Summary of taxonomy changes ratified by the International Committee on Taxonomy of Viruses (ICTV) from the 2026 Animal dsRNA and ssRNA- viruses Subcommittee

Contents

2025.001M.A.v4.Alpharhabdovirinae_2ng_14nsp

Title: Create 2 new genera and 14 new species in the subfamily *Alpharhabdovirinae,* and move 5 species from the *genus Vesiculovirus* to the new *genus* Chiroprhavirus *(Mononegavirales: Rhabdoviridae)*

Authors: Peter J Walker, Nicolas Bejerman, Kim R Blasdell , Humberto Debat , Ralf G Dietzgen , Anthony R Fooks , Juliana Freitas-Astúa , Kyle Garver, Pedro L Ramos-Gonzáles, Hideki Kondo , Robert B Tesh , Noel Tordo , Nikos Vasilakis , Anna E Whitfield

Summary:
Taxonomic rank(s) affected:
Genera and species in the subfamily *Alpharhabdovirinae, family Rhabdoviridae.*

Description of current taxonomy:
The subfamily *Alpharhabdovirinae* currently comprises 34 genera including 248 species for viruses infecting only vertebrates, only invertebrates, or vertebrate hosts and arthropod vectors.

Proposed taxonomic change(s):
Create the new genus *Chiroprhavirus* and move 5 existing species from the genus *Vesiculovirus* to the new genus.
Create the new genus *Artemrhavirus* to include 1 new species.
Create 1 new species in the genus *Ledantevirus.*
Create 1 new species in the genus *Merhavirus.*
Create 2 new species in the genus *Sigmavirus.*
Create 2 new species in the genus *Ohlsrhavirus.*
Create 2 new species in the genus *Ephemerovirus.*
Create 2 new species in the genus *Betathriprhavirus.*
Create 2 new species in the genus *Alphericinrhavirus.*
Create 1 new species in the *genus Lyssavirus.*

Justification:
Five viruses assigned to five existing species in the genus *Vesiculovirus* are phylogenetically and ecologically distinct from all other members of the genus, justifying their re-assignment to a new genus.

A new virus detected in brine shrimp is phylogenetically and ecologically distinct from the members of other genera in the subfamily *Alpharhabdovirinae,* justifying the creation of a new genus including a single species.
Thirteen other viruses for which complete coding sequences are now available fall phylogenetically within clades representing 8 existing genera and meet demarcation criteria for the creation of new species.

Submitted: 30/05/2025; *Revised:* 19/08/2025

TABLE 1 - *Alpharhabdovirinae*, 16 new taxa*

Operation	Rank	New taxon name	Virus name	Exemplar
New taxon	Genus	*Chiroprhavirus*		
New taxon	Genus	*Artemrhavirus*		
New taxon	Species	*Artemrhavirus blanca*	brine shrimp rhabdovirus 1	OL472789
New taxon	Species	*Sigmavirus cucurbitae*	Zeugodacus cucurbitae sigmavirus 1	OR714907
New taxon	Species	*Sigmavirus bangalore*	Zeugodacus cucurbitae sigmavirus 2	OR714908
New taxon	Species	*Merhavirus corixo*	Corixo rhabdovirus	OQ968277
New taxon	Species	*Ohlsrhavirus bafoussam*	Bafoussam mosquito rhabdovirus	PP764659
New taxon	Species	*Ohlsrhavirus halifaxii*	Culex rhabdo-like virus 2	OQ067690
New taxon	Species	*Ephemerovirus hefer*	Hefer Valley virus	OQ679991
New taxon	Species	*Ephemerovirus hardee*	Hardee County ephemerovirus 1	PQ480188
New taxon	Species	*Alpharicinrhavirus marginatum*	Hyalomma marginatum rhabdovirus	PQ036169
New taxon	Species	*Alpharicinrhavirus isaaci*	Zhanhye rhabd tick virus 1	PQ754346
New taxon	Species	*Betathriprhavirus pamplona*	Orius laevigatus rhabdovirus 2	PP908636
New taxon	Species	*Betathriprhavirus oviedo*	Orius laevigatus rhabdovirus 3	PP908637
New taxon	Species	*Lyssavirus phala*	Phala bat lyssavirus	OQ970171
New taxon	Species	*Ledantevirus hipposideros*	bat ledantevirus 2	PQ541151

