

ICTV 6th Report

Murphy, F. A., Fauquet, C. M., Bishop, D. H. L., Ghabrial, S. A., Jarvis, A. W. Martelli, G. P. Mayo, M. A. & Summers, M. D. (eds) (1995). Virus Taxonomy. Sixth report of the International Committee on Taxonomy of Viruses. Archives of Virology Supplement 10, 590 pp.

At this stage in the history of ICTV, there were no formal procedures for recognising and naming virus species and in some families/genera/groups there was a reluctance to use the term 'species'. Lists of species (or 'members') were revised when the Report was produced and sometimes differed substantially from the preceding Report. Occasionally, other changes to families, genera or groups were made that cannot otherwise be tracked in taxonomic decisions or minutes of the ICTV Executive Committee.

In the absence of any other documentation, this file lists the changes introduced by the 6th Report with page references.

1. Changes to genera and groups

[Family]	Genus/group	Change	Ref
Myoviridae	T-even phage group	Renamed T4-like phages	p51
Siphoviridae	Lambda phage group	Renamed Lambda-like phages	p55
Podoviridae	T7 phage group	Renamed T7-like phages	p60
Unassigned	African swine fever virus group	Renamed African swine fever-like viruses	p92
Retroviridae	Mammalian type C retrovirus group	Renamed Mammalian type C retroviruses	p197
Retroviridae	Avian type C retrovirus group	Renamed Avian type C retroviruses	p198
Retroviridae	HTLV-BLV group	Renamed BLV-HTLV retroviruses	p200
Unassigned	Torovirus	Genus moved to family Coronaviridae	p410*
Togaviridae	Arterivirus	Genus excluded from family Togaviridae	p412*
Flaviviridae	Hepatitis virus C group	Renamed Hepatitis C-like viruses	p424

* these changes were approved at EC21(1992) but were apparently omitted from the ratification at the Glasgow Congress (1993) and were included in the 6th Report ahead of formal ratification at the Jerusalem Congress (1996) when the genus Arterivirus was placed in a new family Arteriviridae (see 1996_Ratification p2255).

2. Changes to genus assignment

The species Saimiriine herpesvirus 2 is moved from the genus Rhadinovirus to be unassigned in the subfamily Gammaherpesvirinae (p124).

The species Tobacco yellow dwarf virus is moved from Geminivirus subgroup II to Geminivirus subgroup I (p160).

The following species in the genus Paramyxovirus, subfamily Paramyxovirinae are moved to a (new) genus Rubulavirus in the same subfamily (p272): Newcastle disease virus, Avian paramyxovirus 2, Avian paramyxovirus 3, Avian paramyxovirus 4, Avian paramyxovirus 5, Avian paramyxovirus 6, Avian paramyxovirus 7, Avian paramyxovirus 8, Avian paramyxovirus 9, Mumps virus, Parainfluenza virus 2. **For the new genus see section 6, below.**

Datura yellow vein virus and Maize mosaic virus, previously species in the genus Cytorhabdovirus, family Rhabdoviridae, are moved to the genus Nucleorhabdovirus (p284).

The species Potato virus T is moved from the genus Capillovirus to the genus Trichovirus (p470).

3. Species that were abolished (i.e. disappeared as fully-recognised members of their genus; the reference is to the genus list lacking these species or showing them only as tentative members of the genus)

Family	Genus	Species	Ref
Siphoviridae	Lambda phage group	Phage HK022	p57
Siphoviridae	Lambda phage group	Phage HK97	p57
Siphoviridae	Lambda phage group	Phage phiD328	p57
Tectiviridae	Tectivirus	Phage Bam35	p66
Tectiviridae	Tectivirus	Phage L17	p66
Tectiviridae	Tectivirus	Phage PR3	p66
Tectiviridae	Tectivirus	Phage PR4	p66
Tectiviridae	Tectivirus	Phage PR5	p66
Tectiviridae	Tectivirus	Phage PR772	p66
Plasmaviridae	Plasmavirus	Phage 1307	p72
Adenoviridae	Mastadenovirus	Bovine adenovirus 10	p131
Papovaviridae	Papillomavirus	Goat papilloma virus	p141
Papovaviridae	Papillomavirus	Rat papilloma virus	p141
Geminiviridae	Geminivirus subgroup II	Bean sudden death virus	p161
Rhabdoviridae	Lyssavirus	Kotonkan virus	p282
Rhabdoviridae	Lyssavirus	Obodhiang virus	p282
Bunyaviridae	Bunyavirus	Kaeng Khoi virus	p308
Bunyaviridae	Bunyavirus	Leanyer virus	p308
Bunyaviridae	Bunyavirus	Mojui dos Campos virus	p308
Bunyaviridae	Bunyavirus	Termeil virus	p308
Bunyaviridae	Hantavirus	Leaky virus	p309
Leviviridae	Levivirus	Phage FH5	p326
Leviviridae	Levivirus	Phage GA	p326
Picornaviridae	Enterovirus	Human echoviruses 8 and 34	p332
Potyviridae	Potyvirus	Garlic mosaic virus	p352
Unassigned	Carlavirus	Narcissus latent virus	p357
Flaviviridae	Flavivirus	Gadget's Gully virus	p420
Flaviviridae	Flavivirus	Kadam virus	p420
Flaviviridae	Flavivirus	Aroa virus	p421
Flaviviridae	Flavivirus	Bussuquara virus	p421
Flaviviridae	Flavivirus	Cacipacore virus	p421
Flaviviridae	Flavivirus	Ilheus virus	p421
Flaviviridae	Flavivirus	Jugra virus	p421
Flaviviridae	Flavivirus	Montana myotis leukoencephalitis virus	p421
Flaviviridae	Flavivirus	Naranjal virus	p421
Flaviviridae	Flavivirus	Rocio virus	p421
Flaviviridae	Flavivirus	Sepik virus	p421
Flaviviridae	Flavivirus	Sokoluk virus	p421
Flaviviridae	Flavivirus	Spondweni virus	p421
Flaviviridae	Flavivirus	Tamana bat virus	p421
Flaviviridae	Flavivirus	Wesselsbron virus	p421
Flaviviridae	Flavivirus	Zika virus	p421
Unassigned	Closterovirus	Festuca necrosis virus	p463
Unassigned	Closterovirus	Grapevine virus A	p470
Unassigned	Carlavirus	Cowpea mild mottle virus	p478
Unassigned	Viroids	Coleus blumei viroid 2	p496
Unassigned	Viroids	Coleus blumei viroid 3	p496
Unassigned	Viroids	Tomato bunchy top viroid	p496
Unassigned	Viroids	Burdock stunt viroid	p496

4. Species names that disappeared by merging or splitting

Family	Genus	Old species	New species	Ref
Papovaviridae	Papillomavirus	Bovine papilloma virus	Bovine papillomavirus 1 Bovine papillomavirus 2 Bovine papillomavirus 4	p141
Papovaviridae	Papillomavirus	Human papilloma virus	Human papillomavirus 1a Human papillomavirus 5 Human papillomavirus 6b Human papillomavirus 8 Human papillomavirus 11 Human papillomavirus 16 Human papillomavirus 18 Human papillomavirus 31 Human papillomavirus 33	p141
Geminiviridae	Geminivirus subgroup III	Tomato leaf curl virus	Tomato leaf curl virus – Au Tomato leaf curl virus - In	p163
Retroviridae	Avian type C retroviruses	Avian sarcoma and leukemia viruses	Avian carcinoma, Mill Hill virus 2 Avian myeloblastosis virus Avian myelocytomatosis virus 29	p199
Reoviridae	Aquareovirus	13p2 reovirus	Group A aquareovirus	p226
Paramyxoviridae	Rubulavirus	Parainfluenza virus 4	Human parainfluenza virus 4a Human parainfluenza virus 4b	p272
Filoviridae	Filovirus	Ebola virus	Ebola virus Reston Ebola virus Sudan Ebola virus Zaire	p291
Picornaviridae	Cardiovirus	Columbia SK virus	Encephalomyocarditis virus	p334
Picornaviridae	Cardiovirus	Mengovirus	Encephalomyocarditis virus	p334
Picornaviridae	Cardiovirus	MM virus	Encephalomyocarditis virus	p334
Picornaviridae	Enterovirus	Murine poliovirus	Theiler's murine encephalomyelitis virus	p334
Potyviridae	Potyvirus	Blackeye cowpea mosaic virus	Bean common mosaic virus	p351
Potyviridae	Potyvirus	Peanut stripe virus	Bean common mosaic virus	p351
Potyviridae	Potyvirus	Statice virus Y	Clover yellow vein virus	p352
Unassigned	Luteovirus	Barley yellow dwarf virus	Barley yellow dwarf virus-PAV Barley yellow dwarf virus-MAV Barley yellow dwarf virus-SGV Barley yellow dwarf virus-RGV Barley yellow dwarf virus-RMV Barley yellow dwarf virus-RPV	p381
Coronaviridae	Coronavirus	Human coronavirus	Human coronavirus 229E Human coronavirus OC43	p409
Bromoviridae	Iilarvirus	Cherry rugose virus	Prunus necrotic ringspot virus	p454
Bromoviridae	Iilarvirus	Danish plum line pattern virus	Prunus necrotic ringspot virus	p454
Bromoviridae	Iilarvirus	Hop virus A	Apple mosaic virus	p454
Bromoviridae	Iilarvirus	Hop virus C	Prunus necrotic ringspot virus	p454
Unassigned	Tymovirus	Ononis yellow mosaic virus	Scrophularia mottle virus	p473

