
Autori: Prof. Dr. Riccardo Wittek, Dr. Karoline Dorsch-Häsler, Julia Link

> Classificazione degli organismi

Modulo 2: virus

Il presente elenco relativo al raggruppamento dei virus è stato pubblicato per la prima volta nel 2005 e rielaborato nel 2010.

Name	Group	Remarks
Adenoviridae		
Aviadenovirus (Avian adenoviruses)		
Duck adenovirus	2	TEN
Duck adenovirus 2	2	PM
Fowl adenovirus A	2	
Fowl adenovirus 1 (CELO, 112, Phelps)	2	PM
Fowl adenovirus B	2	
Fowl adenovirus 5 (340, TR22)	2	PM
Fowl adenovirus C	2	
Fowl adenovirus 10 (C-2B, M11, CFA20)	2	PM
Fowl adenovirus 4 (KR-5, J-2)	2	PM
Fowl adenovirus D	2	
Fowl adenovirus 11 (380)	2	PM
Fowl adenovirus 2 (GAL-1, 685, SR48)	2	PM
Fowl adenovirus 3 (SR49, 75)	2	PM
Fowl adenovirus 9 (A2, 90)	2	PM
Fowl adenovirus E	2	
Fowl adenovirus 6 (CR119, 168)	2	PM
Fowl adenovirus 7 (YR36, X-11)	2	PM
Fowl adenovirus 8a (TR59, T-8, CFA40)	2	PM
Fowl adenovirus 8b (764, B3)	2	PM
Goose adenovirus	2	
Goose adenovirus 1-3	2	PM
Pigeon adenovirus	2	PM TEN
Turkey adenovirus	2	TEN
Turkey adenovirus 1, 2	2	PM
Mastadenovirus (Mammalian adenoviruses)		
Bovine adenovirus A	2	
Bovine adenovirus 1	2	PM
Bovine adenovirus B	2	
Bovine adenovirus 3	2	PM
Bovine adenovirus C	2	
Bovine adenovirus 10	2	PM
Canine adenovirus	2	
Canine adenovirus 1,2	2	PM
Caprine adenovirus	2	TEN
Goat adenovirus 1, 2	2	PM
Equine adenovirus A	2	
Equine adenovirus 1	2	PM
Equine adenovirus B	2	
Equine adenovirus 2	2	PM

Name	Group	Remarks
Guinea pig adenovirus	2	TEN
Guinea pig adenovirus 1	2	PM
Human adenovirus A	2	
Chimpanzee adenovirus strain Y34	2	PM
Human adenovirus 12, 18, 31	2	PH
Simian adenovirus 2-4, 6, 9-11, 14	2	
Human adenovirus B	2	
Human adenovirus 3, 7, 11, 14, 16, 21, 34, 35, 50	2	PH
Simian adenovirus 21	2	
Human adenovirus C	2	
Bovine adenovirus 9	2	PM
Chimpanzee adenovirus C2	2	PM
Human adenovirus 1, 2, 5, 6	2	PH VEC
Simian adenovirus 13	2	
Human adenovirus D	2	
Human adenovirus 8-10, 13, 15, 17, 19, 20, 22-30, 32, 33, 36-39, 42-49, 51	2	PH
Human adenovirus E	2	
Human adenovirus 4	2	PH
Simian adenovirus 22-25	2	
Human adenovirus F	2	
Human adenovirus 40, 41	2	PH
Murine adenovirus A	2	
Murine adenovirus 1	2	PM
Murine adenovirus B	2	TEN
Murine adenovirus 2	2	PM
Ovine adenovirus A	2	
Bovine adenovirus 2	2	PM
Ovine adenovirus 2-5	2	PM
Ovine adenovirus B	2	
Ovine adenovirus 1	2	PM
Ovine adenovirus C	2	TEN
Ovine adenovirus 6	2	PM
Porcine adenovirus A	2	
Porcine adenovirus 1-3	2	PM
Porcine adenovirus B	2	
Porcine adenovirus 4	2	PM
Porcine adenovirus C	2	
Porcine adenovirus 5	2	PM
Simian adenovirus	2	TEN
Simian adenovirus 1, 5, 7, 8, 12, 15, 17, 18, 20, 26, 27	2	PM
Tree shrew adenovirus	2	
Tree shrew adenovirus 1	2	

Name	Group	Remarks
Unassigned species in the family Adenoviridae		
Frog adenovirus	2	PM
Ovine adenovirus Isolate 287.	2	PM
Turkey hemorrhagic enteritis virus	2	PM

Arenaviridae

Arenavirus

Pampa virus		TEN
-------------	--	---------------------

Arenavirus - New World Arenaviruses

Amapari virus	2	
Flexal virus	3	PHV
Guanarito virus	4	PHV
Junín virus	4	PHV
Junín virus vaccine strain Candid #1	2	
Latino virus	2	
Machupo virus	4	PHV
Paraná virus	2	
Pichinde virus	2	
Sabiá virus	4	PHV
Tacaribe virus	2	
Tamiami virus	2	

Arenavirus - Old World Arenaviruses

Ippy virus	2	
Lassa virus	4	PHV
Lymphocytic choriomeningitis virus	2	PHV
Lymphocytic choriomeningitis virus - neurotropic strains	3	PHV
Mobala virus	3	PHV
Mopeia virus	2	PHV

Arteriviridae

Arterivirus

Equine arteritis virus	2	PM
Lactate dehydrogenase-elevating virus	2	PM
Porcine respiratory and reproductive syndrome virus	2	PM
Simian hemorrhagic fever virus	2	PM

Asfarviridae

Asfivirus

African swine fever virus	4	EPD PM
---------------------------	---	--

Astroviridae

Name	Group	Remarks
Astrovirus		
Bovine astrovirus	2	
Bovine astrovirus 1, 2	2	PM
Duck astrovirus	2	
Duck astrovirus 1	2	PM
Human astrovirus	2	
Human astrovirus 1-8	2	PH
Ovine astrovirus	2	
Ovine astrovirus 1	2	PM
Porcine astrovirus	2	
Porcine astrovirus 1	2	PM

