

Annual (2024) taxonomic update of RNA-directed RNA polymerase-encoding negative-sense RNA viruses (realm *Riboviria*: kingdom *Orthornavirae*: phylum *Negarnaviricota*)

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Abbreviations: HTS, high-throughput sequencing; ICTV, International Committee on Taxonomy of Viruses; RdRP, RNA-directed RNA polymerase; RT-PCR, reverse transcription polymerase chain reaction; SRA, Sequence Read Archive; TSA, transcriptome shotgun assembly.

A supplementary figure and a supplementary file containing author affiliations are available with the online version of this article.

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Abstract

In April 2024, following the annual International Committee on Taxonomy of Viruses (ICTV) ratification vote on newly proposed taxa, the phylum *Negarnaviricota* was expanded by 1 new order, 1 new family, 6 new subfamilies, 34 new genera and 270 new species. One class, two orders and six species were renamed. Seven families and 12 genera were moved; ten species were renamed and moved; and nine species were abolished. This article presents the updated taxonomy of *Negarnaviricota* as currently accepted by the ICTV, providing an essential annual update on the classification of members of this phylum that deepen understandings of their evolution, and supports critical public health measures for virus identification and tracking.

INTRODUCTION

Phylum *Negarnaviricota* was established in 2018 by the International Committee on Taxonomy of Viruses (ICTV) for negative-sense RNA viruses encoding evolutionarily related 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 [1–4]. The phylum was last updated in 2023 [5]. Here, we present the changes that were proposed to the phylum via official taxonomic proposals (TaxoProps) in 2023 and accepted by the ICTV in April 2024 [6]. These changes are now part of the official ICTV taxonomy [7, 8]. Annual updates to virus taxonomy ensure that the classification systems remain responsive to new discoveries and reflect the latest research, facilitating a comprehensive approach to virus tracking and study.

TAXONOMIC CHANGES IN SUBPHYLUM HAPLOVIRICOTINA

Class *Milneviricetes*, order *Serpentovirales*

Order *Serpentovirales* was renamed *Naedrevirales* to prevent confusion with pisoniviricete *Serpentovirinae* (TaxoProp 2023.007P.A. *Serpentovirales_1nord_rename*).

Family *Aspiviridae*

Genus *Ophiovirus* was expanded by one new species, *Ophiovirus capsici*, for pepper chlorosis associated virus (PepCaV) discovered by high-throughput sequencing (HTS) in pepper (*Capsicum annuum* L.) sampled in Kōchi Prefecture (高知県), Japan [9] (TaxoProp 2023.008P.A. *Aspiviridae_1nsp*).

Class *Monjiviricetes*, order *Mononegavirales*

Family *Bornaviridae*

Genus *Cartilovirus* was created to include one new species, *Cartilovirus plani*, for little skate bornavirus (LSBV) discovered in a Sequence Read Archive (SRA) of little skates [rajid *Leucoraja erinacea* (Mitchill, 1825)] [10] (TaxoProp 2023.005M.A. *Bornaviridae_1ngen_3nsp*).

Genus *Cultervirus* was expanded by two new species, *Cultervirus electrophori* and *Cultervirus inflati*, for electric eel bornavirus (EEBV) discovered in an SRA of electric eel [gymnotid *Electrophorus electricus* (Linnaeus, 1766)] and finepatterned puffer

bornavirus (FPBV) discovered in an SRA of finepatterned puffers [tetraodontid *Takifugu poecilonotus* (Temminck & Schlegel, 1850)], respectively [10] (TaxoProp 2023.005M.A.Bornaviridae_1ngen_3nsp).

Family Filoviridae

The family was expanded by one new genus, *Loebvirus*, including one new species, *Loebvirus percae*, for Lötschberg virus (LTBV) discovered by HTS in European perch (*Perca fluviatilis* Linnaeus, 1758) [11] (TaxoProp 2023.025M.Filoviridae_1ng_1nsp).

Family Lispiviridae

Genus *Birfecvirus* was created to include one new species, *Birfecvirus tibetense*, for arlivirus sp. XZN142933 (ALV) discovered by HTS in bird faeces sampled in Tibet, China [12] (TaxoProp 2023.011M.A.Lispiviridae_1ngen_4nsp). The abbreviation ALV is changed here to ALV33 to distinguish this virus from arlivirus sp. virus (ALV) of species *Avesvirus sinense*.

Genus *Anicalvirus* was expanded by one new species, *Anicalvirus hesdarensis*, for hymenopteran arli-related virus OKIAV100 (HARV-100) discovered by HTS in parasitoid wasps (orussid *Orussus unicolor* Latreille, 1812) sampled in Darmstadt, Hesse (Hessen), Germany [13] (TaxoProp 2023.011M.A.Lispiviridae_1ngen_4nsp).

Genus *Copasivirus* was expanded by one new species, *Copasivirus cattienense*, for Cát Tiên Hospitalitermes lispilike virus (CHLV) discovered by HTS in termites (nasutitermitine *Hospitalitermes bicolor* Holmgren, 1912) in Cát Tiên National Park (Vườn quốc gia Cát Tiên), Vietnam [14] (TaxoProp 2023.011M.A.Lispiviridae_1ngen_4nsp).

Genus *Ganiavirus* was expanded by one new species, *Ganiavirus fuyunense*, for Fùyùn tick virus 1 (FTV1) discovered by HTS in unspecified ticks sampled in Fùyùn County (富蕴县), Xinjiang Uygur Autonomous Region (新疆维吾尔自治区), China [15] (TaxoProp 2023.011M.A.Lispiviridae_1ngen_4nsp).

Family Mymonaviridae

Genus *Penicillimonavirus* was expanded by one new species, *Penicillimonavirus cercosporae*, for *Cercospora beticola* negative-stranded virus 3 (CbNSV3) discovered by metagenomics in dothideomycete fungi [mycosphaerellacean *Cercospora beticola* Sacc. (1876)] sampled in China [16] (TaxoProp 2023.016M.A.Mymonaviridae_11nsp).

Genus *Phyllomonavirus* was expanded by one new species, *Phyllomonavirus culicis*, for XiangYun mono-chu-like virus 7 discovered by metagenomics in mosquitoes (culicid *Culex pipiens* Linnaeus, 1758) sampled in Yúnnán Province (云南省), China (unpublished; GenBank #OL700132) (TaxoProp 2023.016M.A.Mymonaviridae_11nsp). XiangYun mono-chu-like virus 7 is decided here to be abbreviated XYmclV7.

Genus *Plasmopamonavirus* was expanded by two new species, *Plasmopamonavirus alphatrichodermiae* and *Plasmopamonavirus betatrichodermiae*, for *Trichoderma harzianum* mononegaviruses 1 (ThMV1) and 2 (ThMV2) discovered by metagenomics in sordariomycete fungi [hypocreacean *Trichoderma harzianum* Rifai (1969)] in an Italian collection, respectively [17] (TaxoProp 2023.016M.A.Mymonaviridae_11nsp).

Genus *Sclerotimonavirus* was expanded by seven new species (TaxoProp 2023.016M.A.Mymonaviridae_11nsp):

- *Sclerotimonavirus alphasclerotiae* for *Alternaria dianthicola* negative-stranded RNA virus 1 (AdNSRV1) discovered by metagenomics in dothideomycete fungi [pleosporacean *Alternaria dianthicola* Neerg. (1945)] sampled in Húnán Province (湖南省), China [18];
- *Sclerotimonavirus proliferatus* for *Fusarium proliferatum* mymonavirus 1 discovered by metagenomics in sordariomycete fungi [nectriacean *Fusarium proliferatum* (Matsush.) Nirenberg ex Gerlach & Nirenberg (1976)] sampled in Italy (unpublished; GenBank #OK524200). *Fusarium proliferatum* mymonavirus 1 is decided here to be abbreviated FpMV1;
- *Sclerotimonavirus alphasclerophalli* for Zhāngzhōu mymon tick virus 3 discovered by metagenomics in brown dog ticks [ixodid *Rhipicephalus sanguineus* (Latreille, 1806)] sampled in Zhāngzhōu (漳州市), Fújiàn Province (福建省), China [19]; Zhāngzhōu mymon tick virus 3 is decided here to be abbreviated ZzMtV3;
- *Sclerotimonavirus betasclerotiae* for *Alternaria tenuissima* negative-stranded RNA virus 2 (AtNSRV2) discovered by metagenomics in dothideomycete fungi [pleosporacean *Alternaria tenuissima* Samuel Paul Wiltshire (1933)] sampled in China [20];
- *Sclerotimonavirus betarhipicephali* for Sānyà mymon tick virus 1 discovered by metagenomics in brown dog ticks [ixodid *Rhipicephalus sanguineus* (Latreille, 1806)] sampled in Hǎinán Province (海南省), China [19]; Sānyà mymon tick virus 1 is decided here to be abbreviated SyMtV1;
- *Sclerotimonavirus ceratocystidis* for *Sclerotimonavirus cacaofunestae* (SVc) discovered by metagenomics in sordariomycete fungi [ceratocystidacean *Ceratocystis cacaofunesta* Engelbr. & T.C.Harr. (2005)] [21]; and
- *Sclerotimonavirus trichodermiae* for *Trichoderma harzianum* negative-stranded virus 2 (ThNV2) discovered by metagenomics in sordariomycete fungi [hypocreacean *Trichoderma harzianum* Rifai (1969)] in an Italian collection [17].

Family Nyamiviridae

Genus *Berhavirus* was expanded by four new species (TaxoProp 2023.029M.Nyamiviridae_7nsp):

- *Berhavirus alphagirardiae* for girado virus 1 (GiV1), *Berhavirus betagirardiae* for girado virus 2 (GiV2) and *Berhavirus gammagirardiae* for girado virus 3 (GiV3), all discovered by mining of a transcriptome shotgun assembly (TSA) database, in a dugesiid triclad [*Girardia dorocephala* (Woodworth, 1897)] [22] and
- *Berhavirus macrostomi* for macroli virus (MacrV), discovered by mining of a TSA database, in a flatworm (macrostomid *Macrostomum lignano* Ladurner, Schärer, Salvenmoser, & Rieger, 2005) [22].

Genus *Formivirus* was expanded by one new species, *Formivirus ixodis*, for Ixodes ricinus orinivirus-like virus 1 (IROV1), identified by HTS in castor bean ticks [ixodid *Ixodes ricinus* (Linnaeus, 1758)] sampled in Croatia [23].

Genus *Nyavirus* was expanded by one new species, *Nyavirus gerbillisci*, for Toure virus (TOUV) isolated from northern savanna gerbils [murid *Gerbilliscus kempfi* (Wroughton, 1906)] sampled in Senegal [24] and unpublished (GenBank #OL774864) (TaxoProp 2023.029M.Nyamiviridae_7nsp).

Genus *Tapwovirus* was expanded by one new species, *Tapwovirus taeniae*, for taeniapi virus (TNPV), discovered by mining of a TSA database, in rabbit tapeworms (taeniid *Taenia pisiformis* Bloch 1780) [22].

Family Paramyxoviridae

Five new subfamilies were created (TaxoProp 2023.018M.Paramyxoviridae_reorg):

- *Feraresvirinae*, to harbour the established genera *Aquaparamyxovirus*, *Ferlavirus* and *Respirovirus*;
- *Glossavirinae*, *Ichthyosvirinae* and *Skoliovirinae* to harbour the three previously unassigned genera *Cynoglossusvirus*, *Hoplichthysvirus* and *Scoliodonvirus*, respectively; and
- *Kamposvirinae*, to harbour a new genus, *Hippocavirus*, to include one new species, *Hippocavirus hippocampi*, for Hippocampus erectus paramyxovirus 1 (HePmV1) discovered by HTS in lined seahorses (syngnathid *Hippocampus erectus* Perry, 1810) sampled in Shāndōng Province (山东省), China [25].

Subfamily Avulavirinae

Genus *Metaavulavirus* was expanded by three new species:

- *Metaavulavirus bangorensis* for 'APMV-2/Finch/N.Ireland/Bangor/73' isolated from an unspecified finch sampled in Bangor, Northern Ireland, UK [26] – here renamed avian paramyxovirus 26;
- *Metaavulavirus calidris* for 'AMPV-6/red-necked stint/Japan/8KS0813/2008' isolated from a red-necked stint [scolopacid *Calidris ruficollis* (Pallas, 1776)] sampled in Hokkaido (北海道), Japan [27] – here renamed avian paramyxovirus 24; and
- *Metaavulavirus procarduelis* for 'APMV-2/Procarduelis nipalensis/China/Suiling/53/2013' discovered by HTS in dark-breasted rosefinch [fringillid *Procarduelis nipalensis* (Hodgson, 1836)] sampled in Suiling County (绥棱县), Heilóngjiāng Province (黑龙江省), China (unpublished; GenBank #KT071755) [28] – here renamed avian paramyxovirus 27.

Genus *Orthoavulavirus* was expanded by two new species:

- *Orthoavulavirus arenariae* for avian paramyxovirus 23 (APMV23) isolated from a cloacal swab of a ruddy turnstone [scolopacid *Arenaria interpres* (Linnaeus, 1758)] sampled in FL, USA [28]; and
- *Orthoavulavirus taiwanense* for 'APMV-12/Anseriformes/Taiwan/AHRI101/2015' discovered in an unspecified anseriform bird sampled in Taiwan [29] – here renamed avian paramyxovirus 25 (APMV25).

Genus *Paraavulavirus* was expanded by one new species, *Paraavulavirus neophemae* for 'APMV3/PKT/Netherlands/449/75' isolated from a parakeet (psittaculid *Neophema* sp.) sampled in the Netherlands [30, 31] – here renamed avian paramyxovirus 28 (APMV28).

Subfamily Feraresvirinae

Genus *Respirovirus* was expanded by two new species:

- *Respirovirus henanense* for porcine parainfluenza virus 2 (PPIV2) discovered by HTS in domestic pigs sampled in Hénán Province (河南省), China [32] and
- *Respirovirus rupicaprae* for 'respirovirus ChamoisRV/IT2014' isolated from Alpine chamois [bovid *Rupicapra rupicapra* (Linnaeus, 1758)] sampled in the northwestern Italian Alps [33] – here renamed chamois respirovirus (ChRPV).

Subfamily Orthoparamyxovirinae

Subfamily *Orthoparamyxovirinae* was expanded by five genera:

Genus *Bovnavirus* was created to include new species *Bovnavirus bovis* for Bulang virus (BulV) discovered by HTS in cattle (bovid *Bos taurus* Linnaeus, 1758) sampled in New South Wales, Australia [34].

Genus *Henipavirus* was expanded by one new species, *Henipavirus angavokelyense*, for Angavokely virus (AngV) discovered by HTS in Malagasy straw-coloured fruit bats (pteropodid *Eidolon dupreanum* Schlegel & Pollen, 1866) sampled in Angavokely near Antananarivo, Madagascar [35]. Ghana virus (GhV; species *Henipavirus ghanaense*) is here renamed Okum tree virus (OtrV).

Genus *Jeilongvirus* was expanded by 24 new species:

- *Jeilongvirus chaetodipodis* for ‘paramyxoviridae sp. isolate AB1’ discovered by HTS in Bailey’s pocket mice [heteromyid *Chaetodipus baileyi* (Merriam, 1894)] sampled in Arizona, USA [36] – here renamed chaeba virus (ChaBV);
- *Jeilongvirus eothenomys* for Wǔfēng *Eothenomys melanogaster* jeilongvirus 1 (here decided to be abbreviated WfEmJV1) discovered by HTS in a Père David’s red-backed vole [cricetid *Eothenomys melanogaster* (A. Milne-Edwards, 1871)] sampled in Wǔfēng (五峰镇), Húběi Province (湖北省), China [37];
- *Jeilongvirus gueckedouense* for memana virus (MemaV) discovered by HTS in Natal mastomys (murid *Mastomys natalensis* Smith, 1834) sampled in Méliandou, Nzérékoré Region, Guinea [38];
- *Jeilongvirus lishuiense* for Lóngquán *Niviventer fulvescens* jeilongvirus 2 (here decided to be abbreviated LqNfJV2) discovered by HTS in Indomalayan niviventer [murid *Niviventer fulvescens* (Gray, 1847)] sampled in Lóngquán (龙泉市), Zhèjiāng Province (浙江省), China [37];
- *Jeilongvirus longquanense* for Lóngquán *Niviventer fulvescens* jeilongvirus 1 (here decided to be abbreviated LqNfJV1) discovered by HTS in Indomalayan niviventer [murid *Niviventer fulvescens* (Gray, 1847)] sampled in Lóngquán (龙泉市), Zhèjiāng Province (浙江省), China [37];
- *Jeilongvirus mastomys* for ninomys virus (NinYsV) discovered by HTS in a harvest mouse [murid *Micromys minutus* (Pallas, 1771)] sampled in Ninove, East Flanders (Oost-Vlaanderen/Flandre-Orientale/Ostflandern), Belgium [39];
- *Jeilongvirus meliandouense* for Méliandou lophuromys virus discovered by HTS in rusty-bellied brush-furred rats [murid *Lophuromys sikapusi* (Temminck, 1853)] sampled in Méliandou, Nzérékoré Region, Guinea [38];
- *Jeilongvirus merionis* for gerbil paramyxovirus (GePV) discovered by HTS in Mongolian jirds [murid *Meriones unguiculatus* (Milne-Edwards, 1867)] sampled in Shaanxi/Shānxī Province (陕西省), China [40];
- *Jeilongvirus microti* for Ninove microtus virus (NiMiV) discovered by HTS in field voles [cricetid *Microtus agrestis* (Linnaeus, 1761)] sampled in Ninove, East Flanders (Oost-Vlaanderen/Flandre-Orientale/Ostflandern), Belgium [38];
- *Jeilongvirus neotomae* for ‘Paramyxoviridae sp. isolate AK5’ discovered by HTS in white-throated woodrats (cricetid *Neotoma albigula* Hartley, 1894) sampled in AZ, USA [36] – here renamed neotal virus (NeTV);
- *Jeilongvirus ninovense* for ninapo virus (NinaV) discovered by HTS in long-tailed field mice [murid *Apodemus sylvaticus* (Linnaeus, 1758)] sampled in Ninove, East Flanders (Oost-Vlaanderen/Flandre-Orientale/Ostflandern), Belgium [39];
- *Jeilongvirus niviventris* for Lóngquán *Niviventer niviventer* jeilongvirus 1 (here decided to be abbreviated LqNnJV1) discovered by HTS in a Himalayan niviventer [murid *Niviventer niviventer* (Hodgson, 1836)] sampled in Lóngquán (龙泉市), Zhèjiāng Province (浙江省), China [37];
- *Jeilongvirus nzerekoreense* for Méliandou mastomys virus (MeMV) discovered by HTS in reddish-white mastomys [murid *Mastomys erythroleucus* (Temminck, 1853)] sampled in Méliandou, Nzérékoré Region, Guinea [38];
- *Jeilongvirus ochotona* for Ochotona cansus jeilongvirus (here decided to be abbreviated OcJV) discovered by HTS in a Gansu pika (ochotonid *Ochotona cansus* Lyon, 1907) sampled in China [41];
- *Jeilongvirus oujiangense* for Wēnzhōu *Rattus norvegicus* jeilongvirus 1 (here decided to be abbreviated WzRnJV1) discovered by HTS in brown rats [murid *Rattus norvegicus* (Berkenhout, 1769)] sampled in Wēnzhōu (温州市), Zhèjiāng Province (浙江省), China [37];
- *Jeilongvirus pajuese* for Paju *Apodemus paramyxovirus* 1 (PAPV1) discovered by HTS in striped field mice [murid *Apodemus agrarius* (Pallas, 1771)] sampled in multiple provinces of South Korea [42];
- *Jeilongvirus praomys* for Méliandou praomys virus (MePV) discovered by HTS in West African praomys [murid *Praomys rostratus* (Miller, 1900)] sampled in Méliandou, Nzérékoré Region, Guinea [38];
- *Jeilongvirus rattus* for Wēnzhōu *Rattus losea* jeilongvirus 2 (here decided to be abbreviated WzRJJV2) discovered by HTS in Losea rats [murid *Rattus losea* (R. Swinhoe, 1871)] sampled in Wēnzhōu (温州市), Zhèjiāng Province (浙江省), China [37];
- *Jeilongvirus sichuanense* for *Eothenomys eva* jeilongvirus (here decided to be abbreviated EeJV) discovered by HTS in *Eva*’s red-backed voles [cricetid *Caryomys eva* (Thomas, 1911)] sampled in Sìchuān Province (四川省), China [41];
- *Jeilongvirus taichungense* for Wǔfēng *Rattus nitidus* jeilongvirus 1 (here decided to be abbreviated WfRnJV1) discovered by HTS in a white-footed Indochinese rat [murid *Rattus nitidus* (Hodgson, 1845)] sampled in Wǔfēng (五峰镇), Húběi Province (湖北省), China [37];
- *Jeilongvirus typhlomys* for Wǔfēng *Typhlomys cinereus* jeilongvirus 1 (here decided to be abbreviated WfTcJV1) discovered by HTS in a soft-furred tree mouse (platacanthomyid *Typhlomys cinereus* Milne-Edwards, 1877) sampled in Wǔfēng (五峰镇), Húběi Province (湖北省), China [37];

- *Jeilongvirus winnikense* for denotus virus (DenoV) discovered by HTS in common voles [cricetid *Microtus arvalis* (Pallas, 1778)] sampled in Ninove, East Flanders (Oost-Vlaanderen/Flandre-Orientale/Ostflandern), Belgium [39];
- *Jeilongvirus wufengense* for Wūfēng Apodemus chevrieri jeilongvirus 1 (here decided to be abbreviated WfAcJV1) discovered by HTS in Chevrier's field mice [murid *Apodemus chevrieri* (Milne-Edwards, 1868)] sampled in Wūfēng (五峰镇), Húběi Province (湖北省), China [37]; and
- *Jeilongvirus yeoncheonense* for Paju Apodemus paramyxovirus 2 (PAPV2) discovered by HTS in striped field mice [murid *Apodemus agrarius* (Pallas, 1771)] sampled in multiple provinces of South Korea [42].

Species *Jeilongvirus anhuiense*, *Jeilongvirus felis* and *Jeilongvirus murinae* were abolished.

Genus *Morbillivirus* was expanded by three new species:

- *Morbillivirus myotis* for Myotis bat morbillivirus (MBaMV) discovered by HTS in a riparian myotis (vespertilionid *Myotis riparius* Handley, 1960) sampled in the Amazon, Brazil [43];
- *Morbillivirus phyllostomi* for Phyllostomus bat morbillivirus (here decided to be abbreviated PBaMV) discovered by HTS in a greater spear-nosed bat [phyllostomid *Phyllostomus hastatus* (Pallas, 1767)] sampled in Atlantic Forest (Mata Atlântica), Brazil [43]; and
- *Morbillivirus suis* for porcine morbillivirus (PoMV) discovered by HTS in domestic pigs (suid *Sus scrofa* Linnaeus, 1758) sampled in northern Mexico [44].

Genus *Narmovirus* was expanded by three new species:

- *Narmovirus meliandouense* for meleucus virus (meleV) discovered by HTS in reddish-white mastomys [murid *Mastomys erythroleucus* (Temminck, 1853)] sampled in Méliandou, Nzérékoré Region, Guinea [38];
- *Narmovirus microti* for denalis virus (DenaV) discovered by HTS in common voles [cricetid *Microtus arvalis* (Pallas, 1778)] sampled in Ninove, East Flanders (Oost-Vlaanderen/Flandre-Orientale/Ostflandern), Belgium [38]; and
- *Narmovirus ninovense* for denestis virus (DeneV) discovered by HTS in field voles [cricetid *Microtus agrestis* (Linnaeus, 1761)] sampled in Ninove, East Flanders (Oost-Vlaanderen/Flandre-Orientale/Ostflandern), Belgium [38].

Genus *Parahenipavirus* was created for species *Henipavirus mojiangense* (moved from genus *Henipavirus* and renamed as *Parahenipavirus mojiangense*) and ten new species:

- *Parahenipavirus chodsigoe* for Wūfēng Chodsigoe smithii henipavirus 1 (here decided to be abbreviated WfCsHV1) discovered by HTS in a Smith's shrew [soricid *Chodsigoe smithii* (Thomas, 1911)] sampled in Wūfēng (五峰镇), Húběi Province (湖北省), China [37];
- *Parahenipavirus crocidurae* for Wūfēng Crocidura attenuata henipavirus 1 (here decided to be abbreviated WfCaHV1) discovered by HTS in Asian grey shrews (soricid *Crocidura attenuata* Milne-Edwards, 1872) sampled in Wūfēng (五峰镇), Húběi Province (湖北省), China [37];
- *Parahenipavirus daeryongense* for Daeryong virus (DARV) discovered by HTS in Asian lesser white-toothed shrews (soricid *Crocidura shantungensis* Miller, 1901) sampled in Gangwon Province (강원도), South Korea [45];
- *Parahenipavirus gamakense* for Gamak virus (GAKV) discovered by HTS in Ussuri white-toothed shrews [soricid *Crocidura lasiura* (Dobson, 1890)] sampled in Gangwon Province (강원도), Gyeonggi Province (경기도) and South Gyeongsang Province (경상남도), South Korea [45];
- *Parahenipavirus jingmenense* for Jīngmén Crocidura shantungensis henipavirus 1 (here decided to be abbreviated JmCsHV1) discovered by HTS in Asian lesser white-toothed shrews (soricid *Crocidura shantungensis* Miller, 1901) sampled in Jīngmén (荆门市), Húběi Province (湖北省), China [37];
- *Parahenipavirus langyaense* for Lángyá virus (LayV) isolated from humans sampled in historic Lángyá Commandery (琅琊郡), Shāndōng Province (山东省) and Hénán Province (河南省), China [46];
- *Parahenipavirus meliandouense* for melian virus (MeliV) discovered by HTS in a large-headed shrew (soricid *Crocidura grandiceps* Hutterer, 1983) sampled in Méliandou, Nzérékoré Region, Guinea [38];
- *Parahenipavirus soricis* for ninorex virus (NinExV) discovered by HTS in a Eurasian pygmy shrew (soricid *Sorex minutus* Linnaeus, 1766) sampled in Ninove, East Flanders (Oost-Vlaanderen/Flandre-Orientale/Ostflandern), Belgium [39];
- *Parahenipavirus wenzhouense* for Wēnzhōu Apodemus agrarius henipavirus 1 (here decided to be abbreviated WzAaHV1) discovered by HTS in striped field mice [murid *Apodemus agrarius* (Pallas, 1771)] sampled in Wēnzhōu (温州市), Zhèjiāng Province (浙江省), China [37]; and
- *Parahenipavirus winnikense* for denwin virus (DewV) discovered by HTS in greater white-toothed shrews [soricid *Crocidura russula* (Hermann, 1780)] sampled in Ninove, East Flanders (Oost-Vlaanderen/Flandre-Orientale/Ostflandern), Belgium [38].

Genus *Parajeilongvirus* was created for species *Jeilongvirus comorosense*, *Jeilongvirus erinacei*, *Jeilongvirus madagascarensis* and *Jeilongvirus miniopteri* (moved from genus *Jeilongvirus* and renamed as *Parajeilongvirus comorosense*, *Parajeilongvirus erinacei*, *Parajeilongvirus madagascarensis* and *Parajeilongvirus miniopteri*, respectively) and 14 new species:

- *Parajeilongvirus brazilense* for ‘Diaemus bat paramyxovirus isolate PREDICT/PBZ-2282’ discovered by HTS in a white-winged vampire bat (phyllostomid *Diaemus youngi* Jentink, 1893) sampled in Atlantic Forest (Mata Atlântica), Brazil [43] – here renamed Diaemus bat paramyxovirus 1 (DBPV1);
- *Parajeilongvirus carolliae* for Carollia bat paramyxovirus (here decided to be abbreviated CBPV) discovered by HTS in Seba’s short-tailed bats (phyllostomid *Carollia perspicillata* (Linnaeus, 1758)) sampled in the Amazon, Brazil [43];
- *Parajeilongvirus desmodi* for Boe virus (BOEV) discovered by HTS in a common vampire bat [phyllostomid *Desmodus rotundus* (Geoffroy, 1810)] sampled around Araçatuba, São Paulo, Brazil [47];
- *Parajeilongvirus diaemi* for ‘Diaemus bat paramyxovirus isolate PREDICT/PBZ-3205’ discovered by HTS in a white-winged vampire bat (phyllostomid *Diaemus youngi* Jentink, 1893) sampled in Atlantic Forest (Mata Atlântica), Brazil [43] – here renamed Diaemus bat paramyxovirus 2 (DBPV2);
- *Parajeilongvirus hainanense* for Hipposideros armiger paramyxovirus (HaParaV) discovered by HTS in great leaf-nosed bats [hipposiderid *Hipposideros armiger* (Hodgson, 1835)] sampled in Hainan Province (海南省), China [48];
- *Parajeilongvirus hipposideri* for Hipposideros bat paramyxovirus (here decided to be abbreviated HBPV) discovered by HTS in Cantor’s leaf-nosed bats (hipposiderid *Hipposideros galeritus* Cantor, 1846) sampled in State of Sabah (Negeri Sabah), Malaysia [43];
- *Parajeilongvirus hubeiense* for Jingmén Miniopterus schreibersii paramyxovirus 1 (here decided to be abbreviated JmMsPV1) discovered by HTS in Schreibers’s long-fingered bats [miniopterid *Miniopterus schreibersii* (Kuhl, 1817)] sampled in Jingmén (荆门市), Húběi Province (湖北省), China [37];
- *Parajeilongvirus jingmenense* for Jingmén Myotis davidii paramyxovirus 1 (here decided to be abbreviated JmMdPV1) discovered by HTS in a David’s myotis (vespertilionid *Myotis davidii* Peters, 1869) sampled in Jingmén (荆门市), Húběi Province (湖北省), China [37];
- *Parajeilongvirus myotis* for Wǔfēng Myotis altarium paramyxovirus 1 (here decided to be abbreviated WfMaPV1) discovered by HTS in Szechwan myotis (vespertilionid *Myotis altarium* Thomas, 1911) sampled in Wǔfēng (五峰镇), Húběi Province (湖北省), China [37];
- *Parajeilongvirus pipistrelli* for piparella virus (PipaV) discovered by HTS in common pipistrelles [vespertilionid *Pipistrellus pipistrellus* (Schreber, 1774)] sampled in Aalst, East Flanders (Oost-Vlaanderen/Flandre-Orientale/Ostflandern), Belgium [39];
- *Parajeilongvirus plecoti* for plecomyxo virus (PlecoV) discovered by HTS in brown long-eared bats [vespertilionid *Plecotus auritus* (Linnaeus, 1758)] sampled in Oudenaarde, East Flanders (Oost-Vlaanderen/Flandre-Orientale/Ostflandern), Belgium [39];
- *Parajeilongvirus rhinolophi* for Wǔfēng Rhinolophus pearsonii paramyxovirus 1 (here decided to be abbreviated WfRpPV1) discovered by HTS in Pearson’s horseshoe bats (rhinolophid *Rhinolophus pearsonii* Horsfield, 1851) sampled in Wǔfēng (五峰镇), Húběi Province (湖北省), China [37];
- *Parajeilongvirus wenzhouense* for Wēnzhōu Myotis davidii paramyxovirus 1 (here decided to be abbreviated WzMdPV1) discovered by HTS in David’s myotis (vespertilionid *Myotis davidii* Peters, 1869) sampled in Wēnzhōu (温州市), Zhèjiāng Province (浙江省), China [37]; and
- *Parajeilongvirus zhejiangense* for Wēnzhōu Myotis laniger paramyxovirus 2 (here decided to be abbreviated WzMlPV2) discovered by HTS in Chinese water myotis (vespertilionid *Myotis laniger* Peters, 1871) sampled in Wēnzhōu (温州市), Zhèjiāng Province (浙江省), China [37].

