviricetes*) as of March 2022

Genus	Species [¶]	Virus (Abbreviation) ^{&}	
Family Artoviridae			
<i>Hexartovirus</i>	<i>Hexartovirus cirripedis</i>	Běihǎi barnacle virus 8 (BhBV-8)	
	<i>Hexartovirus lepeophtheiri</i>	Lepeophtheirus salmonis negative-stranded RNA virus 1 (LsNSRV-1)	
<i>Peropuvirus</i>	<i>Peropuvirus beihaiense</i>	Běihǎi rhabdo-like virus 1 (BhRLV-1)	
	<i>Peropuvirus dentati</i>	Húběi rhabdo-like virus 8 (HbRLV-8)	
	<i>Peropuvirus hubeiense</i>	Húběi rhabdo-like virus 6 (HbRLV-6)	
	<i>Peropuvirus juli</i>	Húběi rhabdo-like virus 5 (HbRLV-5)	
	<i>Peropuvirus lignarii</i>	Běihǎi rhabdo-like virus 2 (BhRLV-2)	
	<i>Peropuvirus melongenae</i>	Solanum melongena rhabdo-like virus (SmRLV)	
	<i>Peropuvirus pteromali</i>	Pteromalus puparum negative-strand RNA virus 1 (PpNSRV-1)	
Family Bornaviridae			
<i>Carbovirus</i>	<i>Carbovirus queenslandense</i>	jungle carpet python virus (JCPV)	
	<i>Carbovirus tapeti</i>	southwest carpet python virus (SWCPV)	
<i>Cultervirus</i>	<i>Cultervirus hemicultri</i>	Wūhàn sharpbelly bornavirus (WhSBV)	
<i>Orthobornavirus</i>	<i>Orthobornavirus alphapsittaciforme</i>	parrot bornavirus 1 (PaBV-1)	
		parrot bornavirus 2 (PaBV-2)	
		parrot bornavirus 3 (PaBV-3)	
		parrot bornavirus 4 (PaBV-4)	
		parrot bornavirus 7 (PaBV-7)	
		<i>Orthobornavirus avisaquaticae</i>	aquatic bird bornavirus 1 (ABBV-1)
		aquatic bird bornavirus 2 (ABBV-2)	
	<i>Orthobornavirus betapsittaciforme</i>	parrot bornavirus 5 (PaBV-5)	
	<i>Orthobornavirus bornaense</i>	Borna disease virus 1 (BoDV-1)	
	Borna disease virus 2 (BoDV-2)		
	<i>Orthobornavirus caenophidiae</i>	Caribbean watersnake bornavirus (CWBV)	
	Mexican black-tailed rattlesnake bornavirus (MRBV)		
	<i>Orthobornavirus elapsoideae</i>	Loveridge's garter snake virus 1 (LGSV-1)	
<i>Orthobornavirus estrildidae</i>	estrildid finch bornavirus 1 (EsBV-1)		
<i>Orthobornavirus sciuri</i>	variegated squirrel bornavirus 1 (VSBV-1)		
<i>Orthobornavirus serini</i>	canary bornavirus 1 (CnBV-1)		
canary bornavirus 2 (CnBV-2)			
canary bornavirus 3 (CnBV-3)			
Family Filoviridae			
<i>Cuevavirus</i>	<i>Lloviu cuevavirus</i>	Lloviu virus (LLOV)	
<i>Dianlovirus</i>	<i>Mengla dianlovirus</i>	Měnglà virus (MLAV)	
<i>Ebolavirus</i>	<i>Bombali ebolavirus</i>	Bombali virus (BOMV)	
	<i>Bundibugyo ebolavirus</i>	Bundibugyo virus (BDBV)	
	<i>Reston ebolavirus</i>	Reston virus (RESTV)	
	<i>Sudan ebolavirus</i>	Sudan virus (SUDV)	
	<i>Tai Forest ebolavirus</i>	Tāi Forest virus (TAFV)	
	<i>Zaire ebolavirus</i>	Ebola virus (EBOV)	
	<i>Marburgvirus</i>	<i>Marburg marburgvirus</i>	Marburg virus (MARV)
Ravn virus (RAVV)			
<i>Oblavirus</i>	<i>Oblavirus percae</i>	Oberland virus (OBLV)	
<i>Striavirus</i>	<i>Xilang striavirus</i>	Xīlǎng virus (XILV)	
<i>Tapjovirus</i>	<i>Tapjovirus bothropis</i>	Tapajós virus (TAPV)	
<i>Thamnovirus</i>	<i>Huangjiao thamnovirus</i>	Huángjiāo virus (HUJV)	
	<i>Thamnovirus kanderense</i>	Kander virus (KNDV)	
	<i>Thamnovirus percae</i>	Fiwi virus (FIWV)	

Table 4 (continued)

Genus	Species [¶]	Virus (Abbreviation) [§]	
Family Lispiviridae			
<i>Anicalvirus</i>	<i>Anicalvirus hangzhouense</i>	Anisopteromalus calandrae negative-strand RNA virus 2 (AcNSRV-2)	
<i>Anidravirus</i>	<i>Anidravirus hangzhouense</i>	Anisopteromalus calandrae negative-strand RNA virus 1 (AcNSRV-1)	
<i>Arlivirus</i>	<i>Arlivirus arachnae</i>	Līshì spider virus 2 (LsSV-2)	
<i>Copasivirus</i>	<i>Copasivirus ivindoense</i>	isopteran arli-related virus OKIAV103 (IARV-103)	
	<i>Copasivirus manlyvaleense</i>	Jimsystemes virus (JIMV)	
<i>Cybitervirus</i>	<i>Cybitervirus niederense</i>	coleopteran arli-related virus OKIAV107 (CARV-107)	
<i>Damravirus</i>	<i>Damravirus dentatis</i>	Húběi odonate virus 10 (HbOV-10)	
<i>Ganiavirus</i>	<i>Ganiavirus tachengense</i>	Tāchéng tick virus 6 (TcTV-6)	
<i>Leocovirus</i>	<i>Leocovirus coleopteris</i>	Húběi rhabdo-like virus 3 (HbRLV-3)	
<i>Nematovirus</i>	<i>Nematovirus wuchangense</i>	Wūchāng romanomermis nematode virus 2 (WcRNV-2)	
<i>Phelinovirus</i>	<i>Phelinovirus aphidis</i>	hymenopteran arli-related virus OKIAV99 (HARV-99)	
<i>Rivapovirus</i>	<i>Rivapovirus aleyrodidae</i>	hemipteran arli-related virus OKIAV94 (HARV-94)	
<i>Sanstrivirus</i>	<i>Sanstrivirus gerridis</i>	Sānxiá water strider virus 4 (SxWSV-4)	
<i>Stylovirus</i>	<i>Stylovirus niederense</i>	strepsipteran arli-related virus OKIAV104 (SARV-104)	
<i>Supelovirus</i>	<i>Supelovirus thailandense</i>	blattodean arli-related virus OKIAV102 (BARV-102)	
<i>Synelinevirus</i>	<i>Synelinevirus bonnense</i>	hymenopteran arli-related virus OKIAV98 (HARV-98)	
	<i>Synelinevirus paranaense</i>	Linepithema humile rhabdo-like virus 1 (LhuRLV-1)	
<i>Usmuvirus</i>	<i>Usmuvirus newyorkense</i>	Amsterdam virus (AMSV)	
<i>Xenophyvirus</i>	<i>Xenophyvirus mathesonense</i>	hemipteran arli-related virus OKIAV95 (HARV-95)	
Family Mymonaviridae			
<i>Auricularimonavirus</i>	<i>Auricularimonavirus auriculariae</i>	Auricularia heimuer negative-stranded RNA virus 1 (AhNRSV-1)	
	<i>Auricularimonavirus bondarzewiae</i>	Bondarzewia berkeleyi negative-strand RNA virus 1 (BbNSRV-1)	
<i>Botrytimonavirus</i>	<i>Botrytimonavirus alphabotrytidis</i>	Botrytis cinerea negative-stranded RNA virus 5 (BcNSRV-5)	
	<i>Botrytimonavirus botrytidis</i>	Sclerotinia sclerotiorum negative-stranded RNA virus 10 (SsNSRV-10)	
		Botrytis cinerea negative-stranded RNA virus 7 (BcNSRV-7)	
	<i>Botrytimonavirus glycinis</i>	Sclerotinia sclerotiorum negative-stranded RNA virus 11 (SsNSRV-11)	
	<i>Botrytimonavirus sclerotiniae</i>	soybean leaf-associated negative-stranded RNA virus 3 (SLaNSRV-3)	
		Sclerotinia sclerotiorum negative-stranded RNA virus 2 (SsNSRV-2)	
Sclerotinia sclerotiorum negative-stranded RNA virus 2-A (SsNSRV-2-A)			
Sclerotinia sclerotiorum negative-stranded RNA virus 4 (SsNSRV-4)			
<i>Hubramonavirus</i>	<i>Hubramonavirus hubeiense</i>	Sclerotinia sclerotiorum negative-stranded RNA virus 4-A (SsNSRV-4-A)	
	<i>Hubramonavirus terrae</i>	Húběi rhabdo-like virus 4 (HbRLV-4)	
<i>Lentimonavirus</i>	<i>Lentimonavirus lentinulae</i>	H2BulkLitter1223 virus	
<i>Penicillimonavirus</i>	<i>Penicillimonavirus alphapenicillii</i>	Lentinula edodes negative-strand RNA virus 1 (LeNSRV-1)	
	<i>Penicillimonavirus alphaplasmodoparae</i>	Penicillium adametzoides negative-stranded RNA virus 1 (PaNsRV-1)	
	<i>Penicillimonavirus betapenicillii</i>	Plasmopara viticola lesion associated mononegaambi virus 1 (PvaMV-1)	
	<i>Penicillimonavirus betaplasmodoparae</i>	<i>Penicillimonavirus betaplasmodoparae</i>	Penicillium glabrum negative-stranded RNA virus 1 (PgRIV-1)
		<i>Penicillimonavirus betaplasmodoparae</i>	Plasmopara viticola lesion associated mononegaambi virus 2 (PvaMV-2)
		<i>Penicillimonavirus betaplasmodoparae</i>	Plasmopara viticola lesion associated mononegaambi virus 4 (PvaMV-4)
	<i>Penicillimonavirus deltaplasmodoparae</i>	Plasmopara viticola lesion associated mononegaambi virus 5 (PvaMV-5)	
	<i>Penicillimonavirus epsilonplasmodoparae</i>	Plasmopara viticola lesion associated mononegaambi virus 6 (PvaMV-6)	
	<i>Penicillimonavirus etaplasmodoparae</i>	Plasmopara viticola lesion associated mononegaambi virus 9 (PvaMV-9)	
	<i>Penicillimonavirus gammaplasmodoparae</i>	Plasmopara viticola lesion associated mononegaambi virus 3 (PvaMV-3)	
	<i>Penicillimonavirus kilnbarnense</i>	Kiln Barn virus (KBV)	
	<i>Penicillimonavirus zetaplasmodoparae</i>	Plasmopara viticola lesion associated mononegaambi virus 7 (PvaMV-7)	
<i>Plasmopamonavirus</i>	<i>Plasmopamonavirus plasmoparae</i>	Plasmopara viticola lesion associated mononegaambi virus 8 (PvaMV-8)	
<i>Phyllomonavirus</i>	<i>Phyllomonavirus gysingense</i>	Gysinge virus (GYSV)	
	<i>Phyllomonavirus phyllosphaerae</i>	soybean leaf-associated negative-stranded RNA virus 4 (SLaNSRV-4)	

Table 4 (continued)

Genus	Species [¶]	Virus (Abbreviation) [¶]
<i>Rhizomonavirus</i>	<i>Rhizomonavirus mali</i>	apple virus B (APPV-B)
<i>Sclerotimonavirus</i>	<i>Sclerotimonavirus alphabotrytidis</i>	Botrytis cinerea negative-stranded RNA virus 3 (BcNSRV-3) Sclerotinia sclerotiorum negative-stranded RNA virus 9 (SsNSRV-9)
	<i>Sclerotimonavirus alphaclarireediae</i>	Sclerotinia homoeocarpa TSA contig 1 (ShTSA-1) Sclerotinia homoeocarpa TSA contig 2 (ShTSA-2)
	<i>Sclerotimonavirus alphaplastomoparae</i>	Plasmopara viticola lesion associated mymonavirus 1 (PvaMV-1)
	<i>Sclerotimonavirus alternariae</i>	Alternaria tenuissima negative-stranded RNA virus 1 (AtNsRV-1)
	<i>Sclerotimonavirus betabotrytidis</i>	Botrytis cinerea negative-stranded RNA virus 4 (BcNSRV-4)
	<i>Sclerotimonavirus betaclarireediae</i>	Sclerotinia homoeocarpa TSA contig 3 (ShTSA-3)
	<i>Sclerotimonavirus betaplastomoparae</i>	Plasmopara viticola lesion associated mononega virus 2 (PvaMV-2)
	<i>Sclerotimonavirus botrytidis</i>	Botrytis cinerea mymonavirus 1 (BeMyV-1) Sclerotinia sclerotiorum negative-stranded RNA virus 7 (SsNSRV-7)
	<i>Sclerotimonavirus cryphonectriae</i>	Cryphonectria parasitica sclerotimonavirus 1 (CpSV-1)
	<i>Sclerotimonavirus fusarii</i>	Fusarium graminearum negative-stranded RNA virus 1 (FgNSRV-1) soybean leaf-associated negative-stranded RNA virus 1 (SLaNSRV-1)
	<i>Sclerotimonavirus illinoisense</i>	soybean leaf-associated negative-stranded RNA virus 2 (SLaNSRV-2)
	<i>Sclerotimonavirus penicillii</i>	Penicillium cairnsense negative-stranded RNA virus 1 (PcNsRV-1)
	<i>Sclerotimonavirus sclerotiniae</i>	Sclerotinia sclerotiorum negative-stranded RNA virus 1 (SsNSRV-1) Sclerotinia sclerotiorum negative-stranded RNA virus 1-A (SsNSRV-1-A) Sclerotinia sclerotiorum negative-stranded RNA virus 3 (SsNSRV-3) Sclerotinia sclerotiorum negative-stranded RNA virus 3-A (SsNSRV-3-A)
	<i>Sclerotimonavirus terrae</i>	H4BulkLitter234 virus
	Family Nyamiviridae	
<i>Berhavirus</i>	<i>Berhavirus beihaiense</i>	Běihǎi rhabdo-like virus 4 (BhRLV-4)
	<i>Berhavirus radialis</i>	Běihǎi rhabdo-like virus 5 (BhRLV-5)
	<i>Berhavirus sipunculi</i>	Běihǎi rhabdo-like virus 3 (BhRLV-3)
<i>Crustavirus</i>	<i>Crustavirus beihaiense</i>	Běihǎi rhabdo-like virus 6 (BhRLV-6)
	<i>Crustavirus wenlingense</i>	Wēnlǐng crustacean virus 12 (WICV-12)
	<i>Crustavirus wenzhouense</i>	Wēnzhōu crab virus 1 (WzCV-1)
<i>Formivirus</i>	<i>Formivirus angliae</i>	Formica fusca virus 1 (FfusV-1)
	<i>Formivirus chalybii</i>	hymenopteran orino-related virus OKIAV87 (HORV-87)
	<i>Formivirus finnoniae</i>	Formica exsecta virus 4 (FeV-4)
	<i>Formivirus gorytis</i>	hymenopteran orino-related virus OKIAV85 (HORV-85)
	<i>Formivirus solenopsi</i>	Solenopsis invicta virus 15 (SoINV-15)
<i>Nyavirus</i>	<i>Nyavirus argatis</i>	Sekira virus (SEKRV)
	<i>Nyavirus midwayense</i>	Midway virus (MIDWV)
	<i>Nyavirus nyamaniniense</i>	Nyamanini virus (NYMV)
	<i>Nyavirus sanjacintoense</i>	San Jacinto virus (SJCv)
	<i>Nyavirus sierranevadaense</i>	Sierra Nevada virus (SNVV)
	<i>Nyavirus somateriae</i>	Jeremy Point nyavirus (JPNV)
	<i>Orinivirus</i>	<i>Orinivirus pasiphilae</i>
<i>Socyvirus</i>	<i>Socyvirus heteroderiae</i>	soybean cyst nematode virus 1 (SbCENV-1)
<i>Tapwovirus</i>	<i>Tapwovirus cesti</i>	Wēnzhōu tapeworm virus 1 (WzTWV-1)
Family Paramyxoviridae		
Subfamily Avulavirinae		
<i>Metaavulavirus</i>	<i>Avian metaavulavirus 2</i>	avian paramyxovirus 2 (APMV-2)
	<i>Avian metaavulavirus 5</i>	avian paramyxovirus 5 (APMV-5)
	<i>Avian metaavulavirus 6</i>	avian paramyxovirus 6 (APMV-6)
	<i>Avian metaavulavirus 7</i>	avian paramyxovirus 7 (APMV-7)