Baculoviridae

Nucleopolyhedrovirus

Autographa californica multiple nucleopolyhedrovirus	2	
Autographa californica multiple nucleopolyhedrovirus - laboratory strain	1	

Birnaviridae

Aquabirnavirus

Infectious pancreatic necrosis virus	2	
--------------------------------------	---	--

Avibirnavirus

Infectious bursal disease virus	2	PM
---------------------------------	---	--------------------

Entomobirnavirus

Drosophila X virus	1	
--------------------	---	--

Bornaviridae

Bornavirus

Borna disease virus	2	PM
---------------------	---	--------------------

Bunyaviridae

Bunyavirus

Acara virus	2	
Anopheles A virus	2	
Anopheles B virus	2	
Bakau virus	2	
Telok forest virus	3	
Batama virus	2	
Benevides virus	2	
Bertioga virus	2	
Guaratuba virus	2	
Bimiti virus	2	
Botambi virus	2	

Name	Group	Remarks
Bunyamwera virus	2	PHV
Cache Valley virus	2	
Germiston virus	3	
Northway virus	3	
Santa Rosa virus	3	
Tensaw virus	2	
Bushbush virus	2	
Bwamba virus	2	
California encephalitis virus	2	PHV
Jamestown Canyon virus	2	PHV
Keystone virus	2	
La Crosse virus	2	PHV
Tahyna virus	2	PHV
Capim virus	2	
Caraparu virus	2	
Apeu virus	2	
Ossa virus	2	
Catu virus	2	
Estero Real virus	3	
Gamboa virus	2	
Guajara virus	2	
Guama virus	2	
Guaroa virus	2	
Kairi virus	3	
Koongol virus	2	
Madrid virus	2	
Main Drain virus	2	
Manzanilla virus	2	
Inini virus	3	
Marituba virus	2	
Murutucu virus	2	
Minatitlan virus	2	
M'Poko virus	2	
Nyando virus	2	
Olifantsvlei virus	2	
Bobia virus	3	
Oriboca virus	2	
Oropouche virus	3	PH
Patois virus	2	
Sathuperi virus	2	
Shamonda virus	2	
Shuni virus	2	
Aino virus	3	

Name	Group	Remarks
Simbu virus	2	
Tacaiuma virus	2	
Tete virus	2	
Thimiri virus	2	
Timboteua virus	2	
Turlock virus	2	
Wyeomyia virus	2	
Zegla virus	2	
Hantavirus		
Dobrava-Belgrade virus	3	PHV
El Moro Canyon virus	3	
Hantaan virus	3	PHV
Muerto Canyon virus refer to Sin Nombre virus		
Prospect Hill virus	2	
Puumala virus	3	
Seoul virus	3	PHV
Sin Nombre virus old name Muerto Canyon virus	3	PHV
Thottapalayam virus	2	
Nairovirus		
Crimean-Congo hemorrhagic fever virus	4	PHV
Hazara virus	2	PHV
Dera Ghazi Khan virus	2	
Dugbe virus	3	
Ganjam virus refer to Nairobi sheep disease virus		
Hughes virus	2	
Nairobi sheep disease virus equal synonym Ganjam virus	3	PHV
Paramushir virus refer to Sakhalin virus		
Sakhalin virus equal synonym Paramushir virus	2	
Thiafora virus	3	
Phlebovirus		
Bujaru virus	2	
Chandiru virus		
Itaituba virus	3	
Chilibre virus	2	
Frijoles virus	2	
Gordil virus	3	TEN
Punta Toro virus	2	

Name	Group	Remarks
Buenaventura virus	3	
Rift Valley fever virus	3	EPD PHV
Rift Valley fever virus vaccine strain MP-12	2	
Sandfly fever Naples virus	2	PH
Toscana virus	2	PH
Uukuniemi virus	2	PH

Unassigned species in the family Bunyaviridae

Bhanja virus	3	PHV
Bobaya virus	3	
Chim virus	3	
Issyk-Kul virus	3	
Razdan virus	3	
Tai virus	3	
Tamdy virus	3	

Caliciviridae

Lagovirus

European brown hare syndrome virus	2	PM
Rabbit hemorrhagic disease virus	2	PM

Norwalk-like Viruses

Norwalk virus	2	PH
Swine calicivirus	2	PM TEN

Sapporo-like Viruses

Sapporo virus	2	
---------------	---	--

Vesivirus

Feline calicivirus	2	PM
Vesicular exanthema of swine virus	3	PM
Bovine calicivirus	2	PM
Primate calicivirus	2	PM
San Miguel sea lion virus	3	PM

Unassigned species in the family Caliciviridae

Bovine enteric calicivirus	2	PM
Canine calicivirus	2	PM
Fowl calicivirus	2	PM
Porcine enteric calicivirus	2	PM

Circoviridae

Circovirus

Beak and feather disease virus	2	PM
Chicken anaemia virus	2	PM
Porcine circovirus	2	PM

Name	Group	Remarks
Coronaviridae		
Coronavirus		
Coronavirus - Group 1 species		
Canine coronavirus	2	PM
Feline coronavirus	2	PM
Feline infectious peritonitis virus	2	PM
Human coronavirus 229E	2	PH
Porcine epidemic diarrhea virus	2	PM
Transmissible gastroenteritis virus	2	PM
Porcine respiratory coronavirus	2	PM
Coronavirus - Group 2 species		
Bovine coronavirus	2	PM
Human coronavirus OC43	2	PH
Murine hepatitis virus	2	PM
Porcine hemagglutinating encephalomyelitis virus	2	PM
Rat coronavirus	2	PM
Coronavirus - Group 3 species		
Infectious bronchitis virus	2	PM
Severe Acute Respiratory Syndrome Coronavirus, "SARS"	3	NYR PHV
Turkey coronavirus	2	PM
Torovirus		
Bovine torovirus	2	PM
Breda virus	2	PM
Equine torovirus	2	PM
Berne virus	2	PM
Human torovirus	2	PH
Porcine torovirus	2	
Filoviridae		
Ebola-like viruses		
Cote d'Ivoire Ebola virus	4	PHV
Reston Ebola virus	4	PHV
Sudan Ebola virus	4	PHV
Zaire Ebola virus	4	PHV
Marburg-like viruses		
Marburg virus	4	PHV
Flaviviridae		
Flavivirus - Mosquito-borne viruses		
Dengue virus group		

