

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Archaea	Aeropyrum pernix K1_1	1700			
Archaea	Archaeoglobus fulgidus DSM 4304_1	2420			
Archaea	Archaeoglobus profundus DSM 5631_1	1819			
Archaea	Caldivirga maquilingensis IC-167_1	1963			
Archaea	Candidatus Korarchaeum cryptofilum OPF8_1	1602			
Archaea	Candidatus Methanoregula boonei 6A8_1	2450			
Archaea	Candidatus Methanosphaerula palustris E1-9c_1	2655			
Archaea	Cenarchaeum symbiosum A_1	2017			
Archaea	Desulfurococcus kamchatkensis 1221n_1	1471			
Archaea	Haloarcula marismortui ATCC 43049_1	3131			
Archaea	Haloarcula marismortui ATCC 43049_2	281			
Archaea	Halobacterium sp. NRC-1_1	2075			
Archaea	Halomicrobium mukohataei DSM 12286_1	3173			
Archaea	Haloquadratum walsbyi DSM 16790_1	2610			
Archaea	Halorhabdus utahensis DSM 12940_1	2998			
Archaea	Halorubrum lacusprofundi ATCC 49239_1	473			
Archaea	Halorubrum lacusprofundi ATCC 49239_2	2711			
Archaea	Haloterrigena turkmenica DSM 5511_1	3739			
Archaea	Hyperthermus butylicus DSM 5456_1	1602			
Archaea	Ignicoccus hospitalis KIN4/l_1	1434			
Archaea	Metallosphaera sedula DSM 5348_1	2256			
Archaea	Methanobrevibacter ruminantium M1_1	2217			
Archaea	Methanocaldococcus fervens AG86_1	1620			
Archaea	Methanocella paludicola SANAE_1	3004			
Archaea	Methanococcoides burtonii DSM 6242_1	2273			
Archaea	Methanococcus aeolicus Nankai-3_1	1490			
Archaea	Methanococcus maripaludis C6_1	1826			
Archaea	Methanococcus vannielii SB_1	1678			
Archaea	Methanocorpusculum labreanum Z_1	1739			
Archaea	Methanoculleus marisnigri JR1_1	2489			
Archaea	Methanopyrus kandleri AV19_1	1687			
Archaea	Methanosaepta thermophila PT_1	1696			
Archaea	Methanosarcina acetivorans C2A_1	4540			
Archaea	Methanosarcina barkeri str. Fusaro_1	3606			
Archaea	Methanosarcina mazei Go1_1	3368			
Archaea	Methanosphaera stadtmanae DSM 3091_1	1534			
Archaea	Methanospirillum hungatei JF-1_1	3139			
Archaea	Nanoarchaeum equitans Kin4-M_1	536			
Archaea	Natronomonas pharaonis DSM 2160_1	2659			
Archaea	Nitrosopumilus maritimus SCM1_1	1795			
Archaea	Picrophilus torridus DSM 9790_1	1535			
Archaea	Pyrobaculum aerophilum str. IM2_1	2603			
Archaea	Pyrobaculum arsenaticum DSM 13514_1	2299			
Archaea	Pyrococcus abyssi GE5_1	1780			
Archaea	Pyrococcus furiosus DSM 3638_1	2125			
Archaea	Pyrococcus horikoshii OT3_1	1955			
Archaea	Staphylothermus marinus F1_1	1570			
Archaea	Sulfolobus acidocaldarius DSM 639_1	2223			
Archaea	Sulfolobus solfataricus P2_1	2977			
Archaea	Thermococcus gammatolerans EJ3_1	2156			
Archaea	Thermofilum pendens Hrk 5_1	1824			
Archaea	Thermoplasma acidophilum DSM 1728_1	1482			
Archaea	Thermoplasma volcanium GSS1_1	1499			
Archaea	Thermoproteus neutrophilus V24Sta_1	1966			
Bacteria	Acholeplasma laidlawii PG-8A_1	1380			
Bacteria	Acidobacterium capsulatum ATCC 51196_1	3377			
Bacteria	Akkermansia muciniphila ATCC BAA-835_1	2138			
Bacteria	Alicyclobacillus acidocaldarius subsp. acidocaldarius DSM 446_1	2888			
Bacteria	Aquifex aeolicus VF5_1	1529			
Bacteria	Bacillus cereus Q1_1	5191			
Bacteria	Bacteroides fragilis YCH46_1	4578			
Bacteria	Bdellovibrio bacteriovorus HD100_1	3587			
Bacteria	Bordetella pertussis Tohama 1_1	3436			
Bacteria	Campylobacter jejuni subsp. jejuni 81-176_1	1653			
Bacteria	Candidatus Cloacamonas acidaminovorans_1	1815			
Bacteria	Candidatus Endomicrobium sp. Rs-D17_1	776			
Bacteria	Carboxydotherrmus hydrogenoformans Z-2901_1	2620			
Bacteria	Chlamydia trachomatis 434/Bu_1	874			
Bacteria	Chlorobium chlorochromatii CaD3_1	2002			
Bacteria	Chloroflexus aurantiacus J-10-fl_1	3853			
Bacteria	Clostridium acetobutylicum ATCC 824_1	3671			
Bacteria	Clostridium perfringens SM101_1	2546			
Bacteria	Corynebacterium glutamicum ATCC 13032_1	3057			
Bacteria	Coxiella burnetii RSA 493_1	1817			
Bacteria	Cupriavidus taiwanensis_1	3135			
Bacteria	Cupriavidus taiwanensis_2	2242			
Bacteria	Cyanothece sp. ATCC 51142_1	4761			
Bacteria	Cyanothece sp. ATCC 51142_2	449			
Bacteria	Dehalococcoides ethenogenes 195_1	1580			
Bacteria	Deinococcus radiodurans R1_1	2629			

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Bacteria	Deinococcus radiodurans R1_2	368			
Bacteria	Dictyoglomus thermophilum H-6-12_1	1912			
Bacteria	Elusimicrobium minutum Pei191_1	1529			
Bacteria	Flavobacterium psychrophilum JIP02/86_1	2412			
Bacteria	Fusobacterium nucleatum subsp. nucleatum ATCC 25586_1	2063			
Bacteria	Gemmata obscuriglobus UQM 2246_1	7989			
Bacteria	Gemmatimonas aurantiaca T-27_1	3935			
Bacteria	Gloeobacter violaceus PCC 7421_1	4430			
Bacteria	Leptospira interrogans serovar Lai str. 56601_1	3409			
Bacteria	Leptospira interrogans serovar Lai str. 56601_2	293			
Bacteria	Magnetococcus sp. MC-1_1	3716			
Bacteria	Nostoc punctiforme PCC 73102_1	6086			
Bacteria	Opiritatus terrae PB90-1_1	4612			
Bacteria	Pedobacter heparinus DSM 2366_1	4252			
Bacteria	Pirellula staleyi DSM 6068_1	4717			
Bacteria	Prochlorococcus marinus str. AS9601_1	1920			
Bacteria	Psychrobacter arcticus 273-4_1	2120			
Bacteria	Rhizobium leguminosarum bv. trifolii WSM1325_1	4565			
Bacteria	Rhodospirillum rubrum ATCC 11170_1	3791			
Bacteria	Rickettsia rickettsii str. Iowa_1	1383			
Bacteria	Shewanella putrefaciens CN-32_1	3972			
Bacteria	Solibacter usitatus Elin6076_1	7826			
Bacteria	Synechococcus elongatus PCC 6301_1	2526			
Bacteria	Thermanaerovibrio acidaminovorans DSM 6589_1	1738			
Bacteria	Thermoanaerobacter tengcongensis MB4_1	2588			
Bacteria	Thermobaculum terrenum ATCC BAA-798_1	1859			
Bacteria	Thermobaculum terrenum ATCC BAA-798_2	973			