Table 4 (continued)

Genus	Species [¶]	Virus (Abbreviation) [¶]
	<i>Avian metaavulavirus 8</i>	avian paramyxovirus 8 (APMV-8)
	<i>Avian metaavulavirus 10</i>	avian paramyxovirus 10 (APMV-10)
	<i>Avian metaavulavirus 11</i>	avian paramyxovirus 11 (APMV-11)
	<i>Avian metaavulavirus 14</i>	avian paramyxovirus 14 (APMV-14)
	<i>Avian metaavulavirus 15</i>	avian paramyxovirus 15 (APMV-15)
	<i>Avian metaavulavirus 20</i>	avian paramyxovirus 20 (APMV-20)
	<i>Avian metaavulavirus 22</i>	avian paramyxovirus 22 (APMV-22)
<i>Orthoavulavirus</i>	<i>Avian orthoavulavirus 1</i>	avian paramyxovirus 1 (APMV-1) ¹
	<i>Avian orthoavulavirus 9</i>	avian paramyxovirus 9 (APMV-9)
	<i>Avian orthoavulavirus 12</i>	avian paramyxovirus 12 (APMV-12)
	<i>Avian orthoavulavirus 13</i>	avian paramyxovirus 13 (APMV-13)
	<i>Avian orthoavulavirus 16</i>	avian paramyxovirus 16 (APMV-16)
	<i>Avian orthoavulavirus 17</i>	Antarctic penguin virus A (APV-A)
	<i>Avian orthoavulavirus 18</i>	Antarctic penguin virus B (APV-B)
	<i>Avian orthoavulavirus 19</i>	Antarctic penguin virus C (APV-C)
	<i>Avian orthoavulavirus 21</i>	avian paramyxovirus 21 (APMV-21)
<i>Paraavulavirus</i>	<i>Avian paraavulavirus 3</i>	avian paramyxovirus 3 (APMV-3)
	<i>Avian paraavulavirus 4</i>	avian paramyxovirus 4 (APMV-4)
Subfamily <i>Metaparamyxovirinae</i>		
<i>Synodovirus</i>	<i>Synodus synodovirus</i>	Wēnling triplecross lizardfish paramyxovirus (WTLPV)
Subfamily <i>Orthoparamyxovirinae</i>		
<i>Aquaparamyxovirus</i>	<i>Oncorhynchus aquaparamyxovirus</i>	Pacific salmon paramyxovirus (PSPV)
	<i>Salmo aquaparamyxovirus</i>	Atlantic salmon paramyxovirus (AsaPV)
<i>Ferlavirus</i>	<i>Reptilian ferlavirus</i>	fer-de-lance virus (FDLV)
<i>Henipavirus</i>	<i>Cedar henipavirus</i>	Cedar virus (CedV)
	<i>Ghanaian bat henipavirus</i>	Ghana virus (GhV)
	<i>Hendra henipavirus</i>	Hendra virus (HeV)
	<i>Mojiang henipavirus</i>	Mòjiāng virus (MojV)
	<i>Nipah henipavirus</i>	Nipah virus (NiV)
<i>Jeilongvirus</i>	<i>Beilong jeilongvirus</i>	Beilong virus (BeiV)
	<i>Jeilongvirus anhuiense</i>	Miniopterus schreibersii paramyxovirus (MisPV)
	<i>Jeilongvirus apodemi</i>	rodent paramyxovirus (RoPV)
	<i>Jeilongvirus comorosense</i>	bat paramyxovirus 16797 (BatPV-1)
	<i>Jeilongvirus erinacei</i>	belerina virus (BeV)
	<i>Jeilongvirus felis</i>	feline paramyxovirus (FPaV)
	<i>Jeilongvirus madagascarensis</i>	bat paramyxovirus 17770 (BatPV-2)
	<i>Jeilongvirus murinae</i>	bat paramyxovirus (BatPV-3)
	<i>Jeilongvirus rungweense</i>	ruloma virus (RuIV)
	<i>Jun jeilongvirus</i>	J virus (JV)
	<i>Lophuromys jeilongvirus 1</i>	Mount Mabu Lophuromys virus 1 (MMLV-1)
	<i>Lophuromys jeilongvirus 2</i>	Mount Mabu Lophuromys virus 2 (MMLV-2)
	<i>Miniopteran jeilongvirus</i>	Shaan virus (ShaV)
	<i>Myodes jeilongvirus</i>	Pohorje Myodes paramyxovirus 1 (PMPV-1)
	<i>Tailam jeilongvirus</i>	Tailam virus (TaiV)
<i>Morbillivirus</i>	<i>Canine morbillivirus</i>	canine distemper virus (CDV)
	<i>Cetacean morbillivirus</i>	cetacean morbillivirus (CeMV)
	<i>Feline morbillivirus</i>	feline morbillivirus (FeMV)
	<i>Measles morbillivirus</i>	measles virus (MeV)
	<i>Phocine morbillivirus</i>	phocine distemper virus (PDV)

Table 4 (continued)

Genus	Species [¶]	Virus (Abbreviation) ^{&}
	<i>Rinderpest morbillivirus</i>	rinderpest virus (RPV)
	<i>Small ruminant morbillivirus</i>	peste-des-petits-ruminants virus (PPRV)
<i>Narmovirus</i>	<i>Mossman narmovirus</i>	Mossman virus (MossV)
	<i>Myodes narmovirus</i>	bank vole virus 1 (BaV-1)
	<i>Nariva narmovirus</i>	Nariva virus (NarV)
	<i>Tupaia narmovirus</i>	Tupaia paramyxovirus (TupV)
<i>Respirovirus</i>	<i>Bovine respirovirus 3</i>	bovine parainfluenza virus 3 (BPIV-3)
	<i>Caprine respirovirus 3</i>	caprine parainfluenzavirus 3 (CPIV-3)
	<i>Human respirovirus 1</i>	human parainfluenza virus 1 (HPIV-1)
	<i>Human respirovirus 3</i>	human parainfluenza virus 3 (HPIV-3)
	<i>Murine respirovirus</i>	Sendai virus (SeV)
	<i>Porcine respirovirus 1</i>	porcine parainfluenza virus 1 (PPIV-1)
	<i>Squirrel respirovirus</i>	giant squirrel virus (GSqV)
<i>Salemvirus</i>	<i>Salem salemvirus</i>	Salem virus (SalV)
Subfamily Rubulavirinae		
<i>Orthorubulavirus</i>	<i>Human orthorubulavirus 2</i>	human parainfluenza virus 2 (HPIV-2)
	<i>Human orthorubulavirus 4</i>	human parainfluenza virus 4a (HPIV-4a) human parainfluenza virus 4b (HPIV-4b)
	<i>Mammalian orthorubulavirus 5</i>	parainfluenza virus 5 (PIV-5)
	<i>Mammalian orthorubulavirus 6</i>	Alston virus (AlsV)
	<i>Mapuera orthorubulavirus</i>	Mapuera virus (MapV)
	<i>Mumps orthorubulavirus</i>	mumps virus (MuV)
	<i>Porcine orthorubulavirus</i>	La Piedad Michoacán Mexico virus (LPMV)
	<i>Simian orthorubulavirus</i>	simian virus 41 (SV-41)
<i>Pararubulavirus</i>	<i>Achimota pararubulavirus 1</i>	Achimota virus 1 (AchPV-1)
	<i>Achimota pararubulavirus 2</i>	Achimota virus 2 (AchPV-2)
	<i>Hervey pararubulavirus</i>	Hervey virus (HerV)
	<i>Menangle pararubulavirus</i>	Menangle virus (MenPV)
	<i>Sosuga pararubulavirus</i>	Sosuga virus (SOSV)
	<i>Teviot pararubulavirus</i>	Teviot virus (TevPV)
	<i>Tioman pararubulavirus</i>	Tioman virus (TioPV)
	<i>Tuhoko pararubulavirus 1</i>	Tuhoko virus 1 (ThkPV-1)
	<i>Tuhoko pararubulavirus 2</i>	Tuhoko virus 2 (ThkPV-2)
	<i>Tuhoko pararubulavirus 3</i>	Tuhoko virus 3 (ThkPV-3)
Unassigned (to subfamilies)		
<i>Cynoglossusvirus</i>	<i>Cynoglossus cynoglossusvirus</i>	Wēnlíng tonguesole paramyxovirus (WTSPV)
<i>Hoplichthysvirus</i>	<i>Hoplichthys hoplichthysvirus</i>	Wēnlíng hoplichthys paramyxovirus (WHPV)
<i>Scoliodonvirus</i>	<i>Scoliodon scoliodonvirus</i>	Wēnzhōu pacific spadenose shark paramyxovirus (WPSSPV)
Family Pneumoviridae		
<i>Metapneumovirus</i>	<i>Avian metapneumovirus</i>	avian metapneumovirus (AMPV)
	<i>Human metapneumovirus</i>	human metapneumovirus (HMPV)
<i>Orthopneumovirus</i>	<i>Bovine orthopneumovirus</i>	bovine respiratory syncytial virus (BRSV)
	<i>Human orthopneumovirus</i>	human respiratory syncytial virus (HRSV)
	<i>Murine orthopneumovirus</i>	murine pneumonia virus (MPV)
Family Rhabdoviridae		
Subfamily Alpharhabdovirinae		
<i>Almendravirus</i>	<i>Almendravirus almendras</i>	Puerto Almendras virus (PTAMV)
	<i>Almendravirus arboretum</i>	Arboretum virus (ABTV)

Table 4 (continued)