Genus *Paramorbillivirus* was created for four new species:

- *Paramorbillivirus berylmysis* for Lóngquán Berylmys bowersi morbillivirus 1 (here decided to be abbreviated LqBbMV1) discovered by HTS in a Bower’s berylmys [murid *Berylmys bowersi* (Anderson, 1879)] sampled in Lóngquán (龙泉市), Zhèjiāng Province (浙江省), China [37];
- *Paramorbillivirus gierlense* for Gierle apodemus virus (GapV) discovered by HTS in a long-tailed field mouse [murid *Apodemus sylvaticus* (Linnaeus, 1758)] sampled in Gierle, Antwerp Province (Provincie Antwerpen/Province d’Anvers/Provinz Antwerpen), Belgium [38];
- *Paramorbillivirus niviventris* for Wǔfēng Niviventer fulvescens morbillivirus 1 (here decided to be abbreviated WfNfMV1) discovered by HTS in Indomalayan niviventer [murid *Niviventer fulvescens* (Gray, 1847)] sampled in Wǔfēng (五峰镇), Húběi Province (湖北省), China [37]; and
- *Paramorbillivirus pueyrredonense* for Ratón oliváceo morbillivirus (RoMV) discovered by screening public RNA-Seq data from hairy soft-haired akodonts [cricetid *Abrothrix hirta* (Thomas, 1895)] sampled around Pueyrredón/Cochrane Lake, Santa Cruz Province (Provincia de Santa Cruz), Argentina, and from olive-coloured akodonts [cricetid *Abrothrix olivacea* (Waterhouse, 1837)] sampled in Aysén Province (Provincia de Aysén), Chile [49].

Genus *Tupaivirus* was created for species *Narmovirus tupaiae* (moved from genus *Narmovirus* and renamed as *Tupaivirus tupaiae*).

Subfamily Rubulavirinae

Genus *Orthorubulavirus* was expanded by one new species, *Orthorubulavirus rhinolophi*, for Wǔfēng Rhinolophus sinicus rubulavirus 1 (here decided to be abbreviated WfRsRV1) discovered by HTS in Chinese rufous horseshoe bats (rhinolophid *Rhinolophus*

sinicus K. Andersen, 1905) sampled in Wūfēng (五峰镇), Húběi Province (湖北省), China [37]. Species *Orthorubulavirus alstonvillense* was abolished.

Genus *Pararubulavirus* was expanded by one new species, *Pararubulavirus eidoli*, for Achimota pararubulavirus 3 (AchPV3) isolated from straw-coloured fruit bats (pteropodid *Eidolon helvum* Kerr, 1792) sampled in Accra, Ghana [50].

Family *Rhabdoviridae*

A new subfamily, *Deltarhabdovirinae*, was created to contain four new genera:

Genus *Gammahymrhavirus* was created for three species (TaxoProp 2023.021M.Rhabdoviridae_24nsp_5ngen_1nsf):

- *Gammahymrhavirus cerana* for Apis rhabdovirus 4 (ApRV4) discovered by HTS in Western honey bees (apid *Apis mellifera* Linnaeus, 1758) sampled in Hēilóngjiāng Province (黑龙江省), China (unpublished; GenBank #MZ822106);
- *Gammahymrhavirus longicaudata* for Diachasmimorpha longicaudata rhabdovirus (DlonRV) discovered by HTS in parasitoid wasps [braconid *Diachasmimorpha longicaudata* (Ashmead, 1905)] of tephritid fruit flies sampled in FL, USA (unpublished; GenBank #KP735609); and
- *Gammahymrhavirus mellifera* for Apis rhabdovirus 5 (ApRV5) discovered by HTS in Asian honey bees (apid *Apis cerana* Fabricius, 1793) sampled in Zhèjiāng Province (浙江省), China (unpublished; GenBank #MZ822105).

Genus *Primrhavirus* was created for three reassigned species (TaxoProp 2023.021M.Rhabdoviridae_24nsp_5ngen_1nsf):

- *Primrhavirus atrato* for Atrato rhabdo-like virus 3 (AtRLV3) discovered by HTS in mosquitoes (culicid *Culex* sp.) sampled in Colombia (unpublished; GenBank #MN661034);
- *Primrhavirus gabriel* for San Gabriel mononegavirus (SGMNV) discovered in an RNA-Seq library from a common Asian tiger mosquito [culicid *Aedes albopictus* (Skuse, 1894)] colony maintained in San Gabriel Valley, CA, USA [51]; and
- *Primrhavirus primus* for Primus virus (PRIMV) discovered by HTS in inland floodwater mosquitoes [culicid *Aedes vexans* (Meigen, 1830)] sampled in Younoufere, Matam Region, Senegal [52];

Genus *Stangrhavirus* was created for four new species (TaxoProp 2023.021M.Rhabdoviridae_24nsp_5ngen_1nsf):

- *Stangrhavirus elisy* for Elisy virus (ELSYV) discovered by HTS in western encephalitis mosquitoes (culicid *Culex tarsalis* Coquillett, 1896) sampled in Alameda County, CA, USA [53];
- *Stangrhavirus guadeloupe* for Guadeloupe *Culex* rhabdovirus (GCRV; sample 2017-PB-CQM-1-3) discovered by HTS in southern house mosquitoes (culicid *Culex quinquefasciatus* Say, 1823) sampled in Guadeloupe [54];
- *Stangrhavirus stang* for Stang virus (STNGV) discovered by HTS in tule mosquitoes (culicid *Culex erythrorhax* Dyar, 1907) sampled in the Placer Valley, CA [53]; and
- *Stangrhavirus wuhan* for Wuhan mosquito virus 9 (WhMV9) discovered by HTS in mosquitoes (culicid *Culex tritaeniorhynchus* Giles, 1901) sampled in Wūhàn (武汉市), Húběi Province (湖北省), China [55].

Genus *Gammaricinhavirus* was created for two species (TaxoProp 2023.021M.Rhabdoviridae_24nsp_5ngen_1nsf):

- *Gammaricinhavirus fuyun* for Fuyun tick rhabdovirus (FyTRV) discovered by HTS in ticks (ixodid *Hyalomma* sp.) sampled in Fùyùn County (富蕴县), Xīnjiāng Uygur Autonomous Region (新疆维吾尔自治区), China [15] and
- *Gammaricinhavirus tacheng* for Tacheng tick virus 7 (TcTV7) discovered by HTS in ticks (argasid *Argas miniatus* Koch, 1844) sampled in Tǎchéng, Xīnjiāng Uygur Autonomous Region (新疆维吾尔自治区), China [55].

The established genera *Alphacrusrhavirus*, *Alphadrosrhavirus*, *Alphahymrhavirus*, *Betahymrhavirus*, *Betanemrhavirus*, *Betapapravirus* and *Betaricinhavirus*, previously unassigned to subfamilies, were moved into subfamily *Deltarhabdovirinae* (TaxoProp 2023.021M.Rhabdoviridae_24nsp_5ngen_1nsf).

Genus *Alphahymrhavirus* was expanded by two new species:

- *Alphahymrhavirus distinguendus* for Lariophagus distinguendus negative-strand RNA virus 1 (LdNSRV1) discovered by HTS in parasitoid wasps [pteromalid *Lariophagus distinguendus* (Förster, 1841)] of rice weevil larvae and pupae sampled in Hángzhōu (杭州市), Zhèjiāng Province (浙江省), China [56] and
- *Alphahymrhavirus xiangshan* for Xiangshan rhabdo-like virus 3 (XsRLV3) discovered by HTS in a mixed sample of dipteran, hymenopteran and lepidopteran insects sampled in Beijing, China (unpublished, GenBank #OK491501).

Genus *Betahymrhavirus* was expanded by one new species, *Betahymrhavirus xiangshan*, for Xiangshan rhabdo-like virus 4 (XsRLV4; sample Novel_26) discovered by HTS in a mixed sample of insects (Hymenoptera, Diptera and Lepidoptera) sampled in Beijing, China (unpublished; GenBank #OK491502).

Genus *Betaricinrhavirus* was expanded by three new species (TaxoProp 2023.021M.Rhabdoviridae_24nsp_5ngen_1nsf):

- *Betaricinrhavirus mudanjiang* for Mudanjiang rhabd tick virus 1 (MjRTV1) discovered by HTS in ticks [ixodid *Ixodes persulcatus* (Schulze, 1930)] collected from the field in Jilin Province (吉林省), China (unpublished; GenBank #ON746525);
- *Betaricinrhavirus tongren* for Tongren rhabd tick virus 1 (TrRTV1) discovered by HTS in East Asian mountain haemaphysalids (ixodid *Haemaphysalis hystricis* Supino, 1897) collected from swine in Guizhou Province (贵州省), China (unpublished; GenBank #ON746523); and
- *Betaricinrhavirus yanbian* for Yanbian rhabd tick virus 3 (YbRTV3) discovered by HTS in ticks (ixodid *Haemaphysalis japonica* Warburton, 1908) collected from the field in Jilin Province (吉林省), China (unpublished; GenBank #ON746524).

Subfamily *Alpharhabdovirinae*

Subfamily *Alpharhabdovirinae* was expanded by one new genus, *Uniorhavirus*, including one new species, *Uniorhavirus killamcar*, for killamcar virus 1 (KILLV1) discovered by HTS in a plain pocketbook (unionid *Lampsilis cardium* Rafinesque, 1820) sampled in Kilmore Creek, IN, USA [57] (2023.002 M.A.Alpharhabdovirinae_2ngen_2nsp).

In genus *Almendravirus*, species name *Almendravirus xianshan* was corrected to *Almendravirus xiangshan* (TaxoProp 2023.001M.A.Almendravirus_1sp_rename.docx). The genus was expanded by one new species, *Almendravirus shanxi*, for Shanxi arboretum virus (SxABTV) isolated from a pool of mosquitoes [culicid *Armigeres subalbatus* (Coquillett, 1898)] sampled in Shanxi Province (山西省), China, 2019 [58] (TaxoProp 2023.003M.A.Alpharhabdovirinae_8nsp).

Genus *Alpharicinrhavirus* was expanded by 12 new species (TaxoProp 2023.015M.A.Alpharhabdovirinae_17nsp.docx):

- *Alpharicinrhavirus bancrofti* for *Haemaphysalis bancrofti* rhabdovirus (HbanRV) discovered by HTS in wallaby ticks (ixodid *Haemaphysalis bancrofti* Nuttall & Warburton, 1915) sampled in Australia (unpublished; GenBank #OK128265);
- *Alpharicinrhavirus huanggang* for Huanggang rhabd tick virus 1 (HgRTV1) discovered by HTS in ticks [ixodid *Rhipicephalus microplus* (Canestrini, 1888)] collected from cattle in Hubei Province (湖北省), China (unpublished; GenBank #ON74651);
- *Alpharicinrhavirus huangpi* for Huangpi tick virus 3 (HpTV3) discovered by HTS in Doenitz' Oriental-Australian bird haemaphysalids (ixodid *Haemaphysalis doenitzii* Warburton & Nuttall, 1909) sampled in Wuhan (武汉市), Hubei Province (湖北省), China [59];
- *Alpharicinrhavirus jilin* for Yanbian rhabd tick virus 1 (YbRTV1) discovered by HTS in taiga ticks [ixodid *Ixodes persulcatus* (Schulze, 1930)] sampled in Jilin Province (吉林省), China (unpublished; GenBank #ON746520);
- *Alpharicinrhavirus nanning* for Nanning rhabd tick virus 1 (NnRTV1) discovered by HTS in Asian monitor lizard ticks (ixodid *Amblyomma varanense* Supino, 1897) sampled in Guangxi Zhuang Autonomous Region (广西壮族自治区), China (unpublished; GenBank #ON746519);
- *Alpharicinrhavirus ningxia* for Guyuan rhabd tick virus 1 (GyRTV1) discovered by HTS in ticks (ixodid *Haemaphysalis japonica* Warburton, 1908) collected from sheep in Ningxia Hui Autonomous Region (宁夏回族自治区), China (unpublished; GenBank #PP945241);
- *Alpharicinrhavirus qinghai* for Yushu rhabd tick virus 2 (YsRTV2) discovered by HTS in ticks (ixodid *Dermacentor everestianus* Hirst, 1926) collected from cattle in Qinghai Province (青海省), China (unpublished; GenBank #ON746530);
- *Alpharicinrhavirus reticulatus* for *Dermacentor reticulatus* rhabdovirus 1 (DretRV1) discovered by HTS in ornate cow ticks (ixodid *Dermacentor reticulatus* Fabricius, 1794) sampled in Croatia [23];
- *Alpharicinrhavirus skanevik* for Norway mononegavirus 1 (NWMV1) discovered by HTS in ticks [ixodid *Ixodes ricinus* (Linnaeus, 1758)] sampled in the region of former Skånevik municipality, Norway [60];
- *Alpharicinrhavirus tahe* for Tahe rhabdovirus 1 (ThRV1) discovered by HTS in relict ticks (ixodid *Haemaphysalis concinna* C. L. Koch, 1844) sampled in Taihe County (塔河县), Heilongjiang Province (黑龙江省), China [61]. Yanbian rhabd tick viruses 4 (YbRTV4) and 5 (YbRTV5) (unpublished; GenBank #ON746526 and #ON746537, respectively) are considered to be isolates of ThRV1, and their names and abbreviations should not be used anymore;
- *Alpharicinrhavirus taishun* for Taishun tick virus (TsTV) discovered by HTS in East Asian mountain haemaphysalids (ixodid *Haemaphysalis hystricis* Supino, 1897) sampled in Taishun County (泰顺县), Zhejiang Province (浙江省), China [59]; and
- *Alpharicinrhavirus zhangjiakou* for Zhangjiakou rhabd tick virus 1 (ZjRTV1) discovered by HTS in ticks (ixodid *Dermacentor silvarum* Olenov, 1931) sampled in Inner Mongolia Autonomous Region (内蒙古自治区), China (unpublished; GenBank #ON746531).

Genus *Amphyliovirus* was expanded by one new species, *Amphyliovirus pugnax*, for Boana pugnax lyssa-like virus 1 (BpugLLV1) discovered by HTS in Chirique-Flusse tree frogs [hylid *Boana pugnax* (Spix, 1824)] sampled in Colombia (unpublished; GenBank #MZ682616) (TaxoProp 2023.015M.Alpharhabdovirinae_17nsp.docx).

Genus *Ephemerovirus* was expanded by one new species, *Ephemerovirus huanggang*, for Huanggang rhabd tick virus 2 (HgRTV2) discovered by HTS in ticks [ixodid *Rhipicephalus microplus* (Canestrini, 1888)] collected from cattle in Hubei Province (湖北省), China (unpublished; GenBank #ON746527) (TaxoProp 2023.010M.A.Ephemerovirus_1nsp).

Genus *Ledantavirus* was expanded by one new species, *Ledantavirus tongren*, for Tongren rhabd tick virus 2 (TrRTV2) discovered by HTS in ticks (ixodid *Haemaphysalis* sp.) collected from domestic pigs in Guizhōu Province (贵州省), China (unpublished; GenBank #ON746534) (TaxoProp 2023.003M.A.Alpharhabdovirinae_8nsp).

Genus *Lostrhavirus* was expanded by one new species, *Lostrhavirus alxa*, for Alxa tick rhabdovirus (ATRV) discovered by HTS in ticks (ixodid *Hyalomma* sp.) collected from herbivore livestock in Xinjiāng Uygur Autonomous Region (贵州省) and Inner Mongolia Autonomous Region (内蒙古自治区), China [15] (TaxoProp 2023.003M.A.Alpharhabdovirinae_8nsp).

Genus *Lyssavirus* was expanded by one new species, *Lyssavirus kotalahti*, for Kotalahti bat lyssavirus (KBLV) discovered by HTS in Brandt's myotis [vespertilionid *Myotis brandtii* (Eversmann, 1845)] sampled near Kotalahti, Finland [62, 63] (TaxoProp 2023.012M.A.Lyssavirus_1nsp).

Genus *Merhavirus* was expanded by three new species (TaxoProp 2023.015M.A.Alpharhabdovirinae_17nsp.docx):

- *Merhavirus formosus* for Formosus virus (FORMV) discovered by HTS in yellow fever mosquitoes [culicid *Aedes aegypti* (Linnaeus in Hasselquist, 1762)] from a laboratory colony originating from Bundibugyo, Western Region, Uganda [51];
- *Merhavirus hattula* for Hattula rhabdovirus (HTTRV) discovered by HTS in mosquitoes [culicid *Ochlerotatus communis* (de Geer, 1776)] sampled in Ilomantsi, North Karelia (Pohjois-Karjala/Norra Karelen), Finland [64]; and
- *Merhavirus inari* for Inari rhabdovirus (INARV) discovered by HTS in mosquitoes [culicid *Ochlerotatus communis* (de Geer, 1776)] sampled in Lapland, Finland [64].

Genus *Ohlsrhavirus* was expanded by one new species, *Ohlsrhavirus adumi*, for Adumi virus (ADUMV) discovered by HTS in unspecified mosquitoes sampled in Uganda (unpublished; GenBank #OQ077989) (TaxoProp 2023.015M.A.Alpharhabdovirinae_17nsp.docx).

Genus *Sigmavirus* was expanded by two new species (TaxoProp 2023.003M.A.Alpharhabdovirinae_8nsp):

- *Sigmavirus jopcygri* for jopcygri virus 1 (JPCGV1) discovered by HTS in bat flies (hippoboscids *Cyclopodia greeffi* Karsch, 1884) sampled in Nigeria [65] and
- *Sigmavirus tryoni* for Bactrocera tryoni rhabdovirus 1 (BtryRV1) discovered by HTS in Queensland fruit flies [tephritid *Bactrocera tryoni* (Froggatt, 1897)] sampled in Australia [66].

Genus *Tupavirus* was expanded by three new species (TaxoProp 2023.003M.A.Alpharhabdovirinae_8nsp):

- *Tupavirus incomtus* for tupavirus SB8301 (TUPVSB) discovered by HTS in common dasmids [murid *Dasymys incomtus* (Sundevall, 1847)] sampled in Kenya (unpublished; GenBank #OL774829);
- *Tupavirus stheno* for bat tupavirus BS1 (BtTVBS1) discovered by HTS in lesser brown horseshoe bats (rhinolophid *Rhinolophus stheno* K. Andersen, 1905) sampled in Yúnnán Province (云南省), China (unpublished; GenBank #OQ709183); and
- *Tupavirus stoliczkanus* for bat tupavirus BS2 (BtTVBS2) discovered by HTS in Stoliczka's Asian trident bats [hipposiderid *Aselliscus stoliczkanus* (Dobson, 1871)] sampled in Yúnnán Province (云南省), China [67].

Subfamily Betarhabdovirinae

Subfamily Betarhabdovirinae was expanded by three new genera (2023.004 M.A.Betarhabdovirinae_2ngen_9nsp_move1sp):

Genus *Alphagymnorhavirus* for eight novel species:

- *Alphagymnorhavirus abietis* for Abies virus 1 (AbiV1) discovered in transcriptome data of Nordmann fir [pinaceae *Abies nordmanniana* (Steven) Spach] from CT, USA [68];
- *Alphagymnorhavirus amentotaxi* for Amentotaxus virus 1 (AmeV1) discovered in transcriptome data of catkin yew [taxaceae *Amentotaxus argotaenia* (Hance) Pilg.] from Chengdu, China [68];
- *Alphagymnorhavirus cupressi* for Cupressus virus 1 (CupV1) discovered in transcriptome data of Cheng cypress (cupressaceae *Cupressus chengiana* S.Y.Hu) from Sichuān Province (四川省), China [68];
- *Alphagymnorhavirus piceae* for Picea virus 1 (PicV1) discovered in transcriptome data of Qinghai spruce (pinaceae *Picea crassifolia* Kom.) from Qīnghǎi Province (青海省), China [68];
- *Alphagymnorhavirus pinibanksiae* for Pinus banksiana virus 1 (PiBanV1) discovered in transcriptome data of jack pine (pinaceae *Pinus banksiana* Lamb.) from Alberta, Canada [68];
- *Alphagymnorhavirus piniyunannensis* for Pinus yunnanensis virus 1 (PiYunV1) discovered in transcriptome data of Yunnan pine (pinaceae *Pinus yunnanensis* Franch.) from Yúnnán Province (云南省), China [68];
- *Alphagymnorhavirus sciadopitysis* for Sciadopitys virus 1 (SciV1) discovered in transcriptome data of Japanese umbrella pine [sciadopityaceae *Sciadopitys verticillata* (Thunb.) Siebold and Zucc.] [68]; and
- *Alphagymnorhavirus taxi* for Taxus virus 1 (TaxV1) discovered in transcriptome data of hybrid yew (taxaceae *Taxus × media* Rehder) from Hángzhōu (杭州市), Zhèjiāng Province (浙江省), China [68].

Species *Varicosavirus pini* was moved into genus *Alphagymnorhavirus* and renamed *Alphagymnorhavirus piniflexilis*.

Genus *Betagymnorhavirus* was established to include one new species, *Betagymnorhavirus torreyae*, for Torrey virus 1 (TorV1) discovered in transcriptome data of Chinese nutmeg yew (taxaceae *Torreya grandis* Fortune ex Lindl.) sampled in Chéngdū (成都市), Sichuān Province (四川省), China [68].

Genus *Deltanucleorhabdovirus* was established to include two new species (TaxoProp 2023.017M.A.Betarhabdovirinae_1 ng_7 nsp):

- *Deltanucleorhabdovirus fragariae* for strawberry virus 3 (StrV3) discovered by HTS in strawberry (rosaceae *Fragaria×ananassa* Duchesne) sampled in the USA [69] and
- *Deltanucleorhabdovirus medicaginis* for Medicago sativa virus 1 (MSV1) discovered by HTS in alfalfa (fabaceae *Medicago sativa* L.) sampled in China [70].

Genus *Alphanucleorhabdovirus* was expanded by two new species (TaxoProp 2023.017M.A.Betarhabdovirinae_1 ng_7 nsp):

- *Alphanucleorhabdovirus lycopersici* for tomato alphanucleorhabdovirus 1 (TARV1) discovered by HTS in tomato (solanaceae *Solanum lycopersicum* L.) sampled in Strunjan, Coastal-Karst Statistical Region (Obalno-kraška statistična regija), Slovenia [71] and
- *Alphanucleorhabdovirus xinjianensis* for Xinjiang alphanucleorhabdovirus (XARV) discovered by HTS in horse faeces sampled in Xinjiāng Uyghur Autonomous Region (新疆维吾尔自治区), China [72].

Genus *Betanucleorhabdovirus* was expanded by four new species (TaxoProp 2023.017M.A.Betarhabdovirinae_1 ng_7 nsp):

- *Betanucleorhabdovirus alphalycopersici* for tomato betanucleorhabdovirus 1 (TBRV1) discovered by HTS in tomato (solanaceae *Solanum lycopersicum* L.) sampled in Beričevo, Central Slovenia Statistical Region (Osrednjeslovenska statistična regija), Slovenia [71];
- *Betanucleorhabdovirus betalycopersici* for tomato betanucleorhabdovirus 2 (TBRV2) discovered by HTS in tomato (solanaceae *Solanum lycopersicum* L.) sampled in Beričevo, Central Slovenia Statistical Region (Osrednjeslovenska statistična regija), Slovenia [71];
- *Betanucleorhabdovirus picridis* for Picris betanucleorhabdovirus 1 (PBRV1) was discovered by HTS in bristly ox-tongue [asteraceae *Helminthotheca echioides* (L.) Holub] sampled in Slovenia [71]; and
- *Betanucleorhabdovirus taraxi* for Taraxacum betanucleorhabdovirus 1 (TarBRV1) discovered by HTS in dandelion [asteraceae *Taraxacum officinale* (L.) Weber ex F.H.Wigg.] sampled in Slovenia [71].

Genus *Cytorhabdovirus* was expanded by 12 new species (TaxoProp 2023.008M.A.Cytorhabdovirus_12 nsp.docx):

- *Cytorhabdovirus betafragariae* for strawberry virus 2 (StrV2) discovered by HTS in strawberry (rosaceae *Fragaria×ananassa* Duchesne) sampled in the USA [73];
- *Cytorhabdovirus betarosae* for rose-associated cytorhabdovirus (RaCV) discovered by HTS in sweetbriar rose (rosaceae *Rosa rubiginosa* L.) sampled in Chóngqīng (重庆), China [74];
- *Cytorhabdovirus daphnis* for daphne virus 1 (DV1) discovered by HTS in winter daphne (thymelaeaceae *Daphne odora* Thunb.) sampled in South Korea [75];
- *Cytorhabdovirus glycini* for soybean blotchy mosaic virus (SbBMV) discovered by HTS in soybean [fabaceae *Glycine max* (L.) Merr.] sampled in South Africa [76];
- *Cytorhabdovirus hyptidis* for Hyptis latent virus (HpLV) discovered by HTS in bushmint [lamiaceae *Hyptis pectinata* (L.) Poit.] sampled in Ecuador [77];
- *Cytorhabdovirus pastinacae* for Pastinaca cytorhabdovirus 1 (PaCRV1) discovered by HTS in wild parsnip (apiaceae *Pastinaca sativa* L.) sampled in Slovenia [71];
- *Cytorhabdovirus pogostemi* for Patchouly chlorosis-associated cytorhabdovirus (PcaCV) discovered by HTS in patchouly [lamiaceae *Pogostemon cablin* (Blanco) Benth.] sampled in Pará, Brazil [78];
- *Cytorhabdovirus ribes* for blackcurrant rhabdovirus 2 (BCRV2) discovered by HTS in black currant (grossulariaceae *Ribes nigrum* L.) sampled in the Czech Republic [79];
- *Cytorhabdovirus rudbeckiae* for Rudbeckia virus 1 (RudV1) discovered by HTS in coneflower (asteraceae *Rudbeckia* sp.) sampled in China [80];
- *Cytorhabdovirus sambuci* for Sambucus virus 1 (SaV1) discovered by HTS in elderberry (adoxaceae *Sambucus nigra* L.) sampled in the Czech Republic [81];
- *Cytorhabdovirus taraxaci* for Taraxacum cytorhabdovirus 1 (TCRV1) discovered by HTS in dandelion [asteraceae *Taraxacum officinale* (L.) Weber ex F.H.Wigg.] sampled in Slovenia [71]; and
- *Cytorhabdovirus tiliae* for Tilia cytorhabdovirus 1 (TiCRV1) discovered by HTS in small-leaved lime (malvaceae *Tilia cordata* Mill.) sampled in Germany [82].

Genus *Dichorhavirus* was expanded by one new species, *Dichorhavirus australis*, for citrus bright spot virus (CiBSV) discovered by HTS in sweet orange [rutaceae *Citrus×sinensis* (L.) Osbeck] sampled in South Region (Região Sul), Brazil [83] (TaxoProp 2023.009M.A.Dichorhavirus_1 nsp.docx).

Genus *Gammanucleorhabdovirus* was expanded by one new species, *Gammanucleorhabdovirus cerealis*, for cereal chlorotic mottle virus (CCMoV) discovered by HTS in oats (poaceae *Avena sativa* L.) sampled in Morocco [84] (TaxoProp 2023.017M.A.Beta rhabdovirinae_1 ng_7nsp).