5. Species that were re-named

Family	Genus	Old name	New name	Ref
Myoviridae	T-even phage group	Phage 11F	Enterobacteria phage 11F	p53
Myoviridae	T-even phage group	Phage 3	Enterobacteria phage 3	p53
Myoviridae	T-even phage group	Phage 3T+	Enterobacteria phage 3T+	p53
Myoviridae	T-even phage group	Phage 50	Enterobacteria phage 50	p53
Myoviridae	T-even phage group	Phage 5845	Enterobacteria phage 5845	p53
Myoviridae	T-even phage group	Phage 66F	Enterobacteria phage 66F	p53
Myoviridae	T-even phage group	Phage 8893	Enterobacteria phage 8893	p53
Myoviridae	T-even phage group	Phage 9/O	Enterobacteria phage 9/0	p53
Myoviridae	T-even phage group	Phage alpha1	Enterobacteria phage alpha1	p53
Myoviridae	T-even phage group	Phage C16	Enterobacteria phage C16	p53
Myoviridae	T-even phage group	Phage DdVI	Enterobacteria phage DdVI	p53
Myoviridae	T-even phage group	Phage PST	Enterobacteria phage PST	p53
Myoviridae	T-even phage group	Phage SMB	Enterobacteria phage SMB	p53
Myoviridae	T-even phage group	Phage SMP2	Enterobacteria phage SMP2	p53
Siphoviridae	Lambda phage group	Phage PA-2	Lamboid phage PA-2	p57
Siphoviridae	Lambda phage group	Phage phi80	Lamboid phage phi80	p57
Podoviridae	T7 phage group	Phage H	Enterobacteria phage H	p61
Podoviridae	T7 phage group	Phage phiI	Enterobacteria phage phiI	p61
Podoviridae	T7 phage group	Phage phiII	Enterobacteria phage phiII	p61
Podoviridae	T7 phage group	Phage PTB	Enterobacteria phage PTB	p61
Podoviridae	T7 phage group	Phage R	Enterobacteria phage R	p61
Podoviridae	T7 phage group	Phage T3	Enterobacteria phage T3	p61
Podoviridae	T7 phage group	Phage W31	Enterobacteria phage W31	p61
Tectiviridae	Tectivirus	Phage PRD1	Enterobacteria phage PRD1	p64
Tectiviridae	Tectivirus	Phage AP50	Bacillus phage AP50	p66
Tectiviridae	Tectivirus	Phage phiNS11	Bacillus phage phiNS11	p66
Lipothrixviridae	Lipothrixvirus	Thermoproteus tenax virus 1	Thermoproteus virus 1	p75
Fuselloviridae	Fusellovirus	Sulfolobus spindle-shaped virus 1	Sulfolobus virus 1	p76
Poxviridae	Parapoxvirus	Stomatitis papulosa virus	Bovine papular stomatitis virus	p84
Poxviridae	Leporipoxvirus	Rabbit (Shope) fibroma virus	Rabbit fibroma virus	p86
Poxviridae	Yatapoxvirus	Yaba monkey tumor poxvirus	Yaba monkey tumor virus	p88
Poxviridae	Entomopoxvirus A	Figulus sublaevis entomopoxvirus	Figulus sublaevis entomopoxvirus	p88
Poxviridae	Entomopoxvirus B	Amsacta moorei entomopoxvirus	Amsacta moorei entomopoxvirus 'L' *	p89
Poxviridae	Entomopoxvirus B	Acrobasis zelleri entomopoxvirus	Acrobasis zelleri entomopoxvirus 'L' *	p89
Poxviridae	Entomopoxvirus B	Arphia conspersa entomopoxvirus	Arphia conspersa entomopoxvirus 'O' *	p89
Poxviridae	Entomopoxvirus B	Choristoneura biennis entomopoxvirus	Choristoneura biennis entomopoxvirus 'L' *	p89
Poxviridae	Entomopoxvirus B	Choristoneura conflictata entomopoxvirus	Choristoneura conflictata entomopoxvirus 'L' *	p89
Poxviridae	Entomopoxvirus B	Choristoneura diversum entomopoxvirus	Choristoneura diversum entomopoxvirus 'L' *	p89
Poxviridae	Entomopoxvirus B	Chorizagrotis auxiliaris entomopoxvirus	Chorizagrotis auxiliaris entomopoxvirus 'L' *	p89
Poxviridae	Entomopoxvirus B	Locusta migratoria entomopoxvirus	Locusta migratoria entomopoxvirus 'O' *	p89
Poxviridae	Entomopoxvirus B	Melanoplus sanguinipes entomopoxvirus	Melanoplus sanguinipes entomopoxvirus 'O' *	p89
Poxviridae	Entomopoxvirus B	Oedaleus senegalensis entomopoxvirus	Oedaleus senegalensis entomopoxvirus 'O' *	p89

Family	Genus	Old name	New name	Ref
Poxviridae	Entomopoxvirus B	Operophtera brumata entomopoxvirus	Operophtera brumata entomopoxvirus 'L' *	p89
Poxviridae	Entomopoxvirus B	Schistocerca gregaria entomopoxvirus	Schistocerca gregaria entomopoxvirus 'O' *	p89
Phycodnaviridae	Phycodnavirus	Paramecium bursaria Chlorella virus XZ6E	Paramecium bursaria Chlorella virus XY6E	p103
Baculoviridae	Nucleopolyhedrovirus	Autographa californica multiple nuclear polyhedrosis virus	Autographa californica multiple nucleopolyhedrovirus	p107
Baculoviridae	Nucleopolyhedrovirus	Bombyx mori single nuclear polyhedrosis virus	Bombyx mori nucleopolyhedrovirus	p107
Baculoviridae	Nucleopolyhedrovirus	Choristoneura fumiferana multiple nuclear polyhedrosis virus	Choristoneura fumiferana multiple nucleopolyhedrovirus	p107
Baculoviridae	Nucleopolyhedrovirus	Heliothis zea single nuclear polyhedrosis virus	Helicoverpa zea single nucleopolyhedrovirus	p107
Baculoviridae	Nucleopolyhedrovirus	Mamestra brassicae multiple nuclear polyhedrosis virus	Mamestra brassicae multiple nucleopolyhedrovirus	p107
Baculoviridae	Nucleopolyhedrovirus	Orgyia pseudotsugata multiple nuclear polyhedrosis virus	Orgyia pseudotsugata multiple nucleopolyhedrovirus	p107
Baculoviridae	Nucleopolyhedrovirus	Trichoplusia ni single nuclear polyhedrosis virus	Trichoplusia ni single nucleopolyhedrovirus	p107
Baculoviridae	Granulovirus	Plodia interpunctella granulosis virus	Plodia interpunctella granulovirus	p111
Baculoviridae	Granulovirus	Artogeia rapae granulosis virus	Artogeia rapae granulovirus	p111
Baculoviridae	Granulovirus	Cydia pomonella granulosis virus	Cydia pomonella granulovirus	p111
Baculoviridae	Granulovirus	Pieris brassicae granulosis virus	Pieris brassicae granulovirus	p111
Baculoviridae	Granulovirus	Trichoplusia ni granulosis virus	Trichoplusia ni granulovirus	p111
Herpesviridae	Varicellovirus	Equine herpesvirus 1	Equid herpesvirus 1	p120
Herpesviridae	Varicellovirus	Equine herpesvirus 4	Equid herpesvirus 4	p120
Herpesviridae	Varicellovirus	Suid herpesvirus 1	Pseudorabies virus	p120
Herpesviridae	Muromegalovirus	Murid herpesvirus 1	Mouse herpesvirus 1	p122
Papovaviridae	Polyomavirus	Polyoma virus	Murine polyomavirus (strain A2)	p140
Papovaviridae	Polyomavirus	K virus	Murine polyomavirus	p140
Papovaviridae	Polyomavirus	Lymphotropic polyomavirus	African green monkey polyomavirus	p140
Papovaviridae	Polyomavirus	SA12 virus	Simian agent virus 12	p140
Papovaviridae	Polyomavirus	SV40 virus	Simian virus 40	p140
Papovaviridae	Papillomavirus	Rabbit (Shope) papilloma virus	Cottontail rabbit papillomavirus (Shope)	p141
Papovaviridae	Papillomavirus	Canine papilloma virus	Canine oral papillomavirus	p141
Papovaviridae	Papillomavirus	Deer papilloma virus	Deer papillomavirus	p141
Papovaviridae	Papillomavirus	Equine papilloma virus	Equine papillomavirus	p141
Papovaviridae	Papillomavirus	Ovine papilloma virus	Sheep papillomavirus	p141
Inoviridae	Plectrovirus	Phage MVL51	Acholeplasma phage L51	p151
Inoviridae	Plectrovirus	Phage 10tur	Acholeplasma phage 10tur	p151
Inoviridae	Plectrovirus	Phage MVG51	Acholeplasma phage MVG51	p151
Inoviridae	Plectrovirus	Phage MV-L1	Acholeplasma phage MV-L1	p151
Inoviridae	Plectrovirus	Phage O3clr	Acholeplasma phage Oc1r	p151
Inoviridae	Plectrovirus	Phage SV1	Spiroplasma phage 1	p151
Microviridae	Microvirus	Phage phiX 174	Coliphage phiX 174	p155
Microviridae	Microvirus	Phage 1phi1	Coliphage 1phi1	p155
Microviridae	Microvirus	Phage 1phi3	Coliphage 1phi3	p155
Microviridae	Microvirus	Phage 1phi7	Coliphage 1phi7	p155

