

Group I: ds DNA Viruses

Family	Genus	Viruses
Poxviridae	Othopoxvirus	Vaccinia virus, mousepox virus, Cowpox virus, buffalopox virus
	Parapoxvirus	ORF virus, pseudo-cowpox virus, bovine papular stomatitis virus
	Capripoxvirus	Sheeppox virus, goatpox virus, lumpy skin virus
	Avipoxvirus	Fowlpox virus, Pigeonpox virus, turkeypox virus, Canarypox virus
	Lepripoxvirus	Fibroma virus, myxoma virus
	Suipoxvirus	Swine pox virus
	Molluscipoxvirus	Molluscum contagiosum virus
	Yatapoxvirus	Corcodile pox virus, Dolphin pox virus, kangaroo pox virus
Adenoviridae	Mastadenovirus	Human adenovirus C, equine, bovine, ovine, caprine adenoviruses
	Aviadenovirus	Fowl adenovirus A, B, C, D and E
	Atadenovirus	EDS, Snake adenovirus
	Siadenovirus	Turkey hemorrhagic enteritis virus
Asfarviridae	Asfivirus	African swine fever virus
Herpesviridae	Simplexvirus	Human herpesvirus 1
	Varicellovirus	Human herpes virus 3
	Marek's disease like viruses	
	Infectious laryngo-trachitis like viruses	
	Cytomegalovirus	Human herpes virus 5
	Muromegalovirus	Murine herpes virus 1
	Roseolovirus	Human herpes virus 6
	Lymphocryptovirus	Human herpes virus 4
Rhadinovirus	Simian herpes virus 2	
Polyomaviridae	Polyomavirus	Simian virus 40
Papillomaviridae	papillomavirus	Cotton tail rabbit papilloma virus

Group II: ss DNA Viruses

Parvoviridae	Parvovirus	Mice minute virus, canine parvovirus
	Erythrovirus	B 19 virus
	Dependovirus	Adeno-associated virus 2

Group III: ds RNA Viruses

Birnaviridae	Avibirnavirus	Infectious bursal disease virus
	Aquabirnavirus	Infectious pancreatic necrosis virus
	Entomobirnavirus	Dorsophila X virus
Reoviridae	Orthoreoviridae	Reoviruses of mammals, birds
	Rotavirus	Human, bovine, rotavirus

Reoviridae	Orbivirus	Blue tongue virus, African horse sickness virus
Continued	Coltivirus	Colorado tick fever virus
	Aquareovirus	Golden shiner virus
Totiviridae	Giardiavirus	Giardia lamblia virus
	Leishmanivirus	Leishmania RNA virus 1

Group IV: +ve sense ss RNA Viruses

Coronaviridae	Coronavirus	Avian infectious bronchitis virus, Feline infectious peritonitis virus, Transmissible gastroenteritis virus, Neonatal calf diarrhea virus, Canine coronavirus, severe acute respiratory syndrome (SARS) virus
	Torovirus	Equine torovirus
	Arterivirus	Equine arteritis virus
Flaviviridae	Flavivirus	Yellow fever virus, West Nile fever virus, Dengue fever virus
	Pestivirus	BVD virus, Swine fever virus, Border disease of lambs
	Hepacivirus	Hepatitis C virus
Caliciviridae	Losovirus	Feline calicivirus, rabbit hemorrhagic disease virus
	Vesivirus	Vesicular exanthema virus
	Sapporolikevirus	Norwalk virus
Picornaviridae	Enterovirus	Poliovirus Acute hemorrhagic conjunctivitis virus, Bovine enterovirus Simian enterovirus, duck hepatitis virus, Swine vesicular disease V.
	Rhinovirus	Human, Bovine, equine rhinovirus
	Aphthovirus	Foot and Mouth disease virus
	Cardiovirus	Murine encephalomyocarditis virus
	Hepatovirus	Hepatitis A virus
	Erbovirus	Equine rhinitis B virus
Togaviridae	Alphavirus	Western, eastern, Venezuelan equine encephalitis viruses
	Rubivirus	Rubella virus

Group V: -ve sense ss RNA Viruses

Orthomyxoviridae	Influenzavirus	Human, equine, avian, swine influenza viruses
	InfluenzaB virus	Human virus
	Influenza C virus	Human virus
	Thogotovirus	Thogoto virus, Dhori virus
	Isavirus	Infectious salmon anemia virus
Paramyxoviridae	Paramyxovirus	Para influenza viruses 1, 3
	Rubulavirus	Mumps virus, Para influenza 2, 4, Simian virus 5
	Avulavirus	Newcastle disease virus
	Morbillivirus	Measles virus, Rinderpest virus, canine distemper virus, dolphin distemper virus, peste de petits ruminant virus
	Pneumovirus	Respiratory Syncytial virus, Pneumovirus of mice

Paramyxoviridae <i>Continued</i>	Metapneumovirus	Turkey rhinotracheitis virus
	Respirovirus	Sendai virus
	Henipavirus	Hendra virus
Rhabdoviridae	Vesiculovirus	Vesiculo-stomatitis virus
	Lyssavirus	Rabies virus
	Ephemerovirus	Bovine ephemeral fever virus
	Novirhabdovirus	Infectious hematopoietic necrosis virus (IHNV)
Filoviridae	Marburglikevirus	Marburg virus
	Ebolalike virus	Ebola virus
Arenaviridae	Arenavirus	Lassa fever virus, Lymphocytic Chorio-Meningitis virus
Bunyaviridae	Orthobunyavirus	Akaban fever virus
	Nairovirus	Nairobi sheep disease virus, Crimean – congo virus
	Phlebovirus	Phlebotomous virus, Rift valley fever virus
	Uukunvirus	Uukuniemi virus
	Hantavirus	Hantaan virus

Group VI: RNA reverse transcriptase Viruses

Retroviridae	Alpharetrovirus	Avian leucosis virus, Reticuloendotheliosis virus
	Betaretrovirus	Mouse mammary tissue tumor virus
	Gammaretrovirus	Murine leukemia virus
	Deltaretrovirus	Bovine leukemia virus
	Epsilonretrovirus	Walley dermal sarcoma virus
	Lentivirus	HIV
	Spumavirus	Foamy virus

Group VII: DNA reverse transcriptase Viruses

Hepadnaviridae	Hepatitis E likevirus	Hepatitis E virus
	Avihepadnavirus	Duck hepatitis B virus
	Orthohepadnavirus	Hepatitis B virus

Subviral Agents

Prions	Mammalian Prions	Scrapie agent, BSE
	Fungal Prions	URE 3

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