Name	Group	Remarks
Dengue virus	3	PHV
Dengue virus 1-4	3	PHV
Kedougou virus	3	
Japanese encephalitis virus group		
Cacipacore virus	3	
Japanese encephalitis virus	3	PHV
Koutango virus	3	PHV
Murray Valley encephalitis virus	3	PHV
St. Louis encephalitis virus	3	PHV
West Nile virus	3	PHV
Kunjin virus	2	
Kokobera virus group		
Kokobera virus	2	
Ntaya virus group		
Ilheus virus	2	
Rocio virus	3	
Israel turkey meningoencephalomyelitis virus	3	
Spondweni virus group		
Zika virus	2	
Spondweni virus	3	
Yellow fever virus group		
Sepik virus	3	
Wesselsbron virus	3	PHV
Yellow fever virus	3	PHV
Yellow fever virus vaccine strain 17D	2	
Flavivirus - Tick-borne viruses		
Central European tick-born encephalitis virus group		
Absettarov virus	3	NYR
Hanzalova virus	3	NYR PH
Hypr virus	3	NYR PH
Kumlinge virus	3	NYR PH
Russian spring-summer encephalitis virus	4	NYR PHV
Mammalian tick-borne virus group		
Gadgets Gully virus	3	
Kadam virus	2	
Kyasanur Forest disease virus	4	PHV
Langat virus	2	
Louping ill virus	3	PHV
Omsk hemorrhagic fever virus	4	PHV
Powassan virus	3	PHV
Tick-borne encephalitis virus	3	
Seabird tick-born virus group		
Meaban virus	3	
Saumarez Reef virus	3	
Tyuleniy virus	2	

Name	Group	Remarks
Flavivirus - Viruses with no known arthropod vector		
Modoc virus group		
Modoc virus	2	
Rio Bravo virus group		
Rio Bravo virus	2	
Hepacivirus		
Hepatitis C virus	3	<u>** PH</u>
Pestivirus		
Border disease virus	2	<u>PM</u>
Bovine viral diarrhea virus 1	2	<u>PM</u>
Bovine viral diarrhea virus 2	2	<u>PM</u>
Classical swine fever virus equal synonym Hog cholera virus	3	<u>EPD PM</u>
Hog cholera virus refer to Classical swine fever virus		
Unassigned species in the family Flaviviridae		
GB virus C equal synonym Hepatitis G virus	3	<u>** PH</u>
Hepatitis G virus refer to GB virus C		
Hepadnaviridae		
Avihepadnavirus		
Duck hepatitis B virus	2	<u>PM</u>
Heron hepatitis B virus	2	<u>PM</u>
Deltavirus (Not considered a genus of the family Hepadnaviridae)		
Hepatitis delta virus	3	<u>**</u>
Orthohepadnavirus		
Ground squirrel hepatitis B virus	2	<u>PM</u>
Hepatitis B virus	3	<u>** PH</u>
Woodchuck hepatitis B virus	2	<u>PM</u>
Herpesviridae		
Alphaherpesvirinae		
Infectious laryngotracheitis-like viruses		
Gallid herpesvirus 1 equal synonym Infectious laryngotracheitis virus	2	<u>PM</u>
Infectious laryngotracheitis virus refer to Gallid herpesvirus 1		
Marek's disease-like viruses		
Gallid herpesvirus 2	2	<u>PM</u>

Name	Group	Remarks
equal synonym Marek's disease virus type 1		
Gallid herpesvirus 3	2	PM
equal synonym Marek's disease virus type 2		
Marek's disease virus type 1		
refer to Gallid herpesvirus 2		
Marek's disease virus type 2		
refer to Gallid herpesvirus 3		
Meleagrid herpesvirus 1	2	PM
equal synonym Turkey herpesvirus		
Turkey herpesvirus		
refer to Meleagrid herpesvirus 1		
Simplexvirus		
Ateline herpesvirus 1	2	PM
equal synonym Spider monkey herpesvirus		
Bovine herpesvirus 2	2	PM
equal synonym Bovine mamillitis virus		
Bovine mamillitis virus		
refer to Bovine herpesvirus 2		
B-Virus		
refer to Cercopithecine herpesvirus 1		
Cercopithecine herpesvirus 1	3	PHV
equal synonym B-Virus		
equal synonym Herpesvirus simiae		
Cercopithecine herpesvirus 2	3	
equal synonym SA8		
Herpes simplex virus 1		
refer to Human herpesvirus 1		
Herpes simplex virus 2		
refer to Human herpesvirus 2		
Herpesvirus simiae		
refer to Cercopithecine herpesvirus 1		
Human herpesvirus 1	2	PH
equal synonym Herpes simplex virus 1		
Human herpesvirus 2	2	PH
equal synonym Herpes simplex virus 2		
SA8		
refer to Cercopithecine herpesvirus 2		
Spider monkey herpesvirus		
refer to Ateline herpesvirus 1		
Varicellovirus		
Aujesky disease		
refer to Suid herpesvirus 1		
Bovine encephalitis virus		
refer to Bovine herpesvirus 5		
Bovine herpesvirus 1	2	PM
equal synonym Infectious bovine rhinotracheitis virus		