Family	Genus	Old name	New name	Ref
Microviridae	Microvirus	Phage 1phi9	Coliphage 1phi9	p155
Microviridae	Microvirus	Phage 2D/13	Coliphage 2D/13	p155
Microviridae	Microvirus	Phage alpha10	Coliphage alpha10	p155
Microviridae	Microvirus	Phage alpha3	Coliphage alpha3	p155
Microviridae	Microvirus	Phage BE/1	Coliphage BE/1	p155
Microviridae	Microvirus	Phage delta1	Coliphage delta1	p155
Microviridae	Microvirus	Phage dphi3	Coliphage dphi3	p155
Microviridae	Microvirus	Phage dphi4	Coliphage dphi4	p155
Microviridae	Microvirus	Phage dphi5	Coliphage dphi5	p155
Microviridae	Microvirus	Phage phiA	Coliphage phiA	p155
Microviridae	Microvirus	Phage eta8	Coliphage eta8	p156
Microviridae	Microvirus	Phage G13	Coliphage G13	p156
Microviridae	Microvirus	Phage G14	Coliphage G14	p156
Microviridae	Microvirus	Phage G4	Coliphage G4	p156
Microviridae	Microvirus	Phage G6	Coliphage G6	p156
Microviridae	Microvirus	Phage M20	Coliphage M20	p156
Microviridae	Microvirus	Phage omicron6	Coliphage omicron6	p156
Microviridae	Microvirus	Phage phiR	Coliphage phiR	p156
Microviridae	Microvirus	Phage S13	Coliphage S13	p156
Microviridae	Microvirus	Phage St-1	Coliphage St-1	p156
Microviridae	Microvirus	Phage U3	Coliphage U3	p156
Microviridae	Microvirus	Phage WA/1	Coliphage WA/1	p156
Microviridae	Microvirus	Phage WF/1	Coliphage WF/1	p156
Microviridae	Microvirus	Phage WW/1	Coliphage WW/1	p156
Microviridae	Microvirus	Phage zeta3	Coliphage zeta3	p156
Microviridae	Spiromicrovirus	Spiroplasma virus SpV4	Spiroplasma phage 4	p156
Geminiviridae	Geminivirus subgroup III	Tigre disease virus	Pepper mild tigré virus	p163
Geminiviridae	Geminivirus subgroup III	Rhynchosia mosaic virus	Rhynchosia mosaic virus	p163
Geminiviridae	Geminivirus subgroup III	Tomato yellow leaf curl virus	Tomato yellow leaf curl virus - Is	p164
Parvoviridae	Parvovirus	Minute virus of mice	Mice minute virus	p174
Parvoviridae	Parvovirus	Rat virus	Kilham rat virus	p174
Parvoviridae	Parvovirus	RT virus	RT parvovirus	p174
Parvoviridae	Parvovirus	TVX virus	Tumor virus X	p174
Parvoviridae	Densovirus	Galleria densovirus	Galleria mellonella densovirus	p176
Parvoviridae	Densovirus	Junonia densovirus	Junonia coenia densovirus	p176
Retroviridae	Mammalian type C retrovirus group	Murine sarcoma and leukemia virus	Murine leukemia virus	p198
Retroviridae	Mammalian type C retrovirus group	Avian reticuloendotheliosis virus	Reticuloendotheliosis virus	p198
Retroviridae	Mammalian type C retrovirus group	Feline sarcoma and leukemia virus	Feline leukemia virus	p198
Retroviridae	Avian type C retrovirus group	Avian leukosis virus	Avian leukosis virus - RSA	p199
Retroviridae	HTLV-BLV group	Human T-cell lymphotropic virus 1	Human T-lymphotropic virus 1	p200
Retroviridae	HTLV-BLV group	Human T-cell lymphotropic virus 2	Human T-lymphotropic virus 2	p200
Retroviridae	HTLV-BLV group	Simian T-cell lymphotropic virus	Simian T-lymphotropic virus	p200
Retroviridae	Lentivirus	Caprine arthritis/encephalitis virus	Caprine arthritis encephalitis virus	p202
Retroviridae	Spumavirus	Human foamy virus	Human spumavirus	p204
Cystoviridae	Cystovirus	Phage phi6	Pseudomonas phage phi6	p207

Family	Genus	Old name	New name	Ref
Reoviridae	Orthoreovirus	Reovirus type 1	Mammalian reovirus 1	p213
Reoviridae	Rotavirus	Human rotavirus	Simian rotavirus SA11	p219
Reoviridae	Aquareovirus	Channel catfish reovirus	Group D aquareovirus	p226
Reoviridae	Aquareovirus	Chum salmon virus	Group A aquareovirus	p227
Reoviridae	Cypovirus	Bombyx mori cytoplasmic polyhedrosis virus	Bombyx mori cypovirus 1	p227
Totiviridae	Totivirus	Helminthosporium victoriae 190S virus	Helminthosporium victoriae virus 190S	p248
Totiviridae	Leishmanivirus	Leishmania RNA virus 1-1	Leishmania RNA virus 1 - 1	p251
Hypoviridae	Hypovirus	Cryphonectria hypovirus 1-713	Cryphonectria hypovirus 1-EP713	p263
Paramyxoviridae	Paramyxovirus	Parainfluenza virus 1	Human parainfluenza virus 1	p271
Paramyxoviridae	Paramyxovirus	Parainfluenza virus 3	Human parainfluenza virus 3	p271
Paramyxoviridae	Pneumovirus	Respiratory syncytial virus	Human respiratory syncytial virus	p273
Rhabdoviridae	Vesiculovirus	Vesicular stomatitis virus	Vesicular stomatitis Indiana virus	p280
Orthomyxoviridae	Influenza virus A and B	Influenza virus A	Influenza A virus	p297
Orthomyxoviridae	Influenza virus A and B	Influenza virus B	Influenza B virus	p297
Orthomyxoviridae	Influenza virus C	Influenza virus C	Influenza C virus	p297
Leviviridae	Levivirus	Phage f2	Enterobacteria phage f2	p326
Leviviridae	Levivirus	Phage fr	Enterobacteria phage fr	p326
Leviviridae	Levivirus	Phage M12	Enterobacteria phage M12	p326
Leviviridae	Levivirus	Phage R17	Enterobacteria phage R17	p326
Leviviridae	Unassigned	Phage PP7	Caulobacter phage PP7	p326
Leviviridae	Allolevivirus	Phage Qbeta	Enterobacteria phage Qbeta	p327
Leviviridae	Allolevivirus	Phage SP	Enterobacteria phage SP	p327
Leviviridae	Levivirus	Phage MS2	Enterobacteria phage MS2	p327
Leviviridae	Unassigned	Phage alpha15	Enterobacteria phage alpha15	p327
Leviviridae	Unassigned	Phage B6	Enterobacteria phage B6	p327
Leviviridae	Unassigned	Phage B7	Enterobacteria phage B7	p327
Leviviridae	Unassigned	Phage beta	Enterobacteria phage beta	p327
Leviviridae	Unassigned	Phage C-1	Enterobacteria phage C-1	p327
Leviviridae	Unassigned	phage C2	Enterobacteria phage C2	p327
Leviviridae	Unassigned	Phage fcan	Enterobacteria phage fcan	p327
Leviviridae	Unassigned	Phage Folac	Enterobacteria phage Folac	p327
Leviviridae	Unassigned	Phage Ialpha	Enterobacteria phage Ialpha	p327
Leviviridae	Unassigned	phage M	Enterobacteria phage M	p327
Leviviridae	Unassigned	Phage mu2	Enterobacteria phage mu2	p327
Leviviridae	Unassigned	Phage phiCb12r	Caulobacter phage phiCb12r	p327
Leviviridae	Unassigned	Phage phiCb2	Caulobacter phage phiCb2	p327
Leviviridae	Unassigned	Phage phiCb23r	Caulobacter phage phiCb23r	p327
Leviviridae	Unassigned	Phage phiCb4	Caulobacter phage phiCb4	p327
Leviviridae	Unassigned	Phage phiCb5	Caulobacter phage phiCb5	p327
Leviviridae	Unassigned	Phage phiCb8r	Caulobacter phage phiCb8r	p327
Leviviridae	Unassigned	Phage phiCb9	Caulobacter phage phiCb9	p327
Leviviridae	Unassigned	Phage phiCP18	Caulobacter phage phiCP18	p327
Leviviridae	Unassigned	Phage phiCP2	Caulobacter phage phiCP2	p327
Leviviridae	Unassigned	Phage phiCr14	Caulobacter phage phiCr14	p327
Leviviridae	Unassigned	Phage phiCr28	Caulobacter phage phiCr28	p327
Leviviridae	Unassigned	phage pilHalpha	Enterobacteria phage pilHalpha	p327
Leviviridae	Unassigned	Phage R23	Enterobacteria phage R23	p327