Genus	Species [¶]	Virus (Abbreviation) ^{&}
	<i>Almendravirus balsa</i>	Balsa virus (BALV)
	<i>Almendravirus chico</i>	Rio Chico virus (RCHV)
	<i>Almendravirus cootbay</i>	Coot Bay virus (CBV)
	<i>Almendravirus menghai</i>	Menghai virus (MRV)
<i>Alphanemrhavirus</i>	<i>Alphanemrhavirus xingshan</i>	Xingshan nematode virus 4 (XsNV-4)
	<i>Alphanemrhavirus xinzhou</i>	Xinzhou nematode virus 4 (XzNV-4)
<i>Alphapaprhavirus</i>	<i>Alphapaprhavirus hubei</i>	Hubei lepidoptera virus 2 (HbLV-2)
	<i>Alphapaprhavirus pararge</i>	Pararge aegeria rhabdovirus (PAeRV)
<i>Alpharicinrhavirus</i>	<i>Alpharicinrhavirus blanchseco</i>	Blanchseco virus (BCOV)
	<i>Alpharicinrhavirus bole</i>	Bole tick virus 2 (BITV-2)
	<i>Alpharicinrhavirus wuhan</i>	Wuhan tick virus 1 (WhTV-1)
<i>Amplylivirus</i>	<i>Amplylivirus cinereus</i>	frog lyssa-like virus 1 (FLLV-1)
<i>Arurhavirus</i>	<i>Arurhavirus aruac</i>	Aruac virus (ARUV)
	<i>Arurhavirus inhangapi</i>	Inhangapi virus (INHV)
	<i>Arurhavirus santabarbara</i>	Santa Barbara virus (SBAV)
	<i>Arurhavirus xiburema</i>	Xiburema virus (XIBV)
<i>Barhavirus</i>	<i>Barhavirus bahia</i>	Bahia Grande virus (BGV)
		Harlingen virus (HARV)
	<i>Barhavirus muir</i>	Muir Springs virus (MSV)
<i>Caligrhavirus</i>	<i>Caligrhavirus caligus</i>	Caligus rogercresseyi rhabdovirus (CRogRV)
	<i>Caligrhavirus lepeophtheirus</i>	Lepeophtheirus salmonis rhabdovirus 127 (LSaIRV-127)
	<i>Caligrhavirus salmonlouse</i>	Lepeophtheirus salmonis rhabdovirus 9 (LSaIRV-9)
<i>Cetarhavirus</i>	<i>Cetarhavirus laganorhynchus</i>	dolphin rhabdovirus (DRV)
	<i>Cetarhavirus phocoena</i>	harbour porpoise rhabdovirus (HPRV)
<i>Curiovirus</i>	<i>Curiovirus curionopolis</i>	Curionopolis virus (CURV)
	<i>Curiovirus iriri</i>	Iriri virus (IRIRV)
	<i>Curiovirus itacaiunas</i>	Itacaiunas virus (ITAV)
	<i>Curiovirus rochambeau</i>	Rochambeau virus (RBUV)
<i>Ephemerovirus</i>	<i>Ephemerovirus adelaide</i>	Adelaide River virus (ARV)
	<i>Ephemerovirus berrimah</i>	Berrimah virus (BRMV)
	<i>Ephemerovirus febris</i>	bovine ephemeral fever virus (BEFV)
	<i>Ephemerovirus hayes</i>	Hayes Yard virus (HYV)
	<i>Ephemerovirus kent</i>	New Kent County virus (NKCV)
	<i>Ephemerovirus kimberley</i>	Kimberley virus (KIMV)
		Malakal virus (MALV)
	<i>Ephemerovirus koolpinyah</i>	Koolpinyah virus (KOOLV)
	<i>Ephemerovirus kotonkan</i>	kotonkan virus (KOTV)
	<i>Ephemerovirus obodhiang</i>	Obodhiang virus (OBOV)
	<i>Ephemerovirus puchong</i>	Puchong virus (PUCV)
	<i>Ephemerovirus yata</i>	Yata virus (YATV)
<i>Hapavirus</i>	<i>Hapavirus bangoran</i>	Bangoran virus (BGNV)
	<i>Hapavirus flanders</i>	Flanders virus (FLAV)
	<i>Hapavirus graylodge</i>	Gray Lodge virus (GLOV)
	<i>Hapavirus hartpark</i>	Hart Park virus (HPV)
	<i>Hapavirus holmes</i>	Holmes Jungle virus (HOJV)
	<i>Hapavirus joinjakaka</i>	Joinjakaka virus (JOIV)
	<i>Hapavirus kamese</i>	Kamese virus (KAMV)
	<i>Hapavirus lajoya</i>	La Joya virus (LJV)
	<i>Hapavirus landjia</i>	Landjia virus (LANV = LJAV)
	<i>Hapavirus manitoba</i>	Manitoba virus (MANV = MNTBV)

Table 4 (continued)

Genus	Species [¶]	Virus (Abbreviation) ^{&}
	<i>Hapavirus marco</i>	Marco virus (MCOV)
	<i>Hapavirus mosqueiro</i>	Mosqueiro virus (MQOV)
	<i>Hapavirus mossuril</i>	Mossuril virus (MOSV)
	<i>Hapavirus ngaingan</i>	Ngaingan virus (NGAV)
	<i>Hapavirus ord</i>	Ord River virus (ORV)
	<i>Hapavirus parry</i>	Parry Creek virus (PCV)
	<i>Hapavirus porton</i>	Porton virus (PORV)
	<i>Hapavirus wongabel</i>	Wongabel virus (WONV)
<i>Ledantevirus</i>	<i>Ledantevirus barur</i>	Barur virus (BARV)
	<i>Ledantevirus bughendera</i>	Bughendera virus (BUGV)
	<i>Ledantevirus elgon</i>	Mount Elgon bat virus (MEBV)
	<i>Ledantevirus fikirini</i>	Fikirini virus (FKRV)
	<i>Ledantevirus fukuoka</i>	Fukuoka virus (FUKV)
	<i>Ledantevirus kanyawara</i>	Kanyawara virus (KYAV)
	<i>Ledantevirus kern</i>	Kern Canyon virus (KCV)
	<i>Ledantevirus keuraliba</i>	Keuraliba virus (KEUV)
	<i>Ledantevirus kolente</i>	Kolente virus (KOLEV)
	<i>Ledantevirus kumasi</i>	Kumasi rhabdovirus (KRV)
	<i>Ledantevirus ledantec</i>	Le Dantec virus (LDV)
	<i>Ledantevirus nishimuro</i>	Nishimuro virus (NISV)
	<i>Ledantevirus nkolbisson</i>	Nkolbisson virus (NKOV)
	<i>Ledantevirus oita</i>	Oita virus (OITAV)
	<i>Ledantevirus taiyi</i>	Taiyi bat virus (TYBV)
	<i>Ledantevirus vaprio</i>	Vaprio virus (VAPV)
	<i>Ledantevirus wuhan</i>	Wuhan louse fly virus 5 (WLFV-5)
	<i>Ledantevirus yongjia</i>	Yongjia tick virus 2 (YTV-2)
<i>Lostrhavirus</i>	<i>Lostrhavirus hyalomma</i>	Xinjiang tick rhabdovirus (XjTRV)
	<i>Lostrhavirus lonestar</i>	lone star tick rhabdovirus (LITRV)
<i>Lyssavirus</i>	<i>Lyssavirus aravan</i>	Aravan virus (ARAV)
	<i>Lyssavirus australis</i>	Australian bat lyssavirus (ABLV)
	<i>Lyssavirus bokeloh</i>	Bokeloh bat lyssavirus (BBLV)
	<i>Lyssavirus caucasicus</i>	West Caucasian bat virus (WCBV)
	<i>Lyssavirus duvenhage</i>	Duvenhage virus (DUVV)
	<i>Lyssavirus formosa</i>	Taiwan bat lyssavirus (TWBLV)
	<i>Lyssavirus gannoruwa</i>	Gannoruwa bat lyssavirus (GBLV)
	<i>Lyssavirus hamburg</i>	European bat lyssavirus 1 (EBLV-1)
	<i>Lyssavirus helsinki</i>	European bat lyssavirus 2 (EBLV-2)
	<i>Lyssavirus ikoma</i>	Ikoma lyssavirus (IKOV)
	<i>Lyssavirus irkut</i>	Irkut virus (IRKV)
	<i>Lyssavirus khujand</i>	Khujand virus (KHUV)
	<i>Lyssavirus lagos</i>	Lagos bat virus (LBV)
	<i>Lyssavirus lleida</i>	Lleida bat lyssavirus (LLEBV)
	<i>Lyssavirus mokola</i>	Mokola virus (MOKV)
	<i>Lyssavirus rabies</i>	rabies virus (RABV)
	<i>Lyssavirus shimoni</i>	Shimoni bat virus (SHIBV)
<i>Merhavirus</i>	<i>Merhavirus merida</i>	Merida virus (MERDV)
	<i>Merhavirus tritaeniorhynchus</i>	Culex tritaeniorhynchus rhabdovirus (CTRV)
<i>Mousrhavirus</i>	<i>Mousrhavirus moussa</i>	Moussa virus (MOUV)
<i>Ohlsrhavirus</i>	<i>Ohlsrhavirus angeles</i>	Culex rhabdo-like virus Los Angeles (CRLVLA)
	<i>Ohlsrhavirus culex</i>	Culex rhabdo-like virus (CRLV)

Table 4 (continued)

Genus	Species [¶]	Virus (Abbreviation) ^{&}
	<i>Ohlsrhavirus lobeira</i>	Lobeira virus (LOBV)
	<i>Ohlsrhavirus northcreek</i>	North Creek virus (NORCV)
	<i>Ohlsrhavirus ohlsdorf</i>	Ohlsdorf virus (OHLDV)
	<i>Ohlsrhavirus pseudovishnui</i>	Culex pseudovishnui rhabdo-like virus (CpRLV)
	<i>Ohlsrhavirus riverside</i>	Riverside virus (RISV)
	<i>Ohlsrhavirus tongilchon</i>	Tongilchon virus 1 (TCHV-1)
<i>Perhabdovirus</i>	<i>Perhabdovirus anguilla</i>	eel virus American (EVA) eel virus European X (EVEX)
	<i>Perhabdovirus leman</i>	Leman virus (LeRV)
	<i>Perhabdovirus perca</i>	perch rhabdovirus (PRV)
	<i>Perhabdovirus trutta</i>	lake trout rhabdovirus (LTRV)
<i>Replivivirus</i>	<i>Replivivirus allogus</i>	anole lyssa-like virus 1 (ALLV-1)
<i>Sawgrhavirus</i>	<i>Sawgrhavirus connecticut</i>	Connecticut virus (CNTV)
	<i>Sawgrhavirus longisland</i>	Long Island tick rhabdovirus (LITRV)
	<i>Sawgrhavirus minto</i>	New Minto virus (NMV)
	<i>Sawgrhavirus sawgrass</i>	Sawgrass virus (SAWV)
<i>Scophrhavirus</i>	<i>Scophrhavirus chanodychthys</i>	Wuhan redfin culter dimarhabdovirus (WhRFCRV)
	<i>Scophrhavirus maximus</i>	Scophthalmus maximus rhabdovirus (SMRV)
<i>Sigmavirus</i>	<i>Sigmavirus affinis</i>	Drosophila affinis sigmavirus (DAffSV)
	<i>Sigmavirus ananassae</i>	Drosophila ananassae sigmavirus (DAnaSV)
	<i>Sigmavirus capitata</i>	Ceratitis capitata sigmavirus (CCapSV)
	<i>Sigmavirus domestica</i>	Wuhan fly virus 2 (WhFV-2)
	<i>Sigmavirus hippoboscid</i>	Wuhan louse fly virus 9 (WhLFV-9)
	<i>Sigmavirus hubei</i>	Hubei diptera virus 9 (HbDV-9)
	<i>Sigmavirus immigrans</i>	Drosophila immigrans sigmavirus (DImmSV)
	<i>Sigmavirus lousefly</i>	Wuhan louse fly virus 10 (WhLFV-10)
	<i>Sigmavirus melanogaster</i>	Drosophila melanogaster sigmavirus (DMelSV)
	<i>Sigmavirus muscina</i>	Muscina stabulans sigmavirus (MStSV)
	<i>Sigmavirus myga</i>	Hubei diptera virus 10 (HbDV-10)
	<i>Sigmavirus obscura</i>	Drosophila obscura sigmavirus (DObsSV)
	<i>Sigmavirus shayang</i>	Shayang fly virus 2 (SyFV-1)
	<i>Sigmavirus sturtevantii</i>	Drosophila sturtevantii sigmavirus (DStuSV)
	<i>Sigmavirus tristis</i>	Drosophila tristis sigmavirus (DTrSV)
	<i>Sigmavirus wuhan</i>	Wuhan house fly virus 1 (WhHFV-1)
	<i>Sigmavirus ying</i>	Hubei dimarhabdovirus 1 (HbDRV-1)
<i>Siniperhavirus</i>	<i>Siniperhavirus chuatsi</i>	Chinese rice-field eel rhabdovirus (CrERV) hybrid snakehead rhabdovirus (HSHRV) Siniperca chuatsi rhabdovirus (SCRV) Micropterus salmoides rhabdovirus (MSRV)
	<i>Siniperhavirus zoarces</i>	eelpout rhabdovirus (EPRV)
<i>Sprivivirus</i>	<i>Sprivivirus cyprinus</i>	spring viremia of carp virus (SVCV)
	<i>Sprivivirus esox</i>	grass carp rhabdovirus (GrCRV) pike fry rhabdovirus (PFRV) tench rhabdovirus (TenRV)
<i>Sripuvirus</i>	<i>Sripuvirus almpiwar</i>	Almpiwar virus (ALMV)
	<i>Sripuvirus chaco</i>	Chaco virus (CHOV)
	<i>Sripuvirus charleville</i>	Charleville virus (CHVV)
	<i>Sripuvirus cuiaba</i>	Cuiaba virus (CUIV)
	<i>Sripuvirus hainan</i>	Hainan black-spectacled toad rhabdovirus (HnBSTRV)
	<i>Sripuvirus madureira</i>	Sena Madureira virus (SMV)

Table 4 (continued)

Genus	Species [¶]	Virus (Abbreviation) ^{&}
	<i>Sripuvirus niakha</i>	Niakha virus (NIAV)
	<i>Sripuvirus sripur</i>	Sripur virus (SRIV)
<i>Sunrhavirus</i>	<i>Sunrhavirus alexandria</i>	Burg el Arab virus (BEAV)
	<i>Sunrhavirus bimbo</i>	Bimbo virus (BBOV)
	<i>Sunrhavirus boteke</i>	Boteke virus (BOTV)
	<i>Sunrhavirus dillard</i>	Dillard's Draw virus (DDRv)
	<i>Sunrhavirus garba</i>	Garba virus (GARV)
	<i>Sunrhavirus harrison</i>	Harrison Dam virus (HARDV)
	<i>Sunrhavirus kolongo</i>	Kolongo virus (KOLV)
	<i>Sunrhavirus kwatta</i>	Kwatta virus (KWAV)
	<i>Sunrhavirus matariya</i>	Matariya virus (MTYV)
	<i>Sunrhavirus nasoule</i>	Nasoule virus (NASV)
	<i>Sunrhavirus oakvale</i>	Oak Vale virus (OVV)
	<i>Sunrhavirus ouango</i>	Ouango virus (OUAV)
	<i>Sunrhavirus sandjimba</i>	Sandjimba virus (SIAV)
	<i>Sunrhavirus sunguru</i>	Sunguru virus (SUNV)
	<i>Sunrhavirus walkabout</i>	Walkabout Creek virus (WACV)
<i>Tibrovirus</i>	<i>Tibrovirus alphaekpoma</i>	Ekpoma virus 1 (EKV-1)
	<i>Tibrovirus beatrice</i>	Beatrice Hill virus (BHV)
	<i>Tibrovirus betaekpoma</i>	Ekpoma virus 2 (EKV-2)
	<i>Tibrovirus coastal</i>	Coastal Plains virus (CPV)
	<i>Tibrovirus congo</i>	Bas-Congo virus (BASV)
	<i>Tibrovirus sweetwater</i>	Sweetwater Branch virus (SWBV)
	<i>Tibrovirus tibrogargan</i>	Bivens Arm virus (BAV)
		Tibrogargan virus (TIBV)
<i>Tupavirus</i>	<i>Tupavirus durham</i>	Durham virus (DURV)
	<i>Tupavirus klamath</i>	Klamath virus (KLAV)
	<i>Tupavirus tupaia</i>	tupaia rhabdovirus (TUPV)
<i>Vesiculovirus</i>	<i>Vesiculovirus alagoas</i>	vesicular stomatitis Alagoas virus (VSAV)
	<i>Vesiculovirus bogdanovac</i>	Yug Bogdanovac virus (YBV)
	<i>Vesiculovirus carajas</i>	Carajás virus (CJSV)
	<i>Vesiculovirus chandipura</i>	Chandipura virus (CHPV)
	<i>Vesiculovirus cocal</i>	Cocal virus (COCV)
	<i>Vesiculovirus eptesicus</i>	American bat vesiculovirus (ABVV)
	<i>Vesiculovirus indiana</i>	vesicular stomatitis Indiana virus (VSIV)
	<i>Vesiculovirus isfahan</i>	Isfahan virus (ISFV)
	<i>Vesiculovirus jurona</i>	Jurona virus (JURV)
	<i>Vesiculovirus malpais</i>	Malpais Spring virus (MSPV)
	<i>Vesiculovirus maraba</i>	Maraba virus (MARAV)
	<i>Vesiculovirus mediterranean</i>	Mediterranean bat virus (MBV)
	<i>Vesiculovirus morreton</i>	Morreton virus (MORV)
	<i>Vesiculovirus newjersey</i>	vesicular stomatitis New Jersey virus (VSNJV)
	<i>Vesiculovirus perinet</i>	Perinet virus (PERV)
	<i>Vesiculovirus piry</i>	Piry virus (PIRYV)
	<i>Vesiculovirus radi</i>	Radi virus (RADV)
	<i>Vesiculovirus rhinolophus</i>	Jinghong bat virus (JhBV)
		Qiongzong bat virus (QZBV)
	<i>Vesiculovirus yinshui</i>	Yinshui bat virus (YSBV)
<i>Zarhavirus</i>	<i>Zarhavirus zahedan</i>	Zahedan rhabdovirus (ZARV)