Genus *Varicosavirus* was expanded by 32 new plant-infecting species (TaxoProp 2023.022M.Varicosavirus_32nsp):

- *Varicosavirus aconiti* for Aconitum virus 1 (AcoV1) discovered in transcriptome data of Kusnezoff monkshood (ranunculaceae *Aconitum kusnezoffii* Rchb.) tissues from Jilin Province (吉林省), China [68];
- *Varicosavirus aerae* for Apera virus 1 (ApeV1) discovered in transcriptome data of common windgrass [poaceae *Apera spica-venti* (L.) P.Beauv.] tissues from Denmark [68];
- *Varicosavirus aponegeti* for Aponogeton virus 1 (ApoV1) discovered in transcriptome data of lace plant [aponogetonaceae *Aponogeton madagascariensis* (Mirb.) H. Bruggen] tissues from Canada [68];
- *Varicosavirus arceuthobii* for Arceuthobium virus 8 (ArcV8) discovered in transcriptome data of dwarf mistletoe [santalaceae *Arceuthobium sichuanense* (H. S. Kiu) Hawksw. and Wiens] tissues from Qinghai Province (青海省), China [68];
- *Varicosavirus artemisiae* for Artemisia virus 1 (ArtV1) discovered in transcriptome data of common wormwood (asteraceae *Artemisia absinthium* L.) tissues from the UK [68];
- *Varicosavirus asclepiadis* for Asclepias syriaca virus 3 (AscSyV3) discovered in transcriptome data of common milkweed (apocynaceae *Asclepias syriaca* L.) tissues from IL, USA [68];
- *Varicosavirus betabrossicae* for Brassica virus 2 (BrV2) discovered in transcriptome data of shortpod mustard [brassicaceae *Hirschfeldia incana* (L.) Lagr.-Foss.], Indian mustard [brassicaceae *Brassica juncea* (L.) Czern. var. *rugosa*] and Chinese kale (*Brassica oleracea* L. var. *alboglabra*) tissues from the USA, India and China, respectively [68];
- *Varicosavirus caladeniae* for Caladenia virus 1 (CalV1) discovered in transcriptome data of crab-lipped spider orchid (orchidaceae *Caladenia plicata* Fitzg.) tissues from Western Australia [68];
- *Varicosavirus centaureae* for Centaurea virus 1 (CenV1) discovered in transcriptome data of cornflower (asteraceae *Centaurea cyanus* L.) tissues from New South Wales, Australia [68];
- *Varicosavirus cucumis* for Cucumis virus 1 (CucV1) discovered in transcriptome data of melon (cucurbitaceae *Cucumis melo* L.) tissues from China [68];
- *Varicosavirus didymochlaenae* for Didymochlaena virus 1 (DidV1) discovered in transcriptome data of tree maidenhair fern [didymochlaenaceae *Didymochlaena truncatula* (Sw.) J.Sm.] tissues from Indonesia [68];
- *Varicosavirus erysimi* for Erysimum virus 1 (EryV1) discovered in transcriptome data of wallflower [brassicaceae *Erysimum bastetianum* (Blanca and C.Morales) Lorite, Perfectti and J.M.Gómez] tissues from Spain [68];
- *Varicosavirus frullaniae* for Frullania virus 1 (FruV1) discovered in transcriptome data of the liverwort (frullaniaceae *Frullania orientalis* Sande Lacoste, 1855) from Sichuan Province (四川省), China [68];
- *Varicosavirus guizotiae* for Guizotia virus 1 (GuiV1) discovered in transcriptome data of noog [asteraceae *Guizotia abyssinica* (L.f.) Cass.] tissues from Australia [68];
- *Varicosavirus holci* for Holcus virus 1 (HolV1) discovered in transcriptome data of common velvet grass (poaceae *Holcus lanatus* L.) tissues from Northern Ireland, UK [68];
- *Varicosavirus leucanthemi* for Leucanthemum virus 1 (LeuV1) discovered in transcriptome data of oxeye daisy (asteraceae *Leucanthemum vulgare* Lam.) tissues from New South Wales, Australia [68];
- *Varicosavirus luffae* for Luffa virus 1 (LufV1) discovered in transcriptome data of sponge gourd (cucurbitaceae *Luffa aegyptiaca* Mill.) tissues from Australia [68];
- *Varicosavirus meliloti* for Melilotus virus 1 (MelV1) discovered in transcriptome data of honey clover (fabaceae *Melilotus albus* Medik.) and yellow sweet clover [*Melilotus officinalis* (L.) Lam.] tissues from China and Canada, respectively [68];
- *Varicosavirus monocleae* for Monoclea gottschei varicosa-like virus (MgVV) discovered in transcriptome data of the liverwort (monocleaceae *Monoclea gottschei* Lindb., 1886) (unpublished; GenBank #OX380363–4);
- *Varicosavirus penniseti* for Pennisetum virus 1 (PenV1) discovered in transcriptome data of purple grass [poaceae *Pennisetum violaceum* (Lam.) Rich.] tissues from India [68];
- *Varicosavirus primulae* for Primula virus 1 (PriV1) discovered in transcriptome data of splendour primrose (primulaceae *Primula oreodoxa* Franch.) tissues from Sichuan Province (四川省), China [68];
- *Varicosavirus ranunculi* for Ranunculus virus 1 (RanV1) discovered in transcriptome data of goldilocks buttercup (ranunculaceae *Ranunculus auricomus* L.) tissues from Slovakia [68];
- *Varicosavirus raphani* for Raphanus virus 1 (RapV1) discovered in transcriptome data of radish (brassicaceae *Raphanus raphanistrum sativus* L.) tissues from China [68];
- *Varicosavirus ribes* for Ribes virus 1 (RibV1) discovered in transcriptome data of Siberian currant (grossulariaceae *Ribes diacanthum* Pall. 1776) tissues from China [68];
- *Varicosavirus silenae* for Silene virus 1 (SilV1) discovered in transcriptome data of bladder campion [caryophyllaceae *Silene vulgaris* (Moench) Garcke] tissues from Slovakia [68];
- *Varicosavirus streptoglossae* for Streptoglossa virus 1 (StrV1) discovered in transcriptome data of broadhead daisy [asteraceae *Streptoglossa macrocephala* (F.Muell.) Dunlop] tissues from Western Australia [68];

- *Varicosavirus tanacetii* for Tanacetum virus 1 (TanV1) discovered in transcriptome data of common tansy (asteracean *Tanacetum vulgare* L.) tissues from Germany [68];
- *Varicosavirus thyrsopteris* for tree fern varicosa-like virus (TfVV) discovered in transcriptome data of tree fern (thyrsopteridacean *Thyrsopteris elegans* Kunze) tissues (unpublished; GenBank #OX380482–3);
- *Varicosavirus treubiae* for Treubia virus 1 (TreV1) discovered in transcriptome data of the liverwort [treubiacean *Treubia lacunosa* (Colenso) Prosk.] from China [68];
- *Varicosavirus tritici* for Triticum virus 1 (TriV1) discovered in transcriptome data of wheat (poacean *Triticum aestivum* L.) tissues from OH, USA [68];
- *Varicosavirus vincetoxici* for Vincetoxicum virus 1 (VinV1) discovered in transcriptome data of variegated swallow-wort (apocynacean *Cynanchum versicolor* Bunge) tissues from China [68]; and
- *Varicosavirus zea* for Zea virus 1 (ZeaV1) discovered in transcriptome data of corn (poacean *Zea mays* L.) tissues from Germany [68].

Subfamily Gammarhabdovirinae

Subfamily Gammarhabdovirinae was expanded by one new genus, *Margarhavirus*, for one new species, *Margarhavirus chemarfa*, for chemarfa virus 1 (CHMFV1) discovered by HTS in a western pearlshell (margaritiferid *Margaritifera falcata* Gould, 1850) sampled in the Chehalis River, WA, USA [57] (2023.002 M.A. Alpharhabdovirinae_2ngen_2nsp).

Unassigned to a subfamily

A genus unassigned to a subfamily, *Platrhavirus*, was created for six new species (TaxoProp 2023.021 M. Rhabdoviridae_24nsp_5ngen_1nsf):

- *Platrhavirus microphallus* for microrhabdovirus 1 (MicRV1) discovered in an RNA-Seq library from a fluke (plagiorchiid *Microphallus* sp.) [22];
- *Platrhavirus nodulosis* for triaenorhabdovirus 1 (TriRV1) discovered in an RNA-Seq library from a pike tapeworm [triaenophorid *Triaenophorus nodulosus* (Pallas, 1781) Rudolphi, 1793] [22];
- *Platrhavirus orientalis* for metorhabdovirus 2 (MetRV2) discovered in an RNA-Seq library from a liver fluke (plagiorchiid *Metorchis orientalis* Tanabe, 1920) [22];
- *Platrhavirus pseudoglobulus* for sphaeridiorhabdovirus 1 (SphRV1) discovered in an RNA-Seq library from a waterfowl fluke [psilostomatid *Sphaeridiotrema pseudoglobulus* (Rudolphi, 1814)] [22];
- *Platrhavirus turkestanicum* for schistorhabdovirus 1 (SchRV1) discovered in an RNA-Seq library from a blood fluke (schistosomatid *Schistosoma turkestanicum* Skrjabin, 191) [22]; and
- *Platrhavirus vulpes* for fox faecal rhabdovirus (FFRV) discovered by HTS in a red fox [canid *Vulpes vulpes* (Linnaeus, 1758)] sampled in Spain [85].

Family Xinmoviridae

Family Xinmoviridae was expanded to include 10 new genera and 11 new species (TaxoProp 2023.023 M. Xinmoviridae_10ng_11nsp):

Genus *Corulvirus* for one new species, *Corulvirus hangzhouense*, for Hángzhōu Zicrona caerulea xinmovirus 1 (HaZCV1) discovered by HTS in blue shieldbugs (pentatomid *Zicrona caerulea* Linnaeus, 1758) sampled in Hángzhōu (杭州市), Zhèjiāng Province (浙江省), China [unpublished; GenBank #MZ209710];

Genus *Culivirus* for two new species:

- *Culivirus belgradiense* for Serbia mononega-like virus 1 (SerMV1) discovered by HTS in common house mosquitoes (culicid *Culex pipiens* Linnaeus, 1758) sampled in Belgrade, Serbia [86], and
- *Culivirus dunyae* for Aedes albopictus anphevirus (AealbAV) discovered by HTS in common Asian tiger mosquitoes [culicid *Aedes albopictus* (Skuse, 1894)] sampled in the USA, Japan, Italy, China, Thailand and Switzerland [87];

Genus *Gordisvirus* for one new species, *Gordisvirus californiense*, for Gordis virus (GorV) discovered by HTS in mosquitoes [culicid *Culiseta particeps* (Adams, 1903)] sampled in San Diego County, CA, USA [53];

Genus *Gudgevirus* for one new species, *Gudgevirus namadgii*, for Gudgenby Calliphora mononega-like virus (GuCalMV) discovered by HTS in bluebodied blowflies [calliphorid *Calliphora augur* (Fabricius, 1775)] sampled in Gudgenby Valley, Namadgi National Park, Australian Capital Territory, Australia [88];

Genus *Laumovirus* for one new species, *Laumovirus liaoningense*, for Fūshùn Monolepta lauta xinmovirus 2 (FuMLV2) discovered by HTS in leaf beetles (chrysomelid *Monolepta lauta* Gressitt & Kimoto, 1963) sampled in Fūshùn (抚顺市), Liáoníng Province (辽宁省), China (unpublished; GenBank #MZ210031);

Genus *Molauvirus* for one new species, *Molauvirus liaoningense*, for Fūshùn Monolepta lauta xinmovirus 1 (FuMLV1) discovered by HTS in leaf beetles (chrysomelid *Monolepta lauta* Gressitt & Kimoto, 1963) sampled in Fūshùn (抚顺市), Liáoníng Province (辽宁省), China (unpublished; GenBank #MZ210030);

Genus *Nurnegvirus* for one new species, *Nurnegvirus hainanense*, for Sānyà Ischnura senegalensis xinmovirus 1 (SISeV1) discovered by HTS in common bluetails [coenagrionid *Ischnura senegalensis* (Rambur, 1842)] sampled in Sānyà (三亚市), Hǎinán Province (海南省), China (unpublished; GenBank #MZ209914);

Genus *Puclevirus* for one new species, *Puclevirus hangzhouense*, for Hángzhōu Cletus punctiger xinmovirus 1 (HaCPV1) discovered by HTS in rice stinkbugs [coreid *Cletus punctiger* (Dallas, 1852)] sampled in Hángzhōu (杭州市), Zhèjiāng Province (浙江省), China (unpublished; GenBank #MZ209673);

Genus *Tecephavirus* for one new species, *Tecephavirus sydneyense*, for bat faecal-associated anphe-like virus 1 (BtFAV1) discovered by HTS in the gut metagenome of grey-headed flying foxes (pteropodid *Pteropus poliocephalus* Temminck, 1825) sampled in Centennial Park, Sydney, Australia [89]; and

Genus *Trocevirus* for one new species, *Trocevirus haikouense*, for Bactrocera dorsalis xinmovirus 2 (BDorV) discovered by HTS in oriental fruit flies [tephritid *Bactrocera dorsalis* (Hendel, 1912)] in Hǎikǒu (海口市), Hǎinán Province (海南省), China (unpublished; GenBank #HG994135).

TAXONOMIC CHANGES IN SUBPHYLUM POLYPLOVIRICOTINA

Class Ellioviricetes

Class *Ellioviricetes* was renamed *Bunyaviricetes*. One new order, *Hareavirales*, was established in the class, and families *Arenaviridae*, *Discoviridae*, *Leishbuviridae*, *Mypoviridae*, *Nairoviridae*, *Phenuiviridae* and *Wupedeviridae* were moved into this order from order *Bunyavirales* (TaxoProp 2023.024M.Bunyaviricetes) [90]. Family *Konkoviridae* was established in order *Hareavirales* (2023.006M.A.Bunyavirales_1nfam_1ngen_1nsp) [90] to include one new genus, *Olpivirus*, including one new species, *Olpivirus tulipae*, for tulip streak virus (TuSV) discovered by metagenomics in tulips (liliaceae *Tulipa gesneriana* L.) [91].

Family Arenaviridae

Genus *Mammarenavirus* was expanded by nine species:

- *Mammarenavirus abaense* for Ābà-Miányáng virus (AMYV) discovered by HTS in plateau pikas [ochotonid *Ochotona curzoniae* (Hodgson, 1858)] sampled in Ngawa Tibetan and Qiang Autonomous Prefecture 阿坝藏族羌族自治州; abbreviated as Ābà (阿坝州)/Miányáng (绵阳市), China [41] (TaxoProp 2023.027M.Mammarenavirus_6nsp);
- *Mammarenavirus batangense* for Bātáng virus [BTTV; formerly plateau pika virus (PPV)] discovered by HTS in plateau pikas [ochotonid *Ochotona curzoniae* (Hodgson, 1858)] sampled in Yùshù (玉树市), Qīnghǎi Province (青海省), China [92] (TaxoProp 2023.027M.Mammarenavirus_6nsp);
- *Mammarenavirus beregaense*, for Berega virus (BEGV) discovered by reverse transcription polymerase chain reaction (RT-PCR) screening in a woodland grammomys [murid *Grammomys surdaster* (Thomas and Wroughton, 1908; sensu Musser & Carleton 2005 and Bryja et al. 2017)] in Berega, Morogoro Region (Mkoa wa Morogoro), Tanzania [93] (TaxoProp 2023.014M.A.Mammarenavirus_2nsp);
- *Mammarenavirus ganzhiense* for Gānzī virus (GNZV) discovered by HTS in plateau pikas [ochotonid *Ochotona curzoniae* (Hodgson, 1858)] sampled in Garzê Tibetan Autonomous Prefecture [甘孜藏族自治州; abbreviated as Gānzī Prefecture (甘孜藏族自治州)], China [41] (TaxoProp 2023.027M.Mammarenavirus_6nsp);
- *Mammarenavirus mafigaense* for Mafiga virus (MAFV) discovered by RT-PCR screening in a single-striped lemniscomys [murid *Lemniscomys rosalia* (Thomas, 1904)] in Mafiga, Morogoro Region (Mkoa wa Morogoro), Tanzania [94, 95] (TaxoProp 2023.013M.A.Mammarenavirus_1nsp);
- *Mammarenavirus mecsekense* for Mecsek Mountains virus (MEMV) discovered by RT-PCR in northern white-breasted hedgehogs (erinaceid *Erinaceus roumanicus* Barrett-Hamilton, 1900) sampled in Baranya County (Baranya vármegye), Hungary [96] (TaxoProp 2023.027M.Mammarenavirus_6nsp);
- *Mammarenavirus ngerengerense* for Ngerengere virus (NGEV) discovered by RT-PCR screening of southern African pygmy mice [murid *Mus (Nannomys) minutoides* (A Smith, 1834)] sampled in Morogoro Region (Mkoa wa Morogoro), Tanzania [93, 95] (TaxoProp 2023.027M.Mammarenavirus_6nsp);
- *Mammarenavirus songeaense* for Songea virus (SOGV) discovered by RT-PCR screening in a woodland grammomys [murid *Grammomys surdaster* (Thomas and Wroughton, 1908; sensu Musser & Carleton 2005 and Bryja et al. 2017)] in Lilondo, Ruvuma Region (Mkoa wa Ruvuma), Tanzania [93] (TaxoProp 2023.014M.A.Mammarenavirus_2nsp); and
- *Mammarenavirus tietense* for Tietê virus (TIEV), discovered by RT-PCR in Seba's short-tailed bats [phyllostomid *Carollia perspicillata* (Linnaeus, 1758)] sampled in southeastern Brazil [97] (TaxoProp 2023.027M.Mammarenavirus_6nsp).

Family Nairoviridae

Family *Nairoviridae* was expanded by one new genus, *Sitinavirus*, to include new species *Sitinavirus sichuanense* for Sìchuān tick nairovirus (ScTNV) discovered by HTS in unspecified ixodid ticks feeding on giant pandas in Sìchuān Province (四川省), China [98] (TaxoProp 2023.028M.Nairoviridae_1 ng_9nsp).

Genus *Orthonairovirus* was expanded by eight new species (TaxoProp 2023.028M.Nairoviridae_1 ng_9nsp):

- *Orthonairovirus antuense* for Āntú virus (ANTV) discovered by HTS in ticks (ixodid *Dermacentor silvarum* Olenov, 1931) sampled in Āntú County (安图县), Yānbīan Korean Autonomous Prefecture (延边朝鲜族自治州), Jílín Province (吉林省), China [99];
- *Orthonairovirus crocidurae* for Wǔfēng *Crocidura attenuata* orthonairovirus 1 (WfCAV1) discovered by HTS in Asian grey shrews (soricid *Crocidura attenuata* Milne-Edwards, 1872) sampled in Wǔfēng (五峰镇), Húběi Province (湖北省), China (unpublished; GenBank #OM030321–3);
- *Orthonairovirus gubboense* for Gubbo nairovirus (GUBV) discovered by HTS in ticks (argasid *Carios vespertilionis* Latreille, 1796) in Snesslinge, Uppsala County (Uppsala län), Sweden [100];
- *Orthonairovirus lambarenense* for lamusara virus (LMSV), discovered by RT-PCR in goliath shrews (soricid *Crocidura goliath* Thomas, 1906) sampled around Lambaréné, Moyen-Ogooué, Gabon [101];
- *Orthonairovirus manidae* for pangolin orthonairovirus (PONV) discovered by HTS in unspecified pangolins sampled in China (unpublished; GenBank #ON024087–9);
- *Orthonairovirus meihuashanense* for Méihuā Mountain virus (MHMV) discovered by HTS in ticks [ixodid *Haemaphysalis hystricis* Supino, 1897, *Haemaphysalis formosensis* Neumann, 1913, *Dermacentor taiwanensis* Sugimoto, 1935, and *Rhipicephalus microplus* (Canestrini, 1888)] sampled in the Méihuā Mountains (梅花山), Fújiàn Province (福建省), China [102];
- *Orthonairovirus sinense* for 'orthonairovirus sp. isolate YS' discovered by HTS in faeces of an unspecified shrew sampled in China (unpublished; GenBank #MW391927–9) – here renamed wawsin virus (WAWV);
- *Orthonairovirus sunci* for cencurut virus (CENV) discovered by HTS in Asian house shrews [soricid *Suncus murinus* (Linnaeus, 1766)] and in a nymphal tick (ixodid *Amblyomma helvolum* Koch, 1844) sampled in Singapore [103].

Family Phenuiviridae

The family was expanded by one new genus, *Bocivirus*, including three new species:

- *Bocivirus botrytidis* for Botrytis cinerea bocivirus 1 (BcBV1) discovered by HTS in grey mould [sclerotiniacean *Botrytis cinerea* Pers. (1794)] sampled in Spain [104];
- *Bocivirus fusarii* for Fusarium sibiricum coguvirus 1 (FsCV1) discovered by HTS in ascomycete fungi (nectriacean *Fusarium sibiricum* Gagkaeva, Burkin, Kononenko, Gavrilova, O'Donnell, T. Aoki, & Yli-Mattila, 2016) sampled in China [105]; and
- *Bocivirus trichodermiae* for Trichoderma gamsii cogu-like virus 1 (TgClV1) discovered by HTS in ascomycete fungi [hypocreacean *Trichoderma gamsii* Samuels & Druzhinina (2006)] sampled in Italy [17].

Established species *Coguvirus viticolum* was renamed *Bocivirus viticolum* and moved into genus *Bocivirus* (TaxoProps 2023.019 M.A.Phenuiviridae_1 ng_1nsp_1spmr and 2023.024 M.A.Bunyaviricetes).

Genus *Coguvirus* was expanded by one new species, *Coguvirus chrysanthae*, for Edgeworthia chrysantha mosaic-associated virus (ECMaV) discovered by HTS in Oriental paperbush (thymelaeacean *Edgeworthia chrysantha* Lindl.) sampled in China [106] (TaxoProp 2023.007M.A.Coguvirus_1nsp).

Genus *Mechlorovirus* was expanded by one new species, *Mechlorovirus ramuense*, for Ramu stunt virus (RmSV) discovered by HTS in sugarcane (panicoidean *Saccharum officinarum* L.) sampled in Madang Province (Madang Provins), Papua New Guinea [107] (TaxoProp 2023.020M.Phenuiviridae_4nsp).

In genus *Phlebovirus*, species *Frijoles phlebovirus* was renamed *Phlebovirus limboense* (TaxoProp 2023.032M.Phlebovirus_1nsp_rename).

Genus *Tenuivirus* was expanded by three new species (TaxoProp 2023.020M.Phenuiviridae_4nsp):

- *Tenuivirus festucae* for Festuca stripe-associated virus (FSaV) discovered by HTS in meadow fescue (poacean *Festuca pratensis* Huds.) sampled in Saxony-Anhalt (Sachsen-Anhalt), Germany [108];
- *Tenuivirus kwazuluense* for wheat yellows virus (WhYV) discovered by HTS in common wheat (poacean *Triticum aestivum* L.) sampled in KwaZulu-Natal, South Africa [109]; and
- *Tenuivirus pontaense* for wheat white spike virus (WWSV) discovered by HTS in common wheat (poacean *Triticum aestivum* L.) sampled in Ponta Grossa, Paraná State, Brazil [110].

Order Bunyavirales

Order *Bunyavirales* was renamed *Elliovirales* (TaxoProp 2023.024M.Bunyaviricetes) [90].

Family Fimoviridae

Genus *Emaravirus* was expanded by three new species:

- *Emaravirus ailanthi* for Ailanthus crinkle leaf-associated virus (ACrLaV) discovered by RNA-Seq and RT-PCR in Chinese sumac [simaroubaceae *Ailanthus altissima* (Mill.) Swingle] sampled in Gàizhōu (盖州市), Liáoníng Province (辽宁省), China [111] (TaxoProp 2023.011P.A.Emaravirus_1nsp);
- *Emaravirus artemisiae* for Artemisia fimovirus 1 (ArtV1) discovered by HTS in Chinese mugwort (asteraceae *Artemisia verlotiorum* Lamotte) sampled in Slovenia [71] (TaxoProp 2023.010P.A.Emaravirus_1nsp); and
- *Emaravirus kudzu* for Pueraria lobata-associated emaravirus (PloaEV) discovered by HTS in kudzu vine [fabaceae *Pueraria montana* var. *lobata* (Willd.) Maesen and S.M.Almeida ex Sanjappa and Predeep] sampled in Běibèi (北碚), Chóngqīng (重庆), China [112] (TaxoProp 2023.009P.A.Emaravirus_1ns).

Family Hantaviridae

Genus *Percilovirus* was created to include one new species, *Percilovirus gobii*, for *Luposicya lupus* actinovirus (LIAV) discovered by HTS in wolfsnout goby (gobiid *Luposicya lupus* J. L. B. Smith, 1959) sampled in Orpheus Island, North Queensland, Australia [113]. Species *Actinovirus lophii* was renamed *Percilovirus lophii* and moved from genus *Actinovirus* into genus *Percilovirus* (TaxoProp 2023.035M.Hantaviridae_reorg).

Genus *Mobatvirus* was expanded by one new species, *Mobatvirus dakrongense*, for Đakrông virus discovered by HTS in Stoliczka's Asian trident bats [hipposiderid *Aselliscus stoliczkanus* (Dobson, 1871)] sampled in Đakrông Nature Reserve, Quảng Trị Province, Vietnam [114]. *Orthohantavirus robinaense* was renamed *Mobatvirus robinaense* and moved from genus *Orthohantavirus* into genus *Mobatvirus* (TaxoProp 2023.035M.Hantaviridae_reorg).

Genus *Orthohantavirus* was expanded to include three species (TaxoProp 2023.035M.Hantaviridae_reorg):

- *Orthohantavirus artybashense* for Artybash virus (ARTV) discovered by HTS in Laxmann's shrews (soricid *Sorex caecutiens* Laxmann, 1788) sampled near Lake Teletskoye/Teleckoe (Телецкое озеро), Altai/Altaj Republic (Алтай Республика), Russia [115];
- *Orthohantavirus lankaense* for Lanka virus (LNKV) discovered by HTS in little Indian field mice [murid *Mus booduga* (Gray, 1837)] sampled in Polonnaruwa District (පොලොන්නරුව දිස්ත්‍රික්කය), Sri Lanka [116]; and
- *Orthohantavirus wufengense* for Wūfēng Chodsigoa smithii orthohantavirus 1 (WfCsOHV1) discovered by HTS in Smith's shrews [soricid *Chodsigoa smithii* (Thomas, 1911)] sampled in Wūfēng (五峰镇), Húběi Province (湖北省), China (unpublished; GenBank #OM030311–3).

Species *Orthohantavirus moroense* and *Orthohantavirus negraense* were renamed *Orthohantavirus carrizalense* and *Orthohantavirus mamorense*, respectively. Species *Orthohantavirus fusongense*, *Orthohantavirus necocliense*, *Orthohantavirus oxbowense*, *Orthohantavirus seewisense* and *Orthohantavirus yakeshiense* were abolished. Adler virus (ADLV), Castelo dos Sonhos virus (CASV), El Moro Canyon virus (ELMCV), gōu virus, Laguna Negra virus (LANV), Lechiguanas virus (LECV; LECHV), Liánghé virus (LHEV), Orán virus (ORNV) and Serang virus (SERV) were removed from established species and now count as unclassified (TaxoProp 2023.035M.Hantaviridae_reorg).

Family Peribunyaviridae

Genus *Gryffinivirus* was created for two new species (TaxoProp 2023.031M.Peribunyaviridae_1 ng_7nsp):

- *Gryffinivirus alamedaense* for Udune virus (UDNV) discovered by HTS in a single mosquito (culicid *Culex pipiens*, Linnaeus, 1758) sampled in CA, USA [53] and
- *Gryffinivirus hedwigae* for Hedwig virus (HEDV) discovered by HTS in captive snowy owls [strigid *Bubo scandiacus* (Linnaeus, 1758)] sampled in Germany [117].

Genus *Orthobunyavirus* was expanded by five new species (TaxoProp 2023.031M.Peribunyaviridae_1 ng_7nsp):

- *Orthobunyavirus barritaense* for Barrita virus (BITV) isolated from mosquitoes [culicid *Psorophora varipes* (Coquillett, 1904)] sampled near Isla Morelos, Chiapas, Mexico [118];
- *Orthobunyavirus belmontense* for Belmont virus (BELV) isolated from common banded mosquitoes (culicid *Culex annulirostris* Skuse, 1889) sampled in Belmont, Australia [119];
- *Orthobunyavirus parkeri* for Parker's Farm virus (PFV) isolated from common banded mosquitoes (culicid *Culex annulirostris* Skuse, 1889) sampled in Queensland, Australia [120];
- *Orthobunyavirus sussexense* for Little Sussex virus (LTLVS) isolated from common banded mosquitoes (culicid *Culex annulirostris* Skuse, 1889) sampled near Sussex Inlet, Australia [120]; and
- *Orthobunyavirus yacaabaense* for Yacaaba virus (YACV) isolated from mosquitoes [culicid *Ochlerotatus vigilax* (Skuse, 1889)] sampled near Mount Yacaaba, New South Wales, Australia [121].

Pahayokee virus (PAHV) was identified as an isolate of Shark River virus (SRV; species *Orthobunyavirus squalofluvii*). Thus, the name Pahayokee virus (PAHV) should not be used anymore (TaxoProp 2023.031M.Peribunyaviridae_1 ng_7nsp).