TABLE 2 - *Alpharhabdovirinae*, 5 move; rename taxa*

Operation	Rank	New taxon name	Old taxon name	New parent taxon	Old parent taxon
Move; rename taxon	Species	*Chiroprhavirus epitesicus*	*Vesiculovirus eptesicus*	*Chiroprhavirus*	*Vesiculovirus*
Move; rename taxon	Species	*Chiroprhavirus mediterranean*	*Vesiculovirus mediterranean*	*Chiroprhavirus*	*Vesiculovirus*
Move; rename taxon	Species	*Chiroprhavirus rhinolophus*	*Vesiculovirus rhinolophus*	*Chiroprhavirus*	*Vesiculovirus*
Move; rename taxon	Species	*Chiroprhavirus wufeng*	*Vesiculovirus wufeng*	*Chiroprhavirus*	*Vesiculovirus*
Move; rename taxon	Species	*Chiroprhavirus yinshui*	*Vesiculovirus yinshui*	*Chiroprhavirus*	*Vesiculovirus*

2025.002M.Ac.v4.Crustavirus_1nsp

Title: Create one new species in genus *Crustavirus (Mononegavirales: Nyamiviridae)*

Authors: Rebecca M Grimwood, Leo N Zamora, Jessica A Darnley, Lizenn Delisle , Kate S Hutson, Jemma L Geoghegan

Summary:
Taxonomic rank(s) affected: *Mononegavirales;* Nyamiviridae; *Crustavirus*

Description of current taxonomy: There are currently three recognised species in the *Crustavirus genus.*

Proposed taxonomic change(s): Establishment of one new species in the genus *Crustavirus* for Red rock lobster virus, identified in a spiny lobster *(Jasus edwardsii* (Hutton, 1875)) from New Zealand.

Justification: While there are no current species demarcation criteria for viruses from the *Nyamiviridae* beyond phylogeny and host, the divergence of the coding-complete genome sequences of Red rock lobster virus, phylogenetic placement, and the novel host of the virus suggests it to be a new species in the *Crustavirus* genus.

Submitted: 04/05/2025; *Revised:* —

TABLE 3 - *Crustavirus*, 1 new taxon*

Operation	Rank	New taxon name	Virus name	Exemplar
New taxon	Species	*Crustavirus jasusedwardsii*	Red rock lobster virus	PQ440166

2025.003M.N.v2.Konkoviridae_5nsp

Title: Create five new species in the genus *Olpivirus (Hareavirales: Konkoviridae]*

Authors: Yutaro Neriya, Timo M Breit, Laura Miozzi, Anna M Vaira, Yasuhiro Tomitaka, Takahide Sasaya

Summary:Taxonomic rank(s) affected: Species

Description of current taxonomy:
Two virus species are currently classified in the genus *Olpivirus,* infect tulip and lettuce plants. The assignment of viruses to this genus is based on the placement of the viruses on a Neighbor-joining tree inferred from the complete RdRP protein sequences.

Proposed taxonomic change(s):
Classify five newly discovered konkoviruses into the new species in the *genus Olpivirus.*

Justification:
Recently, five new putative konkoviruses were discovered. We propose the creation of five new species within the genus *Olpivirus.*

Submitted: 06/05/2025; *Revised:* —

TABLE 4 - *Konkoviridae*, 5 new taxa*

Operation	Rank	New taxon name	Virus name	Exemplar
New taxon	Species	*Olpivirus freesiae*	Freesia konkovirus 1	RNA1: PQ490803; RNA2: PQ490804; RNA3: PQ490805; RNA4: PQ490806
New taxon	Species	*Olpivirus lachenaliae*	Lachenalia Phenuivirus 1	RNA1: PQ067367; RNA2: PQ067368; RNA3: PQ067369; RNA4: PQ067370
New taxon	Species	*Olpivirus soli*	soil associated konkovirus	RNA1: BK070195; RNA2: BK070196; RNA3: BK070197; RNA4: BK070198
New taxon	Species	*Olpivirus tripterocalicis*	Tripterocalyx associated konkovirus 1	RNA1: BK070397; RNA2: BK070398; RNA3: BK070399
New taxon	Species	*Olpivirus waitziae*	Waitzia associated konkovirus 1	RNA1: BK070191; RNA2: BK070192; RNA3: BK070193; RNA4: BK070194