Table 4 (continued)

Genus	Species [¶]	Virus (Abbreviation) ^{&}	
Subfamily <i>Betarhabdovirinae</i>			
<i>Alphanucleorhabdovirus</i>	<i>Alphanucleorhabdovirus colocasiae</i>	taro vein chlorosis virus (TaVCoV)	
	<i>Alphanucleorhabdovirus constricta</i>	constricta yellow dwarf virus (CYDV)	
	<i>Alphanucleorhabdovirus joa</i>	joa yellow blotch associated virus (JYBaV)	
	<i>Alphanucleorhabdovirus maydis</i>	maize mosaic virus (MMV)	
	<i>Alphanucleorhabdovirus melongenae</i>	eggplant mottled dwarf virus (EMDV)	
	<i>Alphanucleorhabdovirus morogoromaydis</i>	Morogoro maize-associated virus (MMAV)	
	<i>Alphanucleorhabdovirus oryzae</i>	rice transitory yellowing virus (RTYV) rice yellow stunt virus (RYSV)	
	<i>Alphanucleorhabdovirus physostegiae</i>	Physostegia chlorotic mottle virus (PhCMoV)	
	<i>Alphanucleorhabdovirus pruni</i>	peach virus 1 (PeV1)	
	<i>Alphanucleorhabdovirus tritici</i>	wheat yellow striate virus (WYSV)	
	<i>Alphanucleorhabdovirus tuberosum</i>	potato yellow dwarf virus (PYDV)	
	<i>Alphanucleorhabdovirus zeairanense</i>	maize Iranian mosaic virus (MIMV)	
	<i>Betanucleorhabdovirus</i>	<i>Betanucleorhabdovirus bacopae</i>	Bacopa monnieri virus 2 (BmV-2)
		<i>Betanucleorhabdovirus cardamomi</i>	cardamom vein clearing virus (CdVCoV)
<i>Betanucleorhabdovirus daturae</i>		datura yellow vein virus (DYVV)	
<i>Betanucleorhabdovirus loti</i>		birds-foot trefoil-associated virus (BFTV)	
<i>Betanucleorhabdovirus mali</i>		apple rootstock virus A (ApRVA)	
<i>Betanucleorhabdovirus medicagonis</i>		alfalfa-associated nucleorhabdovirus (AaNv)	
<i>Betanucleorhabdovirus retesonchi</i>		Sonchus yellow net virus (SYNV)	
<i>Betanucleorhabdovirus ribes</i>		blackcurrant-associated rhabdovirus (BCaRV)	
<i>Betanucleorhabdovirus venasonchi</i>		sowthistle yellow vein virus (SYVV)	
<i>Betanucleorhabdovirus zanthoxyli</i>		Zhuye pepper nucleorhabdovirus (ZPNRV)	
<i>Cytorhabdovirus</i>		<i>Cytorhabdovirus alphatrifolii</i>	Trifolium pratense virus A (TpVA)
		<i>Cytorhabdovirus alphawuhaninsectum</i>	Wuhan insect virus 4 (WuIV-4)
		<i>Cytorhabdovirus bacopae</i>	Bacopa monnieri virus 1 (BmV-1)
	<i>Cytorhabdovirus betatrifolii</i>	Trifolium pratense virus B (TpVB)	
	<i>Cytorhabdovirus betawuhaninsectum</i>	Wuhan insect virus 5 (WuIV-5)	
	<i>Cytorhabdovirus brassicae</i>	broccoli necrotic yellows virus (BNYV)	
	<i>Cytorhabdovirus brassicicola</i>	cabbage cytorhabdovirus 1 (CCyV-1)	
	<i>Cytorhabdovirus broussonetiae</i>	paper mulberry mosaic associated virus (PMuMaV)	
	<i>Cytorhabdovirus caricae</i>	papaya virus E (PpVE)	
	<i>Cytorhabdovirus chrysanthemi</i>	chrysanthemum yellow dwarf associated virus (CYDaV)	
	<i>Cytorhabdovirus colocasiae</i>	Colocasia bobone disease-associated virus (CBDaV)	
	<i>Cytorhabdovirus cucurbitae</i>	cucurbit cytorhabdovirus 1 (CuCV-1)	
	<i>Cytorhabdovirus festucae</i>	Festuca leaf streak virus (FLSV)	
	<i>Cytorhabdovirus flaviyerbamate</i>	yerba mate chlorosis-associated virus (YmCaV)	
	<i>Cytorhabdovirus fragariae</i>	strawberry-associated virus 1 (SaV-1) strawberry virus 1 (StrV-1)	
	<i>Cytorhabdovirus fragariarugosus</i>	strawberry crinkle virus (SCV)	
	<i>Cytorhabdovirus gammawuhaninsectum</i>	Wuhan insect virus 6 (WuIV-6)	
	<i>Cytorhabdovirus gramineae</i>	northern cereal mosaic virus (NCMV)	
	<i>Cytorhabdovirus hordei</i>	barley yellow striate mosaic virus (BYSMV)	
	<i>Cytorhabdovirus lactucamaculante</i>	lettuce yellow mottle virus (LYMoV)	
<i>Cytorhabdovirus lactucanecante</i>	lettuce necrotic yellows virus (LNYV)		
<i>Cytorhabdovirus lycopersici</i>	tomato yellow mottle-associated virus (TYMaV)		
<i>Cytorhabdovirus maydis</i>	maize-associated cytorhabdovirus (MaCV)		
<i>Cytorhabdovirus maysflavostriatis</i>	maize yellow striate virus (MYSV)		
<i>Cytorhabdovirus medicagonis</i>	alfalfa dwarf virus (ADV)		

Table 4 (continued)

Genus	Species [¶]	Virus (Abbreviation) ^{&}
	<i>Cytorhabdovirus oryzae</i>	rice stripe mosaic virus (RSMV)
	<i>Cytorhabdovirus persimmon</i>	persimmon virus A (PeVA)
	<i>Cytorhabdovirus rosae</i>	rose virus R (RVR)
	<i>Cytorhabdovirus rubus</i>	raspberry vein chlorosis virus (RVCV)
	<i>Cytorhabdovirus sonchi</i>	Sonchus virus (SonV)
	<i>Cytorhabdovirus trichosanthei</i>	Trichosanthes associated rhabdovirus 1 (TrARV1)
	<i>Cytorhabdovirus tritici</i>	wheat American striate mosaic virus (WASMV)
	<i>Cytorhabdovirus yerbamate</i>	yerba mate virus A (YmVA)
<i>Dichorhavirus</i>	<i>Dichorhavirus citri</i>	citrus chlorotic spot virus (CiCSV)
	<i>Dichorhavirus clerodendri</i>	clerodendrum chlorotic spot virus (CICSV)
	<i>Dichorhavirus coffeae</i>	coffee ringspot virus (CoRSV)
	<i>Dichorhavirus leprosis</i>	citrus leprosis virus N (CiLV-N)
	<i>Dichorhavirus orchidaceae</i>	orchid fleck virus (OFV)
<i>Gammanucleorhabdovirus</i>	<i>Gammanucleorhabdovirus maydis</i>	maize fine streak virus (MFSV)
<i>Varicosavirus</i>	<i>Varicosavirus alopecuri</i>	Alopecurus myosuroides varicosavirus 1 (AMVV-1)
	<i>Varicosavirus lactucae</i>	lettuce big-vein associated virus (LBVaV)
	<i>Varicosavirus trifolii</i>	red clover associated varicosavirus (RCaVV)
Subfamily Gammarhabdovirinae		
<i>Novirhabdovirus</i>	<i>Novirhabdovirus hirame</i>	hirame rhabdovirus (HIRRV = HIRV)
	<i>Novirhabdovirus piscine</i>	viral hemorrhagic septicemia virus (VHSV)
	<i>Novirhabdovirus salmonid</i>	infectious hematopoietic necrosis virus (IHNV)
	<i>Novirhabdovirus snakehead</i>	snakehead rhabdovirus (SHRV)
Unassigned (to subfamilies)		
<i>Alphacrustrhavirus</i>	<i>Alphacrustrhavirus wenling</i>	Wenling crustacean virus 10 (WICV-10)
	<i>Alphacrustrhavirus zhejiang</i>	Wenling crustacean virus 11 (WICV-11)
<i>Alphadrosrhavirus</i>	<i>Alphadrosrhavirus hubei</i>	Wuhan house fly virus 2 (WhHFV-2)
	<i>Alphadrosrhavirus shayang</i>	Shayang fly virus 3 (SyFV-3)
<i>Alphahymrhavirus</i>	<i>Alphahymrhavirus cinereus</i>	hymenopteran rhabdo-related virus 38 (HyRRV-38)
	<i>Alphahymrhavirus hirtum</i>	hymenopteran rhabdo-related virus 109 (HyRRV-109)
	<i>Alphahymrhavirus neglectus</i>	<i>Lasius neglectus</i> virus 2 (LnegV-2)
	<i>Alphahymrhavirus radians</i>	hymenopteran rhabdo-related virus 46 (HyRRV-46)
<i>Betahymrhavirus</i>	<i>Betahymrhavirus austriaca</i>	hymenopteran rhabdo-related virus 23 (HyRRV-23)
	<i>Betahymrhavirus heterodontonyx</i>	hymenopteran rhabdo-related virus 24 (HyRRV-24)
<i>Betanemrhavirus</i>	<i>Betanemrhavirus hubei</i>	Hubei rhabdo-like virus 9 (HbRLV-9)
	<i>Betanemrhavirus shayang</i>	Shayang ascaridia galli virus 2 (SyAGV-2)
<i>Betapaprhavirus</i>	<i>Betapaprhavirus frugiperda</i>	Spodoptera frugiperda rhabdovirus (SfruRV)
	<i>Betapaprhavirus sylvina</i>	lepidopteran rhabdo-related virus 34 (LeRRV-34)
<i>Betaricinhavirus</i>	<i>Betaricinhavirus chimay</i>	Chimay rhabdovirus (CRV)
	<i>Betaricinhavirus scapularis</i>	blacklegged tick rhabdovirus 1 (BLTRV-1)
Family Sunviridae		
<i>Sunshinevirus</i>	<i>Sunshinevirus reptilis</i>	Sunshine Coast virus (SunCV)
Family Xinmoviridae		
<i>Alasvirus</i>	<i>Alasvirus muscae</i>	Húběi diptera virus 11 (HbDV-11)
<i>Anphevirus</i>	<i>Anphevirus xinchengense</i>	Xīnchéng mosquito virus (XcMV)
<i>Doupovirus</i>	<i>Doupovirus australiaense</i>	<i>Culex mononega</i> -like virus 2 (CMLV-2)
<i>Draselvirus</i>	<i>Draselvirus dentati</i>	Húběi rhabdo-like virus 7 (HbRLV-7)
<i>Drunivirus</i>	<i>Drunivirus chamonense</i>	<i>Drosophila unispina</i> virus 1 (DuniV-1)
<i>Gambievirus</i>	<i>Gambievirus bolahunense</i>	Bolahun virus (BLHV)

Table 4 (continued)

Genus	Species [¶]	Virus (Abbreviation) ^{&}
	<i>Gambievirus senegalense</i>	Gambie virus (GAMV)
<i>Gylbovirus</i>	<i>Gylbovirus aagae</i>	Aedes anphevirus (AeAV)
<i>Hoptevirus</i>	<i>Hoptevirus orthoptera</i>	Húběi orthoptera virus 5 (HbOV-5)
<i>Madalivirus</i>	<i>Madalivirus amapaense</i>	Anopheles marajoara virus (AnMV)
	<i>Madalivirus amazonaense</i>	Anopheles darlingi virus (AnDV)
<i>Pelmivirus</i>	<i>Pelmivirus eymattense</i>	hymenopteran anphe-related virus OKIAV71 (HARV-71)
<i>Triniovirus</i>	<i>Triniovirus yonagoense</i>	Culex tritaeniorhynchus anphevirus (CtAV)
<i>Ulegvirus</i>	<i>Ulegvirus freckenfeldense</i>	odonatan anphe-related virus OKIAV59 (OARV-59)

Note that viruses are real objects that are assigned to concepts that are called taxa. Species, genera, subfamilies, families, and orders are taxa

[¶]Includes: Newcastle disease virus (NDV)

[¶]Taxon names are always italicized and always begin with a capital letter

[&]Virus names are not italicized and are not capitalized, except if the name or a name component is a proper noun. This column lists the virus names with their correct (lack of) capitalization. Lists of viruses within a given species are provisional at this point and will likely be amended in the near future

Table 5 ICTV-accepted taxonomy of the order *Goujianvirales* (*Negarnaviricota*: *Haploviricotina*: *Yunchangviricetes*) as of March 2022

