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NOTE: THIS DOCUMENT INCLUDES ALL VIRUS GENERA KNOWN TO INFECT VERTEBRATE HOSTS ACCORDING TO THE 8TH REPORT OF THE INTERNATIONAL COMMITTEE ON THE TAXONOMY OF VIRUSES. PAGE NUMBERS REFER TO PAGES IN THE REPORT CORRESPONDING TO EACH GENUS.

Family	Genus[*]	Start page	Complete?[†]
(dsDNA viruses)			
Poxviridae			
Chordopoxvirinae			
	<i>Orthopoxvirus</i>	122	completed
	<i>Parapoxvirus</i>	123	completed
	<i>Avipoxvirus</i>	124	avian
	<i>Capripoxvirus</i>	125	completed
	<i>Leporipoxvirus</i>	126	completed
	<i>Suipoxvirus</i>	127	completed
	<i>Molluscipoxvirus</i>	127	human
	<i>Yatapoxvirus</i>	128	completed
Unassigned			
	Unassigned	132	completed
Asfarviridae			
	<i>Asfivirus</i>	135	completed

* Genera listed in bold are those that include virus species in the database.

[†] If searches were not done for a genus, the reason for exclusion is given (eg, if no virus species in the genus are known to infect mammals, if all virus species in the genus are thought to be maintained through continuous transmission in humans, or if all virus species in the genus require co-infection with another virus species to complete the replication cycle).

Iridoviridae			
	<i>Ranavirus</i>	154	amphib/fish
	<i>Lymphocystivirus</i>	156	fish
	<i>Megalocytivirus</i>	158	fish
	Unassigned	160	ectotherms
Herpesviridae			
Alphaherpesvirinae			
	<i>Simplexvirus</i>	199	completed
	<i>Varicellovirus</i>	200	completed
	<i>Mardivirus</i>	201	avian
	<i>Iltovirus</i>	202	avian
	Unassigned	202	completed
Betaherpesvirinae			
	<i>Cytomegalovirus</i>	203	completed
	<i>Muromegalovirus</i>	204	completed
	<i>Roseolovirus</i>	204	human
	Unassigned	205	completed
Gammaherpesviridae			
	<i>Lymphocryptovirus</i>	205	completed
	<i>Rhadinovirus</i>	206	completed
	Unassigned	207	completed
Unassigned			
	<i>Ictalurivirus</i>	208	fish
	Unassigned	208	completed
Unassigned			
	<i>Mimivirus</i>	275	completed
Adenoviridae			
	<i>Mastadenovirus</i>	213	completed
	<i>Aviadenovirus</i>	221	avian
	<i>Atadenovirus</i>	223	completed
	<i>Siadenovirus</i>	225	avian/reptilian
	Unassigned	226	fish
Polyomaviridae			
	<i>Polyomavirus</i>	231	completed
Papillomavirus			
	<i>Alphapapillomavirus</i>	239	human
	<i>Betapapillomavirus</i>	245	human
	<i>Gammapapillomavirus</i>		human
	<i>Deltapapillomavirus</i>	247	completed
	<i>Epsilonpapillomavirus</i>		completed
	<i>Zetapapillomavirus</i>	247	completed
	<i>Etapapillomavirus</i>	248	avian

	<i>Thetapapillomavirus</i>	248	avian
	<i>Iotapapillomavirus</i>	249	completed
	<i>Kappapapillomavirus</i>	249	completed
	<i>Lambdapapillomavirus</i>		completed
	<i>Mupapillomavirus</i>	250	human
	<i>Nupapillomavirus</i>	250	human
	<i>Xipapillomavirus</i>	251	completed
	<i>Omikronpapillomavirus</i>		completed
	<i>Pipapallomavirus</i>	251	completed
	Unassigned	252	completed
<i>(ssDNA viruses)</i>			
Circoviridae	<i>Circovirus</i>	328	completed
	<i>Gyrovirus</i>	331	completed
Unassigned			
	<i>Anellovirus</i>	335	completed
Parvoviridae			
Parvovirinae			
	<i>Parvovirus</i>	358	completed
	<i>Erythrovirus</i>	360	completed
	<i>Dependovirus</i>	361	completed
	<i>Amdovirus</i>	363	completed
	<i>Bocavirus</i>	364	completed
<i>(reverse transcribing viruses)</i>			
Hepadnaviridae			
	<i>Orthohepadnavirus</i>	379	completed
	<i>Avihepadnavirus</i>	382	avian
	Unassigned	383	completed
Retroviridae			
Orthoretrovirinae			
	<i>Alpharetrovirus</i>	425	compeled
	<i>Betaretrovirus</i>	427	completed
	<i>Gammaretrovirus</i>	428	completed
	<i>Deltaretrovirus</i>	431	completed
	<i>Epsilonretrovirus</i>	432	completed
	<i>Lentivirus</i>	433	completed
Spumaretrovirus			
	<i>Spumavirus</i>	437	completed
<i>(dsRNA viruses)</i>			