Bacteria	Thermodesulfobivrio yellowstonii DSM 11347_1	2033			
Bacteria	Thermomicrobium roseum DSM 5159_1	1917			
Bacteria	Thermotoga maritima MSB8_1	1858			
Bacteria	Thermus thermophilus HB8_1	1972			
Eukaryota	Arabidopsis thaliana_1	27225			
Eukaryota	Chlorella variabilis_1	9780			
Eukaryota	Dictyostelium discoideum AX4	13267			
Eukaryota	Dictyostelium purpureum	12399			
Eukaryota	Encephalitozoon intestinalis ATCC 50506_1	1833			
Eukaryota	Entamoeba dispar SAW760	8798			
Eukaryota	Entamoeba histolytica HM-1:IMSS	8150			
Eukaryota	Giardia lamblia ATCC 50803_1	7364			
Eukaryota	Homo sapiens_1	21973			
Eukaryota	Naegleria gruberi_1	15711			
Eukaryota	Phytophthora infestans T30-4_1	17797			
Eukaryota	Plasmodium knowlesi strain H_1	5102			
Eukaryota	Saccharomyces cerevisiae_10	357			
Eukaryota	Saccharomyces cerevisiae_11	312			
Eukaryota	Saccharomyces cerevisiae_12	508			
Eukaryota	Saccharomyces cerevisiae_13	460			
Eukaryota	Saccharomyces cerevisiae_14	393			
Eukaryota	Saccharomyces cerevisiae_15	536			
Eukaryota	Saccharomyces cerevisiae_16	464			
Eukaryota	Saccharomyces cerevisiae_2	406			
Eukaryota	Saccharomyces cerevisiae_3	160			
Eukaryota	Saccharomyces cerevisiae_4	755			
Eukaryota	Saccharomyces cerevisiae_5	276			
Eukaryota	Saccharomyces cerevisiae_6	126			
Eukaryota	Saccharomyces cerevisiae_7	526			
Eukaryota	Saccharomyces cerevisiae_8	281			
Eukaryota	Saccharomyces cerevisiae_9	207			
Eukaryota	Tetrahymena thermophila SB210_1	24725			
Eukaryota	Trypanosoma cruzi_1	19607			
Plasmid	'Nostoc azollae' 0708_1	51			
Plasmid	'Nostoc azollae' 0708_2	11			
Plasmid	Acaryochloris marina MBIC11017_1	382			
Plasmid	Acaryochloris marina MBIC11017_2	408			
Plasmid	Acaryochloris marina MBIC11017_3	362			
Plasmid	Acaryochloris marina MBIC11017_4	273			
Plasmid	Acaryochloris marina MBIC11017_5	222			
Plasmid	Acaryochloris marina MBIC11017_6	188			
Plasmid	Acaryochloris marina MBIC11017_7	173			
Plasmid	Acaryochloris marina MBIC11017_8	117			
Plasmid	Acaryochloris marina MBIC11017_9	4			
Plasmid	Acetobacter pasteurianus IFO 3283-01_1	177			
Plasmid	Acetobacter pasteurianus IFO 3283-01_2	174			
Plasmid	Acetobacter pasteurianus IFO 3283-01_3	63			
Plasmid	Acetobacter pasteurianus IFO 3283-01_4	3			
Plasmid	Acetobacter pasteurianus IFO 3283-01_5	2			
Plasmid	Acetobacter pasteurianus IFO 3283-01_6	2			
Plasmid	Achromobacter xylosoxidans A8_1	104			
Plasmid	Achromobacter xylosoxidans A8_2	252			

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Plasmid	Acidiphilium cryptum JF-5_1	171			
Plasmid	Acidiphilium cryptum JF-5_2	169			
Plasmid	Acidiphilium cryptum JF-5_3	77			
Plasmid	Acidiphilium cryptum JF-5_4	32			
Plasmid	Acidiphilium cryptum JF-5_5	28			
Plasmid	Acidiphilium cryptum JF-5_6	9			
Plasmid	Acidiphilium cryptum JF-5_7	5			
Plasmid	Acidiphilium cryptum JF-5_8	5			
Plasmid	Acidiphilium multivorum AIU301_1	284			
Plasmid	Acidiphilium multivorum AIU301_2	61			
Plasmid	Acidiphilium multivorum AIU301_3	19			
Plasmid	Acidiphilium multivorum AIU301_4	14			
Plasmid	Acidiphilium multivorum AIU301_5	1			
Plasmid	Acidiphilium multivorum AIU301_6	69			
Plasmid	Acidiphilium multivorum AIU301_7	44			
Plasmid	Acidiphilium multivorum AIU301_8	8			
Plasmid	Acidobacterium sp. MP5ACTX9_1	286			
Plasmid	Acidobacterium sp. MP5ACTX9_2	166			
Plasmid	Acidobacterium sp. MP5ACTX9_3	91			
Plasmid	Acidobacterium sp. MP5ACTX9_4	110			
Plasmid	Acidobacterium sp. MP5ACTX9_5	191			
Plasmid	Acidovorax sp. JS42_1	84			
Plasmid	Acidovorax sp. JS42_2	64			
Plasmid	Acinetobacter baumannii AB0057_1	11			
Plasmid	Acinetobacter baumannii ACICU_1	28			
Plasmid	Acinetobacter baumannii ACICU_2	64			
Plasmid	Acinetobacter baumannii ATCC 17978_1	11			
Plasmid	Acinetobacter baumannii ATCC 17978_2	5			
Plasmid	Acinetobacter baumannii AYE_1	7			
Plasmid	Acinetobacter baumannii AYE_2	11			
Plasmid	Acinetobacter baumannii AYE_3	5			
Plasmid	Acinetobacter baumannii AYE_4	82			
Plasmid	Acinetobacter baumannii SDF_1	8			
Plasmid	Acinetobacter baumannii SDF_2	30			
Plasmid	Acinetobacter baumannii SDF_3	24			
Plasmid	Actinobacillus pleuropneumoniae serovar 7 str. AP76_1	2			
Plasmid	Actinobacillus pleuropneumoniae serovar 7 str. AP76_2	4			
Plasmid	Actinobacillus pleuropneumoniae serovar 7 str. AP76_3	5			
Plasmid	Aeromonas salmonicida subsp. salmonicida A449_1	8			
Plasmid	Aeromonas salmonicida subsp. salmonicida A449_2	9			
Plasmid	Aeromonas salmonicida subsp. salmonicida A449_3	7			
Plasmid	Aeromonas salmonicida subsp. salmonicida A449_4	173			
Plasmid	Aeromonas salmonicida subsp. salmonicida A449_5	154			
Plasmid	Aggregatibacter actinomycetemcomitans D11S-1_1	41			
Plasmid	Aggregatibacter actinomycetemcomitans_1	43			
Plasmid	Agrobacterium radiobacter K84_1	366			
Plasmid	Agrobacterium radiobacter K84_2	176			
Plasmid	Agrobacterium radiobacter K84_3	35			
Plasmid	Agrobacterium sp. H13-3_1	651			
Plasmid	Agrobacterium tumefaciens str. C58_1	542			
Plasmid	Agrobacterium tumefaciens str. C58_2	197			
Plasmid	Agrobacterium vitis S4_1	529			
Plasmid	Agrobacterium vitis S4_2	205			
Plasmid	Agrobacterium vitis S4_3	178			
Plasmid	Agrobacterium vitis S4_4	82			
Plasmid	Agrobacterium vitis S4_5	107			
Plasmid	Alicyclophilus denitrificans BC_1	125			
Plasmid	Alicyclophilus denitrificans BC_2	87			
Plasmid	Alicyclophilus denitrificans K601_1	89			
Plasmid	Alicyclobacillus acidocaldarius subsp. acidocaldarius DSM 446_1	98			
Plasmid	Alicyclobacillus acidocaldarius subsp. acidocaldarius DSM 446_2	92			
Plasmid	Alicyclobacillus acidocaldarius subsp. acidocaldarius DSM 446_3	6			
Plasmid	Aliivibrio salmonicida LF11238_1	72			