Name	Group	Remarks
Bovine herpesvirus 5 equal synonym Bovine encephalitis virus	2	PM
Canid herpesvirus 1 equal synonym Canine herpesvirus	2	PM
Canine herpesvirus refer to Canid herpesvirus 1		
Caprine herpesvirus 1 equal synonym Goat herpesvirus	2	PM
Equid herpesvirus 1 equal synonym Equine abortion virus	2	PM
Equid herpesvirus 4 equal synonym Equine rhinopneumonitis virus	2	PM
Equine abortion virus refer to Equid herpesvirus 1		
Equine herpesvirus 3 equal synonym Equine coital exanthema virus	2	PM TEN
Equine rhinopneumonitis virus refer to Equid herpesvirus 4		
Felid herpesvirus 1 equal synonym Feline rhinotracheitis virus	2	PM
Feline rhinotracheitis virus refer to Felid herpesvirus 1		
Goat herpesvirus refer to Caprine herpesvirus 1		
Human herpesvirus 3 equal synonym Varicella-zoster virus	2	PH
Infectious bovine rhinotracheitis virus refer to Bovine herpesvirus 1		
Pseudorabies virus refer to Suid herpesvirus 1		
Suid herpesvirus 1 equal synonym Pseudorabies virus equal synonym Aujeszky disease	2	PM
Varicella-zoster virus refer to Human herpesvirus 3		
Varicellovirus tenta		TEN
Equine coital exanthema virus refer to Equine herpesvirus 3		

Betaherpesvirinae

Cytomegalovirus

Human cytomegalovirus refer to Human herpesvirus 5		
Human herpesvirus 5 equal synonym Human cytomegalovirus	2	PH

Muromegalovirus

Name	Group	Remarks
Mouse cytomegalovirus refer to Murid herpesvirus 1		
Murid herpesvirus 1 equal synonym Mouse cytomegalovirus	2	PM
Murid herpesvirus 2 equal synonym Rat cytomegalovirus	2	PM
Rat cytomegalovirus refer to Murid herpesvirus 2		
Roseolovirus		
Human herpesvirus 6	2	PH
Human herpesvirus 7	2	PH
Unassigned members of the subfamily Betaherpesvirinae		
Caviid herpesvirus 2 equal synonym Guinea pig cytomegalovirus	2	PM
Guinea pig cytomegalovirus refer to Caviid herpesvirus 2		
Gammaherpesvirinae		
Ictalurid herpes-like viruses		
Channel catfish virus refer to Ictalurid herpesvirus 1		
Ictalurid herpesvirus 1 equal synonym Channel catfish virus	2	PM
Lymphocryptovirus		
Baboon herpesvirus refer to Cercopithecine herpesvirus 12		
Cercopithecine herpesvirus 12 equal synonym Herpesvirus papio equal synonym Baboon herpesvirus	2	PM
Epstein-barr virus refer to Human herpesvirus 4		
Gorilla herpesvirus refer to Pongine herpesvirus 3		
Herpesvirus pan refer to Pongine herpesvirus 1		
Herpesvirus papio refer to Cercopithecine herpesvirus 12		
Human herpesvirus 4 equal synonym Epstein-barr virus	2	PH
Orangutan herpesvirus refer to Pongine herpesvirus 2		
Pongine herpesvirus 1 equal synonym Herpesvirus pan	2	PM
Pongine herpesvirus 2 equal synonym Orangutan herpesvirus	2	PM

Name	Group	Remarks
Pongine herpesvirus 3 equal synonym Gorilla herpesvirus	2	PM
Rhadinovirus		
Alcelaphine herpesvirus 1 equal synonym Malignant catarrhal fever virus	2	PM
Asinine herpesvirus 2 refer to Equid herpesvirus 7		
Ateline herpesvirus 2 equal synonym Herpesvirus ateles	2	PM
Bovine herpesvirus 4 equal synonym Movar virus	2	PM
Equid herpesvirus 2	2	PM
Equid herpesvirus 5	2	PM
Equid herpesvirus 7 equal synonym Asinine herpesvirus 2	2	PM
Herpesvirus ateles refer to Ateline herpesvirus 2		
Human herpesvirus 8 equal synonym Kaposi`s sarcoma-associated herpesvirus	2	PH
Kaposi`s sarcoma-associated herpesvirus refer to Human herpesvirus 8		
Leporid herpesvirus 2 equal synonym Herpesvirus cuniculi	2	PM TEN
Malignant catarrhal fever virus refer to Alcelaphine herpesvirus 1		
Movar virus refer to Bovine herpesvirus 4		
Ovine herpesvirus 2 equal synonym Sheep-associated malignant catarrhal fever virus	2	PM
Rhadinovirus tenta		TEN
Herpesvirus cuniculi refer to Leporid herpesvirus 2		
Sheep-associated malignant catarrhal fever virus refer to Ovine herpesvirus 2		
Unassigned species in the family Herpesviridae		
Anatid herpesvirus 1 equal synonym Duck plague herpesvirus	2	PM
Argentine turtle herpesvirus refer to Chelonid herpesvirus 4		
Carp pox herpesvirus refer to Cyprinid herpesvirus 1		
Chelonid herpesvirus 1 equal synonym Grey patch disease of turtles virus	2	PM
Chelonid herpesvirus 2 equal synonym Pacific pond turtle herpesvirus	2	PM

Name	Group	Remarks
Chelonid herpesvirus 3 equal synonym Painted turtle herpesvirus	2	PM
Chelonid herpesvirus 4 equal synonym Argentine turtle herpesvirus	2	PM
Columbid herpesvirus 1 equal synonym Pigeon herpesvirus	2	PM
Cyprinid herpesvirus 1 equal synonym Carp pox herpesvirus	2	PM
Duck plague herpesvirus refer to Anatid herpesvirus 1		
Esocid herpesvirus 1 equal synonym Northern pike herpesvirus	2	PM
Frog herpesvirus 4 refer to Ranid herpesvirus 2		
Green lizard herpesvirus refer to Lacertid herpesvirus		
Grey patch disease of turtles virus refer to Chelonid herpesvirus 1		
Herpesvirus salmonis refer to Salmonid herpesvirus 1		
Herpesvirus scophthalmus refer to Pleuronectid herpesvirus 1		
Lacertid herpesvirus equal synonym Green lizard herpesvirus	2	PM
Lucké frog herpesvirus refer to Ranid herpesvirus 1		
Northern pike herpesvirus refer to Esocid herpesvirus 1		
Oncorhynchus masou herpesvirus refer to Salmonid herpesvirus 2		
Ovine herpesvirus 1 equal synonym Sheep pulmonary adenomatosis associated herpesvirus	2	
Pacific pond turtle herpesvirus refer to Chelonid herpesvirus 2		
Painted turtle herpesvirus refer to Chelonid herpesvirus 3		
Pigeon herpesvirus refer to Columbid herpesvirus 1		
Pleuronectid herpesvirus 1 equal synonym Herpesvirus scophthalmus equal synonym Turbot herpesvirus	2	
Ranid herpesvirus 1 equal synonym Lucké frog herpesvirus	2	PM
Ranid herpesvirus 2 equal synonym Frog herpesvirus 4	2	PM
Salmonid herpesvirus 1 equal synonym Herpesvirus salmonis	2	PM