Family	Genus	Old name	New name	Ref
Leviviridae	Unassigned	Phage R34	Enterobacteria phage R34	p327
Leviviridae	Unassigned	Phage ZG/1	Enterobacteria phage ZG/1	p327
Leviviridae	Unassigned	Phage ZIK/1	Enterobacteria phage ZIK/1	p327
Leviviridae	Unassigned	Phage ZJ/1	Enterobacteria phage ZJ/1	p327
Leviviridae	Unassigned	Phage ZL/3	Enterobacteria phage ZL/3	p327
Leviviridae	Unassigned	Phage ZS/3	Enterobacteria phage ZS/3	p327
Leviviridae	Unassigned	Phage 7s	Pseudomonas phage 7s	p328
Leviviridae	Unassigned	Phage PRR1	Pseudomonas phage PRR1	p328
Leviviridae	Unassigned	Phage tau	Enterobacteria phage tau	p328
Picornaviridae	Cardiovirus	Murine encephalomyelitis virus	Theiler's murine encephalomyelitis virus	p334
Comoviridae	Nepovirus	Cocoa necrosis virus	Cacao necrosis virus	p346
Potyviridae	Potyvirus	Tomato (Peru) mosaic virus	Peru tomato mosaic virus	p352
Tetraviridae	Unassigned	Nudaurelia beta virus	Nudaurelia capensis beta virus	p374
Unassigned	Luteovirus	Bean leaf roll virus	Bean leafroll virus	p381
Unassigned	Luteovirus	Potato leaf roll virus	Potato leafroll virus	p381
Flaviviridae	Flavivirus	San Vieja virus	Sal Vieja virus	p421
Flaviviridae	Hepatitis virus C group	Hepatitis virus C	Hepatitis C virus	p424
Flaviviridae	Pestivirus	Bovine viral diarrhea virus	Bovine diarrhea virus	p424
Flaviviridae	Pestivirus	Hog cholera (European swine fever) virus	Hog cholera virus	p424
Bromoviridae	Iilarvirus	Asparagus virus II	Asparagus virus 2	p454
Bromoviridae	Iilarvirus	Blueberry scorch virus	Blueberry shock virus	p454
Unassigned	Closterovirus	Sugar beet yellows virus	Beet yellows virus	p463
Unassigned	Carlavirus	Hop (American) latent virus	American hop latent virus	p476
Unassigned	Potexvirus	Asparagus virus III	Asparagus virus 3	p481
Unassigned	Viroids	Tomato planto macho viroid	Tomato planta macho viroid	p496

* It is not clear that it was intended that these 'O' and 'L' suffixes should become part of the official species names, but that became subsequent practice.

6. New families, genera and groups that are listed

The new family Astroviridae with a single new genus Astrovirus (p364). **No records of relevant proposals or discussions can be found in the EC minutes.**

Also the following:

Genus/ group name	Family	Reference
Goldfish virus 1-like viruses	Iridoviridae	p98
Rubulavirus	Paramyxoviridae	p272*
Thogoto-like viruses	Orthomyxoviridae	p299
Nudaurelia capensis omega-like viruses	Tetraviridae	p374
Nudaurelia capensis beta-like viruses	Tetraviridae	p374

* EC minutes (1993) indicate that this genus had been incorporated into the the draft Sixth Report without official approval. The EC agreed that it could be permitted (EC22/2/4/7) and a proposal to formalise the arrangement was ratified at the Jerusalem Congress in 1996 (see 1996_Ratification p2255).

7. New species that are listed

Family	Subfamily	Genus	Species	Ref
Myoviridae		T4-like phages	Aeromonas phage 44RR2.8t	p53
Myoviridae		T4-like phages	Aeromonas phage 65	p53
Myoviridae		T4-like phages	Aeromonas phage Aeh1	p53
Myoviridae		T4-like phages	Vibrio phage nt-1	p53
Myoviridae		Unassigned	Actinomycetes phage 108/016	p53
Myoviridae		Unassigned	Actinomycetes phage SK1	p53
Myoviridae		Unassigned	Aeromonas phage 29	p53
Myoviridae		Unassigned	Aeromonas phage 37	p53
Myoviridae		Unassigned	Aeromonas phage 43	p53
Myoviridae		Unassigned	Aeromonas phage 51	p53
Myoviridae		Unassigned	Aeromonas phage 59.1	p53
Myoviridae		Unassigned	Aeromonas phage Aeh2	p53
Myoviridae		Unassigned	Agrobacterium phage PIIBNV6	p53
Myoviridae		Unassigned	Alcaligenes phage A6	p53
Myoviridae		Unassigned	Bacillus phage G	p53
Myoviridae		Unassigned	Bacillus phage MP13	p53
Myoviridae		Unassigned	Bacillus phage PBS1	p53
Myoviridae		Unassigned	Bacillus phage SP10	p54
Myoviridae		Unassigned	Bacillus phage SP15	p54
Myoviridae		Unassigned	Bacillus phage SP3	p54
Myoviridae		Unassigned	Bacillus phage SP50	p54
Myoviridae		Unassigned	Bacillus phage SP8	p54
Myoviridae		Unassigned	Bacillus phage SPy-2	p54
Myoviridae		Unassigned	Bacillus phage SST	p54
Myoviridae		Unassigned	Clostridium phage Cebeta	p54
Myoviridae		Unassigned	Clostridium phage HM3	p54
Myoviridae		Unassigned	Coryneforms phage A19	p54
Myoviridae		Unassigned	Cyanobacteria phage AS-1	p54
Myoviridae		Unassigned	Cyanobacteria phage N1	p54
Myoviridae		Unassigned	Cyanobacteria phage S-6(L)	p54
Myoviridae		Unassigned	Enterobacteria phage 01	p54
Myoviridae		Unassigned	Enterobacteria phage 121	p54
Myoviridae		Unassigned	Enterobacteria phage 16-19	p54
Myoviridae		Unassigned	Enterobacteria phage 9266	p54
Myoviridae		Unassigned	Enterobacteria phage Beccles	p54
Myoviridae		Unassigned	Enterobacteria phage FC3-9	p54
Myoviridae		Unassigned	Enterobacteria phage K19	p54
Myoviridae		Unassigned	Enterobacteria phage Mu	p54
Myoviridae		Unassigned	Enterobacteria phage P1	p54
Myoviridae		Unassigned	Enterobacteria phage P2	p54
Myoviridae		Unassigned	Enterobacteria phage phi92	p54
Myoviridae		Unassigned	Enterobacteria phage ViI	p54
Myoviridae		Unassigned	Lactobacillus phage 222a	p54
Myoviridae		Unassigned	Lactobacillus phage fri	p54
Myoviridae		Unassigned	Lactobacillus phage hv	p54
Myoviridae		Unassigned	Lactobacillus phage hw	p54
Myoviridae		Unassigned	Listera phage 4211	p54
Myoviridae		Unassigned	Mollicutes phage Br1	p54
Myoviridae		Unassigned	Mycobacterium phage I3	p54
Myoviridae		Unassigned	Pasteurella phage AU	p54
Myoviridae		Unassigned	Pseudomonas phage 12S	p54
Myoviridae		Unassigned	Pseudomonas phage PB-1	p54

Family	Subfamily	Genus	Species	Ref
Myoviridae		Unassigned	Pseudomonas phage Phi1	p54
Myoviridae		Unassigned	Pseudomonas phage phiKZ	p54
Myoviridae		Unassigned	Pseudomonas phage PhiW-14	p54
Myoviridae		Unassigned	Pseudomonas phage PP8	p54
Myoviridae		Unassigned	Pseudomonas phage PS17	p54
Myoviridae		Unassigned	Rhizobium phage CM1	p54
Myoviridae		Unassigned	Rhizobium phage CT4	p54
Myoviridae		Unassigned	Rhizobium phage m	p54
Myoviridae		Unassigned	Rhizobium phage phigal-1-R	p54
Myoviridae		Unassigned	Rhizobium phage WT1	p54
Myoviridae		Unassigned	Staphylococcus phage Twort	p54
Myoviridae		Unassigned	Vibrio phage 06N-22P	p54
Myoviridae		Unassigned	Vibrio phage II	p54
Myoviridae		Unassigned	Vibrio phage kappa	p54
Myoviridae		Unassigned	Vibrio phage X29	p54
Myoviridae		Unassigned	Vibrio phageVP1	p54
Myoviridae		Unassigned	Xanthomonas phage XP5	p54
Siphoviridae		Unassigned	Actinomycetes phage 119	p57
Siphoviridae		Unassigned	Actinomycetes phage A1-Dat	p57
Siphoviridae		Unassigned	Actinomycetes phage Bir	p57
Siphoviridae		Unassigned	Actinomycetes phage M1	p57
Siphoviridae		Unassigned	Actinomycetes phage MSP8	p57
Siphoviridae		Unassigned	Actinomycetes phage P-a-1	p57
Siphoviridae		Unassigned	Actinomycetes phage phi115-A	p57
Siphoviridae		Unassigned	Actinomycetes phage phi150A	p57
Siphoviridae		Unassigned	Actinomycetes phage phi31C	p57
Siphoviridae		Unassigned	Actinomycetes phage phiC	p57
Siphoviridae		Unassigned	Actinomycetes phage phiUW21	p57
Siphoviridae		Unassigned	Actinomycetes phage R1	p57
Siphoviridae		Unassigned	Actinomycetes phage R2	p57
Siphoviridae		Unassigned	Actinomycetes phage SV2	p57
Siphoviridae		Unassigned	Actinomycetes phage VP5	p57
Siphoviridae		Unassigned	Agrobacterium phage PS8	p57
Siphoviridae		Unassigned	Agrobacterium phage psi	p57
Siphoviridae		Unassigned	Agrobacterium phage PT11	p57
Siphoviridae		Unassigned	Alcaligenes phage 8764	p57
Siphoviridae		Unassigned	Alcaligenes phage A5/A6	p57
Siphoviridae		Unassigned	Bacillus phage 1A	p57
Siphoviridae		Unassigned	Bacillus phage alpha	p57
Siphoviridae		Unassigned	Bacillus phage BLE	p57
Siphoviridae		Unassigned	Bacillus phage II	p57
Siphoviridae		Unassigned	Bacillus phage Ipy-1	p57
Siphoviridae		Unassigned	Bacillus phage mor1	p57
Siphoviridae		Unassigned	Bacillus phage MP15	p57
Siphoviridae		Unassigned	Bacillus phage PBP1	p57
Siphoviridae		Unassigned	Bacillus phage phi105	p57
Siphoviridae		Unassigned	Bacillus phage Spbeta	p57
Siphoviridae		Unassigned	Bacillus phage SPP1	p57
Siphoviridae		Unassigned	Bacillus phage type F	p57
Siphoviridae		Unassigned	Clostridium phage F1	p57
Siphoviridae		Unassigned	Clostridium phage HM7	p57
Siphoviridae		Unassigned	Coryneforms phage A	p57
Siphoviridae		Unassigned	Coryneforms phage Arp	p57
Siphoviridae		Unassigned	Coryneforms phage beta	p57