Plasmid	Aliivibrio salmonicida LF11238_2	29			
Plasmid	Aliivibrio salmonicida LF11238_3	3			
Plasmid	Aliivibrio salmonicida LF11238_4	3			
Plasmid	Allochroamatium vinosum DSM 180_1	119			
Plasmid	Allochroamatium vinosum DSM 180_2	48			
Plasmid	Ammonifex degensii KC4_1	28			
Plasmid	Amycolicococcus subflavus DQS3-9A1_1	27			
Plasmid	Amycolicococcus subflavus DQS3-9A1_2	121			
Plasmid	Anabaena variabilis ATCC 29413_1	344			
Plasmid	Anabaena variabilis ATCC 29413_2	31			
Plasmid	Anabaena variabilis ATCC 29413_3	243			
Plasmid	Anaerococcus prevotii DSM 20548_1	104			
Plasmid	Aquifex aeolicus VF5_1	31			
Plasmid	Archaeoglobus profundus DSM 5631_1	4			
Plasmid	Arthrobacter arilaitensis Re117_1	13			
Plasmid	Arthrobacter arilaitensis Re117_2	47			
Plasmid	Arthrobacter aurescens TC1_1	292			

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Plasmid	Arthrobacter aureus TC1_2	254			
Plasmid	Arthrobacter chlorophenicus A6_1	554			
Plasmid	Arthrobacter chlorophenicus A6_2	151			
Plasmid	Arthrobacter phenanthrenivorans Sphe3_1	189			
Plasmid	Arthrobacter phenanthrenivorans Sphe3_2	99			
Plasmid	Arthrobacter sp. FB24_1	158			
Plasmid	Arthrobacter sp. FB24_2	110			
Plasmid	Arthrobacter sp. FB24_3	96			
Plasmid	Aster yellows witches'-broom phytoplasma AYWB_1	5			
Plasmid	Aster yellows witches'-broom phytoplasma AYWB_2	4			
Plasmid	Aster yellows witches'-broom phytoplasma AYWB_3	7			
Plasmid	Aster yellows witches'-broom phytoplasma AYWB_4	6			
Plasmid	Asticcacaulis excentricus CB 48_1	172			
Plasmid	Asticcacaulis excentricus CB 48_2	140			
Plasmid	Azoarcus sp. Ebn1_1	272			
Plasmid	Azoarcus sp. Ebn1_2	194			
Plasmid	Azospirillum sp. B510_1	1131			
Plasmid	Azospirillum sp. B510_2	631			
Plasmid	Azospirillum sp. B510_3	533			
Plasmid	Azospirillum sp. B510_4	519			
Plasmid	Azospirillum sp. B510_5	415			
Plasmid	Azospirillum sp. B510_6	187			
Plasmid	Bacillus anthracis CI_1	210			
Plasmid	Bacillus anthracis CI_2	109			
Plasmid	Bacillus anthracis CI_3	18			
Plasmid	Bacillus anthracis str. 'Ames Ancestor'_1	178			
Plasmid	Bacillus anthracis str. 'Ames Ancestor'_2	98			
Plasmid	Bacillus anthracis str. A0248_1	89			
Plasmid	Bacillus anthracis str. A0248_2	162			
Plasmid	Bacillus anthracis str. CDC 684_1	117			
Plasmid	Bacillus anthracis str. CDC 684_2	206			
Plasmid	Bacillus cereus 03BB102_1	208			
Plasmid	Bacillus cereus AH187_1	22			
Plasmid	Bacillus cereus AH187_2	273			
Plasmid	Bacillus cereus AH187_3	59			
Plasmid	Bacillus cereus AH187_4	5			
Plasmid	Bacillus cereus AH820_1	11			
Plasmid	Bacillus cereus AH820_2	5			
Plasmid	Bacillus cereus AH820_3	320			
Plasmid	Bacillus cereus ATCC 10987_1	241			
Plasmid	Bacillus cereus ATCC 14579_1	21			
Plasmid	Bacillus cereus E33L_1	430			
Plasmid	Bacillus cereus E33L_2	5			
Plasmid	Bacillus cereus E33L_3	54			
Plasmid	Bacillus cereus E33L_4	8			
Plasmid	Bacillus cereus E33L_5	10			
Plasmid	Bacillus cereus G9842_1	118			
Plasmid	Bacillus cereus G9842_2	251			
Plasmid	Bacillus cereus Q1_1	69			
Plasmid	Bacillus cereus Q1_2	228			
Plasmid	Bacillus cereus subsp. cytotoxis NVH 391-98_1	11			
Plasmid	Bacillus megaterium QM B1551_1	60			
Plasmid	Bacillus megaterium QM B1551_2	8			
Plasmid	Bacillus megaterium QM B1551_3	13			
Plasmid	Bacillus megaterium QM B1551_4	38			
Plasmid	Bacillus megaterium QM B1551_5	174			
Plasmid	Bacillus megaterium QM B1551_6	94			
Plasmid	Bacillus megaterium QM B1551_7	109			
Plasmid	Bacillus pseudofirmus OF4_1	292			
Plasmid	Bacillus pseudofirmus OF4_2	122			
Plasmid	Bacillus thuringiensis BMB171_1	271			
Plasmid	Bacillus thuringiensis serovar konkukian str. 97-27_1	80			
Plasmid	Bacillus thuringiensis str. Al Hakam_1	62			
Plasmid	Bacillus weihenstephanensis KBAB4_1	289			
Plasmid	Bacillus weihenstephanensis KBAB4_2	63			
Plasmid	Bacillus weihenstephanensis KBAB4_3	75			
Plasmid	Bacillus weihenstephanensis KBAB4_4	71			
Plasmid	Bacteroides fragilis NCTC 9343_1	47			
Plasmid	Bacteroides fragilis YCH46_1	47			
Plasmid	Bacteroides salanitronis DSM 18170_1	56			
Plasmid	Bacteroides salanitronis DSM 18170_2	8			
Plasmid	Bacteroides salanitronis DSM 18170_3	24			
Plasmid	Bacteroides thetaiotaomicron VPI-5482_1	38			
Plasmid	Bartonella grahamii as4aup_1	31			
Plasmid	Bartonella tribocorum CIP 105476_1	18			
Plasmid	Beijerinckia indica subsp. indica ATCC 9039_1	39			
Plasmid	Beijerinckia indica subsp. indica ATCC 9039_2	176			
Plasmid	Bifidobacterium longum DJO10A_1	10			
Plasmid	Bifidobacterium longum DJO10A_2	3			
Plasmid	Bifidobacterium longum NCC2705_1	2			

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Plasmid	Bifidobacterium longum subsp. infantis 157F_1	5			
Plasmid	Bifidobacterium longum subsp. infantis 157F_2	3			
Plasmid	Blattabacterium sp. (Periplaneta americana) str. BPLAN_1	4			
Plasmid	Borrelia afzelii PKo_1	43			
Plasmid	Borrelia afzelii PKo_2	28			
Plasmid	Borrelia afzelii PKo_3	75			
Plasmid	Borrelia afzelii PKo_4	59			
Plasmid	Borrelia afzelii PKo_5	36			
Plasmid	Borrelia afzelii PKo_6	55			
Plasmid	Borrelia afzelii PKo_7	34			
Plasmid	Borrelia afzelii PKo_8	29			
Plasmid	Borrelia burgdorferi B31_1	42			
Plasmid	Borrelia burgdorferi B31_10	6			
Plasmid	Borrelia burgdorferi B31_11	23			
Plasmid	Borrelia burgdorferi B31_12	29			
Plasmid	Borrelia burgdorferi B31_13	26			
Plasmid	Borrelia burgdorferi B31_14	32			
Plasmid	Borrelia burgdorferi B31_15	37			
Plasmid	Borrelia burgdorferi B31_16	43			
Plasmid	Borrelia burgdorferi B31_17	51			
Plasmid	Borrelia burgdorferi B31_18	48			
Plasmid	Borrelia burgdorferi B31_19	76			
Plasmid	Borrelia burgdorferi B31_2	45			