In genus *Pacuvirus*, Santarém virus (STMV) was identified as an isolate of Tapirapé virus (TAPV; species *Pacuvirus tapirapeense*). Thus, the name Santarém virus (STMV) should not be used anymore (TaxoProp 2023.031M.Peribunyaviridae_1 ng_7nsp).

Family Phasmaviridae

In genus *Orthophasmavirus*, an error was corrected by switching the assignment of two viruses: *Orthophasmavirus fushunense* now harbours Fūshùn phasmavirus 2 (FsnPV2) instead of Fūshùn phasmavirus 1 (FsnPV1) and *Orthophasmavirus sogatellae* now harbours FsnPV1 instead of FsnPV2 (TaxoProp 2023.030M.A.Orthophasmavirus_2sp_name_switch).

CONCLUSIONS

A summary of the current ICTV-accepted taxonomy of the phylum *Negarnaviricota* is presented in Tables 1–9 and in the form of two posters (Fig. S1, available in the online Supplementary Material).

Table 1. Taxonomy of the order *Muvirales* (*Negarnaviricota*: *Haploviricotina*: *Chunqiviricetes*) as of April 2024

Genus	Species*	Virus (abbreviation)†
Family Qinviridae [122]		
<i>Yingvirus</i>	<i>Yingvirus beihaiense</i>	Běihǎi sesamid crab virus 4 (BhSCV4)
	<i>Yingvirus charybdis</i>	Wēnzhōu qinvirus-like virus 2 (WzQLV2)
	<i>Yingvirus hubeiense</i>	Húběi qinvirus-like virus 1 (HbQLV1)
	<i>Yingvirus sanxiaense</i>	Sānxiá qinvirus-like virus 1 (SxQLV1)
	<i>Yingvirus shaheense</i>	Shāhé qinvirus-like virus 1 (ShQLV1)
	<i>Yingvirus wenzhouense</i>	Wēnzhōu qinvirus-like virus 1 (WzQLV1)
	<i>Yingvirus wuhanense</i>	Wūhàn insect virus 15 (WhIV15)
	<i>Yingvirus xinzhouense</i>	Xīnzhōu nematode virus 3 (XzNV3)

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. Taxonomy of the order *Naedrevirales* (*Negarnaviricota*: *Haploviricotina*: *Milnevircetes*) as of April 2024

Genus	Species*	Virus (abbreviation)†
Family Aspiviridae [123, 124]		
<i>Ophiovirus</i>	<i>Ophiovirus capsici</i>	pepper chlorosis associated virus (PepCaV)
	<i>Ophiovirus citri</i>	citrus psorosis virus (CPsV)
	<i>Ophiovirus freesia</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 (BlMaV)

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 3. Taxonomy of the order *Jingchuvirales* [125] (*Negarnaviricota: Haploviricotina: Monjiviricetes*) as of April 2024

Genus	Species*	Virus (abbreviation)†
Family <i>Aliusviridae</i>		
<i>Obscuruvirus</i>	<i>Obscuruvirus quintum</i>	Atrato chu-like virus 5 (ACIV5)
<i>Ollusvirus</i>	<i>Ollusvirus coleopteri</i>	Húběi coleoptera virus 3 (HbCV3)
	<i>Ollusvirus culverttonense</i>	Culverton virus (CvV)
	<i>Ollusvirus hanchengense</i>	Hánchéng leafhopper mivirus (HLMV)
	<i>Ollusvirus hymenopteri</i>	hymenopteran chu-related virus 123 (HCrV123)
	<i>Ollusvirus insectii</i>	hymenopteran chu-related virus 126 (HCrV126)
	<i>Ollusvirus nomadae</i>	Nomada lathburiana mononega-like virus (NLmLV)
	<i>Ollusvirus oropsyllae</i>	Oropsylla silantiewi mononega-like virus 2 (OSmLV2)
	<i>Ollusvirus rhagoveliae</i>	Rhagovelia obesa mononega-like virus (ROmLV)
	<i>Ollusvirus scaldisense</i>	Scaldis River bee virus (SRBV)
	<i>Ollusvirus shayangense</i>	Shāyáng fly virus 1 (SyFV1)
	<i>Ollusvirus taiyuanense</i>	Tàiyuán leafhopper virus (TYLeV)
Family <i>Chuviridae</i>		
<i>Boscovirus</i>	<i>Boscovirus hippoboscidae</i>	Wūhàn louse fly virus 7 (WhLFV7)
	<i>Boscovirus hypoboscidae</i>	Wūhàn louse fly virus 6 (WhLFV6)
<i>Chuvivirus</i>	<i>Chuvivirus brunnichi</i>	Wēnlíng crustacean virus 14 (WICV14)
	<i>Chuvivirus canceris</i>	Wēnzhōu crab virus 2 (WzCV2)
<i>Culicidavirus</i>	<i>Culicidavirus culicidae</i>	Wūhàn mosquito virus 8 (WhMV8)
	<i>Culicidavirus culicis</i>	Culex mosquito virus 5 (ClMV5)
	<i>Culicidavirus imjinense</i>	Imjin River virus 1 (IjRV1)
	<i>Culicidavirus quitotaense</i>	Culex mosquito virus 4 (ClMV4)
<i>Demapteravirus</i>	<i>Demapteravirus dermapteri</i>	dermapteran chu-related virus 142 (DCrV142)
<i>Doliuvirus</i>	<i>Doliuvirus culisetae</i>	Mos8Chu0 chuvirus (MoCV)
<i>Mivirus</i>	<i>Mivirus amblyomae</i>	lone star tick chuvirus 1 (LSTCV1)
	<i>Mivirus belostomatis</i>	Belostoma flumineum mononega-like virus (BFmLV)
	<i>Mivirus boleense</i>	Bólè tick virus 3 (BTV3)
	<i>Mivirus changpingense</i>	Chāngpíng tick virus 2 (CpTV2)
	<i>Mivirus dermacentoris</i>	Chāngpíng tick virus 3 (CpTV3)
		Tāchéng tick virus 5 (TcTV5)
	<i>Mivirus genovaense</i>	Genoa virus (GeV)
	<i>Mivirus karukeraense</i>	Karukera tick virus (KtV)
	<i>Mivirus rhipicephali</i>	brown dog tick mivirus 1 (BDTMV1)
	<i>Mivirus suffolkense</i>	Suffolk virus (SFKV)
	<i>Mivirus wuhanense</i>	Wūhàn tick virus 2 (WhTV2)
<i>Morsusvirus</i>	<i>Morsusvirus argatis</i>	Tāchéng tick virus 4 (TcTV4)
<i>Nigecruvivirus</i>	<i>Nigecruvivirus ixodes</i>	blacklegged tick chuvirus 2 (BITCV2)
	<i>Nigecruvivirus periplanetae</i>	Periplaneta americana mononega-like virus (PAmLV)

Continued

Table 3. Continued

Genus	Species*	Virus (abbreviation)†
<i>Odonatavirus</i>	<i>Odonatavirus draconis</i>	odonatan chu-related virus 137 (OCrV137)
	<i>Odonatavirus fabricii</i>	Húběi odonate virus 11 (HbOV11)
	<i>Odonatavirus odontis</i>	odonatan chu-related virus 136 (OCrV136)
<i>Pediavirus</i>	<i>Pediavirus cirripedis</i>	Běihǎi barnacle virus 9 (BhBV9)
<i>Piscichuvirus</i>	<i>Piscichuvirus craterocephali</i>	hardyhead chuvirus (HhCV)
	<i>Piscichuvirus franki</i>	Herr Frank virus 1 (HFrV1)
	<i>Piscichuvirus lycodontis</i>	Guǎngdōng red-banded snake chuvirus-like virus (GRSCV)
	<i>Piscichuvirus sanxiaense</i>	Sānxiá atyid shrimp virus 4 (SxASC4)
	<i>Piscichuvirus wenlingense</i>	Wēnlíng fish chu-like virus (WFCIV)
<i>Pterovirus</i>	<i>Pterovirus chulinense</i>	hymenopteran chu-related virus OKIIV147 (HCrV147)
<i>Rochuvirus</i>	<i>Rochuvirus chalcocoris</i>	Chalcocoris rutilans mononega-like virus 2 (CRmlV2)
<i>Scarabeuvirus</i>	<i>Scarabeuvirus blattae</i>	Wǔchāng cockroach virus 3 (WcLFV3)
	<i>Scarabeuvirus dentati</i>	Húběi chuvirus-like virus 3 (HbCLV3)
	<i>Scarabeuvirus hubeiense</i>	Húběi chuvirus-like virus 1 (HbCLV1)
	<i>Scarabeuvirus lampyris</i>	Lampyris noctiluca chuvirus-like virus 1 (LNCIV1)
	<i>Scarabeuvirus lishiense</i>	Lìshì spider virus 1 (LsSV1)
	<i>Scarabeuvirus supellae</i>	Supella longipalpa mononega-like virus 2 (SLmlV2)
	<i>Scarabeuvirus trichopriae</i>	Trichopria drosophilae mononega-like virus (TDmlV)
<i>Taceavirus</i>	<i>Taceavirus wenlingense</i>	Wēnlíng crustacean virus 15 (WICV15)
<i>Vapochuvirus</i>	<i>Vapochuvirus trialeurodis</i>	Trialeurodes vaporariorum mononega-like virus 2 (TVmlV2)
Family Crepuscuviridae		
<i>Aqualaruvirus</i>	<i>Aqualaruvirus sialis</i>	megalopteran chu-related virus 119 (MCRV119)
Family Myriaviridae		
<i>Myriavirus</i>	<i>Myriavirus myriapedis</i>	Húběi myriapoda virus 8 (HbMV8)
Family Natareviridae		
<i>Charybdivirus</i>	<i>Charybdivirus charybdis</i>	Wēnzhōu crab virus 3 (WzCV3)

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.

Table 4. Taxonomy of the order *Mononegavirales* (*Negarnaviricota*: *Haploviricotina*: *Monjiviricetes*) as of April 2024

Genus	Species*	Virus (abbreviation)†
Family Artoviridae [126]		
<i>Hexartovirus</i>	<i>Hexartovirus cirripedis</i>	Běihǎi barnacle virus 8 (BhBV8)
	<i>Hexartovirus lepeophtheiri</i>	Lepeophtheirus salmonis negative-stranded RNA virus 1 (LsNSRV1)
<i>Peropuvirus</i>	<i>Peropuvirus beihaiense</i>	Běihǎi rhabdo-like virus 1 (BhRLV1)
	<i>Peropuvirus dentati</i>	Húběi rhabdo-like virus 8 (HbRLV8)
	<i>Peropuvirus hubeiense</i>	Húběi rhabdo-like virus 6 (HbRLV6)
	<i>Peropuvirus juli</i>	Húběi rhabdo-like virus 5 (HbRLV5)
	<i>Peropuvirus lignarii</i>	Běihǎi rhabdo-like virus 2 (BhRLV2)
	<i>Peropuvirus melongenae</i>	Solanum melongena rhabdo-like virus (SmRLV)
	<i>Peropuvirus pteromali</i>	Pteromalus puparum negative-strand RNA virus 1 (PpNSRV1)
Family Bornaviridae [127]		
<i>Carbovirus</i>	<i>Carbovirus queenslandense</i>	jungle carpet python virus (JCPV)
	<i>Carbovirus tapeti</i>	southwest carpet python virus (SWCPV)
<i>Cartilovirus</i>	<i>Cartilovirus plani</i>	little skate bornavirus (LSBV)
<i>Cultervirus</i>	<i>Cultervirus electrophori</i>	electric eel bornavirus (EEBV)
	<i>Cultervirus hemicultri</i>	Murray-Darling carp bornavirus (MDCBV)
<i>Orthobornavirus</i>	<i>Cultervirus inflati</i>	Wūhàn sharpbelly bornavirus (WhSBV)
	<i>Orthobornavirus alphapsittaciforme</i>	finetailed puffer bornavirus (FPBV)
		parrot bornavirus 1 (PaBV1)
		parrot bornavirus 2 (PaBV2)
		parrot bornavirus 3 (PaBV3)
		parrot bornavirus 4 (PaBV4)
		parrot bornavirus 7 (PaBV7)
	<i>Orthobornavirus avisaquaticae</i>	aquatic bird bornavirus 1 (ABBV1)
		aquatic bird bornavirus 2 (ABBV2)
	<i>Orthobornavirus betapsittaciforme</i>	parrot bornavirus 5 (PaBV5)
	<i>Orthobornavirus bornaense</i>	Borna disease virus 1 (BoDV1)
		Borna disease virus 2 (BoDV2)
	<i>Orthobornavirus caenophidia</i>	Caribbean watersnake bornavirus (CWBV)
		Mexican black-tailed rattlesnake bornavirus (MRBV)
	<i>Orthobornavirus elapsoideae</i>	Loveridge's garter snake virus 1 (LGSV1)
	<i>Orthobornavirus estrildidae</i>	estrildid finch bornavirus 1 (EsBV1)
	<i>Orthobornavirus sciuri</i>	variegated squirrel bornavirus 1 (VSBV1)
	<i>Orthobornavirus serini</i>	canary bornavirus 1 (CnBV1)
		canary bornavirus 2 (CnBV2)
		canary bornavirus 3 (CnBV3)
Family Filoviridae [128]		

Continued

Table 4. Continued

Genus	Species*	Virus (abbreviation)†
<i>Cuevavirus</i>	<i>Cuevavirus lloviuense</i>	Lloviu virus (LLOV)
<i>Dianlovirus</i>	<i>Dianlovirus menglaense</i>	Měnglà virus (MLAV)
<i>Loebivirus</i>	<i>Loebivirus percae</i>	Lötschberg virus (LTBV)
<i>Oblavirus</i>	<i>Oblavirus percae</i>	Oberland virus (OBLV)
<i>Orthoebolavirus</i>	<i>Orthoebolavirus bombaliense</i>	Bombali virus (BOMV)
	<i>Orthoebolavirus bundibugyoense</i>	Bundibugyo virus (BDBV)
	<i>Orthoebolavirus restonense</i>	Reston virus (RESTV)
	<i>Orthoebolavirus sudanense</i>	Sudan virus (SUDV)
	<i>Orthoebolavirus taiense</i>	Tai Forest virus (TAFV)
	<i>Orthoebolavirus zairense</i>	Ebola virus (EBOV)
<i>Orthomarburgvirus</i>	<i>Orthomarburgvirus marburgense</i>	Marburg virus (MARV)
		Ravn virus (RAVV)
<i>Striavirus</i>	<i>Striavirus antennarii</i>	Xilāng virus (XILV)
<i>Tapjovirus</i>	<i>Tapjovirus bothropis</i>	Tapajós virus (TAPV)
<i>Thamnovirus</i>	<i>Thamnovirus kanderense</i>	Kander virus (KNDV)
	<i>Thamnovirus percae</i>	Fiwi virus (FIWIV)
	<i>Thamnovirus thamnaconi</i>	Huángjiāo virus (HUJV)
Family <i>Lispiviridae</i> [129]		
<i>Acridvirus</i>	<i>Acridvirus hangzhouense</i>	Hángzhōu acrida cinerea lispivirus 1 (HzACLV1)
<i>Aleyavirus</i>	<i>Aleyavirus fuyangense</i>	Bemisia tabaci arlivirus 1 (BtAV1)
<i>Aleybivirus</i>	<i>Aleybivirus fuyangense</i>	Bemisia tabaci arlivirus 2 (BtAV2)
<i>Anicalvirus</i>	<i>Anicalvirus hangzhouense</i>	Anisopteromalus calandreae negative-strand RNA virus 2 (AcNSRV2)
	<i>Anicalvirus hesdarensis</i>	hymenopteran arli-related virus OKIAV100 (HARV100)
<i>Anidravirus</i>	<i>Anidravirus hangzhouense</i>	Anisopteromalus calandreae negative-strand RNA virus 1 (AcNSRV1)
<i>Aranavirus</i>	<i>Aranavirus guiyangense</i>	Guiyáng lispivirus 1 (GyLV1)
<i>Aranbivirus</i>	<i>Aranbivirus guiyangense</i>	Guiyáng lispivirus 2 (GyLV2)
<i>Arlivirus</i>	<i>Arlivirus arachnae</i>	Lǐshì spider virus 2 (LsSV2)
	<i>Arlivirus hangzhouense</i>	Hángzhōu Scotinophara lurida lispivirus 1 (HzSLLV1)
	<i>Arlivirus ningboense</i>	Nbu stink bug virus 1 (NbuSBV1)
<i>Avesvirus</i>	<i>Avesvirus sinense</i>	Arlivirus sp. virus (ALV)
<i>Birfecvirus</i>	<i>Birfecvirus tibetense</i>	arlivirus sp. XZN142933 (ALV33)
<i>Copasivirus</i>	<i>Copasivirus cattienense</i>	Cát Tiên Hospitalitermes lispilike virus (CHLV)
	<i>Copasivirus ivindoense</i>	isopteran arli-related virus OKIAV103 (IARV103)
	<i>Copasivirus manlyvaleense</i>	Jimsystemes virus (JIMV)
<i>Cybitervirus</i>	<i>Cybitervirus niederense</i>	coleopteran arli-related virus OKIAV107 (CARV107)
<i>Damravirus</i>	<i>Damravirus dentatis</i>	Húběi odonate virus 10 (HbOV10)

Continued

Table 4. Continued

Genus	Species*	Virus (abbreviation)†
<i>Ganiavirus</i>	<i>Damravirus fushunense</i>	Fùshùn Ischnura senegalensis lispivirus 1 (FsISLV1)
	<i>Ganiavirus fuyunense</i>	Fùyùn tick virus 1 (FTV1)
	<i>Ganiavirus tachengense</i>	Tǎchéng tick virus 6 (TcTV6)
<i>Hemipvirus</i>	<i>Hemipvirus scuti</i>	Hángzhōu Eysarcoris guttigerus lispivirus 1 (HzEGLV1)
	<i>Hemipvirus veri</i>	Hángzhōu Cletus punctiger lispivirus 1 (HzCPLV1)
<i>Leocovirus</i>	<i>Leocovirus coleopteris</i>	Húběi rhabdo-like virus 3 (HbRLV3)
<i>Nematovirus</i>	<i>Nematovirus wuchangense</i>	Wúchāng romanomermis nematode virus 2 (WcRNV2)
<i>Phelinovirus</i>	<i>Phelinovirus aphidis</i>	hymenopteran arli-related virus OKIAV99 (HARV99)
<i>Rivapovirus</i>	<i>Rivapovirus aleyrodidae</i>	hemipteran arli-related virus OKIAV94 (HARV94)
<i>Sanstrivirus</i>	<i>Sanstrivirus gerridis</i>	Sānxiá water strider virus 4 (SxWSV4)
<i>Stylovirus</i>	<i>Stylovirus niederense</i>	strepsipteran arli-related virus OKIAV104 (SARV104)
<i>Supelovirus</i>	<i>Supelovirus thailandense</i>	blattodean arli-related virus OKIAV102 (BARV102)
<i>Synelinevirus</i>	<i>Synelinevirus bonnense</i>	hymenopteran arli-related virus OKIAV98 (HARV98)
	<i>Synelinevirus paranaense</i>	Linepithema humile rhabdo-like virus 1 (LhuRLV1)
<i>Usmuvirus</i>	<i>Usmuvirus newyorkense</i>	Amsterdam virus (AMSV)
<i>Xenophyavirus</i>	<i>Xenophyavirus mathesonense</i>	hemipteran arli-related virus OKIAV95 (HARV95)
Family Mymonaviridae [130]		
<i>Auricularimonavirus</i>	<i>Auricularimonavirus armillariae</i>	Armillaria mellea negative strand RNA virus 2 (AmNSRV2)
	<i>Auricularimonavirus auriculariae</i>	Auricularia heimuer negative-stranded RNA virus 1 (AhNRSV1)
	<i>Auricularimonavirus bondarzewiae</i>	Bondarzewia berkeleyi negative-strand RNA virus 1 (BbNSRV1)
<i>Botrytimonavirus</i>	<i>Botrytimonavirus alphabotrytidis</i>	Botrytis cinerea negative-stranded RNA virus 5 (BcNSRV5)
		Sclerotinia sclerotiorum negative-stranded RNA virus 10 (SsNSRV10)
	<i>Botrytimonavirus botrytidis</i>	Botrytis cinerea negative-stranded RNA virus 7 (BcNSRV7)
		Sclerotinia sclerotiorum negative-stranded RNA virus 11 (SsNSRV11)
	<i>Botrytimonavirus glycinis</i>	soybean leaf-associated negative-stranded RNA virus 3 (SLaNSRV3)
	<i>Botrytimonavirus sclerotinae</i>	Sclerotinia sclerotiorum negative-stranded RNA virus 2 (SsNSRV2)
		Sclerotinia sclerotiorum negative-stranded RNA virus 2A (SsNSRV2A)
		Sclerotinia sclerotiorum negative-stranded RNA virus 4 (SsNSRV4)
		Sclerotinia sclerotiorum negative-stranded RNA virus 4A (SsNSRV4A)
<i>Hubramonavirus</i>	<i>Hubramonavirus fusarii</i>	Fusarium oxysporum mymonavirus 1 (FoMyV1)
	<i>Hubramonavirus golovinomycesae</i>	Golovinomyces cichoracearum negative-stranded RNA virus (GcNSRV1)
	<i>Hubramonavirus hubeiense</i>	Húběi rhabdo-like virus 4 (HbRLV4)

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Table 4. Continued

Genus	Species*	Virus (abbreviation)†
<i>Lentimonavirus</i>	<i>Hubramonavirus terrae</i>	H2BulkLitter1223 virus (H2BLV)
	<i>Hubramonavirus vitis</i>	grapevine-associated mononega-like virus 3 (GaMLV3)
	<i>Lentimonavirus armillariae</i>	Armillaria mellea negative-stranded RNA virus 1 (AmNSRV1)
<i>Penicillimonavirus</i>	<i>Lentimonavirus lentinulae</i>	Lentinula edodes negative-stranded RNA virus 1 (LeNSRV1)
	<i>Penicillimonavirus alphaerysiphe</i>	Erysiphe necator-associated negative-stranded RNA virus 2 (EnaNSRV2)
	<i>Penicillimonavirus alphapenicillii</i>	Penicillium adametzoides negative-stranded RNA virus 1 (PaNSRV1)
	<i>Penicillimonavirus alphaplasmoparae</i>	Plasmopara viticola lesion-associated mononegaambi virus 1 (PvaMV1)
	<i>Penicillimonavirus betaerysiphe</i>	Erysiphe necator-associated negative-stranded RNA virus 5 (EnaNSRV5)
	<i>Penicillimonavirus betapenicillii</i>	Penicillium glabrum negative-stranded RNA virus 1 (PgRIV1)
	<i>Penicillimonavirus betaplasmoparae</i>	Plasmopara viticola lesion-associated mononegaambi virus 2 (PvaMV2)
		Plasmopara viticola lesion-associated mononegaambi virus 4 (PvaMV4)
	<i>Penicillimonavirus cercosporae</i>	Cercospora beticola negative-stranded virus 3 (CbNSV3)
	<i>Penicillimonavirus deltaplasmoparae</i>	Plasmopara viticola lesion-associated mononegaambi virus 5 (PvaMV5)
	<i>Penicillimonavirus epsilonplasmoparae</i>	Plasmopara viticola lesion-associated mononegaambi virus 6 (PvaMV6)
	<i>Penicillimonavirus etaplasmoparae</i>	Plasmopara viticola lesion-associated mononegaambi virus 9 (PvaMV9)
	<i>Penicillimonavirus gammaerysiphe</i>	Erysiphe necator-associated negative-stranded RNA virus 6 (EnaNSRV6)
	<i>Penicillimonavirus gammaplasmopara</i>	Plasmopara viticola lesion-associated mononegaambi virus 3 (PvaMV3)
	<i>Penicillimonavirus kilnbarnense</i>	Kiln Barn virus (KBV)
	<i>Penicillimonavirus magnaporthe</i>	Magnaporthe oryzae mononegaambi virus 1 (MoMV1)
	<i>Penicillimonavirus zetaplasmoparae</i>	Plasmopara viticola lesion-associated mononegaambi virus 7 (PvaMV7)
<i>Phyllomonavirus</i>	<i>Phyllomonavirus culicis</i>	XiangYun mono-chu-like virus 7 (XYmclV7)
	<i>Phyllomonavirus gysingense</i>	Gysinge virus (GYSV)
	<i>Phyllomonavirus phyllosphaerae</i>	soybean leaf-associated negative-stranded RNA virus 4 (SLaNSRV4)
<i>Plasmopamonavirus</i>	<i>Plasmopamonavirus alphetrichodermiae</i>	Trichoderma harzianum mononegavirus 1 (ThMV1)
	<i>Plasmopamonavirus betatrichodermiae</i>	Trichoderma harzianum mononegavirus 2 (ThMV2)
	<i>Plasmopamonavirus erysiphe</i>	Erysiphe necator-associated negative-stranded RNA virus 23 (EnaNSRV23)
	<i>Plasmopamonavirus plasmoparae</i>	Plasmopara viticola lesion-associated mononegaambi virus 8 (PvaMV8)
<i>Rhizomonavirus</i>	<i>Rhizomonavirus mali</i>	apple virus B (APVB)

Continued

Table 4. Continued

Genus	Species*	Virus (abbreviation)†
<i>Sclerotimonavirus</i>	<i>Sclerotimonavirus alphaalternariae</i>	Alternaria dianthicola negative-stranded RNA virus 1 (AdNSRV1)
	<i>Sclerotimonavirus alphabotrytidis</i>	Botrytis cinerea negative-stranded RNA virus 3 (BcNSRV3)
		Sclerotinia sclerotiorum negative-stranded RNA virus 9 (SsNSRV9)
	<i>Sclerotimonavirus alphaclarireediae</i>	Sclerotinia homoeocarpa TSA contig 1 (ShTSA1)
		Sclerotinia homoeocarpa TSA contig 2 (ShTSA2)
	<i>Sclerotimonavirus alphaplasmoparae</i>	Plasmopara viticola lesion-associated mymonavirus 1 (PvaMV1)
	<i>Sclerotimonavirus alphasiphicaphali</i>	Zhāngzhōu mymon tick virus 3 (ZzMtV3)
	<i>Sclerotimonavirus alternariae</i>	Alternaria tenuissima negative-stranded RNA virus 1 (AtNSRV1)
	<i>Sclerotimonavirus asiatusarii</i>	Fusarium asiaticum negative-stranded RNA virus 1 (FaNSRV1)
	<i>Sclerotimonavirus betaalternariae</i>	Alternaria tenuissima negative-stranded RNA virus 2 (AtNSRV2)
	<i>Sclerotimonavirus betabotrytidis</i>	Botrytis cinerea negative-stranded RNA virus 4 (BcNSRV4)
	<i>Sclerotimonavirus betaclarireediae</i>	Sclerotinia homoeocarpa TSA contig 3 (ShTSA3)
	<i>Sclerotimonavirus betaplasmoparae</i>	Plasmopara viticola lesion-associated mononega virus 2 (PvaMV2)
	<i>Sclerotimonavirus betasiphicaphali</i>	Sānyà mymon tick virus 1 (SyMtV1)
	<i>Sclerotimonavirus botrytidis</i>	Botrytis cinerea mymonavirus 1 (BcMyV1)
		Sclerotinia sclerotiorum negative-stranded RNA virus 7 (SsNSRV7)
	<i>Sclerotimonavirus ceratocystis</i>	Sclerotimonavirus cacaofunestae (SVC)
	<i>Sclerotimonavirus cryphonectriae</i>	Cryphonectria parasitica sclerotimonavirus 1 (CpSV1)
	<i>Sclerotimonavirus fusarii</i>	Fusarium graminearum negative-stranded RNA virus 1 (FgNSRV1)
		soybean leaf-associated negative-stranded RNA virus 1 (SLaNSRV1)
	<i>Sclerotimonavirus illinoisense</i>	soybean leaf-associated negative-stranded RNA virus 2 (SLaNSRV2)
	<i>Sclerotimonavirus penicillii</i>	Penicillium cairnsense negative-stranded RNA virus 1 (PcNSRV1)
	<i>Sclerotimonavirus proliferusarii</i>	Fusarium proliferatum mymonavirus 1 (FpMV1)
	<i>Sclerotimonavirus sclerotinae</i>	Sclerotinia sclerotiorum negative-stranded RNA virus 1 (SsNSRV1)
		Sclerotinia sclerotiorum negative-stranded RNA virus 1A (SsNSRV1A)
		Sclerotinia sclerotiorum negative-stranded RNA virus 3 (SsNSRV3)
		Sclerotinia sclerotiorum negative-stranded RNA virus 3A (SsNSRV3A)
	<i>Sclerotimonavirus terrae</i>	H4BulkLitter234 virus (H4BLV)