Name	Group	Remarks
Salmonid herpesvirus 2 equal synonym <i>Oncorhynchus masou herpesvirus</i>	2	PM
Sheep pulmonary adenomatosis associated herpesvirus refer to Ovine herpesvirus 1		
Suid herpesvirus 2 equal synonym <i>Swine cytomegalovirus</i>	2	PM
Swine cytomegalovirus refer to Suid herpesvirus 2		
Turbot herpesvirus refer to Pleuronectid herpesvirus 1		

Iridoviridae

Lymphocystivirus

Dab lymphocystis disease virus refer to Lymphocystis disease virus 2		
Lymphocystis disease virus 2 equal synonym <i>Dab lymphocystis disease virus</i>	2	

Ranavirus

Frog virus 3 equal synonym <i>Lucké triturus virus 1</i> equal synonym <i>Tadpole edema virus</i> equal synonym <i>Tortoise virus 5</i>	2	PM
Lucké triturus virus 1 refer to Frog virus 3		
Tadpole edema virus refer to Frog virus 3		
Tortoise virus 5 refer to Frog virus 3		

Unassigned members of the family Iridoviridae

Goldfish virus 1	2	PM
------------------	---	--------------------

Nodaviridae

Betanodavirus

Striped jack nervous necrosis virus	2	PM
-------------------------------------	---	--------------------

Orthomyxoviridae

Influenzavirus A

Influenza A virus <i>A/PR/8/3H(H1N1)</i>	2	PHV
---	---	---------------------

Influenzavirus B

Influenza B virus <i>B/LEE/40</i>	2	PH
--------------------------------------	---	--------------------

Influenzavirus C

Influenza C virus	2	PH
-------------------	---	--------------------

Name	Group	Remarks
C/CALIFORNIA/78		
Thogotovirus		
Dhori virus		
Batken virus	3	PHV
Thogoto virus	3	PHV
Papillomaviridae		
Papillomavirus		
Bovine papillomavirus	2	PM
Canine oral papillomavirus	2	PM
Cottontail rabbit papillomavirus	2	PM
Deer fibroma virus refer to Deer papillomavirus		
Deer papillomavirus equal synonym Deer fibroma virus	2	
Equine papillomavirus	2	
European elk papillomavirus	2	
Human papillomavirus	2	PH
Ovine papillomavirus	2	PM
Paramyxoviridae		
Paramyxovirinae		
Morbillivirus		
Canine distemper virus	2	PM
Cetacean morbillivirus	2	PM
Edmonston virus refer to Measles virus		
Measles virus equal synonym Edmonston virus	2	PH
Peste des petits ruminants virus	4	EPD PM
Phocine distemper virus equal synonym Seal distemper virus	2	PM
Rinderpest virus	4	EPD PM
Seal distemper virus refer to Phocine distemper virus		
Respirivirus		
Bovine parainfluenza virus 3	2	PM
Human parainfluenza virus 1	2	PHV
Human parainfluenza virus 3	2	PHV
Murine parainfluenza virus 1 refer to Sendai virus		
Sendai virus equal synonym Murine parainfluenza virus 1	2	PM

Name	Group	Remarks
Simian virus 10	2	PM
Rubulavirus		
Avian parainfluenza virus 1 refer to Newcastle disease virus		
Avian paramyxovirus 2 Yucaipa	2	PM
Avian paramyxovirus 3	2	PM
Avian paramyxovirus 4	2	PM
Avian paramyxovirus 5 Kunitachi	2	PM
Avian paramyxovirus 6	2	PM
Avian paramyxovirus 7	2	PM
Avian paramyxovirus 8	2	PM
Avian paramyxovirus 9	2	PM
Human parainfluenza virus 2	2	PHV
Human parainfluenza virus 4	2	PHV
Human parainfluenza virus 4 a,b	2	PHV
La Piedad-Michoacan-Mexico virus refer to Porcine rubulavirus		
Mapuera virus	3	
Mumps virus	2	PH
Newcastle disease virus equal synonym Avian parainfluenza virus 1	2	EPD PHV
Porcine rubulavirus equal synonym La Piedad-Michoacan-Mexico virus	2	PM
Simian virus 41	2	PM
Simian virus 5	2	PM
Pneumovirinae		
Metapneumovirus		
Avian pneumovirus refer to Turkey rhinotracheitis virus		
Turkey rhinotracheitis virus equal synonym Avian pneumovirus	2	PM
Pneumovirus		
Bovine respiratory syncytial virus	2	PM
Human respiratory syncytial virus	2	PH
Murine pneumonia virus	2	PM
Unassigned members of the family Paramyxoviridae		
Equine morbillivirus refer to Hendra virus		
Hendra virus old name Equine morbillivirus	4	NYR PHV

Name	Group	Remarks
Nipah virus	3	NYR

Parvovirinae

Dependovirus

Adeno-associated virus 1	2	PH
Adeno-associated virus 2	2	AAV PH
Adeno-associated virus 3	2	AAV PH
Adeno-associated virus 4	2	PH
Adeno-associated virus 5	2	AAV PH
Adeno-associated virus 6	2	PH
Avian adeno-associated virus	2	PM
Bovine adeno-associated virus	2	PM
Canine adeno-associated virus	2	PM
Equine adeno-associated virus	2	PM
Ovine adeno-associated virus	2	PM