2025.004M.A.v3.Lispiviridae_1ng_6nsp

Title: Create one new genus and six new species in the family *Lispiviridae (Mononegavirales)*

Authors: Jun-Min Li, Gong-Yin Ye, Fei Wang, Zhuang-Xin Ye,

Summary:
Taxonomic rank(s) affected:
Genus and species in the *family Lispiviridae.*

Description of current taxonomy:
Currently, the family *Lispiviridae* includes 30 genera and 45 species according to ICTV Master Species List (MSL40.v1).

Proposed taxonomic change(s):
We propose the creation of 1 new genus and 6 new species to be included in mononegaviral *family Lispiviridae.*

Justification:
Genus (and species) demarcation is proposed to be based on coding-complete genome sequence analyses, phylogenetic analyses, and pairwise sequence comparisons similar to established genus/species demarcation criteria for other mononegaviral families.

Submitted: 23/05/2025; *Revised:* 18/09/2025

TABLE 5 - *Lispiviridae*, 7 new taxa*

Operation	Rank	New taxon name	Virus name	Exemplar
New taxon	Genus	*Crocevirus*		
New taxon	Species	*Crocevirus donghaiense*	Crocidura lasiura lispivirus 2	PP272508

New taxon	Species	*Coroavirus crysecense*	Cryptotermes secundus lispivirus 1	BK067115
New taxon	Species	*Copasivirus macbelense*	Macrotermes bellicosus lispivirus 1	BK067117
New taxon	Species	*Copasivirus macnatense*	Macrotermes natalensis lispivirus 1	BK067120
New taxon	Species	*Copasivirus macsubense*	Macrotermes subhyalinus lispivirus 1	BK067121
New taxon	Species	*Robevirus illinense*	Empoasca fabae lispivirus 1	PP946284

2025.005M.Ac.v3.Peropuvirus_1nsp

Title: Create a new species in genus *Peropuvirus (Mononegavirales: Artoviridae)*

Authors: Arnfinn L. Økland, Jens H. Kuhn, Gongyin Ye, Nikolaos Vasilakis

Summary:
Taxonomic rank(s) affected:
Species in the *family Artoviridae.*

Description of current taxonomy:
The family *Artoviridae* currently includes two genera, *Hexartovirus* (4 species) and *Peropuvirus* (9 species).

Proposed taxonomic change(s):
Create one new species in the *genus Peropuvirus.*

Justification:
The virus proposed to be assigned to the novel species encodes an L protein with a minimum amino acid divergence of 51.9 % compared to classified family members and occupies a distinct ecological niche.

Submitted: 19/06/2025; *Revised:* 19/08/2025

TABLE 6 - *Peropuvirus*, 1 new taxon*

Operation	Rank	New taxon name	Virus name	Exemplar
New taxon	Species	*Peropuvirus crocidurae*	Crocidura shantungensis peropuvirus 1	PP272484

2025.006M.Ac.v4.Phasmaviridae_4nsp

Title: Create four new species in the family *Phasmaviridae*

Authors: Matthew J Ballinger, Sandra Junglen, Lander De Coninck

Summary:
Taxonomic rank(s) affected:
Species in the *family Phasmaviridae.*

Description of current taxonomy:
The family *Phasmaviridae* includes 32 species organized across seven genera.