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Table 4. Continued

Genus	Species*	Virus (abbreviation)†
	<i>Sclerotimonavirus trichodermæ</i>	Trichoderma harzianum negative-stranded virus 2 (ThNV2)
	<i>Sclerotimonavirus xinjiangense</i>	Xinjiang mymona-like virus 2 (XjMLV2)
	<i>Sclerotimonavirus yunnanense</i>	Yúnnán mymona-like virus 1 (YnMLV1)
	Family Nyamiviridae [131]	
<i>Berhavirus</i>	<i>Berhavirus alphagirardiae</i>	girado virus 1 (GiV1)
	<i>Berhavirus beihaiense</i>	Běihǎi rhabdo-like virus 4 (BhRLV4)
	<i>Berhavirus betagirardiae</i>	girado virus 2 (GiV2)
	<i>Berhavirus gammagirardiae</i>	girado virus 3 (GiV3)
	<i>Berhavirus macrostomi</i>	macroli virus (MacrV)
	<i>Berhavirus radialis</i>	Běihǎi rhabdo-like virus 5 (BhRLV5)
	<i>Berhavirus sipunculi</i>	Běihǎi rhabdo-like virus 3 (BhRLV3)
<i>Crustavirus</i>	<i>Crustavirus beihaiense</i>	Běihǎi rhabdo-like virus 6 (BhRLV6)
	<i>Crustavirus wenlingense</i>	Wēnlíng crustacean virus 12 (WICV12)
	<i>Crustavirus wenzhouense</i>	Wēnzhōu crab virus 1 (WzCV1)
<i>Formivirus</i>	<i>Formivirus angliæ</i>	Formica fusca virus 1 (FfusV1)
	<i>Formivirus chalybii</i>	hymenopteran orino-related virus OKIAV87 (HORV87)
	<i>Formivirus finnoniæ</i>	Formica exsecta virus 4 (FeV4)
	<i>Formivirus gorytis</i>	hymenopteran orino-related virus OKIAV85 (HORV85)
	<i>Formivirus ixodis</i>	Ixodes ricinus orinovirus-like virus 1 (IROV1)
	<i>Formivirus pollinis</i>	Xiāngshān nyami-like virus (XnyV)
	<i>Formivirus solenopsi</i>	Solenopsis invicta virus 15 (SoINV15)
<i>Nyavirus</i>	<i>Nyavirus argatis</i>	Sekira virus (SEKRV)
	<i>Nyavirus gerbillisci</i>	Toure virus (TOUV)
	<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>Orinovirus</i>	<i>Orinovirus pasiphilæ</i>	Orinoco virus (ONCV)
	<i>Orinovirus sanyæ</i>	Sānyà nyamivirus 1 (SaNyV1)
<i>Socyvirus</i>	<i>Socyvirus heteroderae</i>	soybean cyst nematode virus 1 (SbCNV1)
<i>Tapwovirus</i>	<i>Tapwovirus cesti</i>	Wēnzhōu tapeworm virus 1 (WzTWV1)
	<i>Tapwovirus taeniae</i>	taeniapi virus (TNPV)
	Family Paramyxoviridae [132]	
	Subfamily Avulavirinae	
<i>Metaavulavirus</i>	<i>Metaavulavirus bangorense</i>	avian paramyxovirus 26 (APMV26)
	<i>Metaavulavirus calidris</i>	avian paramyxovirus 24 (APMV24)

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Table 4. Continued

Genus	Species*	Virus (abbreviation)†
<i>Orthoavulavirus</i>	<i>Metaavulavirus delawarensis</i>	avian paramyxovirus 8 (APMV8)
	<i>Metaavulavirus falklandense</i>	avian paramyxovirus 10 (APMV10)
	<i>Metaavulavirus galliense</i>	avian paramyxovirus 11 (APMV11)
	<i>Metaavulavirus hongkongense</i>	avian paramyxovirus 6 (APMV6)
	<i>Metaavulavirus japanense</i>	avian paramyxovirus 14 (APMV14)
	<i>Metaavulavirus kazakhstanense</i>	avian paramyxovirus 20 (APMV20)
	<i>Metaavulavirus kunitachiense</i>	avian paramyxovirus 5 (APMV5)
	<i>Metaavulavirus peixense</i>	avian paramyxovirus 15 (APMV15)
	<i>Metaavulavirus procarduelis</i>	avian paramyxovirus 27 (APMV27)
	<i>Metaavulavirus taiwanense</i>	avian paramyxovirus 22 (APMV22)
	<i>Metaavulavirus tennesse</i>	avian paramyxovirus 7 (APMV7)
	<i>Metaavulavirus yucaipaense</i>	avian paramyxovirus 2 (APMV2)
	<i>Orthoavulavirus arenariae</i>	avian paramyxovirus 23 (APMV23)
	<i>Orthoavulavirus borisense</i>	Antarctic penguin virus A (APVA)
	<i>Orthoavulavirus italiense</i>	avian paramyxovirus 12 (APMV12)
	<i>Orthoavulavirus japanense</i>	avian paramyxovirus 13 (APMV13)
	<i>Orthoavulavirus javaense</i>	avian paramyxovirus 1 (APMV1)‡
	<i>Orthoavulavirus kopaiticense</i>	Antarctic penguin virus B (APVB)
	<i>Orthoavulavirus koreaense</i>	avian paramyxovirus 21 (APMV21)
	<i>Orthoavulavirus newyorkense</i>	avian paramyxovirus 9 (APMV9)
	<i>Orthoavulavirus oneillense</i>	Antarctic penguin virus C (APVC)
<i>Paraavulavirus</i>	<i>Orthoavulavirus taiwanense</i>	avian paramyxovirus 25 (APMV25)
	<i>Orthoavulavirus upoense</i>	avian paramyxovirus 16 (APMV16)
	<i>Paraavulavirus hongkongense</i>	avian paramyxovirus 4 (APMV4)
<i>Paraavulavirus</i>	<i>Paraavulavirus neophemae</i>	avian paramyxovirus 28 (APMV28)
	<i>Paraavulavirus wisconsinense</i>	avian paramyxovirus 3 (APMV3)
Subfamily Feraresvirinae		
<i>Aquaparamyxovirus</i>	<i>Aquaparamyxovirus oregonense</i>	Pacific salmon paramyxovirus (PSPV)
	<i>Aquaparamyxovirus salmonis</i>	Atlantic salmon paramyxovirus (AsaPV)
<i>Ferlavirus</i>	<i>Ferlavirus reptilis</i>	fer-de-lance virus (FDLV)
<i>Respirovirus</i>	<i>Respirovirus bovis</i>	bovine parainfluenza virus 3 (BPIV3)
	<i>Respirovirus caprae</i>	caprine parainfluenza virus 3 (CPIV3)
	<i>Respirovirus henanense</i>	porcine parainfluenza virus 2 (PPIV2)
	<i>Respirovirus laryngotracheitidis</i>	human parainfluenza virus 1 (HPIV1)
	<i>Respirovirus muris</i>	Sendai virus (SeV)
	<i>Respirovirus pneumoniae</i>	human parainfluenza virus 3 (HPIV3)
	<i>Respirovirus ratufoe</i>	giant squirrel virus (GSqV)

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Table 4. Continued

Genus	Species*	Virus (abbreviation)†
	<i>Respirovirus rupicaprae</i>	chamois respirovirus (ChRPV)
	<i>Respirovirus suis</i>	porcine parainfluenza virus 1 (PPIV1)
	Subfamily Glossavirinae	
<i>Cynoglossusvirus</i>	<i>Cynoglossusvirus cynoglossi</i>	Wēnlíng tonguesole paramyxovirus (WTSPV)
	Subfamily Ichthysvirinae	
<i>Hoplichthysvirus</i>	<i>Hoplichthysvirus hoplichthysis</i>	Wēnlíng hoplichthys paramyxovirus (WHPV)
	Subfamily Kamposvirinae	
<i>Hippocavirus</i>	<i>Hippocavirus hippocampi</i>	Hippocampus erectus paramyxovirus 1 (HePmV1)
	Subfamily Metaparamyxovirinae	
<i>Synodonvirus</i>	<i>Synodonvirus synodi</i>	Wēnlíng triplecross lizardfish paramyxovirus (WTLPV)
	Subfamily Orthoparamyxovirinae	
<i>Bovnavirus</i>	<i>Bovnavirus bovis</i>	Bulang virus (BulV)
<i>Henipavirus</i>	<i>Henipavirus angavokelyense</i>	Angavokely virus (AngV)
	<i>Henipavirus cedarensis</i>	Cedar virus (CedV)
	<i>Henipavirus ghanaense</i>	Okum tree virus (OTrV)
	<i>Henipavirus hendraense</i>	Hendra virus (HeV)
	<i>Henipavirus nipahense</i>	Nipah virus (NiV)
<i>Jeilongvirus</i>	<i>Jeilongvirus apodemi</i>	rodent paramyxovirus (RoPV)
	<i>Jeilongvirus beilongi</i>	Beilong virus (BeiV)
	<i>Jeilongvirus chaetodipodis</i>	chaeba virus (ChaBV)
	<i>Jeilongvirus eotheromys</i>	Wǔfēng Eotheromys melanogaster jeilongvirus 1 (WfEmJV1)
	<i>Jeilongvirus gueckedouense</i>	memana virus (MemaV)
	<i>Jeilongvirus lishuiense</i>	Lóngquán Niviventer fulvescens jeilongvirus 2 (LqNfJV2)
	<i>Jeilongvirus longquanense</i>	Lóngquán Niviventer fulvescens jeilongvirus 1 (LqNfJV1)
	<i>Jeilongvirus lophuromys</i>	Mount Mabú Lophuromys virus 1 (MMLV1)
	<i>Jeilongvirus mabuense</i>	Mount Mabú Lophuromys virus 2 (MMLV2)
	<i>Jeilongvirus mastomys</i>	ninomys virus (NinYsV)
	<i>Jeilongvirus meliandouense</i>	Méliandou lophuromys virus (MeLoV)
	<i>Jeilongvirus merionis</i>	gerbil paramyxovirus (GePV)
	<i>Jeilongvirus microti</i>	Ninove microtus virus (NiMiV)
	<i>Jeilongvirus myodesis</i>	Pohorje Myodes paramyxovirus 1 (PMPV1)
	<i>Jeilongvirus neotomae</i>	neotal virus (NeTV)
	<i>Jeilongvirus ninovense</i>	ninapo virus (NinaV)
	<i>Jeilongvirus niviventr</i>	Lóngquán Niviventer niviventer jeilongvirus 1 (LqNnJV1)
	<i>Jeilongvirus nzerekorensis</i>	Méliandou mastomys virus (MeMV)
	<i>Jeilongvirus ochotona</i>	Ochotona cansus jeilongvirus (OcJV)
	<i>Jeilongvirus oujiangense</i>	Wēnzhōu Rattus norvegicus jeilongvirus 1 (WzRnJV1)

Continued

Table 4. Continued

Genus	Species*	Virus (abbreviation)†
	<i>Jeilongvirus pajuense</i>	Paju Apodemus paramyxovirus 1 (PAPV1)
	<i>Jeilongvirus praomysis</i>	Méliandou praomys virus (MePV)
	<i>Jeilongvirus queenslandense</i>	J virus (JV)
	<i>Jeilongvirus ratti</i>	Wēnzhōu Rattus losea jeilongvirus 2 (WzRIJV2)
	<i>Jeilongvirus rungweense</i>	ruloma virus (RulV)
	<i>Jeilongvirus sichuanense</i>	Eothenomys eva jeilongvirus (EeJV)
	<i>Jeilongvirus taichungense</i>	Wūfēng Rattus nitidus jeilongvirus 1 (WfRnJV1)
	<i>Jeilongvirus tailamense</i>	Tailam virus (TaiV)
	<i>Jeilongvirus typhlomysis</i>	Wūfēng Typhlomys cinereus jeilongvirus 1 (WfTcJV1)
	<i>Jeilongvirus winnikense</i>	denotus virus (DenoV)
	<i>Jeilongvirus wufengense</i>	Wūfēng Apodemus chevrieri jeilongvirus 1 (WfAcJV1)
	<i>Jeilongvirus yeoncheonense</i>	Paju Apodemus paramyxovirus 2 (PAPV2)
<i>Morbillivirus</i>	<i>Morbillivirus canis</i>	canine distemper virus (CDV)
	<i>Morbillivirus caprinae</i>	peste-des-petits-ruminants virus (PPRV)
	<i>Morbillivirus ceti</i>	cetacean morbillivirus (CeMV)
	<i>Morbillivirus felis</i>	feline morbillivirus (FeMV)
	<i>Morbillivirus hominis</i>	measles virus (MeV)
	<i>Morbillivirus myotis</i>	Myotis bat morbillivirus (MBaMV)
	<i>Morbillivirus pecoris</i>	rinderpest virus (RPV)
	<i>Morbillivirus phocae</i>	phocine distemper virus (PDV)
	<i>Morbillivirus phyllostomi</i>	Phyllostomus bat morbillivirus (PBaMV)
	<i>Morbillivirus suis</i>	porcine morbillivirus (PMOV)
<i>Narmovirus</i>	<i>Narmovirus meliandouense</i>	meleucus virus (meleV)
	<i>Narmovirus microti</i>	denalis virus (DenaV)
	<i>Narmovirus mossmanense</i>	Mossman virus (MossV)
	<i>Narmovirus myodesis</i>	bank vole virus 1 (BaV1)
	<i>Narmovirus narivaense</i>	Nariva virus (NarV)
	<i>Narmovirus ninovense</i>	denestis virus (DeneV)
<i>Parahenipavirus</i>	<i>Parahenipavirus chodsigoeae</i>	Wūfēng Chodsigoe smithii henipavirus 1 (WfCsHV1)
	<i>Parahenipavirus crocidurae</i>	Wūfēng Crocidura attenuata henipavirus 1 (WfCaHV1)
	<i>Parahenipavirus daeryongense</i>	Daeryong virus (DARV)
	<i>Parahenipavirus gamakense</i>	Gamak virus (GAKV)
	<i>Parahenipavirus jingmenense</i>	Jīngmén Crocidura shantungensis henipavirus 1 (JmCsHV1)
	<i>Parahenipavirus langyaense</i>	Lángyá virus (LayV)
	<i>Parahenipavirus meliandouense</i>	melian virus (MeliV)
	<i>Parahenipavirus mojiangense</i>	Mòjiāng virus (MojV)
	<i>Parahenipavirus soricis</i>	ninorex virus (NinExV)

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Table 4. Continued

Genus	Species*	Virus (abbreviation)†
<i>Parajelovirus</i>	<i>Parahenipavirus wenzhouense</i>	Wēnzhōu Apodemus agrarius henipavirus 1 (WzAaHV1)
	<i>Parahenipavirus winnikense</i>	denwin virus (DewV)
	<i>Parajelovirus brazilense</i>	Diaemus bat paramyxovirus 1 (DBPV1)
	<i>Parajelovirus carolliae</i>	Carollia bat paramyxovirus (CBPV)
	<i>Parajelovirus comorosense</i>	bat paramyxovirus 16797 (BatPV1)
	<i>Parajelovirus desmodi</i>	Boe virus (BOEV)
	<i>Parajelovirus diaemi</i>	Diaemus bat paramyxovirus 2 (DBPV2)
	<i>Parajelovirus erinacei</i>	belerina virus (BeV)
	<i>Parajelovirus hainanense</i>	Hipposideros armiger paramyxovirus (HaParaV)
	<i>Parajelovirus hipposideri</i>	Hipposideros bat paramyxovirus (HBPV)
	<i>Parajelovirus hubeiense</i>	Jīngmén <i>Miniopterus schreibersii</i> paramyxovirus 1 (JmMsPV1)
	<i>Parajelovirus jingmenense</i>	Jīngmén <i>Myotis davidii</i> paramyxovirus 1 (JmMdPV1)
	<i>Parajelovirus madagascarensis</i>	bat paramyxovirus 17770 (BatPV2)
	<i>Parajelovirus miniopteri</i>	Shaan virus (ShaV)
	<i>Parajelovirus myotis</i>	Wūfēng <i>Myotis altarium</i> paramyxovirus 1 (WfMaPV1)
	<i>Parajelovirus pipistrelli</i>	piparella virus (PipaV)
	<i>Parajelovirus plecoti</i>	plecomyo virus (PlecoV)
	<i>Parajelovirus rhinolophi</i>	Wūfēng <i>Rhinolophus pearsonii</i> paramyxovirus 1 (WfRpPV1)
	<i>Parajelovirus wenzhouense</i>	Wēnzhōu <i>Myotis davidii</i> paramyxovirus 1 (WzMdPV1)
	<i>Parajelovirus zhejiangense</i>	Wēnzhōu <i>Myotis laniger</i> paramyxovirus 2 (WzMlPV2)
<i>Paramorbillivirus</i>	<i>Paramorbillivirus berylmysis</i>	Lóngquán <i>Berylmys bowersi</i> morbillivirus 1 (LqBbMV1)
	<i>Paramorbillivirus gierlense</i>	Gierle apodemus virus (GapV)
	<i>Paramorbillivirus niviventris</i>	Wūfēng <i>Niviventer fulvescens</i> morbillivirus 1 (WfNfMV1)
	<i>Paramorbillivirus pueyrredonense</i>	Ratón oliváceo morbillivirus (RoMV)
<i>Salemvirus</i>	<i>Salemvirus salemense</i>	Salem virus (SalV)
<i>Tupaivirus</i>	<i>Tupaivirus tupaiae</i>	Tupaia paramyxovirus (TupV)
Subfamily Rubulavirinae		
<i>Orthorubulavirus</i>	<i>Orthorubulavirus hominis</i>	human parainfluenza virus 4 a (HPIV4a)
		human parainfluenza virus 4b (HPIV4b)
	<i>Orthorubulavirus laryngotracheitidis</i>	human parainfluenza virus 2 (HPIV2)
	<i>Orthorubulavirus mammalis</i>	parainfluenza virus 5 (PIV5)
	<i>Orthorubulavirus mapueraense</i>	Mapuera virus (MapV)
	<i>Orthorubulavirus parotitidis</i>	mumps virus (MuV)
	<i>Orthorubulavirus rhinolophi</i>	Wūfēng <i>Rhinolophus sinicus</i> rubulavirus 1 (WfRsRV1)
	<i>Orthorubulavirus simiae</i>	simian virus 41 (SV41)
<i>Pararubulavirus</i>	<i>Orthorubulavirus suis</i>	La Piedad Michoacán Mexico virus (LPMV)
	<i>Pararubulavirus accraense</i>	Achimota virus 2 (AchPV2)

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Table 4. Continued

Genus	Species*	Virus (abbreviation)†
	<i>Pararubulavirus achimotaense</i>	Achimota virus 1 (AchPV1)
	<i>Pararubulavirus cantonense</i>	Tuhoko virus 2 (ThkPV2)
	<i>Pararubulavirus eidoli</i>	Achimota pararubulavirus 3 (AchPV3)
	<i>Pararubulavirus guangdongense</i>	Tuhoko virus 1 (ThkPV1)
	<i>Pararubulavirus herveyense</i>	Hervey virus (HerV)
	<i>Pararubulavirus hongkongi</i>	Tuhoko virus 3 (ThkPV3)
	<i>Pararubulavirus menangleense</i>	Menangle virus (MenPV)
	<i>Pararubulavirus sosugaense</i>	Sosuga virus (SOSV)
	<i>Pararubulavirus teviotense</i>	Teviot virus (TevPV)
	<i>Pararubulavirus tiomanense</i>	Tioman virus (TioPV)
	Subfamily Skoliovirinae	
<i>Scoliodonvirus</i>	<i>Scoliodonvirus scoliodontis</i>	Wēnzhōu pacific spadenose shark paramyxovirus (WPSSPV)
	Family Pneumoviridae	
<i>Metapneumovirus</i>	<i>Metapneumovirus avis</i>	avian metapneumovirus (AMPV)
	<i>Metapneumovirus hominis</i>	human metapneumovirus (HMPV)
<i>Orthopneumovirus</i>	<i>Orthopneumovirus bovis</i>	bovine respiratory syncytial virus (BRSV)
	<i>Orthopneumovirus hominis</i>	human respiratory syncytial virus (HRSV)
	<i>Orthopneumovirus muris</i>	murine pneumonia virus (MPV)
	Family Rhabdoviridae [133]	
	Subfamily Alpharhabdovirinae	
<i>Almendravirus</i>	<i>Almendravirus almendras</i>	Puerto Almendras virus (PTAMV)
	<i>Almendravirus arboretum</i>	Arboretum virus (ABTV)
	<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>Almendravirus shanxi</i>	Shanxi arboretum virus (SxABTV)
	<i>Almendravirus xiangshan</i>	Xiangshan rhabdo-like virus 1 (XsRLV1)
<i>Alphanemrhavirus</i>	<i>Alphanemrhavirus bangkok</i>	Rattus tanezumi rhabdovirus 1 (RtaRV1)
	<i>Alphanemrhavirus sodak</i>	Sodak rhabdovirus 1 (SDRV1)
	<i>Alphanemrhavirus xingshan</i>	Xingshan nematode virus 4 (XsNV4)
	<i>Alphanemrhavirus xinzhou</i>	Xinzhou nematode virus 4 (XzNV4)
<i>Alphapaprhavirus</i>	<i>Alphapaprhavirus hubei</i>	Hubei lepidoptera virus 2 (HbLV2)
	<i>Alphapaprhavirus pararge</i>	Pararge aegeria rhabdovirus (PaeRV)
<i>Alpharicinrhavirus</i>	<i>Alpharicinrhavirus bancrofti</i>	Haemaphysalis bancrofti rhabdovirus (HbanRV)
	<i>Alpharicinrhavirus blanchseco</i>	Blanchseco virus (BCOV)
	<i>Alpharicinrhavirus bole</i>	Bole tick virus 2 (BlTV2)

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Table 4. Continued

Genus	Species*	Virus (abbreviation)†
	<i>Alpharicinrhavirus huanggang</i>	Huanggang rhabd tick virus 1 (HgRTV1)
	<i>Alpharicinrhavirus huangpi</i>	Huangpi tick virus 3 (HpTV3)
	<i>Alpharicinrhavirus hubei</i>	Hubei tick rhabdovirus 1 (HbTRV1)
	<i>Alpharicinrhavirus jilin</i>	Yanbian rhabd tick virus 1 (YbRTV1)
	<i>Alpharicinrhavirus nanning</i>	Nanning rhabd tick virus 1 (NnRTV1)
	<i>Alpharicinrhavirus ningxia</i>	Guyuan rhabd tick virus 1 (GyRTV1)
	<i>Alpharicinrhavirus qinghai</i>	Yushu rhabd tick virus 2 (YsRTV2)
	<i>Alpharicinrhavirus reticulatus</i>	Dermacentor reticulatus rhabdovirus 1 (DretRV1)
	<i>Alpharicinrhavirus skanevik</i>	Norway mononegavirus 1 (NWMV1)
	<i>Alpharicinrhavirus tahe</i>	Tahe rhabdovirus 1 (ThRV1)
	<i>Alpharicinrhavirus taishun</i>	Taishun tick virus (TsTV)
	<i>Alpharicinrhavirus wuhan</i>	Wuhan tick virus 1 (WhTV1)
	<i>Alpharicinrhavirus zhangjiakou</i>	Zhangjiakou rhabd tick virus 1 (ZjRTV1)
<i>Amplivivirus</i>	<i>Amplivivirus cinereus</i>	frog lyssa-like virus 1 (FLLV1)
	<i>Amplivivirus pugnax</i>	Boana pugnax lyssa-like virus 1 (BpugLLV1)
<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 (LsalRV127)
	<i>Caligrhavirus salmonlouse</i>	Lepeophtheirus salmonis rhabdovirus 9 (LsalRV9)
<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>	Iri 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 guangdong</i>	porcine ephemerovirus 2 (PoEV2)
	<i>Ephemerovirus hayes</i>	Hayes Yard virus (HYV)
	<i>Ephemerovirus henan</i>	porcine ephemerovirus 1 (PoEV1)

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Table 4. Continued

Genus	Species*	Virus (abbreviation)†
<i>Hapavirus</i>	<i>Ephemerovirus huanggang</i>	Huanggang rhabd tick virus 2 (HgRTV2)
	<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 bangoran</i>	Bangoran virus (BGNV)
	<i>Hapavirus flanders</i>	Flanders virus (FLAV)
	<i>Hapavirus graylodge</i>	Grey 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)
	<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>Ledantivirus</i>	<i>Ledantivirus barur</i>	Barur virus (BARV)
	<i>Ledantivirus bughendera</i>	Bughendera virus (BUGV)
	<i>Ledantivirus elgon</i>	Mount Elgon bat virus (MEBV)
	<i>Ledantivirus fikirini</i>	Fikirini virus (FKRV)
	<i>Ledantivirus fukuoka</i>	Fukuoka virus (FUKV)
	<i>Ledantivirus kanyawara</i>	Kanyawara virus (KYAV)
	<i>Ledantivirus kern</i>	Kern Canyon virus (KCV)
	<i>Ledantivirus keuraliba</i>	Keuraliba virus (KEUV)
	<i>Ledantivirus kolente</i>	Kolente virus (KOLEV)
	<i>Ledantivirus kumasi</i>	Kumasi rhabdovirus (KRV)

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Table 4. Continued

Genus	Species*	Virus (abbreviation)†
	<i>Ledantevirus ledantec</i>	Le Dantec virus (LDV)
	<i>Ledantevirus longquan</i>	Longquan Niviventer coninga ledantevirus 1 (LNcoLV1)
	<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 tongren</i>	Tongren rhabd tick virus 2 (TrRTV2)
	<i>Ledantevirus vaprio</i>	Vaprio virus (VAPV)
	<i>Ledantevirus wenzhou</i>	Wenzhou Rhinolophus pusillus ledantevirus 1 (WRpuLV1)
	<i>Ledantevirus wuhan</i>	Wuhan louse fly virus 5 (WLFV5)
	<i>Ledantevirus yongjia</i>	Yongjia tick virus 2 (YTV2)
<i>Lostrhavirus</i>	<i>Lostrhavirus alxa</i>	Alxa tick rhabdovirus (ATRV)
	<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 (EBLV1)
	<i>Lyssavirus helsinki</i>	European bat lyssavirus 2 (EBLV2)
	<i>Lyssavirus ikoma</i>	Ikoma lyssavirus (IKOV)
	<i>Lyssavirus irkut</i>	Irkut virus (IRKV)
	<i>Lyssavirus khujand</i>	Khujand virus (KHUV)
	<i>Lyssavirus kotalahti</i>	Kotalahti bat lyssavirus (KBLV)
	<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 formosus</i>	Formosus virus (FORMV)
	<i>Merhavirus hattula</i>	Hattula rhabdovirus (HTTRV)
	<i>Merhavirus inari</i>	Inari rhabdovirus (INARV)
	<i>Merhavirus merida</i>	Merida virus (MERDV)
	<i>Merhavirus tritaeniorhynchus</i>	Culex tritaeniorhynchus rhabdovirus (CTRV)

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Table 4. Continued

Genus	Species*	Virus (abbreviation)†
<i>Mousrhavirus</i>	<i>Mousrhavirus moussa</i>	Moussa virus (MOUV)
<i>Ohlsrhavirus</i>	<i>Ohlsrhavirus adumi</i>	Adumi virus (ADUMV)
	<i>Ohlsrhavirus angeles</i>	Culex rhabdo-like virus Los Angeles (CRLVLA)
	<i>Ohlsrhavirus culex</i>	Culex rhabdo-like virus (CRLV)
	<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 (TCHV1)
<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>Replylivirus</i>	<i>Replylivirus allogus</i>	anole lyssa-like virus 1 (ALLV1)
<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>	Scopthalmus 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 (WhFV2)
	<i>Sigmavirus hippoboscoid</i>	Wuhan louse fly virus 9 (WhLFV9)
	<i>Sigmavirus hubei</i>	Hubei diptera virus 9 (HbDV9)
	<i>Sigmavirus immigrans</i>	Drosophila immigrans sigmavirus (DimmSV)
	<i>Sigmavirus jopcygri</i>	Jopcygri virus 1 (JPCGV1)
	<i>Sigmavirus lousefly</i>	Wuhan louse fly virus 10 (WhLFV10)
	<i>Sigmavirus melanogaster</i>	Drosophila melanogaster sigmavirus (DmelSV)
	<i>Sigmavirus muscina</i>	Muscina stabulans sigmavirus (MstaSV)
	<i>Sigmavirus myga</i>	Hubei diptera virus 10 (HbDV10)
	<i>Sigmavirus obscura</i>	Drosophila obscura sigmavirus (DobsSV)
	<i>Sigmavirus shayang</i>	Shayang fly virus 2 (SyFV2)
	<i>Sigmavirus sichuan</i>	Apis rhabdovirus 3 (AprV3)

Continued

Table 4. Continued

Genus	Species*	Virus (abbreviation)†
<i>Siniperhavirus</i>	<i>Sigmavirus sturtevantii</i>	Drosophila sturtevantii sigmavirus (DstuSV)
	<i>Sigmavirus tristis</i>	Drosophila tristis sigmavirus (DtriSV)
	<i>Sigmavirus tryoni</i>	Bactrocera tryoni rhabdovirus 1 (BtryRV1)
	<i>Sigmavirus tuva</i>	Aksy-Durug Melophagus sigmavirus (ADMSV)
	<i>Sigmavirus wuhan</i>	Wuhan house fly virus 1 (WhHFV1)
	<i>Sigmavirus ying</i>	Hubei dimarhabdovirus 1 (HbDRV1)
	<i>Sigmavirus yushu</i>	Yushu rhabdovirus (YsRV)
<i>Siniperhavirus</i>	<i>Siniperhavirus chuatsi</i>	Chinese rice-field eel rhabdovirus (CrERV)
		hybrid snakehead rhabdovirus (HSHRV)
		Micropterus salmoides rhabdovirus (MSRV)
		Siniperca chuatsi rhabdovirus (SCRV)
<i>Sprivivirus</i>	<i>Siniperhavirus zoarces</i>	eelpout rhabdovirus (EPRV)
	<i>Sprivivirus cyprinus</i>	spring viremia of carp virus (SVCV)
	<i>Sprivivirus esox</i>	grass carp rhabdovirus (GrCRV)
		pike fry rhabdovirus (PFRV)
<i>Sripuvirus</i>		tench rhabdovirus (TenRV)
	<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)
	<i>Sripuvirus niakha</i>	Niakha virus (NIAV)
<i>Sunrhavirus</i>	<i>Sripuvirus sripur</i>	Sripur virus (SRIV)
	<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 (SJAV)