Erythrovirus

B19 virus	2	PH
-----------	---	--------------------

Parvovirus

Aleutian disease virus refer to Aleutian mink disease virus		
Aleutian mink disease virus equal synonym Aleutian disease virus	2	PM
Bovine parvovirus	2	PM
Canine minute virus	2	PM
Canine parvovirus	2	PM
Chicken parvovirus	2	PM
Feline panleukopenia virus	2	PM
Feline parvovirus	2	PM
Kilham rat virus equal synonym Rat virus	2	PM
Mice minute virus	2	PM
Mink enteritis virus	2	PM
Porcine parvovirus	2	PM
Rat virus refer to Kilham rat virus		

Picornaviridae

Aphthovirus

Equine rhinitis A virus old name Equine rhinovirus 1	2	PM
Equine rhinovirus 1 refer to Equine rhinitis A virus		
Foot-and-mouth disease virus	4	EPD

Name	Group	Remarks
Cardiovirus		
Encephalomyocarditis virus	2	PHV
Columbia SK virus	2	
Maus Elberfeld virus	2	
Mengovirus	2	
Theilovirus	2	PM
Rat encephalomyelitis virus	2	
Theiler's murine encephalomyelitis virus	2	
Vilyuisk Human encephalomyelitis virus	2	
Enterovirus		
Bovine enterovirus	2	PM
Human enterovirus A		
Human coxsackievirus A2, A3, A5, A7, A8, A10, A12, A14, A16	2	PH
Human enterovirus 71	2	PH
Human enterovirus B		
Human coxsackievirus A9	2	PH
Human coxsackievirus B1, B2, B3, B4, B6	2	PH
Human coxsackievirus B5 Includes swine vesicular disease virus.	2	EPD
Human echovirus 1-7, 9, 11-21, 24-27, 29-33	2	PH
Human enterovirus 69	2	PH
Human enterovirus C		
Human coxsackievirus A1, A11, A13, A15, A17-22, A24	2	PH
Human enterovirus D		
Human enterovirus 68, 70	2	PH
Poliovirus		
Human poliovirus 1-3	2	PH POL
Porcine enterovirus A		
Porcine enterovirus 8	2	PM
Porcine enterovirus B		
Porcine enterovirus 9, 10	2	PHV
Hepatovirus		
Hepatitis A virus		
Human hepatitis A virus	2	PH
Simian hepatitis A virus	2	PM
Parechovirus		
Human parechovirus		
Human echovirus 22 refer to Human parechovirus 1	2	
Human echovirus 23 refer to Human parechovirus 2	2	
Human parechovirus 1	2	

Name	Group	Remarks
old name Human echovirus 22		
Human parechovirus 2	2	
old name Human echovirus 23		
Rhinovirus		
Herpesvirus saimiri		
refer to Saimiriine herpesvirus 2		
Human rhinovirus 17-20 Serotypes not yet assigned to a species.	2	PH
Human rhinovirus 22-28 Serotypes not yet assigned to a species.	2	PH
Human rhinovirus 30-36 Serotypes not yet assigned to a species.	2	PH
Human rhinovirus 37, 38 Serotypes not yet assigned to a species.	2	PH
Human rhinovirus 40-48 Serotypes not yet assigned to a species.	2	PH
Human rhinovirus 4-6 Serotypes not yet assigned to a species.	2	PH
Human rhinovirus 51-57 Serotypes not yet assigned to a species.	2	PH
Human rhinovirus 59-61 Serotypes not yet assigned to a species.	2	PH
Human rhinovirus 63, 64 Serotypes not yet assigned to a species.	2	PH
Human rhinovirus 66-71 Serotypes not yet assigned to a species.	2	PH
Human rhinovirus 73-84 Serotypes not yet assigned to a species.	2	PH
Human rhinovirus 8, 10, 12, 13 Serotypes not yet assigned to a species.	2	PH
Human rhinovirus 86-88 Serotypes not yet assigned to a species.	2	PH
Human rhinovirus 90-100 Serotypes not yet assigned to a species.	2	PH
Human rhinovirus A		
Human rhinovirus 1, 2, 7, 9, 11, 15, 16, 21, 29, 36, 39, 49, 50, 58, 62, 65, 85, 89	2	PH
Human rhinovirus B		
Human rhinovirus 3, 14, 72	2	PH
Saimiriine herpesvirus 2 equal synonym Herpesvirus saimiri	2	PM
Unassigned members of the family Picornaviridae		
Avian entero-like virus 2-4	2	PM
Duck hepatitis virus 1	2	PM
Duck hepatitis virus 3	2	PM

Name	Group	Remarks
Equine rhinovirus 3	2	PM

Polyomaviridae

Polyomavirus

African green monkey polyomavirus	2	PM
B-lymphotropic polyomavirus	2	PM
Baboon polyomavirus 2	2	
BK polyomavirus	2	PH
Bovine polyomavirus	2	
Budgerigar fledgling polyomavirus	2	PM
Hamster polyomavirus	2	PM
JC polyomavirus	2	PH
Murine pneumotropic virus	2	
Kilham polyomavirus	2	
Murine polyomavirus	2	PM
Rabbit kidney vacuolating virus	2	PM
Simian virus 12	2	PM
Simian virus 40	2	PHV

Chordopoxvirinae

Avipoxvirus

Canarypox virus	2	PM
ALVAC	1	NYR
Fowlpox virus	2	PM
Juncopox virus	2	
Mynahpox virus	2	
Pigeonpox virus	2	PM
Psittacinepox virus	2	
Quailpox virus	2	
Sparrowpox virus	2	
Starlingpox virus	2	
Turkeypox virus	2	PM

Capripoxvirus

Goatpox virus	3	EPD PM
Lumpy skin disease virus	3	EPD PM
Sheeppox virus	3	EPD PM

Leporipoxvirus

Hare fibroma virus	2	PM
Myxoma virus	2	PM
Rabbit fibroma virus	2	PM
equal synonym Shope fibroma virus		
Shope fibroma virus		