Plasmid	Borrelia burgdorferi B31_20	29			
Plasmid	Borrelia burgdorferi B31_21	11			
Plasmid	Borrelia burgdorferi B31_3	44			
Plasmid	Borrelia burgdorferi B31_4	42			
Plasmid	Borrelia burgdorferi B31_5	44			
Plasmid	Borrelia burgdorferi B31_6	43			
Plasmid	Borrelia burgdorferi B31_7	35			
Plasmid	Borrelia burgdorferi B31_8	11			
Plasmid	Borrelia burgdorferi B31_9	72			
Plasmid	Borrelia burgdorferi ZS7_1	60			
Plasmid	Borrelia burgdorferi ZS7_10	22			
Plasmid	Borrelia burgdorferi ZS7_11	14			
Plasmid	Borrelia burgdorferi ZS7_12	17			
Plasmid	Borrelia burgdorferi ZS7_13	55			
Plasmid	Borrelia burgdorferi ZS7_14	21			
Plasmid	Borrelia burgdorferi ZS7_2	35			
Plasmid	Borrelia burgdorferi ZS7_3	25			
Plasmid	Borrelia burgdorferi ZS7_4	36			
Plasmid	Borrelia burgdorferi ZS7_5	39			
Plasmid	Borrelia burgdorferi ZS7_6	40			
Plasmid	Borrelia burgdorferi ZS7_7	23			
Plasmid	Borrelia burgdorferi ZS7_8	31			
Plasmid	Borrelia burgdorferi ZS7_9	13			
Plasmid	Borrelia duttonii Ly_1	8			
Plasmid	Borrelia duttonii Ly_10	45			
Plasmid	Borrelia duttonii Ly_11	21			
Plasmid	Borrelia duttonii Ly_12	12			
Plasmid	Borrelia duttonii Ly_13	34			
Plasmid	Borrelia duttonii Ly_14	20			
Plasmid	Borrelia duttonii Ly_15	22			
Plasmid	Borrelia duttonii Ly_16	35			
Plasmid	Borrelia duttonii Ly_2	13			
Plasmid	Borrelia duttonii Ly_3	36			
Plasmid	Borrelia duttonii Ly_4	134			
Plasmid	Borrelia duttonii Ly_5	19			
Plasmid	Borrelia duttonii Ly_6	20			
Plasmid	Borrelia duttonii Ly_7	18			
Plasmid	Borrelia duttonii Ly_8	28			
Plasmid	Borrelia duttonii Ly_9	20			
Plasmid	Borrelia garinii PBi_1	26			
Plasmid	Borrelia garinii PBi_2	74			
Plasmid	Borrelia garinii PBi_3	338			
Plasmid	Borrelia recurrentis A1_1	91			
Plasmid	Borrelia recurrentis A1_2	17			
Plasmid	Borrelia recurrentis A1_3	17			
Plasmid	Borrelia recurrentis A1_4	15			
Plasmid	Borrelia recurrentis A1_5	19			
Plasmid	Borrelia recurrentis A1_6	28			
Plasmid	Borrelia recurrentis A1_7	3			
Plasmid	Brachyspira hyodysenteriae WA1_1	31			
Plasmid	Bradyrhizobium sp. BTAi1_1	228			
Plasmid	Buchnera aphidicola (Cinara cedri)_1	5			
Plasmid	Buchnera aphidicola str. APS (Acyrthosiphon pisum)_1	3			
Plasmid	Buchnera aphidicola str. APS (Acyrthosiphon pisum)_2	7			
Plasmid	Buchnera aphidicola str. Bp (Baizongia pistaciae)_1	3			
Plasmid	Burkholderia ambifaria AMMD_1	45			
Plasmid	Burkholderia ambifaria MC40-6_1	274			

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Plasmid	Burkholderia cenocepacia HI2424_1	156			
Plasmid	Burkholderia cenocepacia J2315_1	93			
Plasmid	Burkholderia gladioli BSR3_1	104			
Plasmid	Burkholderia gladioli BSR3_2	94			
Plasmid	Burkholderia gladioli BSR3_3	189			
Plasmid	Burkholderia gladioli BSR3_4	319			
Plasmid	Burkholderia glumae BGR1_1	97			
Plasmid	Burkholderia glumae BGR1_2	106			
Plasmid	Burkholderia glumae BGR1_3	102			
Plasmid	Burkholderia glumae BGR1_4	102			
Plasmid	Burkholderia multivorans ATCC 17616_1	138			
Plasmid	Burkholderia multivorans ATCC 17616_2	131			
Plasmid	Burkholderia phymatum STM815_1	1626			
Plasmid	Burkholderia phymatum STM815_2	449			
Plasmid	Burkholderia phytofirmans PsJN_1	167			
Plasmid	Burkholderia rhizoxinica HKI 454_1	203			
Plasmid	Burkholderia sp. CCGE1002_1	406			
Plasmid	Burkholderia vietnamiensis G4_1	111			
Plasmid	Burkholderia vietnamiensis G4_2	263			
Plasmid	Burkholderia vietnamiensis G4_3	107			
Plasmid	Burkholderia vietnamiensis G4_4	249			
Plasmid	Burkholderia vietnamiensis G4_5	403			
Plasmid	Butyrivibrio proteoclasticus B316_1	424			
Plasmid	Butyrivibrio proteoclasticus B316_2	198			
Plasmid	Caldicellulosiruptor bescii DSM 6725_1	8			
Plasmid	Caldicellulosiruptor bescii DSM 6725_2	4			
Plasmid	Caldicellulosiruptor kristjanssonii 177R1B_1	17			
Plasmid	Calditerrivibrio nitroreducens DSM 19672_1	55			
Plasmid	Campylobacter concisus 13826_1	33			
Plasmid	Campylobacter concisus 13826_2	23			
Plasmid	Campylobacter hominis ATCC BAA-381_1	5			
Plasmid	Campylobacter jejuni subsp. jejuni 81-176_1	53			
Plasmid	Campylobacter jejuni subsp. jejuni 81-176_2	52			
Plasmid	Campylobacter jejuni subsp. jejuni ICDCCJ07001_1	37			
Plasmid	Campylobacter lari RM2100_1	42			
Plasmid	Candidatus Accumulibacter phosphatis clade IIA str. UW-1_1	40			
Plasmid	Candidatus Accumulibacter phosphatis clade IIA str. UW-1_2	40			
Plasmid	Candidatus Accumulibacter phosphatis clade IIA str. UW-1_3	156			
Plasmid	Candidatus Azobacteroides pseudotriconymphae genomovar. CFP2_1	28			
Plasmid	Candidatus Azobacteroides pseudotriconymphae genomovar. CFP2_2	25			
Plasmid	Candidatus Azobacteroides pseudotriconymphae genomovar. CFP2_3	4			
Plasmid	Candidatus Azobacteroides pseudotriconymphae genomovar. CFP2_4	37			
Plasmid	Candidatus Hamiltonella defensa 5AT (Acyrtosiphon pisum)_1	54			
Plasmid	Candidatus Riesia pediculicola USDA_1	12			
Plasmid	Carnobacterium sp. 17-4_1	54			
Plasmid	Caulobacter sp. K31_1	165			
Plasmid	Caulobacter sp. K31_2	212			
Plasmid	Chlamydia muridarum Nigg_1	7			
Plasmid	Chlamydia trachomatis A/HAR-13_1	8			
Plasmid	Chlamydophila caviae GPIC_1	7			
Plasmid	Chlamydophila felis Fe/C-56_1	8			
Plasmid	Chlamydophila psittaci 6BC_1	8			
Plasmid	Citrobacter koseri ATCC BAA-895_1	15			
Plasmid	Citrobacter koseri ATCC BAA-895_2	13			
Plasmid	Citrobacter rodentium ICC168_1	55			
Plasmid	Citrobacter rodentium ICC168_2	55			
Plasmid	Citrobacter rodentium ICC168_3	3			
Plasmid	Clavibacter michiganensis subsp. michiganensis NCPPB 382_1	28			
Plasmid	Clavibacter michiganensis subsp. michiganensis NCPPB 382_2	67			
Plasmid	Clavibacter michiganensis subsp. sepedonicus_1	64			