Genus	Species [¶]	Virus (Abbreviation) ^{&}
Family Yueviridae		
<i>Yuyuevirus</i>	<i>Yuyuevirus beihaiense</i>	Běihǎi sesarmid crab virus 3 (BhSCV-3)
	<i>Yuyuevirus shaheense</i>	Shāhē yuèvirus-like virus 1 (ShYLV-1)

Note that viruses are real objects that are assigned to concepts that are called taxa. Species, genera, families, and orders are taxa

[¶]Taxon names are always italicized and always begin with a capital letter

[&]Virus names are not italicized and are not capitalized, except if the name or a name component is a proper noun. This column lists the virus names with their correct (lack of) capitalization

Table 6 ICTV-accepted taxonomy of the order *Bunyavirales* (*Negarnaviricota*: *Polyploviricotina*: *Ellioviricetes*) as of March 2022

Genus	Species [¶]	Virus (Abbreviation) ^{&}
Family Arenaviridae		
<i>Antennavirus</i>	<i>Hairy antennavirus</i>	Wēnlíng frogfish arenavirus 2 (WIFAV-2)
	<i>Salmon antennavirus</i>	salmon pescarenavirus 1 (SPAV-1) salmon pescarenavirus 2 (SPAV-2)
<i>Hartmanivirus</i>	<i>Striated antennavirus</i>	Wēnlíng frogfish arenavirus 1 (WIFAV-1)
	<i>Haartman hartmanivirus</i>	Haartman Institute snake virus 1 (HISV-1) Haartman Institute snake virus 2 (HISV-2)
	<i>Heimat hartmanivirus</i>	andere Heimat virus 1 (aHeV-1)
	<i>Muikkunen hartmanivirus</i>	Dante Muikkunen virus 1 (DaMV-1)
	<i>Schoolhouse hartmanivirus</i>	old schoolhouse virus 1 (OScV-1) old schoolhouse virus 2 (OScV-2)
	<i>Setpatvet hartmanivirus</i>	SetPatVet virus 1 (SPVV-1)
	<i>Zurich hartmanivirus</i>	veterinary pathology Zurich virus 1 (VPZV-1) veterinary pathology Zurich virus 2 (VPZV-2)
	<i>Mammarenavirus</i>	<i>Allpahuayo mammarenavirus</i>
<i>Alxa mammarenavirus</i>		Alxa virus (ALXV)
<i>Argentinian mammarenavirus</i>		Junín virus (JUNV)
<i>Bear Canyon mammarenavirus</i>		Bear Canyon virus (BCNV)
<i>Brazilian mammarenavirus</i>		Sabiá virus (SBAV)
<i>Cali mammarenavirus</i>		Pichindé virus (PICHV)
<i>Chapare mammarenavirus</i>		Chapare virus (CHAPV)
<i>Chevrier mammarenavirus</i>		Lǐjiāng virus (LIJV)
<i>Cupixi mammarenavirus</i>		Cupixi virus (CUPXV)
<i>Flexal mammarenavirus</i>		Flexal virus (FLEV)
<i>Gairo mammarenavirus</i>		Gairo virus (GAIV)
<i>Guanarito mammarenavirus</i>		Guanarito virus (GTOV)
<i>Ippy mammarenavirus</i>		Ippy virus (IPPYV)
<i>Kitale mammarenavirus</i>		Kitale virus (KTLV)
<i>Lassa mammarenavirus</i>		Lassa virus (LASV)
<i>Latino mammarenavirus</i>		Latino virus (LATV)
<i>Loei River mammarenavirus</i>		Loei River virus (LORV)
<i>Lujo mammarenavirus</i>		Lujo virus (LUJV)
<i>Luna mammarenavirus</i>		Luli virus (LULV) Luna virus (LUAV)
<i>Lunk mammarenavirus</i>		Lunk virus (LNKV)
<i>Lymphocytic choriomeningitis mammar- navirus</i>		Dandenong virus (DANV) lymphocytic choriomeningitis virus (LCMV)
<i>Machupo mammarenavirus</i>		Machupo virus (MACV)
<i>Mammarenavirus bituense</i>		Bitu virus (BITV)
<i>Mammarenavirus kwanzaense</i>		Kwanza virus (KWAV)
<i>Mariental mammarenavirus</i>		Mariental virus (MRLV)
<i>Merino Walk mammarenavirus</i>		Merino Walk virus (MRWV)
<i>Mobala mammarenavirus</i>		mobala virus (MOBV)
<i>Mopeia mammarenavirus</i>	Mopeia virus (MPOV) Morogoro virus (MORV)	
<i>Okahandja mammarenavirus</i>	Okahandja virus (OKAV)	
<i>Oliveros mammarenavirus</i>	Oliveros virus (OLVV)	
<i>Paraguayan mammarenavirus</i>	Paraná virus (PRAV)	
<i>Planalto mammarenavirus</i>	Aporé virus (APOV)	

Table 6 (continued)

Genus	Species [¶]	Virus (Abbreviation) ^{&}
	<i>Pirital mammarenavirus</i>	Pirital virus (PIRV)
	<i>Ryukyu mammarenavirus</i>	Ryukyu virus (RYKV)
	<i>Serra do Navio mammarenavirus</i>	Amaparí virus (AMAV)
	<i>Solwezi mammarenavirus</i>	Solwezi virus (SOLV)
	<i>Souris mammarenavirus</i>	souris virus (SOUV)
	<i>Tacaribe mammarenavirus</i>	Tacaribe virus (TCRV)
	<i>Tamiami mammarenavirus</i>	Tamiami virus (TMMV)
	<i>Wenzhou mammarenavirus</i>	Wēnzhōu virus (WENV)
	<i>Whitewater Arroyo mammarenavirus</i>	Big Brushy Tank virus (BBRTV)
		Catarina virus (CTNV)
		Skinner Tank virus (SKTV)
		Tonto Creek virus (TTCV)
		Whitewater Arroyo virus (WWAV)
<i>Reptarenavirus</i>	<i>Xapuri mammarenavirus</i>	Xapuri virus (XAPV)
	<i>California reptarenavirus</i>	CAS virus (CASV)
	<i>Giessen reptarenavirus</i>	University of Giessen virus 1 (UGV-1)
		University of Giessen virus 2 (UGV-2)
		University of Giessen virus 3 (UGV-3)
	<i>Golden reptarenavirus</i>	Golden Gate virus (GOGV)
	<i>Ordinary reptarenavirus</i>	tavallinen suomalainen mies virus 2 (TSMV-2)
	<i>Rotterdam reptarenavirus</i>	ROUT virus (ROUTV)
		University of Helsinki virus 1 (UHV-1)
Family <i>Cruliviridae</i>		
<i>Lincruvirus</i>	<i>Lincruvirus europense</i>	European shore crab virus 1 (EscV-1)
	<i>Lincruvirus sinense</i>	Chinese mitten crab virus 1 (CmcV-1)
	<i>Lincruvirus wenlingense</i>	Wēnling crustacean virus 9 (WICV-9)
Family <i>Discoviridae</i>		
<i>Orthodiscovirus</i>	<i>Orthodiscovirus coniiellae</i>	Coniothyrium diplodiella negative-stranded RNA virus 1 (CdNSRV-1)
		Plasmopara viticola lesion associated mycobunyavirales-like virus 9 (PvLAM-LV-9)
	<i>Orthodiscovirus hispaniae</i>	Plasmopara viticola lesion associated mycobunyavirales-like virus 8 (PvLAM-LV8)
	<i>Orthodiscovirus iberiae</i>	Plasmopara viticola lesion associated mycobunyavirales-like virus 4 (PvLAM-LV4)
	<i>Orthodiscovirus missouriense</i>	Penicillium discovirus (PDV)
	<i>Orthodiscovirus penicillii</i>	Penicillium roseopurpureum negative ssRNA virus 1 (PrNssV-1)
Family <i>Fimoviridae</i>		
<i>Emaravirus</i>	<i>Emaravirus aceris</i>	maple mottle-associated virus (MaMaV)
	<i>Emaravirus actinidiae</i>	Actinidia chlorotic ringspot-associated virus (AcCRaV)
	<i>Emaravirus cajani</i>	pigeonpea sterility mosaic virus 1 (PPSMV-1)
	<i>Emaravirus camelliae</i>	Camellia japonica-associated virus 1 (CjaV-1)
	<i>Emaravirus cercidis</i>	redbud yellow ringspot-associated virus (RYRaV)
	<i>Emaravirus chrysanthemi</i>	chrysanthemum mosaic-associated virus (ChMaV)
	<i>Emaravirus cordylinae</i>	ti ringspot-associated virus (TiRSaV)
	<i>Emaravirus fici</i>	fig mosaic virus (FMV)
	<i>Emaravirus idaeobati</i>	raspberry leaf blotch virus (RLBV)
	<i>Emaravirus kiwii</i>	Actinidia virus 2 (AcV-2)

Table 6 (continued)

Genus	Species [¶]	Virus (Abbreviation) ^{&}
	<i>Emaravirus parkinsoniae</i>	palo verde broom virus (PVBV)
	<i>Emaravirus perillae</i>	perilla mosaic virus (PerMV)
	<i>Emaravirus pistaciae</i>	Pistacia virus B (PiVB)
	<i>Emaravirus populi</i>	aspen mosaic-associated virus (AsMaV)
	<i>Emaravirus pyri</i>	pear chlorotic leaf spot-associated virus (PCLSaV)
	<i>Emaravirus quercus</i>	common oak ringspot-associated virus (CORaV)
	<i>Emaravirus rosae</i>	rose rosette virus (RRV)
	<i>Emaravirus rubi</i>	blackberry leaf mottle-associated virus (BLMaV)
	<i>Emaravirus sorbi</i>	European mountain ash ringspot-associated virus (EMARaV)
	<i>Emaravirus syringae</i>	lilac chlorotic ringspot-associated virus (LiCRaV)
	<i>Emaravirus toordali</i>	pigeonpea sterility mosaic virus 2 (PPSMV-2)
	<i>Emaravirus tritici</i>	High Plains wheat mosaic virus (HPWMoV)
	<i>Emaravirus verbanni</i>	Camellia japonica-associated virus 2 (CjaV-2)
	<i>Emaravirus ziziphi</i>	jujube yellow mottle-associated virus (JYMaV)
Family Hantaviridae		
Subfamily Actantavirinae		
<i>Actinivirus</i>	<i>Batfish actinivirus</i>	Wēnlíng minipizza batfish virus (WEMBV)
	<i>Goosefish actinivirus</i>	Wēnlíng yellow goosefish virus (WEYGV)
	<i>Perch actinivirus</i>	Bern perch virus (BRPV)
	<i>Spikefish actinivirus</i>	Wēnlíng red spikefish virus (WERSV)
Subfamily Agantavirinae		
<i>Agnathovirus</i>	<i>Hagfish agnathovirus</i>	Wēnlíng hagfish virus (WEHV)
Subfamily Mammantavirinae		
<i>Loanvirus</i>	<i>Brno loanvirus</i>	Brno virus (BRNV)
	<i>Longquan loanvirus</i>	Lóngquán virus (LQUV)
<i>Mobatvirus</i>	<i>Láibín mobatvirus</i>	Láibīn virus (LAIV)
	<i>Lena mobatvirus</i>	Lena virus (LENV)
	<i>Nova mobatvirus</i>	Nova virus (NVAV)
	<i>Quezon mobatvirus</i>	Quezon virus (QZNV)
	<i>Xuan Son mobatvirus</i>	Xuān Sōn virus (XSV)
<i>Orthohantavirus</i>	<i>Andes orthohantavirus</i>	Andes virus (ANDV)
		Castelo dos Sonhos virus (CASV)
		Lechiguanas virus (LECV = LECHV)
		Orán virus (ORNV)
	<i>Asama orthohantavirus</i>	Asama virus (ASAV)
	<i>Asikkala orthohantavirus</i>	Asikkala virus (ASIV)
	<i>Bayou orthohantavirus</i>	bayou virus (BAYV)
		Catacamas virus (CATV)
	<i>Black Creek Canal orthohantavirus</i>	Black Creek Canal virus (BCCV)
	<i>Bowe orthohantavirus</i>	Bowé virus (BOWV)
	<i>Bruges orthohantavirus</i>	Bruges virus (BRGV)
	<i>Cano Delgadito orthohantavirus</i>	Caño Delgadito virus (CADV)
	<i>Cao Bang orthohantavirus</i>	Cao Bằng virus (CBNV)
		Liánghé virus (LHEV)
	<i>Choclo orthohantavirus</i>	Choclo virus (CHOV)
	<i>Dabiéshān orthohantavirus</i>	Dàbiéshān virus (DBSV)
	<i>Dobrava-Belgrade orthohantavirus</i>	Dobrava virus (DOBV)
		Kurkino virus (KURV)
		Saaremaa virus (SAAV)

Table 6 (continued)