Family	Subfamily	Genus	Species	Ref
Siphoviridae		Unassigned	Coryneforms phage BL3	p57
Siphoviridae		Unassigned	Coryneforms phage CONX	p57
Siphoviridae		Unassigned	Coryneforms phage MT	p57
Siphoviridae		Unassigned	Coryneforms phage phiA8010	p57
Siphoviridae		Unassigned	Cyanobacteria phage S-2L	p58
Siphoviridae		Unassigned	Cyanobacteria phage S-4L	p58
Siphoviridae		Unassigned	Enterobacteria phage beta4	p58
Siphoviridae		Unassigned	Enterobacteria phage chi	p58
Siphoviridae		Unassigned	Enterobacteria phage H-19J	p58
Siphoviridae		Unassigned	Enterobacteria phage Jersey	p58
Siphoviridae		Unassigned	Enterobacteria phage T5	p58
Siphoviridae		Unassigned	Enterobacteria phage VIII	p58
Siphoviridae		Unassigned	Enterobacteria phage ZG/3A	p58
Siphoviridae		Unassigned	Lactobacillus phage 1b6	p58
Siphoviridae		Unassigned	Lactobacillus phage 223	p58
Siphoviridae		Unassigned	Lactobacillus phage phiFSW	p58
Siphoviridae		Unassigned	Lactobacillus phage PL-1	p58
Siphoviridae		Unassigned	Lactobacillus phage y5	p58
Siphoviridae		Unassigned	Lactococcus phage 1358	p58
Siphoviridae		Unassigned	Lactococcus phage 1483	p58
Siphoviridae		Unassigned	Lactococcus phage 936	p58
Siphoviridae		Unassigned	Lactococcus phage 949	p58
Siphoviridae		Unassigned	Lactococcus phage BK5-T	p58
Siphoviridae		Unassigned	Lactococcus phage c2	p58
Siphoviridae		Unassigned	Lactococcus phage P107	p58
Siphoviridae		Unassigned	Lactococcus phage P335	p58
Siphoviridae		Unassigned	Lactococcus phage PO87	p58
Siphoviridae		Unassigned	Leuconostoc phage pro2	p58
Siphoviridae		Unassigned	Listeria phage 2389	p58
Siphoviridae		Unassigned	Listeria phage 2671	p58
Siphoviridae		Unassigned	Listeria phage 2685	p58
Siphoviridae		Unassigned	Listeria phage H387	p58
Siphoviridae		Unassigned	Micrococcus phage N1	p58
Siphoviridae		Unassigned	Micrococcus phage N5	p58
Siphoviridae		Unassigned	Mycobacterium phage lacticola	p58
Siphoviridae		Unassigned	Mycobacterium phage Leo	p58
Siphoviridae		Unassigned	Mycobacterium phage R1-Myb	p58
Siphoviridae		Unassigned	Pasteurella phage 32	p58
Siphoviridae		Unassigned	Pasteurella phage C-2	p58
Siphoviridae		Unassigned	Pseudomonas phage D3	p58
Siphoviridae		Unassigned	Pseudomonas phage Kf1	p58
Siphoviridae		Unassigned	Pseudomonas phage M6	p58
Siphoviridae		Unassigned	Pseudomonas phage PS4	p58
Siphoviridae		Unassigned	Pseudomonas phage SD1	p58
Siphoviridae		Unassigned	Rhizobium phage 16-2-12	p58
Siphoviridae		Unassigned	Rhizobium phage 317	p58
Siphoviridae		Unassigned	Rhizobium phage 5	p58
Siphoviridae		Unassigned	Rhizobium phage 7-7-7	p58
Siphoviridae		Unassigned	Rhizobium phage NM1	p58
Siphoviridae		Unassigned	Rhizobium phage NT2	p58
Siphoviridae		Unassigned	Rhizobium phage phi2037/1	p58
Siphoviridae		Unassigned	Staphylococcus phage 107	p58
Siphoviridae		Unassigned	Staphylococcus phage 187	p58
Siphoviridae		Unassigned	Staphylococcus phage 2848A	p58

Family	Subfamily	Genus	Species	Ref
Siphoviridae		Unassigned	Staphylococcus phage 3A	p58
Siphoviridae		Unassigned	Staphylococcus phage 77	p58
Siphoviridae		Unassigned	Staphylococcus phage B11-M15	p58
Siphoviridae		Unassigned	Streptococcus phage 24	p58
Siphoviridae		Unassigned	Streptococcus phage A25	p58
Siphoviridae		Unassigned	Streptococcus phage PE1	p58
Siphoviridae		Unassigned	Streptococcus phage omega8	p59
Siphoviridae		Unassigned	Streptococcus phage VD13	p59
Siphoviridae		Unassigned	Vibrio phage alpha3a	p59
Siphoviridae		Unassigned	Vibrio phage IV	p59
Siphoviridae		Unassigned	Vibrio phage OXN-52P	p59
Siphoviridae		Unassigned	Vibrio phage VP11	p59
Siphoviridae		Unassigned	Vibrio phage VP3	p59
Siphoviridae		Unassigned	Vibrio phage VP5	p59
Podoviridae		T7-like phages	Enterobacteria phage Y	p61
Podoviridae		T7-like phages	Pseudomonas phage gh-1	p61
Podoviridae		T7-like phages	Rhizobium phage 2	p61
Podoviridae		T7-like phages	Vibrio phage III	p61
Podoviridae		Unassigned	Bacillus phage GA-1	p62
Podoviridae		Unassigned	Bacillus phage phi29	p62
Podoviridae		Unassigned	Bacillus phage Tb	p62
Podoviridae		Unassigned	Clostridium phage HM2	p62
Podoviridae		Unassigned	Coryneforms phage 7/26	p62
Podoviridae		Unassigned	Coryneforms phage AN25S-1	p62
Podoviridae		Unassigned	Cyanobacteria phage A-4(L)	p62
Podoviridae		Unassigned	Cyanobacteria phage AC-1	p62
Podoviridae		Unassigned	Cyanobacteria phage LPP-1	p62
Podoviridae		Unassigned	Cyanobacteria phage SM-1	p62
Podoviridae		Unassigned	Enterobacteria phage 7-11	p62
Podoviridae		Unassigned	Enterobacteria phage 7480b	p62
Podoviridae		Unassigned	Enterobacteria phage Esc-7-11	p62
Podoviridae		Unassigned	Enterobacteria phage N4	p62
Podoviridae		Unassigned	Enterobacteria phage omega8	p62
Podoviridae		Unassigned	Enterobacteria phage P22	p62
Podoviridae		Unassigned	Enterobacteria phage sd	p62
Podoviridae		Unassigned	Lactococcus phage KSY1	p62
Podoviridae		Unassigned	Lactococcus phage PO34	p62
Podoviridae		Unassigned	Mollicutes phage C3	p62
Podoviridae		Unassigned	Mollicutes phage L3	p62
Podoviridae		Unassigned	Mycobacterium phage phi17	p62
Podoviridae		Unassigned	Pasteurella phage 22	p62
Podoviridae		Unassigned	Pseudomonas phage F116	p62
Podoviridae		Unassigned	Rhizobium phage phi2042	p62
Podoviridae		Unassigned	Staphylococcus phage 44AHJD	p62
Podoviridae		Unassigned	Streptococcus phage 182	p62
Podoviridae		Unassigned	Streptococcus phage 2BV	p62
Podoviridae		Unassigned	Streptococcus phage CP-1	p62
Podoviridae		Unassigned	Streptococcus phage Cvir	p62
Podoviridae		Unassigned	Streptococcus phage H39	p62
Podoviridae		Unassigned	Vibrio phage 4996	p62
Podoviridae		Unassigned	Vibrio phage I	p62
Podoviridae		Unassigned	Vibrio phage OXN-100P	p62
Podoviridae		Unassigned	Xanthomonas phage RR66	p62
Plasmaviridae		Plasmavirus	Acholeplasma phage M1	p72