Plasmid	Clavibacter michiganensis subsp. sepedonicus_2	112			
Plasmid	Clostridium acetobutylicum ATCC 824_1	176			
Plasmid	Clostridium botulinum A str. ATCC 3502_1	18			
Plasmid	Clostridium botulinum A3 str. Loch Maree_1	329			
Plasmid	Clostridium botulinum B str. Eklund 17B_1	50			
Plasmid	Clostridium botulinum B1 str. Okra_1	194			
Plasmid	Clostridium botulinum Ba4 str. 657_1	306			
Plasmid	Clostridium botulinum Ba4 str. 657_2	6			
Plasmid	Clostridium botulinum BKT015925_1	221			
Plasmid	Clostridium botulinum BKT015925_2	86			
Plasmid	Clostridium botulinum BKT015925_3	13			
Plasmid	Clostridium botulinum BKT015925_4	103			
Plasmid	Clostridium botulinum BKT015925_5	53			
Plasmid	Clostridium botulinum F str. Langeland_1	24			
Plasmid	Clostridium difficile 630_1	11			
Plasmid	Clostridium kluyveri DSM 555_1	75			
Plasmid	Clostridium kluyveri NBRC 12016_1	55			
Plasmid	Clostridium perfringens str. 13_1	63			
Plasmid	Clostridium tetani E88_1	59			
Plasmid	Comamonas testosteroni CNB-1_1	92			

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Plasmid	Corynebacterium aurimucosum ATCC 700975_1	20			
Plasmid	Corynebacterium efficiens YS-314_1	15			
Plasmid	Corynebacterium efficiens YS-314_2	41			
Plasmid	Corynebacterium glutamicum R_1	28			
Plasmid	Corynebacterium jeikeium K411_1	16			
Plasmid	Coxiella burnetii CbuK_Q154_1	42			
Plasmid	Coxiella burnetii Dugway 5J108-111_1	52			
Plasmid	Coxiella burnetii RSA 331_1	45			
Plasmid	Coxiella burnetii RSA 493_1	30			
Plasmid	Cronobacter sakazakii ATCC BAA-894_1	38			
Plasmid	Cronobacter sakazakii ATCC BAA-894_2	127			
Plasmid	Cronobacter turicensis z3032_1	136			
Plasmid	Cronobacter turicensis z3032_2	32			
Plasmid	Cronobacter turicensis z3032_3	74			
Plasmid	Cupriavidus metallidurans CH34_1	200			
Plasmid	Cupriavidus metallidurans CH34_2	165			
Plasmid	Cupriavidus metallidurans CH34_3	2386			
Plasmid	Cupriavidus taiwanensis_1	519			
Plasmid	Cyanothece sp. ATCC 51142_1	38			
Plasmid	Cyanothece sp. ATCC 51142_2	25			
Plasmid	Cyanothece sp. ATCC 51142_3	19			
Plasmid	Cyanothece sp. ATCC 51142_4	11			
Plasmid	Cyanothece sp. PCC 7424_1	26			
Plasmid	Cyanothece sp. PCC 7424_2	19			
Plasmid	Cyanothece sp. PCC 7424_3	16			
Plasmid	Cyanothece sp. PCC 7424_4	11			
Plasmid	Cyanothece sp. PCC 7424_5	175			
Plasmid	Cyanothece sp. PCC 7424_6	236			
Plasmid	Cyanothece sp. PCC 7425_1	160			
Plasmid	Cyanothece sp. PCC 7425_2	29			
Plasmid	Cyanothece sp. PCC 7425_3	172			
Plasmid	Cyanothece sp. PCC 7822_1	236			
Plasmid	Cyanothece sp. PCC 7822_2	28			
Plasmid	Cyanothece sp. PCC 7822_3	33			
Plasmid	Cyanothece sp. PCC 7822_4	546			
Plasmid	Cyanothece sp. PCC 7822_5	364			
Plasmid	Cyanothece sp. PCC 7822_6	13			
Plasmid	Cyanothece sp. PCC 8801_1	52			
Plasmid	Cyanothece sp. PCC 8801_2	44			
Plasmid	Cyanothece sp. PCC 8801_3	11			
Plasmid	Cyanothece sp. PCC 8802_1	58			
Plasmid	Cyanothece sp. PCC 8802_2	24			
Plasmid	Cyanothece sp. PCC 8802_3	29			
Plasmid	Cyanothece sp. PCC 8802_4	13			
Plasmid	Deferribacter desulfuricans SSM1_1	257			
Plasmid	Deinococcus deserti VCD115_1	261			
Plasmid	Deinococcus deserti VCD115_2	347			
Plasmid	Deinococcus deserti VCD115_3	250			
Plasmid	Deinococcus geothermalis DSM 11300_1	519			
Plasmid	Deinococcus geothermalis DSM 11300_2	205			
Plasmid	Deinococcus proteolyticus MRP_1	225			
Plasmid	Deinococcus proteolyticus MRP_2	93			
Plasmid	Deinococcus proteolyticus MRP_3	254			
Plasmid	Deinococcus proteolyticus MRP_4	109			
Plasmid	Deinococcus radiodurans R1_1	131			
Plasmid	Deinococcus radiodurans R1_2	39			
Plasmid	Desulfobacterium autotrophicum HRM2_1	76			
Plasmid	Desulfobalobium retbaense DSM 5692_1	47			
Plasmid	Desulfotalea psychrophila LSv54_1	101			
Plasmid	Desulfotalea psychrophila LSv54_2	17			
Plasmid	Desulfovibrio magneticus RS-1_1	10			
Plasmid	Desulfovibrio magneticus RS-1_2	65			
Plasmid	Desulfovibrio vulgaris str. Hildenborough_1	156			
Plasmid	Desulfovibrio vulgaris subsp. vulgaris DP4_1	150			
Plasmid	Dinoroseobacter shibae DFL 12_1	195			
Plasmid	Dinoroseobacter shibae DFL 12_2	137			
Plasmid	Dinoroseobacter shibae DFL 12_3	135			
Plasmid	Dinoroseobacter shibae DFL 12_4	68			
Plasmid	Dinoroseobacter shibae DFL 12_5	73			
Plasmid	Edwardsiella tarda EIB202_1	53			
Plasmid	Enterobacter cloacae subsp. cloacae ATCC 13047_1	274			
Plasmid	Enterobacter cloacae subsp. cloacae ATCC 13047_2	124			
Plasmid	Enterobacter sp. 638_1	125			
Plasmid	Enterococcus faecalis V583_1	72			
Plasmid	Enterococcus faecalis V583_2	18			
Plasmid	Enterococcus faecalis V583_3	62			
Plasmid	Erwinia amylovora ATCC 49946_1	41			
Plasmid	Erwinia amylovora ATCC 49946_2	87			
Plasmid	Erwinia amylovora CFBP1430_1	29			
Plasmid	Erwinia billingiae Eb661_1	220			

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Plasmid	<i>Erwinia pyrifoliae</i> Ep1/96_1	37			
Plasmid	<i>Erwinia pyrifoliae</i> Ep1/96_2	4			
Plasmid	<i>Erwinia pyrifoliae</i> Ep1/96_3	5			
Plasmid	<i>Erwinia pyrifoliae</i> Ep1/96_4	6			
Plasmid	<i>Erwinia tasmaniensis</i> Et1/99_1	39			
Plasmid	<i>Erwinia tasmaniensis</i> Et1/99_2	7			
Plasmid	<i>Erwinia tasmaniensis</i> Et1/99_3	42			
Plasmid	<i>Erwinia tasmaniensis</i> Et1/99_4	61			
Plasmid	<i>Erwinia tasmaniensis</i> Et1/99_5	46			
Plasmid	<i>Escherichia coli</i> APEC O1_1	199			
Plasmid	<i>Escherichia coli</i> APEC O1_2	224			
Plasmid	<i>Escherichia coli</i> E24377A_1	68			
Plasmid	<i>Escherichia coli</i> E24377A_2	29			
Plasmid	<i>Escherichia coli</i> E24377A_3	68			
Plasmid	<i>Escherichia coli</i> E24377A_4	5			
Plasmid	<i>Escherichia coli</i> E24377A_5	69			