Genus	Species [¶]	Virus (Abbreviation) ^{&}
		Sochi virus (SOCV)
	<i>El Moro Canyon orthohantavirus</i>	Carrizal virus (CARV)
		El Moro Canyon virus (ELMCV)
		Huitzilac virus (HUIV)
	<i>Fugong orthohantavirus</i>	Fúgōng virus (FUGV)
	<i>Fusong orthohantavirus</i>	Fūsōng virus (FUSV)
	<i>Hantaan orthohantavirus</i>	Amur virus (AMRV)
		Hantaan virus (HTNV)
		Soochong virus (SOOV)
	<i>Jeju orthohantavirus</i>	Jeju virus (JJUV)
	<i>Kenkeme orthohantavirus</i>	Kenkeme virus (KKMV)
	<i>Khabarovsk orthohantavirus</i>	Khabarovsk virus (KHAV)
		Topografov virus (TOPV)
	<i>Laguna Negra orthohantavirus</i>	Laguna Negra virus (LANV)
		Maripa virus (MARV)
		Rio Mamoré virus (RIOMV)
	<i>Luxi orthohantavirus</i>	Lúxī virus (LUXV)
	<i>Maporal orthohantavirus</i>	Maporal virus (MAPV)
	<i>Montano orthohantavirus</i>	Montaño virus (MTNV)
	<i>Necocli orthohantavirus</i>	Necocli virus (NECV)
	<i>Oxbow orthohantavirus</i>	Oxbow virus (OXBV)
	<i>Prospect Hill orthohantavirus</i>	Prospect Hill virus (PHV)
	<i>Puumala orthohantavirus</i>	Hokkaido virus (HOKV)
		Muju virus (MUJV)
		Puumala virus (PUUV)
	<i>Robina orthohantavirus</i>	Robina virus (ROBV)
	<i>Rockport orthohantavirus</i>	Rockport virus (RKPV)
	<i>Sangassou orthohantavirus</i>	Sangassou virus (SANGV)
	<i>Seewis orthohantavirus</i>	Seewis virus (SWSV)
	<i>Seoul orthohantavirus</i>	gōu virus (GOUV)
		Seoul virus (SEOV)
	<i>Sin Nombre orthohantavirus</i>	New York virus (NYV)
		Sin Nombre virus (SNV)
	<i>Tatenale orthohantavirus</i>	Tatenale virus (TATV)
	<i>Thailand orthohantavirus</i>	Anjzorobe virus (ANJZV)
		Serang virus (SERV)
		Thailand virus (THAIV)
	<i>Tigray orthohantavirus</i>	Tigray virus (TIGV)
	<i>Tula orthohantavirus</i>	Adler virus (ADLV)
		Tula virus (TULV)
	<i>Yakeshi orthohantavirus</i>	Yákèshí virus (YKSV)
<i>Thottimvirus</i>	<i>Imjin thottimvirus</i>	Imjin virus (MJNV)
	<i>Thottapalayam thottimvirus</i>	Thottapalayam virus (TPMV)
Subfamily <i>Repantavirinae</i>		
<i>Reptillovirus</i>	<i>Gecko reptillovirus</i>	Hainán oriental leaf-toed gecko virus (HOLGV)

Table 6 (continued)

Genus	Species [¶]	Virus (Abbreviation) ^{&}
Family Leishbuviridae		
<i>Shilevirus</i>	<i>Shilevirus leptomonadis</i>	Leptomonas moramango virus (LEPMV)
Family Mypoviridae		
<i>Hubavirus</i>	<i>Hubavirus myriapedis</i>	Húběi myriapoda virus 5 (HbMV-5)
Family Nairoviridae		
<i>Norwavirus</i>	<i>Grotenhout norwavirus</i>	Grotenhout virus (GRHV)
<i>Ocetevirus</i>	<i>Blattodean ocetevirus</i>	red goblin roach virus 1 (RGRV-1)
<i>Orthonairovirus</i>	<i>Abu Hammad orthonairovirus</i>	Abū Ḥammād virus (AHV)
	<i>Abu Mina orthonairovirus</i>	Abū Mīnā virus (AMV)
	<i>Artashat orthonairovirus</i>	Artashat virus (ARTSV)
	<i>Avalon orthonairovirus</i>	Avalon virus (AVAV)
	<i>Chim orthonairovirus</i>	Chim virus (CHIMV)
	<i>Bandia orthonairovirus</i>	Bandia virus (BDV)
	<i>Burana orthonairovirus</i>	Burana virus (BURV)
	<i>Congoid orthonairovirus</i>	Aigai virus (AIGV)
	<i>Crimean-Congo hemorrhagic fever orthonairovirus</i>	Crimean-Congo hemorrhagic fever virus (CCHFV)
	<i>Dera Ghazi Khan orthonairovirus</i>	Dera Ghazi Khan virus (DGKV)
	<i>Dugbe orthonairovirus</i>	Dugbe virus (DUGV)
	<i>Erve orthonairovirus</i>	Erve virus (ERVEV)
	<i>Esterio Real orthonairovirus</i>	Esterio Real virus (ERV)
	<i>Gossas orthonairovirus</i>	Gossas virus (GOSV)
	<i>Hazara orthonairovirus</i>	Hazara virus (HAZV)
	<i>Huangpi orthonairovirus</i>	Huángpí tick virus 1 (HpTV-1)
	<i>Hughes orthonairovirus</i>	Caspiy virus (CASV)
		Farallon virus (FARV)
		Great Saltee virus (GRSV)
		Hughes virus (HUGV)
		Raza virus (RAZAV)
	<i>Issyk-kul orthonairovirus</i>	Issyk-kul virus (ISKV)
	<i>Kasokero orthonairovirus</i>	Kasokero virus (KASV = KASOV)
	<i>Keterah orthonairovirus</i>	Keterah virus (KTRV)
		Uzun-Agach virus (UZAV)
	<i>Kupe orthonairovirus</i>	kupe virus (KUPEV)
	<i>Leopards Hill orthonairovirus</i>	Leopards Hill virus (LPHV)
	<i>Meram orthonairovirus</i>	Meram virus (MEMV)
	<i>Nairobi sheep disease orthonairovirus</i>	Nairobi sheep disease virus (NSDV)
	<i>Pacific Coast orthonairovirus</i>	Pacific Coast tick nairovirus (PCTNV)
	<i>Punta Salinas orthonairovirus</i>	Punta Salinas virus (PSV)
	<i>Qalyub orthonairovirus</i>	Geran virus (GERV)
		Qalyub virus (QYBV)
	<i>Sakhalin orthonairovirus</i>	Sakhalin virus (SAKV)
		Tillamook virus (TILLV)
	<i>Sapphire orthonairovirus</i>	Sapphire II virus (SAPV)
	<i>Scot orthonairovirus</i>	Clo Mor virus (CMV = CLMV)
	<i>Soldado orthonairovirus</i>	Soldado virus (SOLV)
	<i>Tacheng orthonairovirus</i>	Tāchéng tick virus 1 (TcTV-1)
	<i>Taggert orthonairovirus</i>	Taggert virus (TAGV)

Table 6 (continued)

Genus	Species [¶]	Virus (Abbreviation) ^{&}
	<i>Tamdy orthonairovirus</i>	Tamdy virus (TAMV)
	<i>Thiafora orthonairovirus</i>	Thiafora virus (TFAV)
	<i>Tofta orthonairovirus</i>	tofta virus (TFLV)
	<i>Tunis orthonairovirus</i>	Tunis virus (TUNV)
	<i>Vinegar Hill orthonairovirus</i>	Vinegar Hill virus (VINHV)
	<i>Wenzhou orthonairovirus</i>	Wēnzhōu tick virus (WzTV)
	<i>Yogue orthonairovirus</i>	Yogue virus (YOGV)
	<i>Zirqa orthonairovirus</i>	Zirqa virus (ZIRV)
<i>Sabavirus</i>	<i>South Bay sabavirus</i>	South Bay virus (SBV)
<i>Shaspivirus</i>	<i>Spider shaspivirus</i>	Shāyáng spider virus 1 (SySV-1)
<i>Striavirus</i>	<i>Strider striavirus</i>	Sānxiá water strider virus 1 (SxWSV-1)
<i>Xinspivirus</i>	<i>Xinzhou xinspivirus</i>	Xīnzhōu spider virus (XSV)
Family Peribunyaviridae		
<i>Herbevirus</i>	<i>Herbert herbevirus</i>	Herbert virus (HEBV)
	<i>Kibale herbevirus</i>	Kibale virus (KIBV)
	<i>Tai herbevirus</i>	Tai virus (TAIV)
<i>Khurdivirus</i>	<i>Khurdivirus volgaense</i>	Khurdun virus (KURV)
<i>Lakivirus</i>	<i>Lakivirus lakamhaense</i>	Lakamha virus (LAKV)
<i>Lambavirus</i>	<i>Lambavirus wisconsinense</i>	largemouth bass bunyavirus (LBBV)
<i>Orthobunyavirus</i>	<i>Abras orthobunyavirus</i>	Abras virus (ABRV)
	<i>Acara orthobunyavirus</i>	Acará virus (ACAV)
		Moriche virus (MORV)
	<i>Aino orthobunyavirus</i>	Aino virus (AINOV)
	<i>Akabane orthobunyavirus</i>	Akabane virus (AKAV)
		Tinaroo virus (TINV)
		Yaba-7 virus (Y7V)
	<i>Alajuela orthobunyavirus</i>	Alajuela virus (ALJV)
		San Juan virus (SJV)
	<i>Anadyr orthobunyavirus</i>	Anadyr virus (ANADV)
	<i>Ananindeua orthobunyavirus</i>	Ananindeua virus (ANUV)
	<i>Anhembi orthobunyavirus</i>	Anhembi virus (AMBV)
	<i>Anopheles A orthobunyavirus</i>	Anopheles A virus (ANAV)
		Arumateua virus (ARTV = ARMTV)
		Caraipé virus (CPEV = CRPV)
		Las Maloyas virus (LMV)
		Lukuni virus (LUKV)
		Trombetas virus (TRMV)
		Tucuruí virus (TUCV = TUCRV)
	<i>Anopheles B orthobunyavirus</i>	Anopheles B virus (ANBV)
		Boracéia virus (BORV)
	<i>Apeu orthobunyavirus</i>	Apeú virus (APEUV)
	<i>Bakau orthobunyavirus</i>	Bakau virus (BAKV)
		Ketapang virus (KETV)
		Nola virus (NOLAV)
		Tanjong Rabok virus (TRV)
		Telok Forest virus (TFV)
	<i>Batai orthobunyavirus</i>	Batai virus (BATV)
	<i>Batama orthobunyavirus</i>	Batama virus (BMAV)
	<i>Bellavista orthobunyavirus</i>	Bellavista virus (BELLV)

Table 6 (continued)

Genus	Species [¶]	Virus (Abbreviation) ^{&}
	<i>Benevides orthobunyavirus</i>	Benevides virus (BVSV = BENV)
	<i>Bertioga orthobunyavirus</i>	Bertioga virus (BERV)
		Cananéia virus (CNAV)
		Guaratuba virus (GTBV)
		Itimirim virus (ITIV)
		Mirim virus (MIRV)
	<i>Bimiti orthobunyavirus</i>	bimiti virus (BIMV)
	<i>Birao orthobunyavirus</i>	Birao virus (BIRV)
	<i>Botambi orthobunyavirus</i>	Botambi virus (BOTV)
	<i>Bozo orthobunyavirus</i>	Bozo virus (BOZOV)
	<i>Brazoran orthobunyavirus</i>	brazoran virus (BRAZV)
	<i>Bruconha orthobunyavirus</i>	Bruconha virus (BRUV)
	<i>Buffalo Creek orthobunyavirus</i>	Buffalo Creek virus (BUCV)
	<i>Bunyamwera orthobunyavirus</i>	Bunyamwera virus (BUNV)
		Germiston virus (GERV)
		Lokern virus (LOKV)
		Mboké virus (MBOV)
		Ngari virus (NRIV)
		Northway virus (NORV)
		Santa Rosa virus (SARV)
		Shokwe virus (SHOV)
		Stanfield virus (STAV)
		Xingu virus (XINV)
	<i>Bushbush orthobunyavirus</i>	Benfica virus (BENV = BNFV)
		Bushbush virus (BSBV)
		Juan Díaz virus (JDV)
	<i>Buttonwillow orthobunyavirus</i>	Buttonwillow virus (BUTV)
	<i>Bwamba orthobunyavirus</i>	Bwamba virus (BWAV)
		Pongola virus (PGAV)
	<i>Cache Valley orthobunyavirus</i>	Cache Valley virus (CVV)
		Cholul virus (CHLV)
		Tlacotalpan virus (TLAV)
	<i>Cachoeira Porteira orthobunyavirus</i>	Cachoeira Porteira virus (CPOV)
	<i>California encephalitis orthobunyavirus</i>	California encephalitis virus (CEV)
		Morro Bay virus (MBV)
	<i>Capim orthobunyavirus</i>	Capim virus (CAPV)
	<i>Caraparú orthobunyavirus</i>	Caraparú virus (CARV)
		El Huayo virus (EHUV)
		Itaya virus (ITYV)
		Ossa virus (OSSAV)
		Vinces virus (VINV)
	<i>Cat Que orthobunyavirus</i>	Cát Qué virus (CQV)
		Oya virus (OYAV)
	<i>Catu orthobunyavirus</i>	Catú virus (CATUV)
	<i>Enseada orthobunyavirus</i>	Enseada virus (ENSV)
	<i>Faceys paddock orthobunyavirus</i>	Facey's paddock virus (FPV)
	<i>Fort Sherman orthobunyavirus</i>	Fort Sherman virus (FSV)
	<i>Gamboa orthobunyavirus</i>	Brus Laguna virus (BLAV)
		Calchaquí virus (CQIV)
		Gamboa virus (GAMV)

Table 6 (continued)

Genus	Species [¶]	Virus (Abbreviation) ^{&}
		Pueblo Viejo virus (PVV)
		Soberanía virus (SOBV)
	<i>Gan Gan orthobunyavirus</i>	Gan Gan virus (GGV)
	<i>Guajara orthobunyavirus</i>	Guajará virus (GJAV)
	<i>Guama orthobunyavirus</i>	Guamá virus (GMAV)
	<i>Guaroa orthobunyavirus</i>	Guaroa virus (GROV)
	<i>Iaco orthobunyavirus</i>	Iaco virus (IACOV)
	<i>Ilesha orthobunyavirus</i>	Ilesha virus (ILEV)
	<i>Ingwavuma orthobunyavirus</i>	Ingwavuma virus (INGV)
	<i>Jamestown Canyon orthobunyavirus</i>	Inkoo virus (INKV)
		Jamestown Canyon virus (JCV)
		Jerry Slough virus (JSV)
		South River virus (SORV)
	<i>Jatobal orthobunyavirus</i>	Jatobal virus (JATV)
	<i>Kaeng Khoi orthobunyavirus</i>	Kaeng Khoi virus (KKV)
	<i>Kairi orthobunyavirus</i>	kairi virus (KRIV)
	<i>Keystone orthobunyavirus</i>	Keystone virus (KEYV)
	<i>Koongol orthobunyavirus</i>	koongol virus (KOOV)
		wongal virus (WONV)
	<i>La Crosse orthobunyavirus</i>	La Crosse virus (LACV)
	<i>Leanyer orthobunyavirus</i>	Leanyer virus (LEAV)
	<i>Lumbo orthobunyavirus</i>	Lumbo virus (LUMV)
	<i>Macaua orthobunyavirus</i>	Macauã virus (MCAV)
	<i>Madrid orthobunyavirus</i>	Madrid virus (MADV)
	<i>Maguari orthobunyavirus</i>	Maguari virus (MAGV)
		Playas virus (PLAV)
	<i>Mahogany Hammock orthobunyavirus</i>	Mahogany Hammock virus (MHV)
	<i>Main Drain orthobunyavirus</i>	Main Drain virus (MDV)
	<i>Manzanilla orthobunyavirus</i>	Manzanilla virus (MANV)
		Inini virus (INIV)
	<i>Mapputta orthobunyavirus</i>	Mapputta virus (MAPV)
	<i>Maprik orthobunyavirus</i>	Maprik virus (MPKV)
	<i>Marituba orthobunyavirus</i>	Gumbo Limbo virus (GLV)
		Marituba virus (MTBV)
		Murutucú virus (MURV)
		Nepuyo virus (NEPV)
		Restan virus (RESV)
		Zungarococha virus (ZUNV)
	<i>Matruh orthobunyavirus</i>	Matruh virus (MTRV)
	<i>Melao orthobunyavirus</i>	Melao virus (MELV)
	<i>Moju orthobunyavirus</i>	Moju virus (MOJUV)
	<i>Mermet orthobunyavirus</i>	Mermet virus (MERV)
	<i>Minatitlan orthobunyavirus</i>	Minatitlán virus (MNTV)
		Palestina virus (PLSV)
	<i>MPoko orthobunyavirus</i>	M'Poko virus (MPOV)
		Yaba-1 virus (Y1V)
	<i>Nyando orthobunyavirus</i>	Eretmapodites virus (ERETV)
		Mojuí dos Campos virus (MDCV)
		Nyando virus (NDV)
	<i>Olifantsvlei orthobunyavirus</i>	Bobia virus (BIAV)