Reoviridae			
	<i>Orthoreovirus</i>	455	completed
	<i>Orbivirus</i>	466	completed
	<i>Rotavirus</i>	484	completed
	<i>Coltivirus</i>	497	completed
	<i>Seadornavirus</i>	504	completed
	<i>Aquareovirus</i>	511	fish/inverts
Birnaviridae			
	<i>Aquabirnavirus</i>	565	fish/invert
	<i>Avibirnavirus</i>	566	avian
	Unassigned	567	fish/invert
(negative-stranded ssRNA viruses)			
Bornaviridae			
	<i>Bornavirus</i>	615	completed
Rhabdoviridae			
	<i>Vesiculovirus</i>	629	completed
	<i>Lyssavirus</i>	630	completed
	<i>Ephemerovirus</i>	633	completed
	<i>Novirhabdovirus</i>	635	fish
	Unassigned	639	completed
Filoviridae			
	<i>Marburgvirus</i>	650	completed
	<i>Ebolavirus</i>	651	completed
Paramyxoviridae			
Paramyxovirinae			
	<i>Rubulavirus</i>	659	completed
	<i>Avulavirus</i>	661	completed
	<i>Respirovirus</i>	662	completed
	<i>Henipavirus</i>	663	completed
	<i>Morbillivirus</i>	663	completed
Pneumovirinae			
	<i>Pneumovirus</i>	665	completed
	<i>Metapneumovirus</i>	666	completed
Unassigned			
	Unassigned	666	completed
Orthomyxoviridae			
	<i>Influenzavirus A</i>[‡]	685	human

[‡] *Influenzavirus A* is considered to be maintained in humans due to the fact that some strains are continuously transmitted in humans, despite the fact that avian hosts are the primary reservoir of genetic diversity. Primary analyses are performed with Influenza A

	<i>Influenzavirus B</i>	687	human
	<i>Influenzavirus C</i>	688	human
	<i>Thogotovirus</i>	689	completed
	<i>Isavirus</i>	691	fish
Bunyaviridae			
	<i>Orthobunyavirus</i>	699	completed
	<i>Hantavirus</i>	704	completed
	<i>Nairovirus</i>	707	completed
	<i>Phlebovirus</i>	709	completed
	Unassigned	713	completed
Arenaviridae			
	<i>Arenavirus</i>	725	completed
Unassigned			
	<i>Deltavirus</i>	735	dependent
<i>(positive-stranded ssRNA viruses)</i>			
Picornaviridae			
	<i>Enterovirus</i>	760	completed
	<i>Rhinovirus</i>	764	completed
	<i>Cardiovirus</i>	767	completed
	<i>Aphthovirus</i>	768	completed
	<i>Hepatovirus</i>	770	completed
	<i>Parechovirus</i>	771	completed
	<i>Erbovirus</i>	772	completed
	<i>Kobuvirus</i>	773	completed
	<i>Teschrovirus</i>	774	completed
	Unassigned	775	completed
Caliciviridae			
	<i>Lagovirus</i>	846	completed
	<i>Norovirus</i>	847	completed
	<i>Sapovirus</i>	848	completed
	<i>Vesivirus</i>	848	completed
	Unassigned	849	completed
Unassigned			
	<i>Hepevirus</i>	853	completed
Astroviridae			
	<i>Avastrovirus</i>	861	avian
	<i>Mamastrovirus</i>	861	completed

excluded from the database; however, all analyses were also repeated with Influenza A included in the dataset to determine the robustness of the observed results. See text for details and results.

Nodaviridae	<i>Betanodavirus</i>	869	fish
Coronaviridae	<i>Coronavirus</i>	947	completed
	<i>Torovirus</i>	956	completed
Arteriviridae	<i>Arterivirus</i>	965	completed
Flaviviridae	<i>Flavivirus</i>	981	completed
	<i>Pestivirus</i>	988	completed
	<i>Hepacivirus</i>	993	completed
	Unassigned	996	completed
Togaviridae	<i>Alphavirus</i>	999	completed
	<i>Rubivirus</i>	1006	completed
<i>(unassigned vertebrate viruses)</i>			
Araguari virus		1131	completed
Johnston Atoll virus		1131	completed
Anymanini virus		1131	completed
Quaranfil virus		1132	completed