Proposed taxonomic change(s):
Create four new species in the family *Phasmaviridae.*

Justification:
Coding-complete virus genome sequences are available to justify creation of four new species. Each exhibits < 95% L protein amino acid sequence identity to other exemplar viruses in the family *Phasmaviridae.*

Submitted: 13/06/2025; *Revised:* 18/09/2025

TABLE 7 - *Phasmaviridae*, 4 new taxa*

Operation	Rank	New taxon name	Virus name	Exemplar
New taxon	Species	*Wuhivirus inferensa*	Sanya sesamia inferens phasmavirus 1	L: MZ209951; M: MZ209952; S: MZ209953
New taxon	Species	*Orthophasmavirus vrasenense*	Culex orthophasmavirus 2	L: PP076545; M: PP076550; S: PP076548
New taxon	Species	*Orthophasmavirus vitinea*	Lobesia botrana phasmavirus	L: BK067724; M: BK067725; S: BK067726
New taxon	Species	*Orthophasmavirus lycotinea*	Tuta absoluta phasmavirus 1	L: PQ655392; M: PQ655393; S: PQ655394

2025.007M.Ac.v3.Phenuiviridae_1ng_3nsp

Title: Create one new genus, and three new species in the family *Phenuiviridae.*

Authors: Holly R. Hughes, Takahide Sasaya, Gustavo Palacios, Thomas Briese, Cécile Desbiez, Francesco Di Serio, Dimitre Mollov, Yutaro Neriya, Jin-Won Song, Yasuhiro Tomitaka, Massimo Turina

Summary:
Taxonomic rank(s) affected:
Genus and species in the *family Phenuiviridae.*

Description of current taxonomy:
In the family *Phenuiviridae,* there are currently 23 genera and 159 species.

Proposed taxonomic change(s):
Create one new genus *Fusavirus,* including three new species for phenuiviridis detected in fungi.

Justification:
The three viruses create a well-supported monophyletic clade separated phylogenetically from other existing genera within the family *Phenuiviridae.*

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TABLE 8 - *Phenuiviridae*, 4 new taxa*

Operation	Rank	New taxon name	Virus name	Exemplar

New taxon	Genus	*Fusavirus*		
New taxon	Species	*Fusavirus alternariae*	Alternaria tenuissima negative-stranded RNA virus 2	L: MK584855; M: BK061363; S: BK061364
New taxon	Species	*Fusavirus yangzi*	Fusarium asiaticum mycobunyavirus 1	L: MZ969068; M: MZ969069; S: MZ969070
New taxon	Species	*Fusavirus sclerotiniae*	Sclerotinia sclerotiorum negative-stranded RNA virus 5	L: KF913892; M: BK061361; S: BK061362

2025.008M.Ac.v4.Phenuiviridae_62nsp+1asp

Title: Establish 62 new species and abolish one species in the family *Phenuiviridae*

Authors: Yasuhiro Tomitaka, Thomas Briese, Cécile Desbiez, Francesco Di Serio, Jens H. Kuhn, Dimitre Mollov, Yutaro Neriya, Jin-Won Song, Massimo Turina, Gustavo Palacios, Takahide Sasaya

Summary:Taxonomic rank(s) affected: Species

Description of current taxonomy:
Negarnaviricota, Polyplovircotina, Bunyaviricetes, Hareavirales, *Phenuiviridae*
The family *Phenuiviridae* currently includes 23 genera and 159 species.

Proposed taxonomic change(s):
Establish 62 new species in 14 established genera in the *family Phenuiviridae* and abolish one species in *the genus Laulavirus* in the *family Phenuiviridae.*

Justification:
The 62 newly discovered phenuivirids are proposed to be classified into new species in 14 phenuivirid genera on the base of phylogenetic trees constructed from their deduced RNA-directed RNA polymerase (RdRP) amino acid sequences identities. One species was abolished due to the absence of a coding-complete genome sequence of its virus.