Table 6 (continued)

Genus	Species [¶]	Virus (Abbreviation) ^{&}
		Dabakala virus (DABV)
		Olifantsvlei virus (OLIV)
		Oubi virus (OUBIV)
	<i>Oriboca orthobunyavirus</i>	Itaquí virus (ITQV)
		Oriboca virus (ORIV)
	<i>Oropouche orthobunyavirus</i>	Iquitos virus (IQTV)
		Madre de Dios virus (MDDV)
		Oropouche virus (OROV)
		Perdões virus (PDEV)
		Pintupo virus (PINTV)
	<i>Oyo orthobunyavirus</i>	Oyo virus (OYOV)
	<i>Patois orthobunyavirus</i>	Babahoya virus (BABV)
		Pahayokee virus (PAHV)
		Patois virus (PATV)
	<i>Peaton orthobunyavirus</i>	peaton virus (PEAV)
	<i>Potosi orthobunyavirus</i>	Potosi virus (POTV)
	<i>Sabo orthobunyavirus</i>	Sabo virus (SABOV)
	<i>San Angelo orthobunyavirus</i>	San Angelo virus (SAV)
	<i>Sango orthobunyavirus</i>	Sango virus (SANV)
	<i>Schmallenberg orthobunyavirus</i>	Douglas virus (DOUV)
		Sathuperi virus (SATV)
		Schmallenberg virus (SBV)
		Shamonda virus (SHAV)
	<i>Sedlec orthobunyavirus</i>	Sedlec virus (SEDEV)
	<i>Serra do Navio orthobunyavirus</i>	Serra do Navio virus (SDNV)
	<i>Shark River orthobunyavirus</i>	Shark River virus (SRV)
	<i>Shuni orthobunyavirus</i>	Kaikalur virus (KAIV)
		Shuni virus (SHUV)
	<i>Simbu orthobunyavirus</i>	Para virus (PARAV)
		Simbu virus (SIMV)
	<i>Snowshoe hare orthobunyavirus</i>	Khatanga virus (KHATV)
		snowshoe hare virus (SSHV)
	<i>Sororoca orthobunyavirus</i>	Sororoca virus (SORV)
	<i>Tacaiuma orthobunyavirus</i>	CoAr 1071 virus (CA1071V)
		CoAr 3627 virus (CA3626V)
		Tacaiuma virus (TCMV)
		Virgin River virus (VRV)
	<i>Tahyna orthobunyavirus</i>	Ťahyňa virus (TAHV)
	<i>Tataguine orthobunyavirus</i>	Tataguine virus (TATV)
	<i>Tensaw orthobunyavirus</i>	Tensaw virus (TENV)
	<i>Tete orthobunyavirus</i>	Bahig virus (BAHV)
		Tete virus (TETEV)
		Tsuruse virus (TSUV)
		Weldona virus (WELV)
	<i>Thimiri orthobunyavirus</i>	Thimiri virus (THIV)
	<i>Timboteua orthobunyavirus</i>	Timboteua virus (TBTV)
	<i>Triniti orthobunyavirus</i>	Triniti virus (TNTV)
	<i>Trivittatus orthobunyavirus</i>	Achiote virus (ACHOV)
		Trivittatus virus (TVTIV)
	<i>Turlock orthobunyavirus</i>	Lednice virus (LEDV)

Table 6 (continued)

Genus	Species [¶]	Virus (Abbreviation) ^{&}
		Turlock virus (TURV)
		Umbre virus (UMBV)
	<i>Utinga orthobunyavirus</i>	Utinga virus (UTIV)
	<i>Witwatersrand orthobunyavirus</i>	Witwatersrand virus (WITV)
	<i>Wolkberg orthobunyavirus</i>	Wolkberg virus (WBV)
	<i>Wyeomyia orthobunyavirus</i>	Rio Pracupi virus
		Taiassui virus (TAIAV)
		Tucunduba virus (TUCV)
		Wyeomyia virus (WYOV)
<i>Pacuvirus</i>	<i>Caimito pacuvirus</i>	Caimito virus (CAIV)
	<i>Chilibre pacuvirus</i>	Chilibre virus (CHIV)
	<i>Pacui pacuvirus</i>	Pacui virus (PACV)
	<i>Rio Preto da Eva pacuvirus</i>	Rio Preto da Eva virus (RPEV)
	<i>Tapirape pacuvirus</i>	Tapirapé virus (TAPV)
<i>Shangavirus</i>	<i>Insect shangavirus</i>	Shuāngào insect virus 1 (SgIV-1)
Family Phasmaviridae		
<i>Feravirus</i>	<i>Ferak feravirus</i>	Ferak virus (FRKV)
	<i>Hemipteran feravirus</i>	hemipteran phasma-related virus OKIAV247 (HeFV)
	<i>Neuropteran feravirus</i>	neuropteran phasma-related virus OKIAV248 (NeFV)
<i>Hymovirus</i>	<i>Hymenopteran hymovirus 1</i>	hymenopteran phasma-related virus OKIAV252 (HyHV-1)
	<i>Hymenopteran hymovirus 2</i>	hymenopteran phasma-related virus OKIAV250 (HyHV-2)
<i>Jonvirus</i>	<i>Jonchet jonvirus</i>	jonchet virus (JONV)
<i>Orthophasmavirus</i>	<i>Anopheles orthophasmavirus</i>	Anopheles triannulatus orthophasmavirus (AtOPV)
	<i>Coleopteran orthophasmavirus</i>	coleopteran phasma-related virus OKIAV235 (CPRV)
	<i>Culex orthophasmavirus</i>	Culex phasma-like virus (CPLV)
	<i>Ganda orthophasmavirus</i>	Ganda bee virus (GBEEV)
	<i>Hymenopteran orthophasmavirus 1</i>	hymenopteran phasma-related virus OKIAV228 (HyOV-1)
	<i>Hymenopteran orthophasmavirus 2</i>	hymenopteran phasma-related virus OKIAV227 (HyOV-2)
	<i>Kigluaik phantom orthophasmavirus</i>	Kigluaik phantom virus (KIGV)
	<i>Niukluk phantom orthophasmavirus</i>	Niukluk phantom virus (NUKV)
	<i>Odonate orthophasmavirus</i>	Húběi odonate virus 8 (HbOV-8)
	<i>Orthophasmavirus barstukasense</i>	Barstukas virus (BARV)
	<i>Orthophasmavirus coredoense</i>	Coredo virus (CORV)
	<i>Orthophasmavirus flenense</i>	Flen virus (FLNV)
	<i>Orthophasmavirus miglotasense</i>	Miglotas virus (MIGV)
	<i>Qingling orthophasmavirus</i>	Húběi odonate virus 9 (HbOV-9)
	<i>Wuchang cockroach orthophasmavirus 1</i>	Wūchāng cockroach virus 1 (WcCV-1)
	<i>Wuhan mosquito orthophasmavirus 1</i>	Wūhàn mosquito virus 1 (WhMV-1)
	<i>Wuhan mosquito orthophasmavirus 2</i>	Wūhàn mosquito virus 2 (WhMV-2)
<i>Sawastrivirus</i>	<i>Sanxia sawastrivirus</i>	Sānxiá water strider virus 2 (SxWSV-2)
<i>Wuhivirus</i>	<i>Insect wuhivirus</i>	Wūhàn insect virus 2 (WhIV-2)
Family Phenuiviridae		
<i>Bandavirus</i>	<i>Bhanja bandavirus</i>	Bhanja virus (BHAV)
	<i>Dabie bandavirus</i>	severe fever with thrombocytopenia syndrome virus (SFTSV)
	<i>Guertu bandavirus</i>	Güěrtú virus (GTV)
	<i>Heartland bandavirus</i>	Heartland virus (HRTV)
	<i>Hunter Island bandavirus</i>	Albatross Island virus (ABIV)

Table 6 (continued)

Genus	Species [¶]	Virus (Abbreviation) ^{&}
	<i>Kismaayo bandavirus</i>	Kismaayo virus (KISV)
	<i>Lone star bandavirus</i>	lone star virus (LSV)
	<i>Razdan bandavirus</i>	Razdan virus (RAZV)
<i>Beidivirus</i>	<i>Dipteran beidivirus</i>	Húběi diptera virus 3 (HbDV-3)
<i>Coguvirus</i>	<i>Citrus coguvirus</i>	citrus concave gum-associated virus (CCGaV)
	<i>Coguvirus eburii</i>	citrus virus A (CiV-A)
	<i>Grapevine coguvirus</i>	grapevine associated cogu-like virus 1 (GaCLV-1)
<i>Entovirus</i>	<i>Entoleuca entovirus</i>	Entoleuca phenui-like virus 1 (EnPLV-1)
<i>Goukovirus</i>	<i>Cumuto goukovirus</i>	Cumuto virus (CUMV)
	<i>Gouleako goukovirus</i>	Gouléako virus (GOLV)
	<i>Yichang insect goukovirus</i>	Yíchāng insect virus (YcIV)
<i>Horwuvirus</i>	<i>Horsefly horwuvirus</i>	Wǔhàn horsefly virus (WhHV)
	<i>Kimberley horwuvirus</i>	Fitzroy Crossing tenui-like virus 1 (FCTenV1)
<i>Hudivirus</i>	<i>Dipteran hudivirus</i>	Húběi diptera virus 4 (HbDV-4)
<i>Hudovirus</i>	<i>Lepidopteran hudovirus</i>	Húběi lepidoptera virus 1 (HbLV-1)
<i>Ixovirus</i>	<i>Blackleg ixovirus</i>	blacklegged tick virus 1 (BLTV-1)
	<i>Norway ixovirus</i>	Fairhair virus (FHAV)
	<i>Scapularis ixovirus</i>	blacklegged tick virus 3 (BLTV-3)
<i>Laulavirus</i>	<i>Grapevine laulavirus 2</i>	grapevine associated cogu-like virus 2 (GaCLV-2)
	<i>Grapevine laulavirus 3</i>	grapevine associated cogu-like virus 3 (GaCLV-3)
	<i>Grapevine laulavirus 4</i>	grapevine associated cogu-like virus 4 (GaCLV-4)
	<i>Laurel Lake laulavirus</i>	Laurel Lake virus (LLV)
<i>Lentinivirus</i>	<i>Lentinula lentinivirus</i>	Lentinula edodes negative-strand RNA virus 2 (LeNSRV-2)
<i>Mobuvirus</i>	<i>Mothra mobuvirus</i>	Mothra virus (MTHV)
	<i>Narangue mobuvirus</i>	Ñarangue virus (NRGV)
<i>Phasivirus</i>	<i>Badu phasivirus</i>	Badu virus (BADUV)
	<i>Dipteran phasivirus</i>	Húběi diptera virus 5 (HbDV-5)
	<i>Fly phasivirus</i>	Wǔhàn fly virus 1 (WhFV-1)
	<i>Guadeloupe phasivirus</i>	Guadeloupe mosquito phasivirus (GMPV)
	<i>Kimberley phasivirus</i>	Parry's Creek phasivirus 1 (PCPhasV1)
	<i>Phasi Charoen-like phasivirus</i>	Phasi Charoen-like virus (PCLV)
	<i>Wutai mosquito phasivirus</i>	Wǔtái mosquito virus (WtMV)
<i>Phlebovirus</i>	<i>Adana phlebovirus</i>	Adana virus (ADAV)
	<i>Aguacate phlebovirus</i>	Aguacate virus (AGUV)
	<i>Alcubé phlebovirus</i>	Alcubé virus (ACBV)
	<i>Alenquer phlebovirus</i>	Alenquer virus (ALEV)
	<i>Ambe phlebovirus</i>	Ambé virus (ABEV)
	<i>Anhangá phlebovirus</i>	Anhangá virus (ANHV)
	<i>Arumowot phlebovirus</i>	Arumowot virus (AMTV)
	<i>Buenaventura phlebovirus</i>	Buenaventura virus (BUEV)
	<i>Bogoria phlebovirus</i>	Bogoria virus (BGRV)
	<i>Bujaru phlebovirus</i>	Bujaru virus (BUJV)
	<i>Cacao phlebovirus</i>	Cacao virus (CACV)
	<i>Campana phlebovirus</i>	Campana virus (CMAV)
	<i>Candiru phlebovirus</i>	Ariquemes virus (ARQV)
		Candirú virus (CDUV)
		Jacundá virus (JCNV)
		Morumbi virus (MR(M)BV)
		Mucura virus (MCRV/MRAV)
		Serra Norte virus (SRNV)

Table 6 (continued)