Family	Subfamily	Genus	Species	Ref
Plasmaviridae		Plasmavirus	Acholeplasma phage O1	p72
Plasmaviridae		Plasmavirus	Acholeplasma phage v1	p72
Plasmaviridae		Plasmavirus	Acholeplasma phage v2	p72
Plasmaviridae		Plasmavirus	Acholeplasma phage v4	p72
Plasmaviridae		Plasmavirus	Acholeplasma phage v5	p72
Plasmaviridae		Plasmavirus	Acholeplasma phage v7	p72
Lipothrixviridae		Lipothrixvirus	Thermoproteus virus 2	p75
Lipothrixviridae		Lipothrixvirus	Thermoproteus virus 3	p75
Lipothrixviridae		Lipothrixvirus	Thermoproteus virus 4	p75
Poxviridae	Chordopoxvirinae	Orthopoxvirus	Volepox virus	p84
Poxviridae	Chordopoxvirinae	Parapoxvirus	Parapoxvirus of red deer in New Zealand	p84
Poxviridae	Chordopoxvirinae	Avipoxvirus	Mynahpox virus	p85
Iridoviridae		Goldfish virus 1-like viruses	Goldfish virus 1	p98
Iridoviridae		Goldfish virus 1-like viruses	Goldfish virus 2	p98
Iridoviridae		Lymphocystivirus	Flounder virus	p98
Baculoviridae		Nucleopolyhedrovirus	Anticarisia gemmatalis multiple nucleopolyhedrovirus	p107
Baculoviridae		Nucleopolyhedrovirus	Galleria mellonealla multiple nucleopolyhedrovirus	p107
Baculoviridae		Nucleopolyhedrovirus	Lymantria dispar multiple nucleopolyhedrovirus	p107
Baculoviridae		Nucleopolyhedrovirus	Orgyia pseudotsugata single nucleopolyhedrovirus	p107
Baculoviridae		Nucleopolyhedrovirus	Rachiplusia ou multiple nucleopolyhedrovirus	p107
Baculoviridae		Nucleopolyhedrovirus	Spodoptera exigua multiple nucleopolyhedrovirus	p107
Baculoviridae		Nucleopolyhedrovirus	Spodoptera frugiperda multiple nucleopolyhedrovirus	p107
Baculoviridae		Nucleopolyhedrovirus	Trichoplusia ni multiple nucleopolyhedrovirus	p107
Herpesviridae	Alphaherpesvirinae	Simplexvirus	Herpes virus B	p119
Herpesviridae	Alphaherpesvirinae	Unassigned	Anatid herpesvirus 1	p120
Herpesviridae	Alphaherpesvirinae	Unassigned	Ateline herpesvirus 1	p120
Herpesviridae	Alphaherpesvirinae	Unassigned	Bovine herpesvirus 5	p120
Herpesviridae	Alphaherpesvirinae	Unassigned	Canid herpesvirus 1	p120
Herpesviridae	Alphaherpesvirinae	Unassigned	Caprine herpesvirus 1	p120
Herpesviridae	Alphaherpesvirinae	Unassigned	Cercopithecine herpesvirus 2	p120
Herpesviridae	Alphaherpesvirinae	Unassigned	Cercopithecine herpesvirus 6	p120
Herpesviridae	Alphaherpesvirinae	Unassigned	Cercopithecine herpesvirus 7	p120
Herpesviridae	Alphaherpesvirinae	Unassigned	Cercopithecine herpesvirus 9	p120
Herpesviridae	Alphaherpesvirinae	Unassigned	Cervid herpesvirus 1	p120
Herpesviridae	Alphaherpesvirinae	Unassigned	Cervid herpesvirus 2	p120
Herpesviridae	Alphaherpesvirinae	Unassigned	Equid herpesvirus 3	p121
Herpesviridae	Alphaherpesvirinae	Unassigned	Equid herpesvirus 6	p121
Herpesviridae	Alphaherpesvirinae	Unassigned	Equid herpesvirus 8	p121
Herpesviridae	Alphaherpesvirinae	Unassigned	Felid herpesvirus 1	p121
Herpesviridae	Alphaherpesvirinae	Unassigned	Gallid herpesvirus 1	p121
Herpesviridae	Alphaherpesvirinae	Unassigned	Macropodid herpesvirus 1	p121
Herpesviridae	Alphaherpesvirinae	Unassigned	Macropodid herpesvirus 2	p121
Herpesviridae	Alphaherpesvirinae	Unassigned	Saimiriine herpesvirus 1	p121
Herpesviridae	Betaherpesvirinae	Unassigned	Aotine herpesvirus 1	p122
Herpesviridae	Betaherpesvirinae	Unassigned	Aotine herpesvirus 3	p122

Family	Subfamily	Genus	Species	Ref
Herpesviridae	Betaherpesvirinae	Unassigned	Callitrichine herpesvirus 2	p122
Herpesviridae	Betaherpesvirinae	Unassigned	Caviid herpesvirus 2	p122
Herpesviridae	Betaherpesvirinae	Unassigned	Cebine herpesvirus 1	p122
Herpesviridae	Betaherpesvirinae	Unassigned	Cebine herpesvirus 2	p122
Herpesviridae	Betaherpesvirinae	Unassigned	Cercopithecine herpesvirus 3	p122
Herpesviridae	Betaherpesvirinae	Unassigned	Cercopithecine herpesvirus 4	p122
Herpesviridae	Betaherpesvirinae	Unassigned	Cercopithecine herpesvirus 5	p123
Herpesviridae	Betaherpesvirinae	Unassigned	Cercopithecine herpesvirus 8	p123
Herpesviridae	Betaherpesvirinae	Unassigned	Cricetid herpesvirus	p123
Herpesviridae	Betaherpesvirinae	Unassigned	Equid herpesvirus 2	p123
Herpesviridae	Betaherpesvirinae	Unassigned	Equid herpesvirus 5	p123
Herpesviridae	Betaherpesvirinae	Unassigned	Equid herpesvirus 7	p123
Herpesviridae	Betaherpesvirinae	Unassigned	Murid herpesvirus 2	p123
Herpesviridae	Betaherpesvirinae	Unassigned	Sciurid herpesvirus	p123
Herpesviridae	Betaherpesvirinae	Unassigned	Suid herpesvirus 2	p123
Herpesviridae	Gammaherpesvirinae	Lymphocryptovirus	Cercopithecine herpesvirus 14	p123
Herpesviridae	Gammaherpesvirinae	Lymphocryptovirus	Cercopithecine herpesvirus 15	p124
Herpesviridae	Gammaherpesvirinae	Lymphocryptovirus	Pongine herpesvirus 2	p124
Herpesviridae	Gammaherpesvirinae	Lymphocryptovirus	Pongine herpesvirus 3	p124
Herpesviridae	Gammaherpesvirinae	Unassigned	Alcelaphine herpesvirus 1	p124
Herpesviridae	Gammaherpesvirinae	Unassigned	Alcelaphine herpesvirus 2	p124
Herpesviridae	Gammaherpesvirinae	Unassigned	Bovine herpesvirus 4	p124
Herpesviridae	Gammaherpesvirinae	Unassigned	Caviid herpesvirus 1	p124
Herpesviridae	Gammaherpesvirinae	Unassigned	Leporid herpesvirus 1	p124
Herpesviridae	Gammaherpesvirinae	Unassigned	Marmosid herpesvirus 1	p124
Herpesviridae	Gammaherpesvirinae	Unassigned	Meleagrid herpesvirus 1	p124
Herpesviridae	Gammaherpesvirinae	Unassigned	Murid herpesvirus 4	p125
Herpesviridae	Gammaherpesvirinae	Unassigned	Ovine herpesvirus 2	p125
Adenoviridae		Aviadenovirus	Fowl adenovirus 10	p132
Adenoviridae		Aviadenovirus	Fowl adenovirus 11	p132
Adenoviridae		Aviadenovirus	Fowl adenovirus 12	p132
Adenoviridae		Aviadenovirus	Fowl adenovirus 3	p132
Adenoviridae		Aviadenovirus	Fowl adenovirus 4	p132
Adenoviridae		Aviadenovirus	Fowl adenovirus 5	p132
Adenoviridae		Aviadenovirus	Fowl adenovirus 6	p132
Adenoviridae		Aviadenovirus	Fowl adenovirus 7	p132
Adenoviridae		Aviadenovirus	Fowl adenovirus 8	p132
Adenoviridae		Aviadenovirus	Fowl adenovirus 9	p132
Adenoviridae		Mastadenovirus	Porcine adenovirus 5	p132
Adenoviridae		Mastadenovirus	Porcine adenovirus 6	p132
Adenoviridae		Mastadenovirus	Tree shrew adenovirus 1	p132
Papovaviridae		Polyomavirus	Budgerigar fledgling disease virus	p140
Papovaviridae		Polyomavirus	Hamster polyomavirus	p140
Papovaviridae		Papillomavirus	Chaffinch papillomavirus	p141
Papovaviridae		Papillomavirus	Elephant papillomavirus	p141
Papovaviridae		Papillomavirus	European elk papillomavirus	p141
Papovaviridae		Papillomavirus	Multimammate mouse papillomavirus	p141
Papovaviridae		Papillomavirus	Rabbit oral papillomavirus	p141
Papovaviridae		Papillomavirus	Reindeer papillomavirus	p141
Papovaviridae		Papillomavirus	Rhesus monkey papillomavirus	p141
Polydnviridae		Ichnovirus	Campoletis aprilis virus	p144
Polydnviridae		Ichnovirus	Campoletis flavicineta virus	p144
Polydnviridae		Ichnovirus	Campoletis sp. virus	p145