Submitted: 07/06/2025; *Revised:* 19/10/2025

TABLE 9 - *Phenuiviridae*, 62 new taxa*. Table too large, see supplementary information sheet supp_info_tab_9

TABLE 10 - *Phenuiviridae*, 1 abolish taxon*

Operation	Rank	Abolished taxon name
Abolish taxon	Species	*Laulavirus wardellense*

2025.009M.Ac.v4.Rhabdoviridae_4nsp

Title: Create 2 new species in the genus *Betaplatrhavirus,* 1 new species in the genus *Alphacrustrhavirus* and 1 new species in the genus *Novirhabdovirus (Mononegavirales: Rhabdoviridae)*

Authors: Peter J Walker, Nicolas Bejerman, Kim R Blasdell , Humberto Debat , Ralf G Dietzgen , Anthony R Fooks , Juliana Freitas-Astúa , Kyle Garver, Pedro L Ramos-Gonzáles, Hideki Kondo , Robert B Tesh , Noel Tordo , Nikos Vasilakis , Anna E Whitfield

Summary:
Taxonomic rank(s) affected:
Species in the *family Rhabdoviridae.*

Description of current taxonomy:
The genus *Betaplatrhavirus* is not assigned to a subfamily. It currently includes 12 species for viruses detected in platyhelminth parasites, or in gill, gut or anal swab samples taken from vertebrates.
The subfamily *Deltarhabdovirinae* currently comprises 11 genera including 38 species for viruses detected in invertebrates. These include 2 species in the genus *Alphacrustrhavirus* for viruses detected in crustaceans.
The subfamily *Gammarhabdovirinae* currently comprises 2 genera including 4 species in the genus *Novirhabdovirus* for viruses infecting or detected in ray-finned fish and 1 species in the genus *Margarhavirus* for a virus detected in freshwater molluscs.

Proposed taxonomic change(s):
Create 2 new species in the genus *Betaplatrhavirus.*
Create 1 new species in the genus *Alphacrustrhavirus.*
Create 1 new species in the *genus Novirhabdovirus.*

Justification:
Four viruses for which complete coding sequences are now available fall phylogenetically within clades representing these three genera and meet demarcation criteria for the creation of new species.

Submitted: 30/05/2025; *Revised:* 19/08/2025

TABLE 11 - *Rhabdoviridae*, 4 new taxa*

Operation	Rank	New taxon name	Virus name	Exemplar
New taxon	Species	*Novirhabdovirus carpione*	carpione rhabdovirus	LC630942
New taxon	Species	*Alphacrustrhavirus vison*	mink stool-associated rhabdovirus	PQ182562
New taxon	Species	*Betaplatrhavirus pipistrellus*	bat-associated rhabdovirus 1	OR951391
New taxon	Species	*Betaplatrhavirus robustula*	bat-associated rhabdovirus 3	OR951389

2025.010M.N.v3.Tupavirus_1nsp

Title: Create one new species in the genus *(Mononegavirales:*)

Authors: Oksana Vernygora, Laura Bourque, Megan EB Jones, Ole Nielsen, Carissa Embury-Hyatt, Estella Moffat, Tonya Wimmer, Oliver Lung

Summary:
Taxonomic rank(s) affected:
Create a new species in the *Tupavirus* genus *(Mononegavirales:*) based on the recently sequenced dolphin tupavirus (DTV).

Description of current taxonomy:
Currently, *Tupavirus* genus comprises nine recognized species (ICTV Master Species List 40v1, 2025) described from various terrestrial mammal and avian hosts such as bats, tree shrews, rodents, and coots.

Proposed taxonomic change(s):

We propose the creation of a new species in the *Tupavirus* genus *(Mononegavirales:*) based on the recently sequenced dolphin tupavirus (DTV). The sequence was obtained from the post-mortem brain tissue of a stranded Atlantic white-sided dolphin *(Lagenorhynchus acutus).* We suggest the species name *Tupavirus delphini* in line with the new binomial species nomenclature and the specific epithet derived from the Latin for dolphin.

Justification:
The assembled DTV genome has a typical rhabdovirus structure including the coding regions for five proteins (N, P, M, G, and L) and an additional putative small hydrophobic protein (SH). The nucleotide BLAST search showed that the closest match was the member of the *Tupavirus* genus, Wenzhou Myotis laniger tupavirus 1 (GenBank accession OM030290.1), having an overall 50.72% genome-wide nucleotide identity. Amino acid sequence divergence in the N protein between the DTV and the closest BLAST match (Wufeng bat tupavirus 2; GenBank accession OQ715690.1) was 45.12%. Amino acid sequence divergence between the DTV and the closest BLAST match was 69.38% (Wufeng bat tupavirus 2; GenBank accession OQ715690.1) and 44.64% (Klamath virus; GenBank accession KM204999.1) in the G and L proteins, respectively. Dolphin tupavirus is the first known member of the *Tupavirus* genus described from an aquatic mammal host.