Continued

Table 4. Continued

Genus	Species*	Virus (abbreviation)†
<i>Thriprhavirus</i>	<i>Sunrhavirus sunguru</i>	Sunguru virus (SUNV)
	<i>Sunrhavirus walkabout</i>	Walkabout Creek virus (WACV)
	<i>Thriprhavirus intonsa</i>	Hangzhou Frankliniella intonsa rhabdovirus 1 (HFinRV1)
	<i>Thriprhavirus tabaci</i>	Thrips tabaci-associated dimarhabdovirus 1 (TtaDRV1)
<i>Tibrovirus</i>	<i>Tibrovirus alphaekpoma</i>	Ekpoma virus 1 (EKV1)
	<i>Tibrovirus beatrice</i>	Beatrice Hill virus (BHV)
	<i>Tibrovirus betaekpoma</i>	Ekpoma virus 2 (EKV2)
	<i>Tibrovirus coastal</i>	Coastal Plains virus (CPV)
	<i>Tibrovirus congo</i>	Bas-Congo virus (BASV)
	<i>Tibrovirus mundri</i>	Mundri virus (MUNV)
	<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 incomtus</i>	tupavirus SB8301 (TUPVSB)
	<i>Tupavirus klamath</i>	Klamath virus (KLAV)
	<i>Tupavirus laniger</i>	Wenzhou Myotis laniger tupavirus 1 (WMLaTV1)
	<i>Tupavirus pearsonii</i>	Wufeng Rhinolophus pearsonii tupavirus 1 (WRpeTV1)
	<i>Tupavirus stheno</i>	bat tupavirus BS1 (BtTVBS1)
	<i>Tupavirus stoliczkanus</i>	bat tupavirus BS2 (BtTVBS2)
	<i>Tupavirus tupaia</i>	tupaia rhabdovirus (TUPV)
<i>Uniorhavirus</i>	<i>Uniorhavirus killamcar</i>	killamcar virus 1 (KILLV1)
<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 mejal</i>	Mejal virus (MEJV)
	<i>Vesiculovirus morreton</i>	Morreton virus (MORV)
	<i>Vesiculovirus newjersey</i>	vesicular stomatitis New Jersey virus (VSNJV)

Continued

Table 4. Continued

Genus	Species*	Virus (abbreviation)†
	<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 wufeng</i>	Wufeng Myotis altarium vesiculovirus 1 (WMaLVV1)
	<i>Vesiculovirus yinshui</i>	Yinshui bat virus (YSBV)
<i>Zarhavirus</i>	<i>Zarhavirus zahedan</i>	Zahedan rhabdovirus (ZARV)
Subfamily Betarhabdovirinae		
<i>Alphagymnorhavirus</i>	<i>Alphagymnorhavirus abietis</i>	Abies virus 1 (AbiV1)
	<i>Alphagymnorhavirus amentotaxi</i>	Amentotaxus virus 1 (AmeV1)
	<i>Alphagymnorhavirus cupressi</i>	Cupressus virus 1 (CupV1)
	<i>Alphagymnorhavirus piceae</i>	Picea virus 1 (PicV1)
	<i>Alphagymnorhavirus pinibanksiae</i>	Pinus banksiana virus 1 (PiBanV1)
	<i>Alphagymnorhavirus piniflexilis</i>	Pinus flexilis virus 1 (PiFleV1)
	<i>Alphagymnorhavirus piniyunannensis</i>	Pinis yunnanensis virus 1 (PiYunV1)
	<i>Alphagymnorhavirus sciadopitysis</i>	Sciadopitys virus 1 (SciV1)
<i>Alphanucleorhabdovirus</i>	<i>Alphanucleorhabdovirus taxi</i>	Taxus virus 1 (TaxV1)
	<i>Alphanucleorhabdovirus agavis</i>	Agave tequilana virus 1 (ATV1)
	<i>Alphanucleorhabdovirus artemisiae</i>	Artemisia capillaris nucleorhabdovirus 1 (ArtCaNV1)
	<i>Alphanucleorhabdovirus colocasiae</i>	taro vein chlorosis virus (TaVCCV)
	<i>Alphanucleorhabdovirus constrictae</i>	constricta yellow dwarf virus (CYDV)
	<i>Alphanucleorhabdovirus joa</i>	joa yellow blotch-associated virus (JYBaV)
	<i>Alphanucleorhabdovirus lycopersici</i>	tomato alphanucleorhabdovirus 1 (TARV1)
	<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 xinjianensis</i>	Xinjiang alphanucleorhabdovirus (XARV)
	<i>Alphanucleorhabdovirus zeairanense</i>	maize Iranian mosaic virus (MIMV)
<i>Betagymnorhavirus</i>	<i>Betagymnorhavirus torreyae</i>	Torrey virus 1 (TorV1)
<i>Betanucleorhabdovirus</i>	<i>Betanucleorhabdovirus alphalycopersici</i>	tomato betanucleorhabdovirus 1 (TBRV1)

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Table 4. Continued

Genus	Species*	Virus (abbreviation)†
<i>Cytorhabdovirus</i>	<i>Betanucleorhabdovirus asclepiadis</i>	Asclepias syriaca virus 2 (AscSyV2)
	<i>Betanucleorhabdovirus bacopae</i>	Bacopa monnieri virus 2 (BmV2)
	<i>Betanucleorhabdovirus betalycopersici</i>	tomato betanucleorhabdovirus 2 (TBRV2)
	<i>Betanucleorhabdovirus cardamomi</i>	cardamom vein clearing virus (CdVVCV)
	<i>Betanucleorhabdovirus cnidii</i>	Cnidium virus 1 (CnV1)
	<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 picridis</i>	Picris betanucleorhabdovirus 1 (PBRV1)
	<i>Betanucleorhabdovirus plectranthi</i>	Plectranthus aromaticus virus 1 (PleArV1)
	<i>Betanucleorhabdovirus retesonchi</i>	Sonchus yellow net virus (SYNV)
	<i>Betanucleorhabdovirus rhododendri</i>	Rhododendron delavayi virus 1 (RhoDeV1)
	<i>Betanucleorhabdovirus ribes</i>	blackcurrant-associated rhabdovirus (BcaRV)
	<i>Betanucleorhabdovirus taraxi</i>	Taraxacum betanucleorhabdovirus 1 (TarBRV1)
	<i>Betanucleorhabdovirus venasonchi</i>	sowthistle yellow vein virus (SYVV)
	<i>Betanucleorhabdovirus zanthoxyli</i>	Zhuye pepper nucleorhabdovirus (ZPNRV)
	<i>Cytorhabdovirus actinidiae</i>	Actinidia virus D (AcVD)
	<i>Cytorhabdovirus alphatrifolii</i>	Trifolium pratense virus A (TpVA)
	<i>Cytorhabdovirus alphawuhaninsectum</i>	Wuhan insect virus 4 (WuIV4)
	<i>Cytorhabdovirus anthurii</i>	Anthurium amnicola virus 1 (AntAmV1)
	<i>Cytorhabdovirus asclepiadis</i>	Asclepias syriaca virus 1 (AscSyV1)
	<i>Cytorhabdovirus bacopae</i>	Bacopa monnieri virus 1 (BmV1)
	<i>Cytorhabdovirus bemisiae</i>	Bemisia tabaci-associated virus 1 (BeTaV1)
	<i>Cytorhabdovirus betafragariae</i>	strawberry virus 2 (StrV2)
	<i>Cytorhabdovirus betarosae</i>	rose-associated cytorhabdovirus (RaCV)
	<i>Cytorhabdovirus betatrifolii</i>	Trifolium pratense virus B (TpVB)
	<i>Cytorhabdovirus betawuhaninsectum</i>	Wuhan insect virus 5 (WuIV5)
	<i>Cytorhabdovirus brassicae</i>	broccoli necrotic yellows virus (BNYV)
	<i>Cytorhabdovirus brassicicolae</i>	cabbage cytorhabdovirus 1 (CcyV1)
	<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 (CuCV1)
	<i>Cytorhabdovirus daphnis</i>	daphne virus 1 (DV1)
	<i>Cytorhabdovirus festucae</i>	Festuca leaf streak virus (FLSV)

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Table 4. Continued

Genus	Species*	Virus (abbreviation)†
	<i>Cytorhabdovirus flaviyerbamate</i>	yerba mate chlorosis-associated virus (YmCaV)
	<i>Cytorhabdovirus fragariae</i>	strawberry-associated virus 1 (SaV1)
		strawberry virus 1 (StrV1)
	<i>Cytorhabdovirus fragariarugosus</i>	strawberry crinkle virus (SCV)
	<i>Cytorhabdovirus gammawuhaninsectum</i>	Wuhan insect virus 6 (WuIV6)
	<i>Cytorhabdovirus glehniae</i>	Glehnia littoralis virus 1 (GLLV1)
	<i>Cytorhabdovirus glycinis</i>	soybean blotchy mosaic virus (SbBMV)
	<i>Cytorhabdovirus gramineae</i>	northern cereal mosaic virus (NCMV)
	<i>Cytorhabdovirus hordei</i>	barley yellow striate mosaic virus (BYSMV)
	<i>Cytorhabdovirus hyptisis</i>	Hyptis latent virus (HpLV)
	<i>Cytorhabdovirus kenyatuberosum</i>	Kenyan potato cytorhabdovirus (KePCyV)
	<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)
	<i>Cytorhabdovirus nymphaeae</i>	Nymphaea alba virus 1 (NymAV1)
	<i>Cytorhabdovirus orchidaceae</i>	Gymnadenia densiflora virus 1 (GymDenV1)
	<i>Cytorhabdovirus oryzae</i>	rice stripe mosaic virus (RSMV)
	<i>Cytorhabdovirus pastinacae</i>	Pastinaca cytorhabdovirus 1 (PaCRV1)
	<i>Cytorhabdovirus persimmon</i>	persimmon virus A (PeVA)
	<i>Cytorhabdovirus pogostemi</i>	Patchouly chlorosis-associated cytorhabdovirus (PcaCV)
	<i>Cytorhabdovirus ribes</i>	blackcurrant rhabdovirus 2 (BCRV2)
	<i>Cytorhabdovirus rosae</i>	rose virus R (RVR)
	<i>Cytorhabdovirus rubus</i>	raspberry vein chlorosis virus (RVCV)
	<i>Cytorhabdovirus rudbeckiae</i>	Rudbeckia virus 1 (RudV1)
	<i>Cytorhabdovirus sambuci</i>	Sambucus virus 1 (SaV1)
	<i>Cytorhabdovirus sonchi</i>	Sonchus virus (SonV)
	<i>Cytorhabdovirus tagetis</i>	Tagetes erecta virus 1 (TaEV1)
	<i>Cytorhabdovirus taraxaci</i>	Taraxacum cytorhabdovirus 1 (TCRV1)
	<i>Cytorhabdovirus tiliae</i>	Tilia cytorhabdovirus 1 (TiCRV1)
	<i>Cytorhabdovirus trachyspermi</i>	Trachyspermum ammi virus 1 (TrAV1)
	<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>Deltanucleorhabdovirus</i>	<i>Deltanucleorhabdovirus fragariae</i>	strawberry virus 3 (StrV3)

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Table 4. Continued

Genus	Species*	Virus (abbreviation)†
<i>Dichorhavirus</i>	<i>Deltanucleorhabdovirus medicagonis</i>	Medicago sativa virus 1 (MSV1)
	<i>Dichorhavirus australis</i>	citrus bright spot virus (CiBSV)
	<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 (CiLVN)
	<i>Dichorhavirus orchidaceae</i>	orchid fleck virus (OFV)
<i>Gammanucleorhabdovirus</i>	<i>Gammanucleorhabdovirus cerealis</i>	cereal chlorotic mottle virus (CCMoV)
	<i>Gammanucleorhabdovirus maydis</i>	maize fine streak virus (MFSV)
<i>Varicosavirus</i>	<i>Varicosavirus aconiti</i>	Aconitum virus 1 (AcoV1)
	<i>Varicosavirus allii</i>	Allium angulosum virus 1 (AanV1)
	<i>Varicosavirus alopecuri</i>	Alopecurus myosuroides varicosavirus 1 (AMVV1)
	<i>Varicosavirus alphabraceae</i>	Brassica virus 1 (BrV1)
	<i>Varicosavirus apaceae</i>	Apera virus 1 (ApeV1)
	<i>Varicosavirus aponogeti</i>	Aponogeton virus 1 (ApoV1)
	<i>Varicosavirus arceuthobii</i>	Arceuthobium virus 8 (ArcV8)
	<i>Varicosavirus artemisiae</i>	Artemisia virus 1 (ArtV1)
	<i>Varicosavirus asclepiadis</i>	Asclepias syriaca virus 3 (AscSyV3)
	<i>Varicosavirus betabraceae</i>	Brassica virus 2 (BrV2)
	<i>Varicosavirus caladeniae</i>	Caladenia virus 1 (CalV1)
	<i>Varicosavirus centaurea</i>	Centaurea virus 1 (CenV1)
	<i>Varicosavirus cucumis</i>	Cucumis virus 1 (CucV1)
	<i>Varicosavirus didymochlaenae</i>	Didymochlaena virus 1 (DidV1)
	<i>Varicosavirus erysimi</i>	Erysimum virus 1 (EryV1)
	<i>Varicosavirus frullaniae</i>	Frullania virus 1 (FruV1)
	<i>Varicosavirus guizotiae</i>	Guizotia virus 1 (GuiV1)
	<i>Varicosavirus holci</i>	Holcus virus 1 (HolV1)
	<i>Varicosavirus ipomoeae</i>	morning glory varicosavirus (MGVV)
	<i>Varicosavirus lactucae</i>	lettuce big-vein-associated virus (LBVaV)
	<i>Varicosavirus leucanthemi</i>	Leucanthemum virus 1 (LeuV1)
	<i>Varicosavirus lolii</i>	Lolium perenne virus 1 (LoPV1)
	<i>Varicosavirus luffae</i>	Luffa virus 1 (LufV1)
	<i>Varicosavirus melampyri</i>	Melampyrum roseum virus 1 (MelRoV1)
	<i>Varicosavirus meliloti</i>	Melilotus virus 1 (MelV1)
	<i>Varicosavirus monocleae</i>	Monoclea gottschei varicosa-like virus (MgVV)
	<i>Varicosavirus penniseti</i>	Pennisetum virus 1 (PenV1)
	<i>Varicosavirus primulae</i>	Primula virus 1 (PriV1)

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Table 4. Continued

Genus	Species*	Virus (abbreviation)†
	<i>Varicosavirus ranunculi</i>	Ranunculus virus 1 (RanV1)
	<i>Varicosavirus raphani</i>	Raphanus virus 1 (RapV1)
	<i>Varicosavirus ribes</i>	Ribes virus 1 (RibV1)
	<i>Varicosavirus silenae</i>	Silene virus 1 (SilV1)
	<i>Varicosavirus streptoglossae</i>	Streptoglossa virus 1 (StrV1)
	<i>Varicosavirus tanacetii</i>	Tanacetum virus 1 (TanV1)
	<i>Varicosavirus thrysopteris</i>	tree fern varicosa-like virus (TfVV)
	<i>Varicosavirus treubiae</i>	Treubia virus 1 (TreV1)
	<i>Varicosavirus trifolii</i>	red clover-associated varicosavirus (RcaVV)
	<i>Varicosavirus tritici</i>	Triticum virus 1 (TriV1)
	<i>Varicosavirus vincetoxici</i>	Vincetoxicum virus 1 (VinV1)
	<i>Varicosavirus vitis</i>	Vitis varicosavirus (VVV)
	<i>Varicosavirus xinjiangense</i>	Xinjiang varicosavirus (XVV)
	<i>Varicosavirus zea</i>	Zea virus 1 (ZeaV1)
	<i>Varicosavirus zosterae</i>	Zostera-associated varicosavirus 1 (ZaVV1)
Subfamily Deltarhabdovirinae		
<i>Alphacruthavirus</i>	<i>Alphacruthavirus wenling</i>	Wenling crustacean virus 10 (WICV10)
	<i>Alphacruthavirus zhejiang</i>	Wenling crustacean virus 11 (WICV11)
<i>Alphadrosrhabdovirus</i>	<i>Alphadrosrhabdovirus hubei</i>	Wuhan house fly virus 2 (WhHFV2)
	<i>Alphadrosrhabdovirus shayang</i>	Shayang fly virus 3 (SyFV3)
<i>Alphahymrhabdovirus</i>	<i>Alphahymrhabdovirus cinereus</i>	hymenopteran rhabdo-related virus 38 (HyRRV38)
	<i>Alphahymrhabdovirus distinguendus</i>	Lariophagus distinguendus negative-strand RNA virus 1 (LdNSRV1)
	<i>Alphahymrhabdovirus hirtum</i>	hymenopteran rhabdo-related virus 109 (HyRRV109)
	<i>Alphahymrhabdovirus neglectus</i>	Lasius neglectus virus 2 (LnegV2)
	<i>Alphahymrhabdovirus radians</i>	hymenopteran rhabdo-related virus 46 (HyRRV46)
	<i>Alphahymrhabdovirus xiangshan</i>	Xiangshan rhabdo-like virus 3 (XsRLV3)
<i>Betahymrhabdovirus</i>	<i>Betahymrhabdovirus austriaca</i>	hymenopteran rhabdo-related virus 23 (HyRRV23)
	<i>Betahymrhabdovirus heterodontonyx</i>	hymenopteran rhabdo-related virus 24 (HyRRV24)
	<i>Betahymrhabdovirus xiangshan</i>	Xiangshan rhabdo-like virus 4 (XsRLV4)
<i>Betanemrhabdovirus</i>	<i>Betanemrhabdovirus hubei</i>	Hubei rhabdo-like virus 9 (HbRLV9)
	<i>Betanemrhabdovirus shayang</i>	Shayang ascaridia galli virus 2 (SyAGV2)
<i>Betapaprhavirus</i>	<i>Betapaprhavirus frugiperda</i>	Spodoptera frugiperda rhabdovirus (SfruRV)
	<i>Betapaprhavirus sylvina</i>	lepidopteran rhabdo-related virus 34 (LeRRV34)
<i>Betaricinrhabdovirus</i>	<i>Betaricinrhabdovirus chimay</i>	Chimay rhabdovirus (CRV)
	<i>Betaricinrhabdovirus mudanjiang</i>	Mudanjiang rhabd tick virus 1 (MjRTV1)
	<i>Betaricinrhabdovirus scapularis</i>	blacklegged tick rhabdovirus 1 (BLTRV1)
	<i>Betaricinrhabdovirus tongren</i>	Tongren rhabd tick virus 1 (TrRTV1)

Continued

Table 4. Continued

Genus	Species*	Virus (abbreviation)†
<i>Gammahymrhavirus</i>	<i>Betaricinhavirus yanjian</i>	Yanbian rhabd tick virus 3 (YbRTV3)
	<i>Gammahymrhavirus cerana</i>	Apis rhabdovirus 4 (ApRV4)
	<i>Gammahymrhavirus longicaudata</i>	Diachasmimorpha longicaudata rhabdovirus (DlonRV)
<i>Gammahymrhavirus mellifera</i>	<i>Gammahymrhavirus mellifera</i>	Apis rhabdovirus 5 (ApRV5)
	<i>Gammahymrhavirus fuyun</i>	Fuyun tick rhabdovirus (FyTRV)
	<i>Gammahymrhavirus tacheng</i>	Tacheng tick virus 7 (TcTV7)
<i>Primrhavirus</i>	<i>Primrhavirus atrato</i>	Atrato rhabdo-like virus 3 (AtRLV3)
	<i>Primrhavirus gabriel</i>	San Gabriel mononegavirus (SGMNV)
	<i>Primrhavirus primus</i>	Primus virus (PRIMV)
<i>Stangrhavirus</i>	<i>Stangrhavirus elisy</i>	Elisy virus (ELSYV)
	<i>Stangrhavirus guadeloupe</i>	Guadeloupe Culex rhabdovirus (GCRV)
	<i>Stangrhavirus stang</i>	Stang virus (STNGV)
	<i>Stangrhavirus wuhan</i>	Wuhan mosquito virus 9 (WhMV9)
Subfamily Gammarhabdovirinae		
<i>Margarhavirus</i>	<i>Margarhavirus chemarfal</i>	chemarfal virus 1 (CHMFV1)
<i>Novirhabdovirus</i>	<i>Novirhabdovirus hirame</i>	hirame rhabdovirus (HIRRV; HIRV)
	<i>Novirhabdovirus piscine</i>	viral haemorrhagic septicemia virus (VHSV)
	<i>Novirhabdovirus salmonid</i>	infectious haematopoietic necrosis virus (IHNV)
	<i>Novirhabdovirus snakehead</i>	snakehead rhabdovirus (SHRV)
Unassigned (to subfamilies)		
<i>Plathravirus</i>	<i>Plathravirus microphallus</i>	microrhabdovirus 1 (MicRV1)
	<i>Plathravirus nodulosus</i>	triaenorhabdovirus 1 (TriRV1)
	<i>Plathravirus orientalis</i>	metorhabdovirus 2 (MetRV2)
	<i>Plathravirus pseudoglobulus</i>	sphaeridiorhabdovirus 1 (SphRV1)
	<i>Plathravirus turkestanicum</i>	schistorhabdovirus 1 (SchRV1)
	<i>Plathravirus vulpes</i>	fox faecal rhabdovirus (FFRV)
Family Sunviridae [134]		
<i>Sunshinevirus</i>	<i>Sunshinevirus reptilis</i>	Sunshine Coast virus (SunCV)
Family Xinmoviridae [135]		
<i>Alasvirus</i>	<i>Alasvirus muscae</i>	Húběi diptera virus 11 (HbDV11)
<i>Anphevirus</i>	<i>Anphevirus xinchengense</i>	Xinchéng mosquito virus (XcMV)
<i>Corulvirus</i>	<i>Corulvirus hangzhouense</i>	Hángzhōu Zicrona caerulea xinmovirus 1 (HaZCV1)
<i>Culivirus</i>	<i>Culivirus belgradiense</i>	Serbia mononega-like virus 1 (SerMV1)
	<i>Culivirus dunyae</i>	Aedes albopictus anphevirus (AealbAV)
<i>Doupovirus</i>	<i>Doupovirus australiaense</i>	Culex mononega-like virus 2 (CMLV2)
<i>Draselvirus</i>	<i>Draselvirus dentati</i>	Húběi rhabdo-like virus 7 (HbRLV7)
<i>Drunivirus</i>	<i>Drunivirus chambonense</i>	Drosophila unispina virus 1 (DuniV1)

Continued

Table 4. Continued

Genus	Species*	Virus (abbreviation)†
<i>Gambievirus</i>	<i>Gambievirus bolahunense</i>	Bolahun virus (BLHV)
	<i>Gambievirus senegalense</i>	Gambie virus (GAMV)
<i>Gordisvirus</i>	<i>Gordisvirus californiense</i>	Gordis virus (GorV)
<i>Gudgevirus</i>	<i>Gudgevirus namadgii</i>	Gudgenby Calliphora mononega-like virus (GuCalMV)
<i>Gylbovirus</i>	<i>Gylbovirus aagae</i>	Aedes anphevirus (AeAV)
<i>Hoptevirus</i>	<i>Hoptevirus orthopteris</i>	Húběi orthoptera virus 5 (HbOV5)
<i>Laumovirus</i>	<i>Laumovirus liaoningense</i>	Fūshùn Monolepta lauta xinmovirus 2 (FuMLV2)
<i>Madalivirus</i>	<i>Madalivirus amapaense</i>	Anopheles marajoara virus (AnMV)
	<i>Madalivirus amazonaense</i>	Anopheles darlingi virus (AnDV)
<i>Molauvirus</i>	<i>Molauvirus liaoningense</i>	Fūshùn Monolepta lauta xinmovirus 1 (FuMLV1)
<i>Nurnegvirus</i>	<i>Nurnegvirus hainanense</i>	Sānyà Ischnura senegalensis xinmovirus 1 (SISeV1)
<i>Pelmivirus</i>	<i>Pelmivirus eymattense</i>	hymenopteran anphe-related virus OKIAV71 (HARV71)
<i>Puclevirus</i>	<i>Puclevirus hangzhouense</i>	Hángzhōu Cletus punctiger xinmovirus 1 (HaCPV1)
<i>Tecephavirus</i>	<i>Tecephavirus sydneyense</i>	bat faecal-associated anphe-like virus 1 (BtFAV1)
<i>Triniovirus</i>	<i>Triniovirus yonagoense</i>	Culex tritaeniorhynchus anphevirus (CtAV)
<i>Trocevirus</i>	<i>Trocevirus haikouense</i>	Bactrocera dorsalis xinmovirus 2 (BDorV)
<i>Ulegvirus</i>	<i>Ulegvirus freckenfeldense</i>	odonatan anphe-related virus OKIAV59 (OARV59)

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.

‡Includes: Newcastle disease virus (NDV).