Plasmid	<i>Escherichia coli</i> E24377A_6	3			
Plasmid	<i>Escherichia coli</i> O103:H2 str. 12009_1	67			
Plasmid	<i>Escherichia coli</i> O111:H- str. 11128_1	222			
Plasmid	<i>Escherichia coli</i> O111:H- str. 11128_2	72			
Plasmid	<i>Escherichia coli</i> O111:H- str. 11128_3	10			
Plasmid	<i>Escherichia coli</i> O111:H- str. 11128_4	10			
Plasmid	<i>Escherichia coli</i> O111:H- str. 11128_5	121			
Plasmid	<i>Escherichia coli</i> O127:H6 str. E2348/69_1	9			
Plasmid	<i>Escherichia coli</i> O127:H6 str. E2348/69_2	90			
Plasmid	<i>Escherichia coli</i> O157:H7 EDL933_1	99			
Plasmid	<i>Escherichia coli</i> O157:H7 str. EC4115_1	108			
Plasmid	<i>Escherichia coli</i> O157:H7 str. EC4115_2	54			
Plasmid	<i>Escherichia coli</i> O157:H7 str. Sakai_1	3			
Plasmid	<i>Escherichia coli</i> O157:H7 str. Sakai_2	85			
Plasmid	<i>Escherichia coli</i> O157:H7 str. TW14359_1	110			
Plasmid	<i>Escherichia coli</i> O26:H11 str. 11368_1	81			
Plasmid	<i>Escherichia coli</i> O26:H11 str. 11368_2	6			
Plasmid	<i>Escherichia coli</i> O26:H11 str. 11368_3	65			
Plasmid	<i>Escherichia coli</i> O26:H11 str. 11368_4	3			
Plasmid	<i>Escherichia coli</i> O55:H7 str. CB9615_1	107			
Plasmid	<i>Escherichia coli</i> S88_1	135			
Plasmid	<i>Escherichia coli</i> SE11_1	10			
Plasmid	<i>Escherichia coli</i> SE11_2	7			
Plasmid	<i>Escherichia coli</i> SE11_3	3			
Plasmid	<i>Escherichia coli</i> SE11_4	112			
Plasmid	<i>Escherichia coli</i> SE11_5	67			
Plasmid	<i>Escherichia coli</i> SE11_6	124			
Plasmid	<i>Escherichia coli</i> SMS-3-5_1	10			
Plasmid	<i>Escherichia coli</i> SMS-3-5_2	4			
Plasmid	<i>Escherichia coli</i> SMS-3-5_3	3			
Plasmid	<i>Escherichia coli</i> SMS-3-5_4	153			
Plasmid	<i>Escherichia coli</i> UMN026_1	49			
Plasmid	<i>Escherichia coli</i> UMN026_2	142			
Plasmid	<i>Escherichia coli</i> UTI89_1	145			
Plasmid	<i>Escherichia fergusonii</i> ATCC 35469_1	55			
Plasmid	<i>Eubacterium eligens</i> ATCC 27750_1	664			
Plasmid	<i>Eubacterium eligens</i> ATCC 27750_2	97			
Plasmid	<i>Exiguobacterium sibiricum</i> 255-15_1	5			
Plasmid	<i>Exiguobacterium sibiricum</i> 255-15_2	3			
Plasmid	<i>Finegoldia magna</i> ATCC 29328_1	182			
Plasmid	<i>Francisella philomiragia</i> subsp. <i>philomiragia</i> ATCC 25017_1	4			
Plasmid	<i>Gallibacterium anatis</i> UMN179_1	6			
Plasmid	<i>Geobacillus kaustophilus</i> HTA426_1	42			
Plasmid	<i>Geobacillus</i> sp. WCH70_1	9			
Plasmid	<i>Geobacillus</i> sp. WCH70_2	31			
Plasmid	<i>Geobacillus</i> sp. Y4.1MC1_1	64			
Plasmid	<i>Geobacillus</i> sp. Y412MC52_1	39			
Plasmid	<i>Geobacillus</i> sp. Y412MC61_1	39			
Plasmid	<i>Geobacillus thermodenitrificans</i> NG80-2_1	53			
Plasmid	<i>Geobacter lovleyi</i> SZ_1	79			
Plasmid	<i>Geobacter metallireducens</i> GS-15_1	14			
Plasmid	<i>Glaciecola agarilytica</i> 4H-3-7+YE-5_1	314			
Plasmid	<i>Gluconacetobacter diazotrophicus</i> PAI 5_1	21			
Plasmid	<i>Gluconacetobacter diazotrophicus</i> PAI 5_2	53			
Plasmid	<i>Gluconacetobacter diazotrophicus</i> PAI 5_3	29			
Plasmid	<i>Gluconobacter oxydans</i> 621H_1	163			
Plasmid	<i>Gluconobacter oxydans</i> 621H_2	29			
Plasmid	<i>Gluconobacter oxydans</i> 621H_3	18			
Plasmid	<i>Gluconobacter oxydans</i> 621H_4	18			
Plasmid	<i>Gluconobacter oxydans</i> 621H_5	4			
Plasmid	<i>Gordonia bronchialis</i> DSM 43247_1	80			
Plasmid	<i>Haemophilus somnus</i> 129PT_1	6			
Plasmid	<i>Halalkalicoccus jeotgali</i> B3_1	362			
Plasmid	<i>Halalkalicoccus jeotgali</i> B3_2	362			

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Plasmid	Halalkalicoccus jeotgali B3_3	41			
Plasmid	Halalkalicoccus jeotgali B3_4	41			
Plasmid	Halalkalicoccus jeotgali B3_5	24			
Plasmid	Halalkalicoccus jeotgali B3_6	8			
Plasmid	Haliscomenobacter hydrossis DSM 1100_1	121			
Plasmid	Haliscomenobacter hydrossis DSM 1100_2	108			
Plasmid	Haliscomenobacter hydrossis DSM 1100_3	72			
Plasmid	Haloarcula marismortui ATCC 43049_1	36			
Plasmid	Haloarcula marismortui ATCC 43049_2	42			
Plasmid	Haloarcula marismortui ATCC 43049_3	40			
Plasmid	Haloarcula marismortui ATCC 43049_4	51			
Plasmid	Haloarcula marismortui ATCC 43049_5	131			
Plasmid	Haloarcula marismortui ATCC 43049_6	166			
Plasmid	Haloarcula marismortui ATCC 43049_7	362			
Plasmid	Halobacterium salinarum R1_1	152			
Plasmid	Halobacterium salinarum R1_2	39			
Plasmid	Halobacterium salinarum R1_3	248			
Plasmid	Halobacterium salinarum R1_4	200			
Plasmid	Halobacterium sp. NRC-1_1	176			
Plasmid	Halobacterium sp. NRC-1_2	371			
Plasmid	Haloferax volcanii DS2_1	376			
Plasmid	Haloferax volcanii DS2_2	5			
Plasmid	Haloferax volcanii DS2_3	611			
Plasmid	Haloferax volcanii DS2_4	78			
Plasmid	Halogeometricum borinquense DSM 11551_1	305			
Plasmid	Halogeometricum borinquense DSM 11551_2	179			
Plasmid	Halogeometricum borinquense DSM 11551_3	309			
Plasmid	Halogeometricum borinquense DSM 11551_4	189			
Plasmid	Halogeometricum borinquense DSM 11551_5	23			
Plasmid	Halomicrobium mukohataei DSM 12286_1	176			
Plasmid	Haloquadratum walsbyi DSM 16790_1	36			
Plasmid	Halorubrum lacusprofundi ATCC 49239_1	376			
Plasmid	Haloterrigena turkmenica DSM 5511_1	593			
Plasmid	Haloterrigena turkmenica DSM 5511_2	329			
Plasmid	Haloterrigena turkmenica DSM 5511_3	175			
Plasmid	Haloterrigena turkmenica DSM 5511_4	159			
Plasmid	Haloterrigena turkmenica DSM 5511_5	97			
Plasmid	Haloterrigena turkmenica DSM 5511_6	21			
Plasmid	Helicobacter acinonychis str. Sheeba_1	6			
Plasmid	Helicobacter pylori G27_1	11			
Plasmid	Helicobacter pylori HPAG1_1	8			
Plasmid	Helicobacter pylori P12_1	10			
Plasmid	Helicobacter pylori PeCan4_1	8			