Genus	Species [¶]	Virus (Abbreviation) ^{&}
	<i>Chagres phlebovirus</i>	Chagres virus (CHGV)
	<i>Cocle phlebovirus</i>	Coclé virus (CCLV)
	<i>Corfou phlebovirus</i>	Corfou virus (CFUV)
	<i>Dashli phlebovirus</i>	Dāshlī virus (DASV)
	<i>Durania phlebovirus</i>	Durania virus (DRNV)
	<i>Echarate phlebovirus</i>	Echarate virus (ECHV)
	<i>Embossos phlebovirus</i>	Embossos virus (EMBV)
	<i>Gabek phlebovirus</i>	Gabek forest virus (GFV)
	<i>Gordil phlebovirus</i>	Gordil virus (GORV)
	<i>Icoaraci phlebovirus</i>	Icoaraci virus (ICOV)
	<i>Itaituba phlebovirus</i>	Itaituba virus (ITAV)
	<i>Itaporanga phlebovirus</i>	Itaporanga virus (ITPV)
	<i>Ixcanal phlebovirus</i>	Ixcanal virus (IXCV)
	<i>Karimabad phlebovirus</i>	Karimabad virus (KARV)
	<i>Kiborgoch phlebovirus</i>	Kiborgoch virus (KBGV)
	<i>La Gloria phlebovirus</i>	La Gloria virus (LAGV)
	<i>Lara phlebovirus</i>	Rio Claro virus (RICV)
	<i>Leticia phlebovirus</i>	Leticia virus (LTCV)
	<i>Maldonado phlebovirus</i>	Maldonado virus (MLOV)
	<i>Massilia phlebovirus</i>	Massilia virus (MASV)
	<i>Medjerda phlebovirus</i>	Medjerda Valley virus (MVV)
	<i>Mona Grita phlebovirus</i>	Mona Grita virus (MOGV)
	<i>Mukawa phlebovirus</i>	Mukawa virus (MKWV)
	<i>Munguba phlebovirus</i>	Munguba virus (MUNV)
	<i>Naples phlebovirus</i>	Arrábida virus (ARRV)
		Balkan virus (BALKV)
		Fermo virus (FERV)
		Granada virus (GRV = GRAV)
		Saddaguia virus (SADV)
		sandfly fever Naples virus (SFNV)
	<i>Nique phlebovirus</i>	Nique virus (NIQV)
	<i>Ntepes phlebovirus</i>	Ntepes virus (NTPV)
	<i>Odrénisrou phlebovirus</i>	Odrénisrou virus (ODRV)
	<i>Oriximina phlebovirus</i>	Oriximiná virus (ORXV)
	<i>Pena Blanca phlebovirus</i>	Peña Blanca virus (PEBV)
	<i>Penshurt phlebovirus</i>	Penshurt virus (PEHV)
	<i>Perkerra phlebovirus</i>	Perkerra virus (PKEV)
	<i>Punique phlebovirus</i>	Punique virus (PUNV)
	<i>Punta Toro phlebovirus</i>	Capira virus (CAPIV)
		Punta Toro virus (PTV)
	<i>Rift Valley fever phlebovirus</i>	Rift Valley fever virus (RVFV)
	<i>Rio Grande phlebovirus</i>	Rio Grande virus (RGV)
	<i>Saint Floris phlebovirus</i>	Saint-Floris virus (SAFV)
	<i>Salanga phlebovirus</i>	Salanga virus (SLGV)
	<i>Salehabad phlebovirus</i>	Adria virus (ADRV)
		Arbia virus (ARBV)
		Bregalaka virus (BREV)
		Olbia virus (OLBV)
		Salehabad virus (SALV)
		Zaba virus (ZABAV)

Table 6 (continued)

Genus	Species [¶]	Virus (Abbreviation) ^{&}
	<i>Salobo phlebovirus</i>	Salobo virus (SLBOV)
	<i>Sicilian phlebovirus</i>	sandfly fever Sicilian virus (SFSV)
	<i>Tapara phlebovirus</i>	Tapará virus (TPRV)
	<i>Tehran phlebovirus</i>	Tehran virus (THEV)
	<i>Tico phlebovirus</i>	Tico virus (TICV)
	<i>Toros phlebovirus</i>	Toros virus (TORV)
	<i>Toscana phlebovirus</i>	Toscana virus (TOSV)
	<i>Tres Almendras phlebovirus</i>	Tres Almendras virus (TRAV)
	<i>Turuna phlebovirus</i>	Turuna virus (TUAV)
	<i>Uriurana phlebovirus</i>	Uriurana virus (URIV)
	<i>Urucuri phlebovirus</i>	Urucuri virus (URUV)
	<i>Viola phlebovirus</i>	viola virus (VIOV)
	<i>Zerdali phlebovirus</i>	Zerdali virus (ZERV)
<i>Pidchovirus</i>	<i>Coleopteran pidchovirus</i>	coleopteran phenui-related virus 308 (CoPrV-308)
	<i>Pidgey pidchovirus</i>	Pidgey virus (PGYV)
<i>Rubodvirus</i>	<i>Apple rubodvirus 1</i>	apple rubbery wood virus 1 (ARWV-1)
	<i>Apple rubodvirus 2</i>	apple rubbery wood virus 2 (ARWV-2)
	<i>Grapevine rubodvirus 1</i>	grapevine Garan dmak virus (GGDV)
	<i>Grapevine rubodvirus 2</i>	grapevine Muscat rose virus (GMRV)
<i>Tanzavirus</i>	<i>Human tanzavirus</i>	Dar es Salaam virus (DeSV)
<i>Tenuivirus</i>	<i>Echinochloa hoja blanca tenuivirus</i>	Echinochloa hoja blanca virus (EHBV)
	<i>European wheat striate mosaic tenuivirus</i>	European wheat striate mosaic virus (EWSMV)
	<i>Iranian wheat stripe tenuivirus</i>	Iranian wheat stripe virus (IWSV)
	<i>Maize stripe tenuivirus</i>	maize stripe virus (MStV = MSpV)
	<i>Melon tenuivirus</i>	melon chlorotic spot virus (MeCSV)
	<i>Rice grassy stunt tenuivirus</i>	rice grassy stunt virus (RGSV)
	<i>Rice hoja blanca tenuivirus</i>	rice hoja blanca virus (RHBV)
	<i>Rice stripe tenuivirus</i>	rice stripe virus (RSV = RStV)
	<i>Urochloa hoja blanca tenuivirus</i>	Urochloa hoja blanca virus (UHBV)
<i>Uukuvirus</i>	<i>American dog uukuvirus</i>	American dog tick virus (ADAV)
	<i>Dabiéshān uukuvirus</i>	Dàbiéshān tick virus (DBSH)
	<i>Grand Arbaud uukuvirus</i>	Grand Arbaud virus (GAV)
	<i>Huangpi uukuvirus</i>	Huángpí tick virus 2 (HpTV-2)
	<i>Kabuto mountain uukuvirus</i>	Kabuto mountain virus (KAMV)
	<i>Kaisodi uukuvirus</i>	Kaisodi virus (KASDV)
	<i>Lihan uukuvirus</i>	Lihán tick virus (LITV)
	<i>Murre uukuvirus</i>	murre virus (MURV)
	<i>Pacific coast uukuvirus</i>	Pacific coast tick virus (PACV)
	<i>Precarious Point uukuvirus</i>	Precarious Point virus (PPV)
	<i>Rukutama uukuvirus</i>	Rukutama virus (RUKV)
	<i>Schmid uukuvirus</i>	Nile Warbler virus (NIWV)
	<i>Silverwater uukuvirus</i>	Silverwater virus (SILV)
	<i>Tacheng uukuvirus</i>	Tāchéng tick virus 2 (TCGV)
	<i>Uukuniemi uukuvirus</i>	Chizé virus (CHZV)
		Fin V 707 virus (FINV)
		Oceanside virus (OCV = OCEV)
		Pontevès virus (PTVV)
		St. Abbs Head virus (SAHV)
		Uukuniemi virus (UUKV)

Table 6 (continued)

Genus	Species [¶]	Virus (Abbreviation) ^{&}
	<i>Yongjia uukuvirus</i>	Yǒngjiā tick virus (YONV)
	<i>Zaliv Terpeniya uukuvirus</i>	Zaliv Terpeniya virus (ZTV)
<i>Wenrivirus</i>	<i>Shrimp wenrivirus</i>	Mourilyan virus (MoV)
Family <i>Tospoviridae</i>		
<i>Orthospovirus</i>	<i>Alstroemeria necrotic streak orthospovirus</i>	Alstroemeria necrotic streak virus (ANSV)
	<i>Alstroemeria yellow spot orthospovirus</i>	Alstroemeria yellow spot virus (AYSV)
	<i>Bean necrotic mosaic orthospovirus</i>	bean necrotic mosaic virus (BeNMV)
	<i>Calla lily chlorotic spot orthospovirus</i>	calla lily chlorotic spot virus (CCSV)
	<i>Capsicum chlorosis orthospovirus</i>	Capsicum chlorosis virus (CaCV)
	<i>Chrysanthemum stem necrosis orthospovirus</i>	Chrysanthemum stem necrosis virus (CSNV)
	<i>Groundnut bud necrosis orthospovirus</i>	groundnut bud necrosis virus (GBNV)
	<i>Groundnut chlorotic fan spot orthospovirus</i>	groundnut chlorotic fan-spot virus (GCFSV)
	<i>Groundnut ringspot orthospovirus</i>	groundnut ringspot virus (GRSV)
	<i>Groundnut yellow spot orthospovirus</i>	groundnut yellow spot virus (GYSV)
	<i>Hippeastrum chlorotic ringspot orthospovirus</i>	Hippeastrum chlorotic spot virus (HCRV)
	<i>Impatiens necrotic spot orthospovirus</i>	impatiens necrotic spot virus (INSV)
	<i>Iris yellow spot orthospovirus</i>	iris yellow spot virus (IYSV)
	<i>Melon severe mosaic orthospovirus</i>	melon severe mosaic virus (MSMV)
	<i>Melon yellow spot orthospovirus</i>	melon yellow spot virus (MYSV)
	<i>Mulberry vein banding associated orthospovirus</i>	mulberry vein banding-associated virus (MVBaV)
	<i>Pepper chlorotic spot orthospovirus</i>	pepper chlorotic spot virus (PCSV)
	<i>Polygonum ringspot orthospovirus</i>	Polygonum ringspot virus (PoIRSV)
	<i>Soybean vein necrosis orthospovirus</i>	soybean vein necrosis virus (SVNV)
	<i>Tomato chlorotic spot orthospovirus</i>	tomato chlorotic spot virus (TCSV)
	<i>Tomato spotted wilt orthospovirus</i>	tomato spotted wilt virus (TSWV)
	<i>Tomato yellow ring orthospovirus</i>	tomato yellow ring virus (TYRV)
	<i>Tomato zonate spot orthospovirus</i>	tomato zonate spot virus (TZSV)
	<i>Watermelon bud necrosis orthospovirus</i>	watermelon bud necrosis virus (WBNV)
	<i>Watermelon silver mottle orthospovirus</i>	watermelon silver mottle virus (WSMoV)
	<i>Zucchini lethal chlorosis orthospovirus</i>	zucchini lethal chlorosis virus (ZLCV)
Family <i>Tulasviridae</i>		
<i>Orthotulasvirus</i>	<i>Orthotulasvirus tulasnellae</i>	Tulasnella bunyavirales-like virus 1 (TB-LV)
Family <i>Wupedeviridae</i>		
<i>Wumivirus</i>	<i>Wumivirus millepedae</i>	Wūhàn millipede virus 2 (WhMV-2)

Note that viruses are real objects that are assigned to concepts that are called taxa. Species, genera, subfamilies, families, and orders are taxa

[¶]Taxon names are always italicized and always begin with a capital letter

[&]Virus names are not italicized and are not capitalized, except if the name or a name component is a proper noun. This column lists the virus names with their correct (lack of) capitalization. Lists of viruses within a given species are provisional at this point and will likely be amended in the near future

Table 7 ICTV-accepted taxonomy of the order *Articulavirales* (*Negarnaviricota*: *Polyploviricota*: *Insthoviricetes*) as of March 2022

Genus	Species [¶]	Virus (Abbreviation) ^{&}
Family Amnoonviridae		
<i>Tilapinevirus</i>	<i>Tilapinevirus tilapiae</i>	tilapia lake virus (TiLV)
Family Orthomyxoviridae		
<i>Alphainfluenzavirus</i>	<i>Alphainfluenzavirus influenzae</i>	influenza A virus (FLUAV)
<i>Betainfluenzavirus</i>	<i>Betainfluenzavirus influenzae</i>	influenza B virus (FLUBV)
<i>Deltainfluenzavirus</i>	<i>Deltainfluenzavirus influenzae</i>	influenza D virus (FLUDV)
<i>Gammainfluenzavirus</i>	<i>Gammainfluenzavirus influenzae</i>	influenza C virus (FLUCV)
<i>Isavirus</i>	<i>Isavirus salaris</i>	infectious salmon anemia virus (ISAV)
<i>Mykissvirus</i>	<i>Mykissvirus tructae</i>	rainbow trout orthomyxovirus (RbtOV)
<i>Quaranjavirus</i>	<i>Quaranjavirus araguariense</i>	Araguari virus (ARAV)
	<i>Quaranjavirus chadense</i>	Lake Chad virus (LCKV)
	<i>Quaranjavirus johnstonense</i>	Johnston Atoll virus (JAV)
	<i>Quaranjavirus quaranfilense</i>	Quaranfil virus (QRFV)
	<i>Quaranjavirus tyulekense</i>	Tyulek (Tjuloc) virus (TLKV)
	<i>Quaranjavirus wellfleetense</i>	Wellfleet Bay virus (WFBV)
<i>Sardinivirus</i>	<i>Sardinivirus pilchardi</i>	pilchard orthomyxovirus (POMV)
<i>Thogotovirus</i>	<i>Thogotovirus bourbonense</i>	Bourbon virus (BRBV)
	<i>Thogotovirus dhorienense</i>	Dhori virus (DHOV)
	<i>Thogotovirus josense</i>	Jos virus (JOSV)
	<i>Thogotovirus ozense</i>	Oz virus (OZV)
	<i>Thogotovirus sinuense</i>	Sinu virus (SINUV)
	<i>Thogotovirus thailandense</i>	Thailand tick thogotovirus (TT-THOV)
	<i>Thogotovirus thogotoense</i>	Thogoto virus (THOV)
	<i>Thogotovirus upoluense</i>	Upolu virus (UPOV)

Note that viruses are real objects that are assigned to concepts that are called taxa. Species, genera, families, and orders are taxa

[¶]Taxon names are always italicized and always begin with a capital letter

[&]Virus names are not italicized and are not capitalized, except if the name or a name component is a proper noun. This column lists the virus names with their correct (lack of) capitalization

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