Name	Group	Remarks
refer to Rabbit fibroma virus		
Squirrel fibroma virus	2	PM
Molluscipoxvirus		
Molluscum contagiosum virus	2	PH
Orthopoxvirus		
Camelpox virus	2	PM
Cowpox virus	2	PHV
Ectromelia virus equal synonym Mousepox virus	2	PM
Monkeypox virus	3	PHV
Mousepox virus refer to Ectromelia virus		
Vaccinia virus	2	PHV
Buffalopox virus	2	PHV
Modified vaccinia virus Ankara "MVA"	1	
NYVAC	1	
Rabbitpox virus	2	PHV
Variola virus	4	PH VAR
Parapoxvirus		
Bovine papular stomatitis virus	2	PHV
Contagious ecthyma virus refer to Orf virus		
Contagious pustular dermatitis virus refer to Orf virus		
Milker's nodule virus refer to Pseudocowpox virus		
Orf virus equal synonym Contagious pustular dermatitis virus equal synonym Contagious ecthyma virus	2	PHV
Paravaccinia virus refer to Pseudocowpox virus		
Pseudocowpox virus equal synonym Milker's nodule virus equal synonym Paravaccinia virus	2	PHV
Suipoxvirus		
Swinepox virus	2	PM
Yatapoxvirus		
Tanapox virus	2	PHV
Yaba monkey tumor virus	2	PHV

Reoviridae

Coltivirus

Name	Group	Remarks
Coltivirus subgroup A		
Colorado tick fever virus	2	PHV
Eyach virus	2	
Coltivirus subgroup B		
Banna virus	3	
Orbivirus		
African horse sickness virus	3	EPD PM
Bluetongue virus	2	EPD PM
Changuinola virus	2	PH
Chenuda virus	2	
Chobar Gorge virus	2	
Corriparta virus	2	PH
Epizootic hemorrhagic disease virus	3	PM
Ibaraki virus	3	PM
Equine encephalosis virus	2	
Eubenangee virus	2	
Great island virus	2	
Ieri virus	2	
Lebombo virus	2	PH
Orungo virus	3	PH
Umatilla virus	2	
Wad Medani virus	2	
Wallal virus	2	
Warrego virus	2	
Wongorr virus	2	
Orthoreovirus		
Orthoreovirus subgroup 1		
Mammalian orthoreovirus	2	PM
Orthoreovirus subgroup 2		
Avian orthoreovirus	2	PM
Rotavirus		
Rotavirus A	2	PM
Simian rotavirus A/SA11	2	PM
Rotavirus B	2	PH
Rotavirus C	2	PM
Porcine rotavirus C/Cowden	2	PM
Rotavirus D	2	PM
Chicken rotavirus D/132	2	PM
Rotavirus E	2	PM
Porcine rotavirus E/DC-9	2	PM

Name	Group	Remarks
Rotavirus F	2	PM TEN
Chicken rotavirus F/A4	2	PM
Rotavirus G	2	PM TEN
Chicken rotavirus G/555	2	PM

Retroviridae

Alpharetrovirus

Avian leukosis virus	2	
----------------------	---	--

Alpharetrovirus - Oncogene containing viruses

Rous sarcoma virus	2	
--------------------	---	--

Betaretrovirus

Mason-Pfizer monkey virus	2	PM
Simian retrovirus 1,2	2	PM
Mouse mammary tumor virus	2	PM
Squirrel monkey retrovirus	2	PM

Deltaretrovirus

Bovine leukemia virus	2	
Primate T-lymphotropic virus 1		
Primate T-lymphotropic virus 2		
Primate T-lymphotropic virus 3	2	
Human T-lymphotropic virus 1	3	** PH
Human T-lymphotropic virus 2	3	** PH
Simian T-lymphotropic virus 1	2	
Simian T-lymphotropic virus 2 old name STLV-PP	2	
Simian T-lymphotropic virus 3 old name STLV-L	2	
STLV-L refer to Simian T-lymphotropic virus 3		
STLV-PP refer to Simian T-lymphotropic virus 2		

Epsilonretrovirus (Fish retroviruses)

Perch hyperplasia virus	2	PM TEN
-------------------------	---	--

Gammaretrovirus

Gammaretrovirus - Mammalian virus group

Feline leukemia virus	2	PM
Finkel-Biskis-Jenkins murine sarcoma virus	2	PM
Gardner-Arnstein feline sarcoma virus	2	
Gibbon ape leukemia virus	2	PM
Guinea pig type C oncovirus	2	PM
Hardy-Zuckerman feline sarcoma virus	2	

Name	Group	Remarks
Harvey murine sarcoma virus	2	PM
Kirsten murine sarcoma virus	2	PM
Moloney murine sarcoma virus	2	PM
Murine leukemia virus	2	PM VEC
Abelson murine leukemia virus	2	
AKR murine leukemia virus Endogeneous.	2	
Moloney murine leukemia virus	2	VEC
Porcine type C oncovirus	2	PM
Simian sarcoma virus refer to Woolly monkey sarcoma virus		
Snyder-Theilen feline sarcoma virus	2	
Woolly monkey sarcoma virus equal synonym Simian sarcoma virus	2	PM
Lentivirus		
Bovine Lentivirus group		
Bovine immunodeficiency virus	2	PM
Equine Lentivirus group		
Equine infectious anemia virus	2	PM
Feline Lentivirus group		
Feline immunodeficiency virus	2	PM
Ovine/caprine Lentivirus group		
Caprine arthritis encephalitis virus	2	PM
Visna/maedi virus	2	PM
Primate Lentivirus group		
Human immunodeficiency virus 1	3	** PH
Human immunodeficiency virus 2	3	** PH
Simian immunodeficiency virus	3	** PHV
Spumavirus		
Bovine foamy virus	2	PM
Chimpanzee foamy virus	2	
Chimpanzee foamy virus human isolate old name Human foamy virus	2	
Human foamy virus refer to Chimpanzee foamy virus human isolate		
Feline foamy virus	2	PM
Simian foamy virus 1	2	
Simian foamy virus 3	2	
Rhabdoviridae		
Almpiwar virus	2	PM