Family	Subfamily	Genus	Species	Ref
Polydnaviridae		Ichnovirus	Casitaria arjuna virus	p145
Polydnaviridae		Ichnovirus	Casitaria forcipata virus	p145
Polydnaviridae		Ichnovirus	Casitaria infesta virus	p145
Polydnaviridae		Ichnovirus	Casitaria sp. virus	p145
Polydnaviridae		Ichnovirus	Diadegma acronyctae virus	p145
Polydnaviridae		Ichnovirus	Diadegma interruptum virus	p145
Polydnaviridae		Ichnovirus	Diadegma terebrans virus	p145
Polydnaviridae		Ichnovirus	Drusona sp. virus	p145
Polydnaviridae		Ichnovirus	Enytus montanus virus	p145
Polydnaviridae		Ichnovirus	Eriborus terebrans virus	p145
Polydnaviridae		Ichnovirus	Glypta fumiferanae virus	p145
Polydnaviridae		Ichnovirus	Glypta sp. virus	p145
Polydnaviridae		Ichnovirus	Hyposoter annulipes virus	p145
Polydnaviridae		Ichnovirus	Hyposoter exiguae virus	p145
Polydnaviridae		Ichnovirus	Hyposoter fugitivus virus	p145
Polydnaviridae		Ichnovirus	Hyposoter lymantriae virus	p145
Polydnaviridae		Ichnovirus	Hyposoter pilosulus virus	p145
Polydnaviridae		Ichnovirus	Hyposoter rivalis virus	p145
Polydnaviridae		Ichnovirus	Lissonota sp. virus	p145
Polydnaviridae		Ichnovirus	Olesicampe benefactor virus	p145
Polydnaviridae		Ichnovirus	Olesicampe geniculatae virus	p145
Polydnaviridae		Ichnovirus	Synetaeris tenuifemur virus	p145
Polydnaviridae		Ichnovirus	Tranosema sp. virus	p145
Polydnaviridae		Brachovirus	Apanteles crassicornis virus	p146
Polydnaviridae		Brachovirus	Apanteles fumiferanae virus	p146
Polydnaviridae		Brachovirus	Ascogaster argentifrons virus	p146
Polydnaviridae		Brachovirus	Ascogaster quadridentata virus	p146
Polydnaviridae		Brachovirus	Cardiochiles nigriceps virus	p146
Polydnaviridae		Brachovirus	Chelonus altitudinus virus	p146
Polydnaviridae		Brachovirus	Chelonus blackburni virus	p146
Polydnaviridae		Brachovirus	Chelonus insularis virus	p146
Polydnaviridae		Brachovirus	Chelonus nr. curvimaculatus virus	p146
Polydnaviridae		Brachovirus	Chelonus texanus virus	p146
Polydnaviridae		Brachovirus	Cotesia congregata virus	p146
Polydnaviridae		Brachovirus	Cotesia flavipes virus	p146
Polydnaviridae		Brachovirus	Cotesia glomerata virus	p146
Polydnaviridae		Brachovirus	Cotesia hyphantriae virus	p146
Polydnaviridae		Brachovirus	Cotesia kariyai virus	p146
Polydnaviridae		Brachovirus	Cotesia maginiventris virus	p146
Polydnaviridae		Brachovirus	Cotesia rubecula virus	p146
Polydnaviridae		Brachovirus	Cotesia schaeferi virus	p146
Polydnaviridae		Brachovirus	Diolcogaster facetosa virus	p146
Polydnaviridae		Brachovirus	Glyptapanteles flavicoxis virus	p146
Polydnaviridae		Brachovirus	Glyptapanteles indiensis virus	p146
Polydnaviridae		Brachovirus	Glyptapanteles liparidis virus	p146
Polydnaviridae		Brachovirus	Hypomicrogaster canadensis virus	p146
Polydnaviridae		Brachovirus	Hypomicrogaster ectdytolophae virus	p146
Polydnaviridae		Brachovirus	Microplitis croceipes virus	p146
Polydnaviridae		Brachovirus	Microplitis demolitor virus	p146
Polydnaviridae		Brachovirus	Phanerotoma flavitestacea virus	p146
Polydnaviridae		Brachovirus	Pholetesor ornigis virus	p146
Polydnaviridae		Brachovirus	Protapanteles paleacritae virus	p146

Family	Subfamily	Genus	Species	Ref
Inoviridae		Plectrovirus	Spiroplasma phage aa	p151
Microviridae		Microvirus	Coliphage phiB	p155
Microviridae		Microvirus	Coliphage phiC	p155
Microviridae		Microvirus	Coliphage phiK	p155
Geminiviridae		Geminivirus subgroup I	Bromus striate mosaic virus	p160
Geminiviridae		Geminivirus subgroup I	Digitaria striate mosaic virus	p160
Geminiviridae		Geminivirus subgroup I	Panicum streak virus	p160
Geminiviridae		Geminivirus subgroup I	Paspalum striate mosaic virus	p160
Geminiviridae		Geminivirus subgroup I	Sugarcane streak virus	p160
Geminiviridae		Geminivirus subgroup I	Acalypha yellow mosaic virus	p163
Geminiviridae		Geminivirus subgroup III	Ageratum yellow vein virus	p163
Geminiviridae		Geminivirus subgroup III	Asystasia golden mosaic virus	p163
Geminiviridae		Geminivirus subgroup III	Bean calico mosaic virus	p163
Geminiviridae		Geminivirus subgroup III	Bean dwarf mosaic virus	p163
Geminiviridae		Geminivirus subgroup III	Bhendi yellow vein mosaic virus	p163
Geminiviridae		Geminivirus subgroup III	Chino del tomate virus	p163
Geminiviridae		Geminivirus subgroup III	Cotton leaf curl virus	p163
Geminiviridae		Geminivirus subgroup III	Croton yellow vein mosaic virus	p163
Geminiviridae		Geminivirus subgroup III	Dolichos yellow mosaic virus	p163
Geminiviridae		Geminivirus subgroup III	Eclipta yellow vein virus	p163
Geminiviridae		Geminivirus subgroup III	Macrotyloma mosaic virus	p163
Geminiviridae		Geminivirus subgroup III	Okra leaf curl virus	p163
Geminiviridae		Geminivirus subgroup III	Pepper huasteco virus	p163
Geminiviridae		Geminivirus subgroup III	Pseudanthemum yellow vein virus	p163
Geminiviridae		Geminivirus subgroup III	Serrano golden mosaic virus	p163
Geminiviridae		Geminivirus subgroup III	Sida golden mosaic virus	p163
Geminiviridae		Geminivirus subgroup III	Texas pepper virus	p163
Geminiviridae		Geminivirus subgroup III	Tomato leaf crumple virus	p164
Geminiviridae		Geminivirus subgroup III	Tomato mottle virus	p164
Geminiviridae		Geminivirus subgroup III	Tomato yellow leaf curl virus - Sr	p164
Geminiviridae		Geminivirus subgroup III	Tomato yellow leaf curl virus - Th	p164
Geminiviridae		Geminivirus subgroup III	Tomato yellow leaf curl virus - Ye	p164

Family	Subfamily	Genus	Species	Ref
Circoviridae		Circovirus	Beak and feather disease virus	p167
Circoviridae		Circovirus	Porcine circovirus	p167
Parvoviridae	Parvovirinae	Parvovirus	Feline panleukopenia virus	p174
Parvoviridae	Parvovirinae	Parvovirus	Canine minute virus	p174
Parvoviridae	Parvovirinae	Parvovirus	Canine parvovirus	p174
Parvoviridae	Parvovirinae	Parvovirus	Chicken parvovirus	p174
Parvoviridae	Parvovirinae	Parvovirus	HB virus	p174
Parvoviridae	Parvovirinae	Parvovirus	Mink enteritis virus	p174
Parvoviridae	Parvovirinae	Parvovirus	Raccoon parvovirus	p174
Parvoviridae	Parvovirinae	Dependovirus	Adeno-associated virus 5	p175
Parvoviridae	Parvovirinae	Dependovirus	Equine adeno-associated virus	p175
Parvoviridae	Parvovirinae	Dependovirus	Ovine adeno-associated virus	p175
Parvoviridae	Densovirinae	Contravirus	Aedes albopictus densovirus	p177
Unassigned		Badnavirus	Cacao swollen shoot virus	p187
Unassigned		Badnavirus	Canna yellow mottle virus	p187
Unassigned		Badnavirus	Dioscorea bacilliform virus	p187
Unassigned		Badnavirus	Kalanchoe top-spotting virus	p187
Unassigned		Badnavirus	Piper yellow mottle virus	p187
Unassigned		Badnavirus	Rice tungro bacilliform virus	p187
Unassigned		Badnavirus	Schefflera ringspot virus	p187
Retroviridae		Mammalian type C retroviruses	Abelson murine leukemia virus	p198
Retroviridae		Mammalian type C retroviruses	AKR (endogenous) murine leukemia virus	p198
Retroviridae		Mammalian type C retroviruses	Chick syncytial virus	p198
Retroviridae		Mammalian type C retroviruses	Finkel-Biskis-Jinkins murine sarcoma virus	p198
Retroviridae		Mammalian type C retroviruses	Friend murine leukemia virus	p198
Retroviridae		Mammalian type C retroviruses	Gardner-Arnstein feline sarcoma virus	p198
Retroviridae		Mammalian type C retroviruses	Hardy-Zuckerman feline sarcoma virus	p198
Retroviridae		Mammalian type C retroviruses	Harvey murine sarcoma virus	p198
Retroviridae		Mammalian type C retroviruses	Kirsten murine sarcoma virus	p198
Retroviridae		Mammalian type C retroviruses	Moloney murine sarcoma virus	p198
Retroviridae		Mammalian type C retroviruses	Snyder-Theilen feline sarcoma virus	p198
Retroviridae		Mammalian type C retroviruses	Trager duck spleen necrosis virus	p198
Retroviridae		Avian type C retroviruses	Fujinami sarcoma virus	p199
Retroviridae		Avian type C retroviruses	Rous sarcoma virus	p199
Retroviridae		Avian type C retroviruses	UR2 sarcoma virus	p199
Retroviridae		Avian type C retroviruses	Y73 sarcoma virus	p199
Retroviridae		Type D retroviruses	Ovine pulmonary adenocarcinoma virus	p200
Retroviridae		Type D retroviruses	Simian type D virus 1	p200
Reoviridae		Orthoreovirus	Avian reovirus 6	p213
Reoviridae		Orthoreovirus	Avian reovirus 7	p213
Reoviridae		Orthoreovirus	Avian reovirus 8	p213