Plasmid	Helicobacter pylori_1	5			
Plasmid	Herpetosiphon aurantiacus ATCC 23779_1	231			
Plasmid	Herpetosiphon aurantiacus ATCC 23779_2	71			
Plasmid	Hirschia baltica ATCC 49814_1	68			
Plasmid	Ilyobacter polytropus DSM 2926_1	882			
Plasmid	Ilyobacter polytropus DSM 2926_2	109			
Plasmid	Isosphaera pallida ATCC 43644_1	32			
Plasmid	Jannaschia sp. CCS1_1	71			
Plasmid	Ketogulonicigenium vulgare Y25_1	249			
Plasmid	Ketogulonicigenium vulgare Y25_2	220			
Plasmid	Kineococcus radiotolerans SRS30216_1	17			
Plasmid	Kineococcus radiotolerans SRS30216_2	184			
Plasmid	Klebsiella pneumoniae 342_1	113			
Plasmid	Klebsiella pneumoniae 342_2	230			
Plasmid	Klebsiella pneumoniae NTUH-K2044_1	270			
Plasmid	Klebsiella pneumoniae subsp. pneumoniae MGH 78578_1	178			
Plasmid	Klebsiella pneumoniae subsp. pneumoniae MGH 78578_2	123			
Plasmid	Klebsiella pneumoniae subsp. pneumoniae MGH 78578_3	98			
Plasmid	Klebsiella pneumoniae subsp. pneumoniae MGH 78578_4	5			
Plasmid	Klebsiella pneumoniae subsp. pneumoniae MGH 78578_5	5			
Plasmid	Lactobacillus acidophilus 30SC_1	6			
Plasmid	Lactobacillus acidophilus 30SC_2	16			
Plasmid	Lactobacillus amylovorus GRL 1112_1	40			
Plasmid	Lactobacillus amylovorus GRL 1112_2	27			
Plasmid	Lactobacillus brevis ATCC 367_1	11			
Plasmid	Lactobacillus brevis ATCC 367_2	22			
Plasmid	Lactobacillus buchneri NRRL B-30929_1	46			
Plasmid	Lactobacillus buchneri NRRL B-30929_2	14			
Plasmid	Lactobacillus buchneri NRRL B-30929_3	18			
Plasmid	Lactobacillus casei ATCC 334_1	20			
Plasmid	Lactobacillus casei str. Zhang_1	44			
Plasmid	Lactobacillus delbrueckii subsp. bulgaricus ND02_1	6			
Plasmid	Lactobacillus johnsonii FI9785_1	2			
Plasmid	Lactobacillus johnsonii FI9785_2	23			
Plasmid	Lactobacillus plantarum subsp. plantarum ST-III_1	42			
Plasmid	Lactobacillus plantarum WCFS1_1	3			
Plasmid	Lactobacillus plantarum WCFS1_2	4			

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Plasmid	<i>Lactobacillus plantarum</i> WCFS1_3	43			
Plasmid	<i>Lactobacillus rhamnosus</i> Lc 705_1	79			
Plasmid	<i>Lactobacillus salivarius</i> UCC118_1	27			
Plasmid	<i>Lactobacillus salivarius</i> UCC118_2	47			
Plasmid	<i>Lactobacillus salivarius</i> UCC118_3	222			
Plasmid	<i>Lactococcus lactis</i> subsp. <i>cremoris</i> SK11_1	10			
Plasmid	<i>Lactococcus lactis</i> subsp. <i>cremoris</i> SK11_2	6			
Plasmid	<i>Lactococcus lactis</i> subsp. <i>cremoris</i> SK11_3	61			
Plasmid	<i>Lactococcus lactis</i> subsp. <i>cremoris</i> SK11_4	35			
Plasmid	<i>Lactococcus lactis</i> subsp. <i>cremoris</i> SK11_5	8			
Plasmid	<i>Lactococcus lactis</i> subsp. <i>lactis</i> KF147_1	29			
Plasmid	<i>Lawsonia intracellularis</i> PHE/MN1-00_1	29			
Plasmid	<i>Lawsonia intracellularis</i> PHE/MN1-00_2	24			
Plasmid	<i>Lawsonia intracellularis</i> PHE/MN1-00_3	104			
Plasmid	<i>Legionella longbeachae</i> NSW150_1	67			
Plasmid	<i>Legionella pneumophila</i> str. <i>Lens</i> _1	56			
Plasmid	<i>Legionella pneumophila</i> str. <i>Paris</i> _1	139			
Plasmid	<i>Leptospira biflexa</i> serovar <i>Patoc</i> strain ' <i>Patoc</i> 1 (<i>Ames</i>)'_1	57			
Plasmid	<i>Leptospira biflexa</i> serovar <i>Patoc</i> strain ' <i>Patoc</i> 1 (<i>Paris</i>)'_1	59			
Plasmid	<i>Leuconostoc citreum</i> KM20_1	36			
Plasmid	<i>Leuconostoc citreum</i> KM20_2	20			
Plasmid	<i>Leuconostoc citreum</i> KM20_3	13			
Plasmid	<i>Leuconostoc citreum</i> KM20_4	49			
Plasmid	<i>Leuconostoc kimchii</i> IMSNU 11154_1	21			
Plasmid	<i>Leuconostoc kimchii</i> IMSNU 11154_2	21			
Plasmid	<i>Leuconostoc kimchii</i> IMSNU 11154_3	21			
Plasmid	<i>Leuconostoc kimchii</i> IMSNU 11154_4	36			
Plasmid	<i>Leuconostoc kimchii</i> IMSNU 11154_5	4			
Plasmid	<i>Leuconostoc mesenteroides</i> subsp. <i>mesenteroides</i> ATCC 8293_1	35			
Plasmid	<i>Listeria innocua</i> Clp11262_1	75			
Plasmid	<i>Listeria monocytogenes</i> 08-5578_1	78			
Plasmid	<i>Lysinibacillus sphaericus</i> C3-41_1	187			
Plasmid	<i>Macrococcus caseolyticus</i> JCSC5402_1	14			
Plasmid	<i>Macrococcus caseolyticus</i> JCSC5402_2	69			
Plasmid	<i>Macrococcus caseolyticus</i> JCSC5402_3	1			
Plasmid	<i>Macrococcus caseolyticus</i> JCSC5402_4	2			
Plasmid	<i>Macrococcus caseolyticus</i> JCSC5402_5	4			
Plasmid	<i>Macrococcus caseolyticus</i> JCSC5402_6	4			
Plasmid	<i>Macrococcus caseolyticus</i> JCSC5402_7	5			
Plasmid	<i>Macrococcus caseolyticus</i> JCSC5402_8	3			
Plasmid	<i>Marinobacter aquaeolei</i> VT8_1	213			
Plasmid	<i>Marinobacter aquaeolei</i> VT8_2	201			
Plasmid	<i>Marivirga tractuosa</i> DSM 4126_1	8			
Plasmid	<i>Meiothermus silvanus</i> DSM 9946_1	306			
Plasmid	<i>Meiothermus silvanus</i> DSM 9946_2	127			
Plasmid	<i>Melissococcus plutonius</i> ATCC 35311_1	143			
Plasmid	<i>Mesorhizobium ciceri</i> biovar <i>biserrulae</i> WSM1271_1	394			
Plasmid	<i>Mesorhizobium loti</i> MAFF303099_1	320			
Plasmid	<i>Mesorhizobium loti</i> MAFF303099_2	209			
Plasmid	<i>Mesorhizobium</i> sp. <i>BNC1</i> _1	317			
Plasmid	<i>Mesorhizobium</i> sp. <i>BNC1</i> _2	113			
Plasmid	<i>Mesorhizobium</i> sp. <i>BNC1</i> _3	49			
Plasmid	<i>Methanocaldococcus fervens</i> AG86_1	35			
Plasmid	<i>Methanocaldococcus jannaschii</i> DSM 2661_1	45			
Plasmid	<i>Methanocaldococcus jannaschii</i> DSM 2661_2	12			
Plasmid	<i>Methanocaldococcus</i> sp. <i>FS406-22</i> _1	12			
Plasmid	<i>Methanocaldococcus vulcanius</i> M7_1	13			
Plasmid	<i>Methanocaldococcus vulcanius</i> M7_2	2			
Plasmid	<i>Methanococcus maripaludis</i> C5_1	9			
Plasmid	<i>Methanohalobium evestigatum</i> Z-7303_1	106			
Plasmid	<i>Methanosaela concilii</i> GP-6_1	21			