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TABLE 12 - *Tupavirus*, 1 new taxon*

Operation	Rank	New taxon name	Virus name	Exemplar
New taxon	Species	*Tupavirus delphini*	dolphin tupavirus	PV683224

2025.011M.Ac.v3.Xinmoviridae_5ng_5nsp

Title: Create five new genera and five new species in the family *Xinmoviridae,* order: *Mononegavirales*

Authors: Stephen R Sharpe, Binit Lamichhane, Luis Hernández-Pelegrín

Summary:Taxonomic rank(s) affected: This affects the genera and species ranks *of* the *family Xinmoviridae.*

Description of current taxonomy: The family *Xinmoviridae* is currently made up of 22 genera and 25 species.

Proposed taxonomic change(s): We propose the demarcation of 5 new genera and 5 new species within the *family Xinmoviridae.*

Justification: We have based this proposal on the current demarcation criterion for species: Members of different species within a genus have RdRP amino acid identities of 66% or less, and genus: Members of different genera have RdRP amino acid identities of 60% or less.

Thus, based on the phylogenetic analysis shown in Figure 1 and BLAST match data in Table 1, we propose the demarcation of 5 new genera and 5 new species.

Submitted: 06/09/2025; *Revised:* 19/08/2025

TABLE 13 - *Xinmoviridae*, 10 new taxa*

Operation	Rank	New taxon name	Virus name	Exemplar
New taxon	Genus	*Actovirus*		

New taxon	Species	*Actovirus hainanense*	Bactrocera dorsalis borna-like virus	MN745081
New taxon	Genus	*Yahinvirus*		
New taxon	Species	*Yahinvirus chinaense*	Guiyang xinmovirus 1	MZ209642
New taxon	Genus	*Hyatvirus*		
New taxon	Species	*Hyatvirus russiaense*	Medvezhye haematopota xinmo-like virus	OR724669
New taxon	Genus	*Opavirus*		
New taxon	Species	*Opavirus hayense*	Soldier fly-associated anphevirus	PP410010
New taxon	Genus	*Omyavirus*		
New taxon	Species	*Omyavirus bahiaense*	Forcipomyiae 1 virus	BK063245

2025.012M.Ac.v2.Spinareoviridae_1nsp

Title: Create a new species in the genus *Dinovernavirus (Reovirales: Spinareoviridae)*

Authors: Qun Wu, Fei Wang, Shunlong Wang, Zhiming Yuan, Han Xia

Summary:Taxonomic rank(s) affected:
Species in the *family Spinareoviridae.*

Description of current taxonomy:
The *Spinareoviridae* family includes nine genera: *Aquareovirus* (7 species), *Coltivirus* (5 specie), *Cypovirus* (16 species), *Dinovernavirus* (1 species), *Fijivirus* (9 species), *Idnoreovirus* (5 species), *Mycoreovirus* (3 species), *Orthoreovirus* (10 species), *Oryzavirus* (2 species).

Proposed taxonomic change(s):
We propose the creation of one new species in the *genus Dinovernavirus.*

Justification:
The proposed species is distinct based on coding-complete genome sequence analyses, phylogenetic analyses, and pairwise sequence comparisons to established species in the family *Spinareoviridae.*

Submitted: —; *Revised:* 19/08/2025

TABLE 14 - *Spinareoviridae*, 1 new taxon*

Operation	Rank	New taxon name	Virus name	Exemplar
New taxon	Species	*Dinovernavirus albopictus*	Aedes albopictus reovirus	S1: PV842502; S2: PV842503; S3: PV842504; S4: PV842505; S5: PV842506; S6: PV842507; S7: PV842508; S8: PV842509; S9: PV842510