Table 5. Taxonomy of the order *Goujianvirales* (*Negarnaviricota*: *Haploviricotina*: *Yunchangviricetes*) as of April 2024

Genus	Species*	Virus (abbreviation)†
Family Yueviridae [136]		
<i>Yuyuevirus</i>	<i>Yuyuevirus beihaiense</i>	Běihǎi sesarmid crab virus 3 (BhSCV3)
	<i>Yuyuevirus shaheense</i>	Shāhé yuèvirus-like virus 1 (ShYLV1)

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. Taxonomy of the order *Elliovirales* (Negarnaviricota: Polyploviricotina: Bunyaviricetes) as of April 2024

Genus	Species*	Virus (abbreviation)†
Family Cruliviridae [137]		
<i>Lincrovirus</i>	<i>Lincrovirus braziliense</i>	Callinectes danae portunibunyavirus 1 (CdPBV1)
	<i>Lincrovirus europense</i>	European shore crab virus 1 (EscV1)
	<i>Lincrovirus sinense</i>	Chinese mitten crab virus 1 (CmcV1)
	<i>Lincrovirus wenlingense</i>	Wenling crustacean virus 9 (WICV9)
Family Fimoviridae [138, 139]		
<i>Emaravirus</i>	<i>Emaravirus aceris</i>	maple mottle-associated virus (MaMaV)
	<i>Emaravirus actinidiae</i>	Actinidia chlorotic ringspot-associated virus (AcCRaV)
	<i>Emaravirus ailanthi</i>	Ailanthus crinkle leaf-associated virus (ACrLaV)
	<i>Emaravirus artemisiae</i>	Artemisia fimovirus 1 (ArtV1)
	<i>Emaravirus cajani</i>	pigeonpea sterility mosaic virus 1 (PPSMV1)
	<i>Emaravirus camelliae</i>	Camellia japonica-associated virus 1 (CjaV1)
	<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 corynocarpi</i>	karaka Ōkahu purepure emaravirus (KOPV)
	<i>Emaravirus fici</i>	fig mosaic virus (FMV)
	<i>Emaravirus fraxini</i>	ash shoestring-associated virus (ASaV)
	<i>Emaravirus idaeobati</i>	raspberry leaf blotch virus (RLBV)
	<i>Emaravirus illicii</i>	Japanese star anise ringspot-associated virus (JSARaV)
	<i>Emaravirus kiwii</i>	Actinidia virus 2 (AcV2)
	<i>Emaravirus kudzu</i>	Pueraria lobata-associated emaravirus (PloaEV)
	<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 (PPSMV2)
	<i>Emaravirus tritici</i>	High Plains wheat mosaic virus (HPWMoV)
	<i>Emaravirus verbanni</i>	Camellia japonica-associated virus 2 (CjaV2)
	<i>Emaravirus visci</i>	Arceuthobium sichuanense-associated virus 1 (ArSaV1)
	<i>Emaravirus vitis</i>	Vitis emaravirus (VEV)
	<i>Emaravirus ziziphi</i>	jujube yellow mottle-associated virus (JYMaV)

Continued

Table 6. Continued

Genus	Species*	Virus (abbreviation)†
Family Hantaviridae [140]		
Subfamily Actantavirinae		
<i>Actinovirus</i>	<i>Actinovirus bernense</i>	Bern perch virus (BRPV)
	<i>Actinovirus halieutaeae</i>	Wēnlíng minipizza batfish virus (WEMBV)
	<i>Actinovirus triacanthodis</i>	Wēnlíng red spikefish virus (WERSV)
<i>Percilovirus</i>	<i>Percilovirus gobii</i>	Luposicya lupus actinovirus (LIAV)
	<i>Percilovirus lophii</i>	Wēnlíng yellow goosfish virus (WEYGV)
Subfamily Agantavirinae		
<i>Agnathovirus</i>	<i>Agnathovirus eptatreti</i>	Wēnlíng hagfish virus (WEHV)
Subfamily Mammantavirinae		
<i>Loanvirus</i>	<i>Loanvirus brunaense</i>	Brno virus (BRNV)
	<i>Loanvirus longquanense</i>	Lóngquán virus (LQUV)
<i>Mobatvirus</i>	<i>Mobatvirus dakrongense</i>	Đàkrông virus (DKGV)
	<i>Mobatvirus laibinense</i>	Láibīn virus (LAIV)
	<i>Mobatvirus lenaense</i>	Lena virus (LENV)
	<i>Mobatvirus novaense</i>	Nova virus (NVAV)
	<i>Mobatvirus quezonense</i>	Quezon virus (QZNV)
	<i>Mobatvirus robinaense</i>	Robina virus (ROBV)
	<i>Mobatvirus xuansonense</i>	Xuân Sơn virus (XSV)
	<i>Orthohantavirus andesense</i>	Andes virus (ANDV)
<i>Orthohantavirus</i>	<i>Orthohantavirus artybashense</i>	Artybash virus (ARTV)
	<i>Orthohantavirus asamaense</i>	Asama virus (ASAV)
	<i>Orthohantavirus asikkalaense</i>	Asikkala virus (ASIV)
	<i>Orthohantavirus bayoui</i>	bayou virus (BAYV)
		Catacamas virus (CATV)
	<i>Orthohantavirus boweense</i>	Bowé virus (BOWV)
	<i>Orthohantavirus brugesense</i>	Bruges virus (BRGV)
	<i>Orthohantavirus caobangense</i>	Cao Bằng virus (CBNV)
	<i>Orthohantavirus carrizalense</i>	Carrizal virus (CARV)
		Huitzilac virus (HUIV)
	<i>Orthohantavirus chocloense</i>	Choclo virus (CHOV)
	<i>Orthohantavirus dabieshanense</i>	Dàbiéshān virus (DBSV)
	<i>Orthohantavirus delgaditoense</i>	Caño Delgadito virus (CADV)
	<i>Orthohantavirus dobravaense</i>	Dobrava virus (DOBV)
		Kurkino virus (KURV)
		Saaremaa virus (SAAV)
		Sochi virus (SOCV)

Continued

Table 6. Continued

Genus	Species*	Virus (abbreviation)†
	<i>Orthohantavirus fugongense</i>	Fúgòng virus (FUGV)
	<i>Orthohantavirus hantanense</i>	Amur virus (AMRV)
		Hantaan virus (HTNV)
		Soochong virus (SOOV)
	<i>Orthohantavirus jejuense</i>	Jeju virus (JJUV)
	<i>Orthohantavirus kenkemeense</i>	Kenkeme virus (KKMV)
	<i>Orthohantavirus khabarovskense</i>	Khabarovsk virus (KHAV)
		Topografov virus (TOPV)
	<i>Orthohantavirus lankaense</i>	Lanka virus (LNKV)
	<i>Orthohantavirus luxiense</i>	Lúxī virus (LUXV)
	<i>Orthohantavirus mamoreense</i>	Maripa virus (MARV)
		Rio Mamoré virus (RIOMV)
	<i>Orthohantavirus maporalense</i>	Maporal virus (MAPV)
	<i>Orthohantavirus montanoense</i>	Montaño virus (MTNV)
	<i>Orthohantavirus nigrorivense</i>	Black Creek Canal virus (BCCV)
	<i>Orthohantavirus prospectense</i>	Prospect Hill virus (PHV)
	<i>Orthohantavirus puumalaense</i>	Hokkaido virus (HOKV)
		Muju virus (MUJV)
		Puumala virus (PUUV)
	<i>Orthohantavirus rockportense</i>	Rockport virus (RKPV)
	<i>Orthohantavirus sangassouense</i>	Sangassou virus (SANGV)
	<i>Orthohantavirus seoulense</i>	Seoul virus (SEOV)
	<i>Orthohantavirus sinnombreense</i>	New York virus (NYV)
		Sin Nombre virus (SNV)
	<i>Orthohantavirus tatenalense</i>	Tatenale virus (TATV)
	<i>Orthohantavirus thailandense</i>	Anjzorobe virus (ANJZV)
		Thailand virus (THAIV)
	<i>Orthohantavirus tigrayense</i>	Tigray virus (TIGV)
	<i>Orthohantavirus tulaense</i>	Tula virus (TULV)
	<i>Orthohantavirus wufangense</i>	Wūfēng Chodsigoa smithii orthohantavirus 1 (WfCsOHV1)
<i>Thottimvirus</i>	<i>Thottimvirus injinense</i>	Injin virus (MJNV)
	<i>Thottimvirus thottapalayamense</i>	Thottapalayam virus (TPMV)
	Subfamily Repantavirinae	
<i>Reptillovirus</i>	<i>Reptillovirus hemidactyli</i>	Hāinán oriental leaf-toed gecko virus (HOLGV)
	Family Peribunyaviridae [141]	
<i>Gryffinivirus</i>	<i>Gryffinivirus alamedaense</i>	Udune virus (UDNV)
	<i>Gryffinivirus hedwigae</i>	Hedwig virus (HEDV)

Continued

Table 6. Continued

Genus	Species*	Virus (abbreviation)†
<i>Herbevirus</i>	<i>Herbevirus herberti</i>	Herbert virus (HEBV)
	<i>Herbevirus kibaleense</i>	Kibale virus (KIBV)
	<i>Herbevirus taiense</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>Orthobunyavirus abrasense</i>	Abras virus (ABRV)
	<i>Orthobunyavirus acaraiense</i>	Acará virus (ACAV)
		Benevides virus (BVSV; BENV)
	<i>Orthobunyavirus achiotei</i>	Achiote virus (ACHOV)
		trivittatus virus (TVTV)
	<i>Orthobunyavirus ainoense</i>	Aino virus (AINOV)
		Kaikalur virus (KAIV)
	<i>Orthobunyavirus akabaneense</i>	Akabane virus (AKAV)
		Tinaroo virus (TINV)
	<i>Orthobunyavirus anadyrense</i>	Anadyr virus (ANADV)
	<i>Orthobunyavirus ananindeuaense</i>	Ananindeua virus (ANUV)
	<i>Orthobunyavirus angeloense</i>	San Angelo virus (SAV)
	<i>Orthobunyavirus anhembiense</i>	Anhembi virus (AMBV)
	<i>Orthobunyavirus apeuense</i>	Apeú virus (APEUV)
	<i>Orthobunyavirus baakalense</i>	Baakal virus (BAKV)
	<i>Orthobunyavirus bakauense</i>	Bakau virus (BAKV)
		Tanjong Rabok virus (TRV)
	<i>Orthobunyavirus balagoduense</i>	Balagodu virus (BLGV)
	<i>Orthobunyavirus barritaense</i>	Barrita virus (BITV)
	<i>Orthobunyavirus bataiense</i>	Batai virus (BATV)
	<i>Orthobunyavirus batamaense</i>	Batama virus (BMAV)
	<i>Orthobunyavirus belemense</i>	Belém virus (BLMV)
	<i>Orthobunyavirus bellavistaense</i>	Antequera virus (ANTV)
		Barranqueras virus (BQSV)
		Bellavista virus (BELLV)
		Resistencia virus (RTAV)
	<i>Orthobunyavirus belmontense</i>	Belmont virus (BELV)
	<i>Orthobunyavirus benficaense</i>	Benfica virus (BENV; BNFV)
	<i>Orthobunyavirus bertiogaense</i>	Bertioga virus (BERV)
		Cananéia virus (CNAV)
	<i>Orthobunyavirus biraoense</i>	Birao virus (BIRV)

Continued

Table 6. Continued

Genus	Species*	Virus (abbreviation)†
	<i>Orthobunyavirus bobayaense</i>	Bobaya virus (BOBV)
	<i>Orthobunyavirus boraceiaense</i>	Boracéia virus (BORV)
	<i>Orthobunyavirus botambiense</i>	Botambi virus (BOTV)
	<i>Orthobunyavirus bozoense</i>	Bozo virus (BOZOV)
	<i>Orthobunyavirus brazoriaense</i>	brazoran virus (BRAZV)
	<i>Orthobunyavirus bruconhaense</i>	Bruconha virus (BRUV)
	<i>Orthobunyavirus buffaloense</i>	Buffalo Creek virus (BUCV)
		Murrumbidgee virus (MURBV)
		Trubanaman virus (TRUV)
	<i>Orthobunyavirus bunyamweraense</i>	Bunyamwera virus (BUNV)
		Germiston virus (GERV)
		Mboké virus (MBOV)
		Ngari virus (NRIV)
		Stanfield virus (STAV)
		Xingu virus (XINV)
	<i>Orthobunyavirus bushbushense</i>	Bushbush virus (BSBV)
		Moriche virus (MORV)
	<i>Orthobunyavirus buttonwillowense</i>	Buttonwillow virus (BUTV)
	<i>Orthobunyavirus bwambaense</i>	Bwamba virus (BWAV)
		Pongola virus (PGAV)
	<i>Orthobunyavirus cacheense</i>	Cache Valley virus (CVV)
		Cholul virus (CHLV)
		Playas virus (PLAV)
		Tlacotalpan virus (TLAV)
	<i>Orthobunyavirus capimense</i>	Capim virus (CAPV)
	<i>Orthobunyavirus caraparuense</i>	Caraparú virus (CARV)
		El Huayo virus (EHUV)
		Itaqui virus (ITQV)
		Itaya virus (ITYV)
		Ossa virus (OSSAV)
	<i>Orthobunyavirus catqueense</i>	Cát Qué virus (CQV)
		Oya virus (OYAV)
	<i>Orthobunyavirus catuense</i>	Catú virus (CATUV)
		Moju virus (MOJUV)
	<i>Orthobunyavirus cuchillaense</i>	Anopheles B virus (ANBV)
	<i>Orthobunyavirus ebiense</i>	Ebinur Lake virus (EBIV)
	<i>Orthobunyavirus encephalitis</i>	California encephalitis virus (CEV)

Continued

Table 6. Continued

Genus	Species*	Virus (abbreviation)†
		Morro Bay virus (MBV)
	<i>Orthobunyavirus enseadaense</i>	Enseada virus (ENSV)
	<i>Orthobunyavirus faceyense</i>	Facey's paddock virus (FPV)
	<i>Orthobunyavirus gamboaense</i>	Alajuela virus (ALJV)
		Brus Laguna virus (BLAV)
		Calchaquí virus (CQIV)
		Gamboa virus (GAMV)
		Soberanía virus (SOBV)
	<i>Orthobunyavirus ganganense</i>	Gan Gan virus (GGV)
		Salt Ash virus (SASHV)
	<i>Orthobunyavirus guajaraense</i>	Guajará virus (GJAV)
	<i>Orthobunyavirus guamaense</i>	Bimiti virus (BIMV)
		Guamá virus (GMAV)
	<i>Orthobunyavirus guaratubaense</i>	Guaratuba virus (GTBV)
		Itimirim virus (ITIV)
	<i>Orthobunyavirus guaroaense</i>	Guaroa virus (GROV)
	<i>Orthobunyavirus gumbolimboense</i>	Gumbo Limbo virus (GLV)
	<i>Orthobunyavirus heptayabaense</i>	Yaba-7 virus (Y7V)
	<i>Orthobunyavirus horizonteense</i>	Anopheles A virus (ANAV)
		Arumateua virus (ARTV; ARMTV)
		Caraipé virus (CPEV; CRPV)
		Trombetas virus (TRMV)
		Tucuruí virus (TUCV; TUCRV)
	<i>Orthobunyavirus iacoense</i>	Iaco virus (IACOV)
	<i>Orthobunyavirus ilesaense</i>	Ilesha virus (ILEV)
	<i>Orthobunyavirus infirmati</i>	Infirmatus virus (INFV)
	<i>Orthobunyavirus ingwavumaense</i>	Ingwavuma virus (INGV)
	<i>Orthobunyavirus insulae</i>	kairi virus (KRIV)
	<i>Orthobunyavirus jamestownense</i>	Inkoo virus (INKV)
		Jamestown Canyon virus (JCV)
		Jerry Slough virus (JSV)
		South River virus (SORV)
	<i>Orthobunyavirus jatobalense</i>	Jatobal virus (JATV)
	<i>Orthobunyavirus juandiazense</i>	Juan Díaz virus (JDV)
	<i>Orthobunyavirus kaengkhoiense</i>	Kaeng Khoi virus (KKV)
	<i>Orthobunyavirus kernense</i>	Lokern virus (LOKV)
		Main Drain virus (MDV)

Continued

Table 6. Continued

Genus	Species*	Virus (abbreviation)†
		Santa Rosa virus (SARV)
	<i>Orthobunyavirus ketapangense</i>	Ketapang virus (KETV)
	<i>Orthobunyavirus keystoneense</i>	Keystone virus (KEYV)
	<i>Orthobunyavirus khatangaense</i>	Khatanga virus (KHATV)
		snowshoe hare virus (SSHV)
	<i>Orthobunyavirus koongoli</i>	koongol virus (KOOV)
		wongal virus (WONV)
	<i>Orthobunyavirus kowanyamaense</i>	Kowanyama virus (KOWV)
	<i>Orthobunyavirus lacrosseense</i>	La Crosse virus (LACV)
	<i>Orthobunyavirus lasmaloyasense</i>	Las Maloyas virus (LMV)
	<i>Orthobunyavirus leanyerense</i>	Leanyer virus (LEAV)
	<i>Orthobunyavirus ledniceense</i>	Lednice virus (LEDV)
	<i>Orthobunyavirus lukuniense</i>	Lukuni virus (LUKV)
	<i>Orthobunyavirus lumboense</i>	Lumbo virus (LUMV)
	<i>Orthobunyavirus macauaense</i>	Macauã virus (MCAV)
	<i>Orthobunyavirus madridense</i>	Madrid virus (MADV)
		Vinces virus (VINV)
	<i>Orthobunyavirus maguariense</i>	Maguari virus (MAGV)
	<i>Orthobunyavirus mahoganyense</i>	Mahogany Hammock virus (MHV)
	<i>Orthobunyavirus manzanillaense</i>	Manzanilla virus (MANV)
		Inini virus (INIV)
	<i>Orthobunyavirus maprikense</i>	Maprik virus (MPKV)
	<i>Orthobunyavirus maritubaense</i>	Marituba virus (MTBV)
		Zungarococha virus (ZUNV)
	<i>Orthobunyavirus matruhense</i>	Matruh virus (MTRV)
	<i>Orthobunyavirus melajoense</i>	Melao virus (MELV)
	<i>Orthobunyavirus mermetense</i>	Mermet virus (MERV)
	<i>Orthobunyavirus minatitlanense</i>	Minatitlán virus (MNTV)
		Palestina virus (PLSV)
	<i>Orthobunyavirus mirimense</i>	Mirim virus (MIRV)
	<i>Orthobunyavirus mitchellense</i>	Mapputta virus (MAPV)
	<i>Orthobunyavirus mpokoense</i>	M'Poko virus (MPOV)
		Yaba-1 virus (Y1V)
	<i>Orthobunyavirus navioense</i>	Serra do Navio virus (SDNV)
	<i>Orthobunyavirus nepuyoi</i>	Nepuyo virus (NEPV)
	<i>Orthobunyavirus nesszionaense</i>	Ness Ziona virus (NZV)
	<i>Orthobunyavirus nolaense</i>	Nola virus (NOLAV)

Continued

Table 6. Continued

Genus	Species*	Virus (abbreviation)†
	<i>Orthobunyavirus northwayense</i>	Northway virus (NORV)
	<i>Orthobunyavirus nyandoense</i>	Eretmapodites virus (ERETV)
		Mojú dos Campos virus (MDCV)
		Nyando virus (NDV)
	<i>Orthobunyavirus okolaense</i>	Okola virus (OKOV)
	<i>Orthobunyavirus olifantsvleiense</i>	Bobia virus (BLAV)
		Dabakala virus (DABV)
		Olifantsvlei virus (OLIV)
		Oubi virus (OUBIV)
	<i>Orthobunyavirus oribocaense</i>	Murutucú virus (MURV)
		Oriboca virus (ORIV)
		Restan virus (RESV)
	<i>Orthobunyavirus oropoucheense</i>	Iquitos virus (IQTV)
		Madre de Dios virus (MDDV)
		Oropouche virus (OROV)
		Perdões virus (PDEV)
		Pintupo virus (PINTV)
	<i>Orthobunyavirus oyoense</i>	Oyo virus (OYOV)
	<i>Orthobunyavirus pacoraense</i>	Pacora virus (PCAV)
	<i>Orthobunyavirus parkeri</i>	Parker's Farm virus (PFV)
	<i>Orthobunyavirus patoisense</i>	Babahoya virus (BABV)
		Patois virus (PATV)
	<i>Orthobunyavirus peachesterense</i>	peaton virus (PEAV)
	<i>Orthobunyavirus porteiraense</i>	Cachoeira Porteira virus (CPOV)
	<i>Orthobunyavirus potosiense</i>	Potosi virus (POTV)
	<i>Orthobunyavirus saboense</i>	Sabo virus (SABOV)
	<i>Orthobunyavirus sangoense</i>	Sango virus (SANV)
	<i>Orthobunyavirus sanjuanense</i>	Pueblo Viejo virus (PVV)
		San Juan virus (SVJ)
	<i>Orthobunyavirus schmallerbergense</i>	Douglas virus (DOUV)
		Sathuperi virus (SATV)
		Schmallerberg virus (SBV)
		Shamonda virus (SHAV)
	<i>Orthobunyavirus sedlecense</i>	Sedlec virus (SEDV)
	<i>Orthobunyavirus shermanense</i>	Fort Sherman virus (FSV)
		Laguna Larga virus (LLV)
	<i>Orthobunyavirus shokweense</i>	Shokwe virus (SHOV)

Continued

Table 6. Continued

Genus	Species*	Virus (abbreviation)†
<i>Orthobunyavirus</i>	<i>Orthobunyavirus shuniense</i>	Shuni virus (SHUV)
	<i>Orthobunyavirus simbuense</i>	Para virus (PARAV)
		Simbu virus (SIMV)
	<i>Orthobunyavirus sororocaense</i>	Sororoca virus (SORV)
	<i>Orthobunyavirus squalofluvii</i>	Shark River virus (SRV)
	<i>Orthobunyavirus sussexense</i>	Little Sussex virus (LTLSV)
	<i>Orthobunyavirus tacaiumaense</i>	CoAr 1071 virus (CA1071V)
		CoAr 3627 virus (CA3626V)
		Tacaiuma virus (TCMV)
		Virgin River virus (VRV)
	<i>Orthobunyavirus tahynaense</i>	Ťahyňa virus (TAHV)
	<i>Orthobunyavirus tangaense</i>	Tanga virus (TANV)
	<i>Orthobunyavirus tataquineense</i>	Tataguine virus (TATV)
	<i>Orthobunyavirus telokense</i>	Telok Forest virus (TFV)
	<i>Orthobunyavirus tensawense</i>	Tensaw virus (TENV)
	<i>Orthobunyavirus termeilense</i>	Termeil virus (TERV)
	<i>Orthobunyavirus teteense</i>	Bahig virus (BAHV)
		Tete virus (TETEV)
		Tsuruse virus (TSUV)
		Weldona virus (WELV)
	<i>Orthobunyavirus thimiriense</i>	Thimiri virus (THIV)
	<i>Orthobunyavirus timboteuaense</i>	Timboteua virus (TBTV)
	<i>Orthobunyavirus trinitense</i>	Triniti virus (TNTV)
	<i>Orthobunyavirus turlockense</i>	Turlock virus (TURV)
	<i>Orthobunyavirus umbreense</i>	Umbre virus (UMBV)
	<i>Orthobunyavirus utingaense</i>	Utinga virus (UTIV)
	<i>Orthobunyavirus witwatersrandense</i>	Witwatersrand virus (WITV)
	<i>Orthobunyavirus wolkbergense</i>	Wolkberg virus (WBV)
	<i>Orthobunyavirus wyeomyiae</i>	Rio Pracupi virus
		Taiassui virus (TAIAV)
		Tucunduba virus (TUCV)
		Wyeomyia virus (WYOV)
	<i>Orthobunyavirus yacaabaense</i>	Yacaaba virus (YACV)
<i>Pacuvirus</i>	<i>Pacuvirus caimitoense</i>	Caimito virus (CAIV)
	<i>Pacuvirus chilibreense</i>	Chilibre virus (CHIV)
	<i>Pacuvirus evaense</i>	Rio Preto da Eva virus (RPEV)
	<i>Pacuvirus pacuiense</i>	Pacui virus (PACV)

Continued

Table 6. Continued

Genus	Species*	Virus (abbreviation)†
<i>Shangavirus</i>	<i>Pacuvirus tapirapeense</i>	Tapirapé virus (TAPV)
	<i>Shangavirus shuangaoense</i>	Shuāngào insect virus 1 (SgIV1)
Family Phasmaviridae [142]		
<i>Cicadellivirus</i>	<i>Cicadellivirus scaphoidei</i>	Scaphoideus titanus bunya-like virus 1 (StHV1)
<i>Feravirus</i>	<i>Feravirus ferakinum</i>	Ferak virus (FRKV)
	<i>Feravirus guaguaense</i>	Guagua virus (GUAV)
	<i>Feravirus hemipterus</i>	hemipteran phasma-related virus OKIAV247 (HeFV)
	<i>Feravirus neuropterus</i>	neuropteran phasma-related virus OKIAV248 (NeFV)
<i>Hymovirus</i>	<i>Hymovirus chrysis</i>	hymenopteran phasma-related virus OKIAV250 (HyHV2)
	<i>Hymovirus chrysurae</i>	hymenopteran phasma-related virus OKIAV252 (HyHV1)
<i>Jonvirus</i>	<i>Jonvirus eboris</i>	jonchet virus (JONV)
<i>Orthophasmavirus</i>	<i>Orthophasmavirus aedis</i>	Wūhàn mosquito virus 2 (WhMV2)
	<i>Orthophasmavirus anophelae</i>	Anopheles triannulatus orthophasmavirus (AtOPV)
	<i>Orthophasmavirus barstukasense</i>	barstukas virus (BARV)
	<i>Orthophasmavirus chrysis</i>	hymenopteran phasma-related virus OKIAV227 (HyOV2)
	<i>Orthophasmavirus coleopterus</i>	coleopteran phasma-related virus OKIAV235 (CPRV)
	<i>Orthophasmavirus coredoense</i>	Coredo virus (CORV)
	<i>Orthophasmavirus culicis</i>	Culex phasma-like virus (CPLV)
	<i>Orthophasmavirus flenense</i>	Flen virus (FLNV)
	<i>Orthophasmavirus fushunense</i>	Fūshùn phasmavirus 2 (FsnPV2)
	<i>Orthophasmavirus gandaense</i>	Ganda bee virus (GBEEV)
	<i>Orthophasmavirus hubeiense</i>	Húběi odonate virus 9 (HbOV9)
	<i>Orthophasmavirus kigluaikense</i>	Kigluaik phantom virus (KIGV)
	<i>Orthophasmavirus miglotasense</i>	miglotas virus (MIGV)
	<i>Orthophasmavirus niuklukense</i>	Niukluk phantom virus (NUKV)
	<i>Orthophasmavirus odonatus</i>	Húběi odonate virus 8 (HbOV8)
	<i>Orthophasmavirus philoctetis</i>	hymenopteran phasma-related virus OKIAV228 (HyOV1)
	<i>Orthophasmavirus sogatellae</i>	Fūshùn phasmavirus 1 (FsnPV1)
	<i>Orthophasmavirus wuchangense</i>	Wūchāng cockroach virus 1 (WcCV1)
	<i>Orthophasmavirus wuhanense</i>	Wūhàn mosquito virus 1 (WhMV1)
<i>Sawastrivirus</i>	<i>Sawastrivirus sanxiaense</i>	Sānxiá water strider virus 2 (SxWSV2)
<i>Wuhivirus</i>	<i>Wuhivirus insecti</i>	Wūhàn insect virus 2 (WhIV2)
Family Tospoviridae		
<i>Orthotospovirus</i>	<i>Orthotospovirus alstroemeriflavi</i>	Alstroemeria yellow spot virus (AYSV)
	<i>Orthotospovirus alstroemerinecrosis</i>	Alstroemeria necrotic streak virus (ANSV)
	<i>Orthotospovirus arachianuli</i>	groundnut ringspot virus (GRSV)
	<i>Orthotospovirus arachiflavamaculae</i>	groundnut yellow spot virus (GYSV)

Continued

Table 6. Continued

Genus	Species*	Virus (abbreviation)†
	<i>Orthotospovirus arachiflavi</i>	groundnut chlorotic fan-spot virus (GCFSV)
	<i>Orthotospovirus arachinecrosis</i>	groundnut bud necrosis virus (GBNV)
	<i>Orthotospovirus callaflavi</i>	calla lily chlorotic spot virus (CCSV)
	<i>Orthotospovirus capsiciflavi</i>	Capsicum chlorosis virus (CaCV)
	<i>Orthotospovirus capsicimaculaflavi</i>	pepper chlorotic spot virus (PCSV)
	<i>Orthotospovirus chrysanthinecrocaulis</i>	Chrysanthemum stem necrosis virus (CSNV)
	<i>Orthotospovirus citrullomaculosi</i>	watermelon silver mottle virus (WSMoV)
	<i>Orthotospovirus citrullonecrosis</i>	watermelon bud necrosis virus (WBNV)
	<i>Orthotospovirus cucurbichlorosis</i>	zucchini lethal chlorosis virus (ZLCV)
	<i>Orthotospovirus glycininecrovenae</i>	soybean vein necrosis virus (SVNV)
	<i>Orthotospovirus hippeflavi</i>	Hippeastrum chlorotic spot virus (HCRV)
	<i>Orthotospovirus impatiensnecromaculae</i>	impatiens necrotic spot virus (INSV)
	<i>Orthotospovirus iridimaculaflavi</i>	iris yellow spot virus (IYSV)
	<i>Orthotospovirus meloiflavi</i>	melon yellow spot virus (MYSV)
	<i>Orthotospovirus melotessellati</i>	melon severe mosaic virus (MSMV)
	<i>Orthotospovirus morivenae</i>	mulberry vein banding-associated virus (MVBaV)
	<i>Orthotospovirus phaseolinecrotessellati</i>	bean necrotic mosaic virus (BeNMV)
	<i>Orthotospovirus polygonianuli</i>	Polygonum ringspot virus (PoRSV)
	<i>Orthotospovirus tomatanuli</i>	tomato yellow ring virus (TYRV)
	<i>Orthotospovirus tomatoflavi</i>	tomato chlorotic spot virus (TCSV)
	<i>Orthotospovirus tomatomaculae</i>	tomato spotted wilt virus (TSWV)
	<i>Orthotospovirus tomatozonae</i>	tomato zonate spot virus (TZSV)
	Family <i>Tulasviridae</i> [143]	
<i>Orthotulasvirus</i>	<i>Orthotulasvirus tulasnellae</i>	Tulasnella bunyavirales-like virus 1 (TB-LV)
<i>Paratulasvirus</i>	<i>Paratulasvirus agrocybes</i>	Agrocybe praecox tulasvirus 1 (ApTV1)

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. Taxonomy of the order *Hareavirales* (*Negarnaviricota*: *Polyploviricotina*: *Bunyaviricetes*) as of April 2024

Genus	Species*	Virus (abbreviation)†
Family Arenaviridae [144]		
<i>Antennavirus</i>	<i>Antennavirus hirsutum</i>	Wēnlǐng frogfish arenavirus 2 (WIFAV2)
	<i>Antennavirus salmonis</i>	salmon pescarenavirus 1 (SPAV1)
		salmon pescarenavirus 2 (SPAV2)
	<i>Antennavirus striale</i>	Wēnlǐng frogfish arenavirus 1 (WIFAV1)
<i>Hartmanivirus</i>	<i>Hartmanivirus braziliense</i>	SetPatVet virus 1 (SPVV1)
	<i>Hartmanivirus haartmani</i>	Haartman Institute snake virus 1 (HISV1)
		Haartman Institute snake virus 2 (HISV2)
	<i>Hartmanivirus helvetiae</i>	Dante Muikkunen virus 1 (DaMV1)
	<i>Hartmanivirus patriae</i>	andere Heimat virus 1 (aHeV1)
	<i>Hartmanivirus quadrati</i>	big electron-dense squares virus 1 (BESV1)
	<i>Hartmanivirus scholae</i>	old schoolhouse virus 1 (OScV1)
		old schoolhouse virus 2 (OScV2)
	<i>Hartmanivirus turici</i>	veterinary pathology Zurich virus 1 (VPZV1)
		veterinary pathology Zurich virus 2 (VPZV2)
	<i>Hartmanivirus unni</i>	Universidad Nacional virus 1 (UnNV1)
<i>Innmovirus</i>	<i>Innmovirus hailarensis</i>	Hailar virus (HLRV)
<i>Mammarenavirus</i>	<i>Mammarenavirus abaensis</i>	Ābà-Miányáng virus (AMYV)
	<i>Mammarenavirus alashanensis</i>	Alxa virus (ALXV)
	<i>Mammarenavirus allpahuayoensis</i>	Allpahuayo virus (ALLV)
	<i>Mammarenavirus amapariensis</i>	Amaparí virus (AMAV)
	<i>Mammarenavirus aporensis</i>	Aporé virus (APOV)
	<i>Mammarenavirus batangensis</i>	Bátáng virus (BTTV)
	<i>Mammarenavirus bearensis</i>	Bear Canyon virus (BCNV)
	<i>Mammarenavirus beregensis</i>	Berega virus (BEGV)
	<i>Mammarenavirus bituensis</i>	Bitu virus (BITV)
	<i>Mammarenavirus brazilensis</i>	Sabiá virus (SBAV)
	<i>Mammarenavirus caliensis</i>	Pichindé virus (PICHV)
	<i>Mammarenavirus cameroonensis</i>	souris virus (SOUV)
	<i>Mammarenavirus chaparensis</i>	Chapare virus (CHAPV)
	<i>Mammarenavirus choriomeningitidis</i>	Dandenong virus (DANV)
		lymphocytic choriomeningitis virus (LCMV)
	<i>Mammarenavirus cupixiensis</i>	Cupixi virus (CUPXV)
	<i>Mammarenavirus dhati-welelensis</i>	Dhati Welel virus (DHWV)
	<i>Mammarenavirus flexalis</i>	Flexal virus (FLEV)
	<i>Mammarenavirus gairoensis</i>	Gairo virus (GAIV)
	<i>Mammarenavirus ganziensis</i>	Gānzī virus (GNZV)
	<i>Mammarenavirus guaranitensis</i>	Guanarito virus (GTOV)