Family	Subfamily	Genus	Species	Ref
Reoviridae		Orthoreovirus	Avian reovirus 9	p213
Reoviridae		Orthoreovirus	Sommerville virus 4	p213
Reoviridae		Orthoreovirus	WVU virus 2937	p213
Reoviridae		Orthoreovirus	WVU virus 71 to 212	p213
Reoviridae		Orbivirus	Orungo virus	p217
Reoviridae		Orbivirus	Chenuda virus	p218
Reoviridae		Orbivirus	Great Isand virus	p218
Reoviridae		Orbivirus	Umatilla virus	p218
Reoviridae		Orbivirus	Wad Medani virus	p219
Reoviridae		Colitivirus	S6-14-03 virus	p225
Reoviridae		Aquareovirus	Group B aquareovirus	p227
Reoviridae		Aquareovirus	Group E aquareovirus	p227
Reoviridae		Fijivirus	Pangola stunt virus	p234
Reoviridae		Fijivirus	Rice black streaked dwarf virus	p234
Reoviridae		Oryzavirus	Echinochloa ragged stunt virus	p238
Totiviridae		Leishmaniavirus	Leishmania RNA virus 1 - 10	p251
Totiviridae		Leishmaniavirus	Leishmania RNA virus 1 - 11	p251
Totiviridae		Leishmaniavirus	Leishmania RNA virus 1 - 12	p251
Totiviridae		Leishmaniavirus	Leishmania RNA virus 1 - 2	p251
Totiviridae		Leishmaniavirus	Leishmania RNA virus 1 - 3	p251
Totiviridae		Leishmaniavirus	Leishmania RNA virus 1 - 4	p251
Totiviridae		Leishmaniavirus	Leishmania RNA virus 1 - 5	p251
Totiviridae		Leishmaniavirus	Leishmania RNA virus 1 - 6	p251
Totiviridae		Leishmaniavirus	Leishmania RNA virus 1 - 7	p251
Totiviridae		Leishmaniavirus	Leishmania RNA virus 1 - 8	p251
Totiviridae		Leishmaniavirus	Leishmania RNA virus 1 - 9	p251
Totiviridae		Leishmaniavirus	Leishmania RNA virus 2 - 1	p251
Hypoviridae		Hypovirus	Cryphonectria hypovirus 1-EP747	p264
Hypoviridae		Hypovirus	Cryphonectria hypovirus 2-NB58	p264
Paramyxoviridae	Paramyxovirinae	Paramyxovirus	Bovine parainfluenza virus 3	p271
Paramyxoviridae	Paramyxovirinae	Paramyxovirus	Sendai virus	p271
Paramyxoviridae	Paramyxovirinae	Paramyxovirus	Simian parainfluenza virus 10	p271
Paramyxoviridae	Paramyxovirinae	Rubulavirus	Porcine rubulavirus	p272
Paramyxoviridae	Paramyxovirinae	Rubulavirus	Simian parainfluenzavirus 41	p272
Paramyxoviridae	Paramyxovirinae	Rubulavirus	Simian parainfluenzavirus 5	p272
Paramyxoviridae	Paramyxovirinae	Morbillivirus	Dolphin distemper virus	p272
Paramyxoviridae	Paramyxovirinae	Morbillivirus	Porpoise distemper virus	p272
Rhabdoviridae		Unassigned	Bahia Grande virus	p285
Rhabdoviridae		Unassigned	Hart Park virus	p285
Rhabdoviridae		Unassigned	Kern Canyon virus	p285
Rhabdoviridae		Unassigned	Le Dantec virus	p285
Rhabdoviridae		Unassigned	Sawgrass virus	p285
Rhabdoviridae		Unassigned	Timbo virus	p285
Orthomyxoviridae		Thogoto-like viruses	Thogoto virus	p299
Orthomyxoviridae		Thogoto-like viruses	Dhori virus	p299
Bunyaviridae		Bunyavirus	Potosi virus	p305
Bunyaviridae		Hantavirus	Dobrava-Belgrade virus	p309
Bunyaviridae		Hantavirus	Thailand virus	p309
Bunyaviridae		Nairovirus	Dry Tortugas virus	p310
Bunyaviridae		Tospovirus	Impatiens necrotis spot virus	p314
Unassigned		Tenuivirus	Rice hoja blanca virus	p318
Arenaviridae		Arenavirus	SPH 114202 virus	p323
Arenaviridae		Arenavirus	Guanarito virus	p323
Leviviridae		Levivirus	Enterobacteria phage JP501	p326

Family	Subfamily	Genus	Species	Ref
Leviviridae		Levivirus	Enterobacteria phage BZ13	p326
Leviviridae		Levivirus	Enterobacteria phage GA	p326
Leviviridae		Levivirus	Enterobacteria phage JP34	p326
Leviviridae		Levivirus	Enterobacteria phage KU1	p326
Leviviridae		Levivirus	Enterobacteria phage TH1	p326
Leviviridae		Allolevivirus	Enterobacteria phage M11	p327
Leviviridae		Allolevivirus	Enterobacteria phage ST	p327
Leviviridae		Allolevivirus	Enterobacteria phage TW18	p327
Leviviridae		Allolevivirus	Enterobacteria phage VK	p327
Leviviridae		Allolevivirus	Enterobacteria phage FI	p327
Leviviridae		Allolevivirus	Enterobacteria phage ID2	p327
Leviviridae		Allolevivirus	Enterobacteria phage NL95	p327
Leviviridae		Allolevivirus	Enterobacteria phage TW28	p327
Picornaviridae		Enterovirus	Porcine enteroviruses 9-11	p332
Picornaviridae		Rhinovirus	Bovine rhinovirus 3	p333
Picornaviridae		Unassigned	Equine rhinovirus 3	p335
Sequiviridae		Sequivirus	Dandelion yellow mosaic virus	p338
Sequiviridae		Waikavirus	Anthriscus yellows virus	p339
Comoviridae		Comovirus	Pea green mottle virus	p344
Potyviridae		Potyvirus	Chilli veinal mottle virus	p351
Potyviridae		Potyvirus	Bean common mosaic necrosis virus	p351
Potyviridae		Potyvirus	Konjac mosaic virus	p352
Potyviridae		Potyvirus	Rembrandt tulip breaking virus	p352
Potyviridae		Potyvirus	Tulip band breaking virus	p352
Caliciviridae		Calicivirus	Hepatitis E virus	p362
Caliciviridae		Calicivirus	Norwalk virus	p362
Caliciviridae		Calicivirus	Rabbit hemorrhagic disease virus	p362
Astroviridae		Astrovirus	Human astrovirus 1	p366
Astroviridae		Astrovirus	Bovine astrovirus 1	p366
Astroviridae		Astrovirus	Bovine astrovirus 2	p366
Astroviridae		Astrovirus	Duck astrovirus 1	p366
Astroviridae		Astrovirus	Human astrovirus 2	p366
Astroviridae		Astrovirus	Human astrovirus 3	p366
Astroviridae		Astrovirus	Human astrovirus 4	p366
Astroviridae		Astrovirus	Human astrovirus 5	p366
Astroviridae		Astrovirus	Ovine astrovirus 1	p366
Astroviridae		Astrovirus	Porcine astrovirus 1	p366
Nodaviridae		Nodavirus	Striped Jack nervous necrosis virus	p370
Tetraviridae		Nudaurelia capensis omega-like viruses	Nudaurelia capensis omega virus	p374
Unassigned		Luteovirus	Solanum yellows virus	p381
Unassigned		Luteovirus	Tomato yellow top virus	p381
Unassigned		Umbravirus	Bean yellow vein-banding virus	p390
Unassigned		Umbravirus	Groundnut rosette virus	p390
Unassigned		Umbravirus	Lettuce speckles mottle virus	p390
Unassigned		Umbravirus	Tobacco mottle virus	p390
Tombusviridae		Carmovirus	Ahlum water-borne virus	p395
Tombusviridae		Carmovirus	Bean mild mosaic virus	p395
Tombusviridae		Carmovirus	Cucumber leaf spot virus	p395
Tombusviridae		Tombusvirus	Sitke water-borne virus	p395
Tombusviridae		Carmovirus	Weddel water-borne virus	p396
Coronaviridae		Coronavirus	Porcine epidemic diarrhea virus	p409
Coronaviridae		Coronavirus	Rat coronavirus	p409

Family	Subfamily	Genus	Species	Ref
Unassigned		Arterivirus	Lactate dehydrogenase-elevating virus	p412
Unassigned		Arterivirus	Swine infertility and respiratory syndrome virus	p412
Unassigned		Arterivirus	Simian hemorrhagic fever virus	p412
Flaviviridae		Flavivirus	Hanzalova virus	p419
Flaviviridae		Flavivirus	Hypr virus	p419
Flaviviridae		Flavivirus	Kumlinge virus	p419
Flaviviridae		Flavivirus	Neudoerfl virus	p419
Flaviviridae		Flavivirus	Absettarov virus	p419
Flaviviridae		Flavivirus	Sofyn virus	p420
Unassigned		Tobamovirus	Paprika mild mottle virus	p436
Unassigned		Capillovirus	Citrus tatter leaf virus	p467
Unassigned		Capillovirus	Lilac chlorotic leafspot virus	p467
Unassigned		Carlavirus	Blueberry scorch virus	p476
Unassigned		Carlavirus	Garlic common latent virus	p477
Unassigned		Carlavirus	Kalanchoe latent virus	p477
Unassigned		Carlavirus	Sint-Jem's onion latent virus	p477
Unassigned		Potexvirus	Cassava virus X	p481
Unassigned		Potexvirus	Potato aucuba mosaic virus	p481
Unassigned		Viroids	Citrus viroid IV	p496
Unassigned		Viroids	Citrus bent leaf viroid	p496
Unassigned		Viroids	Pear blister canker viroid	p496