Name	Group	Remarks
Unassigned animal rhabdoviruses.		
Bimbo virus	3	
Unassigned animal rhabdoviruses.		
Chaco virus	2	PM
Unassigned animal rhabdoviruses.		
Flanders virus	2	
Unassigned animal rhabdoviruses.		
Garba virus	3	
Unassigned animal rhabdoviruses.		
Hart Park virus	2	
Unassigned animal rhabdoviruses.		
Marco virus	2	PM
Unassigned animal rhabdoviruses.		
Ouango virus	3	
Unassigned animal rhabdoviruses.		
Timbo virus	2	PM
Unassigned animal rhabdoviruses.		
Ephemerovirus		
Adelaide River virus	3	
Berrimah virus	3	
Bovine ephemeral fever virus	2	PM
Lyssavirus		
Australian bat lyssavirus	3	
Duvenhage virus	3	** PHV
European bat lyssavirus 1	3	** PHV
European bat lyssavirus 2	3	** PHV
Lagos bat virus	3	PHV
Mokola virus	3	PHV
Rabies virus	3	** PHV
Rabies virus vaccine strain	2	
Rochambeau virus	3	TEN
Novirhabdovirus (Rhabdoviruses of fish)		
Eel virus B12	2	PM TEN
Eel virus C26	2	PM TEN
Egtved virus		
refer to Viral hemorrhagic septicemia virus		
Hirame rhabdovirus	2	PM
Infectious hematopoietic necrosis virus	2	PM
Snakehead rhabdovirus	2	TEN
Viral hemorrhagic septicemia virus	2	PM
equal synonym Egtved virus		
Vesiculovirus		
Chandipura virus	2	PHV

Name	Group	Remarks
Cocal virus	3	
Isfahan virus	2	
Pike fry rhabdovirus	2	PM TEN
Piry virus	3	PHV
Spring viremia of carp virus	2	PM TEN
Ulcerative disease rhabdovirus	2	PM TEN
Vesicular stomatitis Alagoas virus	3	EPD PHV
Vesicular stomatitis Indiana virus	2	EPD PHV
Vesicular stomatitis New Jersey virus	2	EPD PHV
Virulent vesicular stomatitis virus field isolates	3	EPD

Togaviridae

Alphavirus

Aura virus	2	PM
Barmah Forest virus	2	PM
Bebaru virus	2	PHV
Cabassou virus	3	PHV
Chikungunya virus	3	** _ PHV
Chikungunya virus vaccine strain 131/25	2	
Eastern equine encephalitis virus	3	PHV
Everglades virus	3	** _ PHV
Fort Morgan virus	2	PM
Getah virus	3	PM
Highlands J virus	2	PM
Mayaro virus	3	PHV
Middelburg virus	3	PHV
Mucambo virus	3	** _ PHV
Tonate	3	** _ PHV
Ndumu virus	3	PHV
O'nyong-nyong virus	2	PHV
Pixuna virus	2	PM
Ross River virus	2	PHV
Sagiyama virus	3	PHV
Semliki forest virus	2	PHV VEC
Sindbis virus	2	PHV VEC
Babanki	3	
Kyzylgach	3	PHV
Una virus	2	PM
Venezuelan equine encephalitis virus	3	PHV
Venezuelan equine encephalitis virus vaccine strain TC83	2	
Western equine encephalitis virus	3	PHV
Whataroa virus	2	PM

Name	Group	Remarks
Hepatitis E-like Viruses		
Hepatitis E virus	3	<u>**</u> <u>PH</u>
Rubivirus		
Rubella virus	2	<u>PH</u>
Unconventional agents associated with transmissible spongiform encephalopathies (TSEs)		
Bovine spongiform encephalopathy "BSE" agent and other related animal TSEs agents	3	<u>**</u> <u>PHV</u> <u>TSE</u>
Chronic wasting disease agent of deer	2	
Creutzfeldt-Jakob disease agent	3	<u>**</u> <u>PH</u> <u>TSE</u>
Gerstmann-Sträussler-Scheinker syndrome agent	3	<u>**</u> <u>PH</u> <u>TSE</u>
Kuru agent	3	<u>**</u> <u>PH</u> <u>TSE</u>
Scrapie agent	2	

Remarks

Mark	Description
**	Limited danger of transmission These organisms are usually not transmitted through the respiratory tract.
AAV	Adeno-associated virus Laboratory strains of some adeno-associated viruses (adeno-associated virus 2,3, 5), which are used as vectors can normally be assigned to group 1.
EPD	Highly contagious Organisms that cause highly contagious, reportable animal epidemics (Ordinance on Epizooties Art. 2, SR 916.401). Activities with such viruses require special approval by the Swiss Federal Veterinary Office
NYR	Not yet registered Viruses whose names are not yet registered by the International Committee on Taxonomy.
PH	Pathogenic for humans
PHV	Pathogenic for humans and for vertebrates
PM	Pathogenic for mammals Pathogenic for mammals only. So far, no human diseases caused by these viruses have been reported.
POL	Polio virus At present, for the use of polio viruses safety level 2/polio (BSL-2/polio) is required. This includes a number of measures additional to the usual package for safety level 2 (see WHO global action plan for the laboratory containment of wild polioviruses, Department of Vaccines and Biologicals, WHO, Geneva, 1999). As soon as the eradication of the polio viruses moves further forward, there will be stricter safety requirements (see above reference for details).
TEN	Tentative members of the family/ subfamily/ genus
TSE	Transmissible spongiforme encephalopathic agents Biological agents associated with transferable spongiform encephalopathies are classified as 3**. Work with these agents must be done according to safety level 3, though certain level 3 measures can be omitted (see Classification of work using prion genes and prion proteins, www.efbs.ch).
UAS	Unassigned members of the family/ subfamily/ genus
VAR	Variola viruses Samples of Variola viruses are only held at the "State Research Center of Virology and Biotechnology, Koltsovo, Novosibirsk region, Russian Federation" and at the "Center for Disease Control and Prevention, Atlanta USA". Activities with these agents are only allowed in the laboratories of these institutes and under maximum safety measures, and they require approval by the World Health Organization (WHO).
VEC	Vector See Statement of the Federal Expert Committee for Biosafety on the classification of work with genetically modified viral vectors, www.efbs.ch .