Continued

Table 7. Continued

Genus	Species*	Virus (abbreviation)†
	<i>Mammarenavirus ippysense</i>	Ippy virus (IPPYV)
	<i>Mammarenavirus juninense</i>	Junín virus (JUNV)
	<i>Mammarenavirus kitaleense</i>	Kitale virus (KITLV)
	<i>Mammarenavirus kwanzaense</i>	Kwanza virus (KWAV)
	<i>Mammarenavirus lassaense</i>	Lassa virus (LASV)
	<i>Mammarenavirus latinum</i>	Latino virus (LATV)
	<i>Mammarenavirus lijiangense</i>	Lijiāng virus (LIJV)
	<i>Mammarenavirus loeise</i>	Loei River virus (LORV)
	<i>Mammarenavirus lujoense</i>	Lujo virus (LUJV)
	<i>Mammarenavirus lunaense</i>	Luli virus (LULV)
		Luna virus (LUAV)
	<i>Mammarenavirus lunkense</i>	Lunk virus (LNKV)
	<i>Mammarenavirus machupoense</i>	Machupo virus (MACV)
	<i>Mammarenavirus mafiense</i>	Mafiga virus (MAFV)
	<i>Mammarenavirus marientalense</i>	Mariental virus (MRLV)
	<i>Mammarenavirus mecsekense</i>	Mecsek Mountains virus (MEMV)
	<i>Mammarenavirus merinoense</i>	Merino Walk virus (MRWV)
	<i>Mammarenavirus mopeiaense</i>	Mopeia virus (MOPV)
		Morogoro virus (MORV)
	<i>Mammarenavirus ngerengerense</i>	Ngerengere virus (NGEV)
	<i>Mammarenavirus okahandjaense</i>	Okahandja virus (OKAV)
	<i>Mammarenavirus oliverosense</i>	Oliveros virus (OLVV)
	<i>Mammarenavirus paranaense</i>	Paraná virus (PRAV)
	<i>Mammarenavirus piritalense</i>	Pirital virus (PIRV)
	<i>Mammarenavirus praomyidis</i>	mobala virus (MOBV)
	<i>Mammarenavirus ryukyuense</i>	Ryukyu virus (RYKV)
	<i>Mammarenavirus solweziense</i>	Solwezi virus (SOLV)
	<i>Mammarenavirus songeaense</i>	Songea virus (SOGV)
	<i>Mammarenavirus tacaribeense</i>	Tacaribe virus (TCRV)
	<i>Mammarenavirus tamiamiense</i>	Tamiami virus (TMMV)
	<i>Mammarenavirus tietense</i>	Tietê virus (TIEV)
	<i>Mammarenavirus wenzhouense</i>	Wēnzhōu virus (WENV)
	<i>Mammarenavirus whitewaterense</i>	Big Brushy Tank virus (BBRTV)
		Catarina virus (CTNV)
		Skinner Tank virus (SKTV)
		Tonto Creek virus (TTCV)
		Whitewater Arroyo virus (WWAV)

Continued

Table 7. Continued

Genus	Species*	Virus (abbreviation)†
<i>Reptarenavirus</i>	<i>Mammarenavirus xapuriense</i>	Xapuri virus (XAPV)
	<i>Reptarenavirus aurei</i>	Golden Gate virus (GOGV)
	<i>Reptarenavirus californiae</i>	CAS virus (CASV)
	<i>Reptarenavirus commune</i>	tavallinen suomalainen mies virus 2 (TSMV2)
	<i>Reptarenavirus giessenae</i>	University of Giessen virus 1 (UGV1)
		University of Giessen virus 2 (UGV2)
		University of Giessen virus 3 (UGV3)
	<i>Reptarenavirus rotterdamense</i>	ROUT virus (ROUTV)
		University of Helsinki virus 1 (UHV1)
Family Discoviridae [145]		
<i>Orthodiscovirus</i>	<i>Orthodiscovirus coniiellae</i>	Coniothyrium diplodiella negative-stranded RNA virus 1 (CdNSRV1)
		Plasmopara viticola lesion-associated mycobunyavirales-like virus 9 (PvLAMLV9)
	<i>Orthodiscovirus hispaniae</i>	Plasmopara viticola lesion-associated mycobunyavirales-like virus 8 (PvLAMLV8)
	<i>Orthodiscovirus iberiae</i>	Plasmopara viticola lesion-associated mycobunyavirales-like virus 4 (PvLAMLV4)
	<i>Orthodiscovirus missouriense</i>	Penicillium discovirus (PDV)
	<i>Orthodiscovirus oryzae</i>	rice dwarf-associated bunya-like virus (RDABV)
	<i>Orthodiscovirus penicillii</i>	Penicillium roseopurpureum-negative ssRNA virus 1 (PrNssV1)
Family Konkoviridae		
<i>Olpivirus</i>	<i>Olpivirus tulipae</i>	tulip streak virus (TuSV)
Family Leishbuviridae [146]		
<i>Shilevirus</i>	<i>Shilevirus leptomonadis</i>	Leptomonas moramango virus (LEPMV)
Family Mypoviridae [147]		
<i>Hubavirus</i>	<i>Hubavirus myriapedis</i>	Húběi myriapoda virus 5 (HbMV5)
Family Nairoviridae [148]		
<i>Norwavirus</i>	<i>Norwavirus beijiense</i>	Běijí nairovirus (BJNV)
	<i>Norwavirus grotenhoutense</i>	Grotenhout virus (GRHV)
<i>Ocetevirus</i>	<i>Ocetevirus paratemnopterygis</i>	red goblin roach virus 1 (RGRV1)
<i>Orthonairovirus</i>	<i>Orthonairovirus abuhammadense</i>	Abū Ḥammād virus (AHV)
	<i>Orthonairovirus abuminaense</i>	Abū Mīnā virus (AMV)
	<i>Orthonairovirus amblyomae</i>	kupe virus (KUPEV)
	<i>Orthonairovirus antuense</i>	Āntú virus (ANTV)
	<i>Orthonairovirus artashatense</i>	Artashat virus (ARTSV)
	<i>Orthonairovirus australiaense</i>	Vinegar Hill virus (VINHV)
	<i>Orthonairovirus avalonense</i>	Avalon virus (AVAV)
	<i>Orthonairovirus bandiaense</i>	Bandia virus (BDV)
	<i>Orthonairovirus buranaense</i>	Burana virus (BURV)
	<i>Orthonairovirus bushkeyense</i>	Caspiy virus (CASV)

Continued

Table 7. Continued

Genus	Species*	Virus (abbreviation)†
		Farallon virus (FARV)
		Great Saltee virus (GRSV)
		Hughes virus (HUGV)
		Raza virus (RAZAV)
	<i>Orthonairovirus chimense</i>	Chim virus (CHIMV)
	<i>Orthonairovirus clomorensis</i>	Clo Mor virus (CMV; CLMV)
	<i>Orthonairovirus crocidurae</i>	Wūfēng Crocidura attenuata orthonairovirus 1 (WfCAV1)
	<i>Orthonairovirus dermacentoris</i>	Pacific Coast tick nairovirus (PCTNV)
	<i>Orthonairovirus dugbeense</i>	Dugbe virus (DUGV)
	<i>Orthonairovirus erveense</i>	Erve virus (ERVEV)
	<i>Orthonairovirus esteroense</i>	Estero Real virus (ERV)
	<i>Orthonairovirus gossasense</i>	Gossas virus (GOSV)
	<i>Orthonairovirus gubboense</i>	Gubbo nairovirus (GUBV)
	<i>Orthonairovirus haemorrhagiae</i>	Crimean-Congo haemorrhagic fever virus (CCHFV)
	<i>Orthonairovirus hazaraense</i>	Hazara virus (HAZV)
	<i>Orthonairovirus huangpiense</i>	Huángpí tick virus 1 (HpTV1)
	<i>Orthonairovirus issykkulense</i>	Issyk-kul virus (ISKV)
	<i>Orthonairovirus japonicum</i>	tofla virus (TFLV)
	<i>Orthonairovirus kasokeroense</i>	Kasokero virus (KASV; KASOV)
	<i>Orthonairovirus keterehense</i>	Keterah virus (KTRV)
		Uzun-Agach virus (UZAV)
	<i>Orthonairovirus khani</i>	Dera Ghazi Khan virus (DGKV)
	<i>Orthonairovirus lambarenense</i>	lamusara virus (LMSV)
	<i>Orthonairovirus lusakaense</i>	Leopards Hill virus (LPHV)
	<i>Orthonairovirus macquariense</i>	Taggart virus (TAGV)
	<i>Orthonairovirus manidae</i>	pangolin orthonairovirus (PONV)
	<i>Orthonairovirus meihuashanense</i>	Méihuā Mountain virus (MHMV)
	<i>Orthonairovirus meramense</i>	Meram virus (MEMV)
	<i>Orthonairovirus nairobiense</i>	Nairobi sheep disease virus (NSDV)
	<i>Orthonairovirus parahaemorrhagiae</i>	Aigai virus (AIGV)
	<i>Orthonairovirus peruense</i>	Punta Salinas virus (PSV)
	<i>Orthonairovirus qalyubense</i>	Geran virus (GERV)
		Qalyub virus (QYBV)
	<i>Orthonairovirus randallense</i>	Sapphire II virus (SAPV)
	<i>Orthonairovirus sakhalinense</i>	Sakhalin virus (SAKV)
		Tillamook virus (TILLV)
	<i>Orthonairovirus sinense</i>	wawsin virus (WAWV)

Continued

Table 7. Continued

Genus	Species*	Virus (abbreviation)†
	<i>Orthonairovirus soldadoense</i>	Soldado virus (SOLV)
	<i>Orthonairovirus songlingense</i>	Sōnglǐng virus (SGLV)
	<i>Orthonairovirus sulinaense</i>	Sulina virus (SULV)
	<i>Orthonairovirus sunci</i>	cencurut virus (CENV)
	<i>Orthonairovirus tachengense</i>	Tǎchéng tick virus 1 (TcTV1)
	<i>Orthonairovirus thiaforaense</i>	Thiafora virus (TFAV)
	<i>Orthonairovirus tomdiense</i>	Tamdy virus (TAMV)
	<i>Orthonairovirus tunisense</i>	Tunis virus (TUNV)
	<i>Orthonairovirus wenzhouense</i>	Wēnzhōu tick virus (WzTV)
	<i>Orthonairovirus yezoense</i>	Yezo virus (YEZV)
	<i>Orthonairovirus yogueense</i>	Yogue virus (YOGV)
	<i>Orthonairovirus zirkuense</i>	Zirqa virus (ZIRV)
<i>Sabavirus</i>	<i>Sabavirus americanum</i>	South Bay virus (SBV)
<i>Shaspivirus</i>	<i>Shaspivirus aranei</i>	Shāyáng spider virus 1 (SySV1)
<i>Sitinavirus</i>	<i>Sitinavirus sichuanense</i>	Sichuān tick nairovirus (ScTNV)
<i>Striavirus</i>	<i>Striavirus sanxiaense</i>	Sānxiá water strider virus 1 (SxWSV1)
<i>Xinspivirus</i>	<i>Xinspivirus xinzhouense</i>	Xīnzhōu spider virus (XSV)
Family Phenuiviridae [149]		
<i>Bandavirus</i>	<i>Bandavirus albatrossense</i>	Albatross Island virus (ABIV)
	<i>Bandavirus amblyomae</i>	lone star virus (LSV)
	<i>Bandavirus bhanjanagarensis</i>	Bhanja virus (BHAV)
	<i>Bandavirus dabieense</i>	severe fever with thrombocytopenia syndrome virus (SFTSV)
	<i>Bandavirus guertuense</i>	Gùěrtú virus (GTV)
	<i>Bandavirus heartlandense</i>	Heartland virus (HRTV)
	<i>Bandavirus kismaayoense</i>	Kismaayo virus (KISV)
	<i>Bandavirus razdanense</i>	Razdan virus (RAZV)
	<i>Bandavirus zwieselense</i>	Zwiesel bat bandavirus (ZbbV)
<i>Beidivirus</i>	<i>Beidivirus muscae</i>	Húběi diptera virus 3 (HbDV3)
<i>Bocivirus</i>	<i>Bocivirus botrytidis</i>	Botrytis cinerea bocivirus 1 (BcBV1)
	<i>Bocivirus fusarii</i>	Fusarium sibiricum coguvirus 1 (FsCV1)
	<i>Bocivirus trichodermae</i>	Trichoderma gamsii cogu-like virus 1 (TgCLV1)
	<i>Bocivirus viticolum</i>	grapevine-associated cogu-like virus 1 (GaCLV1)
<i>Citricivirus</i>	<i>Citricivirus chongqinense</i>	Aphis citricidus bunyavirus (AcBV)
<i>Coguvirus</i>	<i>Coguvirus chinense</i>	Brassica campestris chinensis coguvirus 1 (BCCoV1)
	<i>Coguvirus chrysanthae</i>	Edgeworthia chrysantha mosaic-associated virus (ECMaV)
	<i>Coguvirus citri</i>	citrus concave gum-associated virus (CCGaV)
	<i>Coguvirus citrulli</i>	watermelon crinkle leaf-associated virus 1 (WCLaV1)

Continued

Table 7. Continued

Genus	Species*	Virus (abbreviation)†
	<i>Coguvirus eburni</i>	citrus virus A (CiVA)
	<i>Coguvirus henanense</i>	watermelon crinkle leaf-associated virus 2 (WCLaV2)
	<i>Coguvirus yunnanense</i>	Yúnnán Paris negative-stranded virus (YPNSV)
<i>Entovirus</i>	<i>Entovirus entoleucae</i>	Entoleuca phenui-like virus 1 (EnPLV1)
<i>Goukovirus</i>	<i>Goukovirus aphalarae</i>	Aphalara polygoni bunya-like virus (ApBLV)
	<i>Goukovirus ceraphri</i>	Ceraphron bunya-like virus (CerBLV)
	<i>Goukovirus cumutoense</i>	Cumuto virus (CUMV)
	<i>Goukovirus gouléakoense</i>	Gouléako virus (GOLV)
	<i>Goukovirus yichangense</i>	Yíchāng insect virus (YcIV)
<i>Horwuvirus</i>	<i>Horwuvirus fitzroyense</i>	Fitzroy Crossing tenui-like virus 1 (FCTenV1)
	<i>Horwuvirus solenopsidis</i>	Solenopsis invicta virus 14 (SINV14)
	<i>Horwuvirus wuhanense</i>	Wūhàn horsefly virus (WhHV)
<i>Hudivirus</i>	<i>Hudivirus muscae</i>	Húběi diptera virus 4 (HbDV4)
<i>Hudovirus</i>	<i>Hudovirus lepidopteris</i>	Húběi lepidoptera virus 1 (HbLV1)
<i>Ixovirus</i>	<i>Ixovirus heckscherense</i>	blacklegged tick virus 1 (BLTV1)
	<i>Ixovirus ixodis</i>	blacklegged tick virus 3 (BLTV3)
	<i>Ixovirus norvegiae</i>	Fairhair virus (FHAV)
<i>Laulavirus</i>	<i>Laulavirus alphaviticulum</i>	grapevine-associated cogu-like virus 2 (GaCLV2)
	<i>Laulavirus betaviticulum</i>	grapevine-associated cogu-like virus 3 (GaCLV3)
	<i>Laulavirus gammaviticulum</i>	grapevine-associated cogu-like virus 4 (GaCLV4)
	<i>Laulavirus laurelense</i>	Laurel Lake virus (LLV)
	<i>Laulavirus wardellense</i>	Wardell virus (WRDV)
<i>Lentinivirus</i>	<i>Lentinivirus lentinulae</i>	Lentinula edodes negative-strand RNA virus 2 (LeNSRV2)
<i>Mechlorovirus</i>	<i>Mechlorovirus cucumeris</i>	melon chlorotic spot virus (MeCSV)
	<i>Mechlorovirus ramuense</i>	Ramu stunt virus (RmSV)
<i>Mobuvirus</i>	<i>Mobuvirus arnae</i>	Euproctis pseudoconspersa bunyavirus (EPBV)
	<i>Mobuvirus mothrae</i>	Mothra virus (MTHV)
	<i>Mobuvirus naranguense</i>	Ñarangué virus (NRGV)
	<i>Mobuvirus stephanocirci</i>	Browner virus (BRWV)
<i>Phasivirus</i>	<i>Phasivirus baduense</i>	Badu virus (BADUV)
	<i>Phasivirus guadeloupeense</i>	Guadeloupe mosquito phasivirus (GMPV)
	<i>Phasivirus hubeiense</i>	Húběi diptera virus 5 (HbDV5)
	<i>Phasivirus parryense</i>	Parry's Creek phasivirus 1 (PCPhasV1)
	<i>Phasivirus phasiense</i>	Phasi Charoen-like virus (PCLV)
	<i>Phasivirus wuhanense</i>	Wūhàn fly virus 1 (WhFV1)
	<i>Phasivirus wutaiense</i>	Wūtái mosquito virus (WtMV)
<i>Phlebovirus</i>	<i>Phlebovirus adanaense</i>	Adana virus (ADAV)

Continued

Table 7. Continued

Genus	Species*	Virus (abbreviation)†
	<i>Phlebovirus aguacateense</i>	Aguacate virus (AGUV)
	<i>Phlebovirus alcubeense</i>	Alcubé virus (ACBV)
	<i>Phlebovirus alenquerense</i>	Alenquer virus (ALEV)
	<i>Phlebovirus almendrasense</i>	Tres Almendras virus (TRAV)
	<i>Phlebovirus ambeense</i>	Ambé virus (ABEV)
	<i>Phlebovirus anhangáense</i>	Anhangá virus (ANHV)
	<i>Phlebovirus arumowotense</i>	Arumowot virus (AMTV)
	<i>Phlebovirus bogoriaense</i>	Bogoria virus (BGRV)
	<i>Phlebovirus buenaventuraense</i>	Buenaventura virus (BUEV)
	<i>Phlebovirus bujaruense</i>	Bujaru virus (BUJV)
	<i>Phlebovirus cacaoense</i>	Cacao virus (CACV)
	<i>Phlebovirus campanaense</i>	Campana virus (CAV)
	<i>Phlebovirus candiruense</i>	Ariquemes virus (ARQV)
		Candirú virus (CDUV)
		Jacundá virus (JCNV)
		Morumbi virus (MRBV; MRMBV)
		Mucura virus (MCRV; MRV)
		Serra Norte virus (SRNV)
	<i>Phlebovirus chagresense</i>	Chagres virus (CHGV)
	<i>Phlebovirus claroense</i>	Rio Claro virus (RICV)
	<i>Phlebovirus cocleense</i>	Coclé virus (CCLV)
	<i>Phlebovirus corfouense</i>	Corfou virus (CFUV)
	<i>Phlebovirus dashliense</i>	Dāshlī virus (DASV)
	<i>Phlebovirus duraniaense</i>	Durania virus (DRNV)
	<i>Phlebovirus echarateense</i>	Echarate virus (ECHV)
	<i>Phlebovirus embossosense</i>	Embossos virus (EMBV)
	<i>Phlebovirus florisense</i>	Saint-Floris virus (SAFV)
	<i>Phlebovirus gabekense</i>	Gabek forest virus (GFV)
	<i>Phlebovirus gloriaense</i>	La Gloria virus (LAGV)
	<i>Phlebovirus gordilense</i>	Gordil virus (GORV)
	<i>Phlebovirus hediense</i>	Hédi virus (HEDV)
	<i>Phlebovirus icoaraciense</i>	Icoaraci virus (ICOV)
	<i>Phlebovirus itaitubaense</i>	Itaituba virus (ITAV)
	<i>Phlebovirus itaporangaense</i>	Itaporanga virus (ITPV)
	<i>Phlebovirus ixcanalense</i>	Ixcanal virus (IXCV)
	<i>Phlebovirus karimabadense</i>	Karimabad virus (KARV)
	<i>Phlebovirus kiborgochense</i>	Kiborgoch virus (KBGV)

Continued

Table 7. Continued

Genus	Species*	Virus (abbreviation)†
	<i>Phlebovirus leticiaense</i>	Leticia virus (LTCV)
	<i>Phlebovirus limboense</i>	frijoles virus (FRIV)
		Joá virus (JOAV)
	<i>Phlebovirus maldonadoense</i>	Maldonado virus (MLOV)
	<i>Phlebovirus massiliaense</i>	Massilia virus (MASV)
	<i>Phlebovirus medjerdaense</i>	Medjerda Valley virus (MVV)
	<i>Phlebovirus monagritaense</i>	Mona Grita virus (MOGV)
	<i>Phlebovirus mukawaense</i>	Mukawa virus (MKWV)
	<i>Phlebovirus mungubaense</i>	Munguba virus (MUNV)
	<i>Phlebovirus napolienne</i>	Arrábida virus (ARRV)
		Balkan virus (BALKV)
		Fermo virus (FERV)
		Granada virus (GRV; GRAV)
		Saddaguia virus (SADV)
		sandfly fever Naples virus (SFNV)
	<i>Phlebovirus niqueense</i>	Nique virus (NIQV)
	<i>Phlebovirus ntepesense</i>	Ntepes virus (NTPV)
	<i>Phlebovirus odrénisrouense</i>	Odrénisrou virus (ODRV)
	<i>Phlebovirus oriximinaense</i>	Oriximiná virus (ORXV)
	<i>Phlebovirus pantanalense</i>	viola virus (VIOV)
	<i>Phlebovirus penablancaense</i>	Peña Blanca virus (PEBV)
	<i>Phlebovirus penshurtense</i>	Penshurt virus (PEHV)
	<i>Phlebovirus perkerraense</i>	Perkerra virus (PKEV)
	<i>Phlebovirus puniqueense</i>	Punique virus (PUNV)
	<i>Phlebovirus riftense</i>	Rift Valley fever virus (RVFV)
	<i>Phlebovirus riograndense</i>	Rio Grande virus (RGV)
	<i>Phlebovirus salangaense</i>	Salanga virus (SLGV)
	<i>Phlebovirus salehabadense</i>	Adria virus (ADRV)
		Arbia virus (ARBV)
		Bregalaka virus (BREV)
		Olbia virus (OLBV)
		Salehabad virus (SALV)
		Zaba virus (ZABAV)
	<i>Phlebovirus saloboense</i>	Salobo virus (SLBOV)
	<i>Phlebovirus siciliaense</i>	sandfly fever Sicilian virus (SFSV)
	<i>Phlebovirus taparaense</i>	Tapará virus (TPRV)
	<i>Phlebovirus tehranense</i>	Tehran virus (THEV)

Continued

Table 7. Continued

Genus	Species*	Virus (abbreviation)†
	<i>Phlebovirus ticoense</i>	Tico virus (TICV)
	<i>Phlebovirus toroense</i>	Capira virus (CAPIV)
		Punta Toro virus (PTV)
	<i>Phlebovirus torosense</i>	Toros virus (TORV)
	<i>Phlebovirus toscanaense</i>	Toscana virus (TOSV)
	<i>Phlebovirus turunaense</i>	Turuna virus (TUAV)
	<i>Phlebovirus uriuranaense</i>	Uriurana virus (URIV)
	<i>Phlebovirus urucuriense</i>	Urucuri virus (URUV)
	<i>Phlebovirus zerdaliense</i>	Zerdali virus (ZERV)
<i>Pidchovirus</i>	<i>Pidchovirus pidgei</i>	Pidgey virus (PGYV)
	<i>Pidchovirus stethori</i>	coleopteran phenui-related virus 308 (CoPrV308)
<i>Rubodvirus</i>	<i>Rubodvirus argentinaense</i>	grapevine Muscat rose virus (GMRV)
	<i>Rubodvirus armeniaense</i>	grapevine Garan dmak virus (GGDV)
	<i>Rubodvirus mali</i>	apple rubbery wood virus 1 (ARWV1)
	<i>Rubodvirus prosserense</i>	apple rubbery wood virus 2 (ARWV2)
<i>Tanzavirus</i>	<i>Tanzavirus daressalaamense</i>	Dar es Salaam virus (DeSV)
<i>Tenuivirus</i>	<i>Tenuivirus echinocloae</i>	Echinochloa hoja blanca virus (EHBV)
	<i>Tenuivirus eurotritici</i>	European wheat striate mosaic virus (EWSMV)
	<i>Tenuivirus festucae</i>	Festuca stripe-associated virus (FSaV)
	<i>Tenuivirus kwazuluense</i>	wheat yellows virus (WhYV)
	<i>Tenuivirus oryzabrevis</i>	rice grassy stunt virus (RGSV)
	<i>Tenuivirus oryzaclavatae</i>	rice stripe virus (RSV; RStV)
	<i>Tenuivirus oryzalbae</i>	rice hoja blanca virus (RHBV)
	<i>Tenuivirus persotritici</i>	Iranian wheat stripe virus (IWSV)
	<i>Tenuivirus pontaense</i>	wheat white spike virus (WWSV)
	<i>Tenuivirus urochloae</i>	Urochloa hoja blanca virus (UHBV)
	<i>Tenuivirus zeae</i>	maize stripe virus (MSV; MStV; MSpV)
<i>Uukuvirus</i>	<i>Uukuvirus dabieshanense</i>	Dàbiéshān tick virus (DbsTV; DBTV; DTV)
	<i>Uukuvirus dermacentoris</i>	American dog tick virus (ADAV)
	<i>Uukuvirus grandarbaudense</i>	Grand Arbaud virus (GAV)
	<i>Uukuvirus hoplandense</i>	Pacific coast tick virus (PACV)
	<i>Uukuvirus huangpiense</i>	Huángpí tick virus 2 (HpTV2)
	<i>Uukuvirus kabutoense</i>	Kabuto mountain virus (KAMV)
	<i>Uukuvirus kaisodiense</i>	Kaisodi virus (KASDV)
	<i>Uukuvirus lihanense</i>	Lìhán tick virus (LITV)
	<i>Uukuvirus macquariense</i>	Precarious Point virus (PPV)
	<i>Uukuvirus rukutamaense</i>	Rukutama virus (RUKV)

Continued

Table 7. Continued

Genus	Species*	Virus (abbreviation)†
	<i>Uukuvirus schmidtii</i>	Nile warbler virus (NIWV)
	<i>Uukuvirus silverwaterense</i>	Silverwater virus (SILV)
	<i>Uukuvirus tachengense</i>	Tǎchéng tick virus 2 (TcTV2)
	<i>Uukuvirus toyoense</i>	Tōyo virus (TOYOV)
	<i>Uukuvirus tyulenyense</i>	Zaliv Terpeniya virus (ZTV)
	<i>Uukuvirus uriae</i>	murre virus (MURV)
	<i>Uukuvirus uukuniemiense</i>	Chizé virus (CHZV)
		Fin V 707 virus (FINV)
		Uukuniemi virus (UUKV)
	<i>Uukuvirus yongjiaense</i>	Yǒngjiǎ tick virus (YONV)
<i>Wenrivirus</i>	<i>Wenrivirus penaei</i>	Mourilyan virus (MoV)
	Family Wupedeviridae [150]	
<i>Wumivirus</i>	<i>Wumivirus millepedae</i>	Wūhàn millipede virus 2 (WhMV2)

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 8. Taxonomy of the order *Articulavirales* (*Negarnaviricota*: *Polyploviricotina*: *Insthoviricetes*) as of April 2024

Genus	Species*	Virus (abbreviation)†
Family Amnoonviridae [151]		
<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 anaemia virus (ISAV)
<i>Mykissvirus</i>	<i>Mykissvirus truttae</i>	rainbow trout orthomyxovirus (RbtOV) steelhead trout orthomyxovirus (SttOV1)
<i>Quarantavirus</i>	<i>Quarantavirus araguariense</i>	Araguari virus (ARAV)
	<i>Quarantavirus chadense</i>	Lake Chad virus (LKCV)
	<i>Quarantavirus johnstonense</i>	Johnston Atoll virus (JAV)
	<i>Quarantavirus quarantense</i>	Quarantavirus (QRFV)
	<i>Quarantavirus tyulekense</i>	Tyulek virus (TLKV); Tjuloc virus
	<i>Quarantavirus 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.

Table 9. Taxonomy of family *Tosoviridae* (*Negarnaviricota*: unassigned) as of April 2024

Genus	Species*	Virus (abbreviation)†
Family Tosoviridae [152]		
<i>Fraservirus</i>	<i>Fraservirus testudinis</i>	turtle fraservirus 1 (TFV1)

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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Author contributions

Conceptualization: J.H.K. Data curation: all authors. Writing – original draft preparation: J.H.K. Writing – review and editing: all authors. Supervision: J.H.K. and H.R.H. Project administration: J.H.K. and H.R.H. All authors reviewed and approved this manuscript.

Conflicts of interest

The authors declare that there are no conflicts of interest.

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