

Viral Taxonomy

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Family	Subfamily	Genus	Species Pathogenic for Humans (No. of Members)
RNA Viruses			
Picornaviridae		Enterovirus	Polioviruses (3) Coxsackie A viruses (23) Coxsackie B viruses (6) Echoviruses (31) Enteroviruses 68-71 (4)
Caliciviridae		Heparnavirus	Hepatitis A virus (enterovirus 72) (1)
		Rhinovirus	Common cold viruses (>115)
		Calicivirus	Norwalk and Norwalk-like gastroenteritis viruses (many)
		Hepevirus	Hepatitis E virus (enterically transmitted non-A, non-B hepatitis) (1)
Reoviridae		Orbivirus	Colorado tick fever (1) and Kemerovo viruses (1)
		Rotavirus	Human rotaviruses (>6)
Togaviridae		Alphavirus	Western, Eastern, and Venezuelan equine encephalitis viruses, Sindbis and Semliki Forest viruses (group A arboviruses, mosquito-borne viruses) (23)
Flaviviridae		Rubivirus	Rubella virus (1)
		Flavivirus	St. Louis, Japanese B, and Murray Valley encephalitis viruses; yellow fever, dengue, and West Nile fever viruses (group B arboviruses, mosquito-borne viruses) (26) Kyasanur Forest disease, Omsk hemorrhagic fever, European and Far Eastern tick-borne encephalitis (tick-borne viruses) (11) Vector-unassociated viruses (17)
		Hepacavirus	Hepatitis C virus (parenterally transmitted non-A, non-B hepatitis)
Orthomyxoviridae		Influenzavirus	Influenza virus types A (many), B (several) and C (1)
Paramyxoviridae		Paramyxovirus	Parainfluenza viruses (4) Mumps virus (1) Measles virus (1) Respiratory syncytial virus (1)
Rhabdoviridae		Morbillivirus	Measles virus (1)
		Pneumovirus	Respiratory syncytial virus (1)
		Lyssavirus	Rabies virus (1)
Filoviridae		Filovirus	Marburg (1) and Ebola viruses (2)
Coronaviridae		Coronavirus	Human coronaviruses (2)

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Family	Subfamily	Genus	Species Pathogenic for Humans (No. of Members)
RNA Viruses (Continued)			
Bunyaviridae		Bunyavirus	Bunyamwera virus (Bunyamwera serogroup), California encephalitis, and LaCrosse viruses (California serogroup) Viruses of other serogroups (>145)
		Phlebovirus	Sandfly fever viruses, Rift Valley fever virus (>30)
		Nairovirus	Crimean-Congo hemorrhagic fever virus Viruses of five other serogroups (>27)
		Uukuvirus	Uukuniemi and other viruses (7)
		Hantavirus	Hantaan virus (Korean hemorrhagic fever or hemorrhagic fever with renal syndrome) (many)
Retroviridae	Oncovirinae	Type C oncovirus	Human T-cell leukemia-associated virus types I and II (>2)
	Lentivirinae	Lentivirus	Human immunodeficiency viruses 1 and 2 (2)
Arenaviridae		Arenavirus	Lymphocytic choriomeningitis virus (1) Lassa fever virus (1) Junin (Argentine hemorrhagic fever virus) Machupo (Bolivian hemorrhagic fever virus)
DNA Viruses			
Parvoviridae		Parvovirus	Human parvovirus B19 (erythema infectiosum, or fifth disease) and RA-1 (>2)
Papovaviridae		Papillomavirus	Papilloma viruses (many)
		Polyomavirus	BK and JC viruses (2)
Adenoviridae		Mastadenovirus	Adenoviruses (42)
Hepadnaviridae		Hepadnavirus	Hepatitis B virus (1)
Herpesviridae	Alphaherpesvirinae	Simplexvirus	Herpes simplex virus, types 1 and 2 (2)
		Varicellovirus	Varicella-zoster virus (1)
	Betaherpesvirinae	Cytomegalovirus	Cytomegalovirus (1)
		HHV-6	Human herpesvirus 6 (lymphotropic human herpesvirus) (1)
Poxviridae	Gammaherpesvirinae	Lymphocryptovirus	Epstein-Barr virus (1)
	Chordopoxviridae	Orthopoxvirus	Vaccinia virus (1) Smallpox virus (variola) (1)
		Parapoxvirus	Orf virus (?) Virus of milker's nodule (1)
		Yatapoxvirus	Yaba- and tanapox viruses (2)
		Molluscipoxvirus	Molluscum contagiosum virus (1)