Plasmid	<i>Methanosarcina barkeri</i> str. <i>Fusaro</i> _1	18			
Plasmid	<i>Methanothermobacter marburgensis</i> str. <i>Marburg</i> _1	4			
Plasmid	<i>Methylibium petroleiphilum</i> PM1_1	630			
Plasmid	<i>Methylobacterium chloromethanicum</i> CM4_1	306			
Plasmid	<i>Methylobacterium chloromethanicum</i> CM4_2	37			
Plasmid	<i>Methylobacterium extorquens</i> AM1_1	33			
Plasmid	<i>Methylobacterium extorquens</i> AM1_2	34			
Plasmid	<i>Methylobacterium extorquens</i> AM1_3	30			
Plasmid	<i>Methylobacterium extorquens</i> AM1_4	1162			
Plasmid	<i>Methylobacterium extorquens</i> DM4_1	105			
Plasmid	<i>Methylobacterium extorquens</i> DM4_2	37			
Plasmid	<i>Methylobacterium nodulans</i> ORS 2060_1	409			
Plasmid	<i>Methylobacterium nodulans</i> ORS 2060_2	21			
Plasmid	<i>Methylobacterium nodulans</i> ORS 2060_3	13			
Plasmid	<i>Methylobacterium nodulans</i> ORS 2060_4	7			
Plasmid	<i>Methylobacterium nodulans</i> ORS 2060_5	402			
Plasmid	<i>Methylobacterium nodulans</i> ORS 2060_6	53			
Plasmid	<i>Methylobacterium nodulans</i> ORS 2060_7	48			
Plasmid	<i>Methylobacterium populi</i> BJ001_1	26			

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Plasmid	Methylobacterium populi BJ001_2	25			
Plasmid	Methylobacterium radiotolerans JCM 2831_1	23			
Plasmid	Methylobacterium radiotolerans JCM 2831_2	21			
Plasmid	Methylobacterium radiotolerans JCM 2831_3	27			
Plasmid	Methylobacterium radiotolerans JCM 2831_4	52			
Plasmid	Methylobacterium radiotolerans JCM 2831_5	507			
Plasmid	Methylobacterium radiotolerans JCM 2831_6	43			
Plasmid	Methylobacterium radiotolerans JCM 2831_7	41			
Plasmid	Methylobacterium radiotolerans JCM 2831_8	31			
Plasmid	Methylobacterium sp. 4-46_1	62			
Plasmid	Methylobacterium sp. 4-46_2	21			
Plasmid	Methylovorus sp. SIP3-4_1	79			
Plasmid	Methylovorus sp. SIP3-4_2	13			
Plasmid	Mycobacterium abscessus ATCC 19977_1	21			
Plasmid	Mycobacterium gilvum PYR-GCK_1	298			
Plasmid	Mycobacterium gilvum PYR-GCK_2	24			
Plasmid	Mycobacterium gilvum PYR-GCK_3	16			
Plasmid	Mycobacterium marinum M_1	29			
Plasmid	Mycobacterium sp. KMS_1	283			
Plasmid	Mycobacterium sp. KMS_2	232			
Plasmid	Mycobacterium sp. MCS_1	224			
Plasmid	Mycobacterium sp. Spyr1_1	196			
Plasmid	Mycobacterium sp. Spyr1_2	23			
Plasmid	Mycobacterium ulcerans Agy99_1	81			
Plasmid	Natranaerobius thermophilus JW/NM-WN-LF_1	14			
Plasmid	Natranaerobius thermophilus JW/NM-WN-LF_2	10			
Plasmid	Natrialba magadii ATCC 43099_1	340			
Plasmid	Natrialba magadii ATCC 43099_2	219			
Plasmid	Natrialba magadii ATCC 43099_3	94			
Plasmid	Natronomonas pharaonis DSM 2160_1	125			
Plasmid	Natronomonas pharaonis DSM 2160_2	36			
Plasmid	Neisseria gonorrhoeae NCCP11945_1	12			
Plasmid	Nitrobacter hamburgensis X14_1	239			
Plasmid	Nitrobacter hamburgensis X14_2	172			
Plasmid	Nitrobacter hamburgensis X14_3	111			
Plasmid	Nitrosococcus halophilus Nc4_1	68			
Plasmid	Nitrosococcus oceani ATCC 19707_1	43			
Plasmid	Nitrosococcus watsoni C-113_1	41			
Plasmid	Nitrosococcus watsoni C-113_2	6			
Plasmid	Nitrosomonas eutropha C91_1	55			
Plasmid	Nitrosomonas eutropha C91_2	52			
Plasmid	Nitrosomonas sp. AL212_1	65			
Plasmid	Nitrosomonas sp. AL212_2	86			
Plasmid	Nitrosospora multiformis ATCC 25196_1	17			
Plasmid	Nitrosospora multiformis ATCC 25196_2	16			
Plasmid	Nitrosospora multiformis ATCC 25196_3	15			
Plasmid	Nocardia farcinica IFM 10152_1	160			
Plasmid	Nocardia farcinica IFM 10152_2	93			
Plasmid	Nocardioides sp. JS614_1	264			
Plasmid	Nocardiopsis dassonvillei subsp. dassonvillei DSM 43111_1	699			
Plasmid	Nostoc punctiforme PCC 73102_1	25			
Plasmid	Nostoc punctiforme PCC 73102_2	73			
Plasmid	Nostoc punctiforme PCC 73102_3	260			
Plasmid	Nostoc punctiforme PCC 73102_4	197			
Plasmid	Nostoc punctiforme PCC 73102_5	48			
Plasmid	Nostoc sp. PCC 7120_1	186			
Plasmid	Nostoc sp. PCC 7120_2	5			
Plasmid	Nostoc sp. PCC 7120_3	90			
Plasmid	Nostoc sp. PCC 7120_4	31			
Plasmid	Nostoc sp. PCC 7120_5	66			
Plasmid	Nostoc sp. PCC 7120_6	386			
Plasmid	Novosphingobium aromaticivorans DSM 12444_1	182			
Plasmid	Novosphingobium aromaticivorans DSM 12444_2	431			
Plasmid	Novosphingobium sp. PP1Y_1	199			
Plasmid	Novosphingobium sp. PP1Y_2	54			
Plasmid	Novosphingobium sp. PP1Y_3	969			
Plasmid	Oceanithermus profundus DSM 14977_1	144			
Plasmid	Ochrobactrum anthropi ATCC 49188_1	161			
Plasmid	Ochrobactrum anthropi ATCC 49188_2	91			
Plasmid	Ochrobactrum anthropi ATCC 49188_3	86			
Plasmid	Ochrobactrum anthropi ATCC 49188_4	37			
Plasmid	Paenibacillus polymyxa SC2_1	626			
Plasmid	Pantoea sp. At-9b_1	768			
Plasmid	Pantoea sp. At-9b_2	340			
Plasmid	Pantoea sp. At-9b_3	292			
Plasmid	Pantoea sp. At-9b_4	294			
Plasmid	Pantoea sp. At-9b_5	117			
Plasmid	Pantoea vagans C9-1_1	535			
Plasmid	Pantoea vagans C9-1_2	162			
Plasmid	Pantoea vagans C9-1_3	229			

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Plasmid	Paracoccus denitrificans PD1222_1	616			
Plasmid	Pelobacter propionicus DSM 2379_1	195			
Plasmid	Pelobacter propionicus DSM 2379_2	33			
Plasmid	Persephonella marina EX-H1_1	70			
Plasmid	Phenyllobacterium zucineum HLK1_1	325			
Plasmid	Photobacterium profundum SS9_1	67			
Plasmid	Photorhabdus asymbiotica_1	27			
Plasmid	Planctomyces limnophilus DSM 3776_1	60			
Plasmid	Polaromonas naphthalenivorans CJ2_1	305			
Plasmid	Polaromonas naphthalenivorans CJ2_2	161			
Plasmid	Polaromonas naphthalenivorans CJ2_3	155			
Plasmid	Polaromonas naphthalenivorans CJ2_4	136			
Plasmid	Polaromonas naphthalenivorans CJ2_5	52			
Plasmid	Polaromonas naphthalenivorans CJ2_6	20			
Plasmid	Polaromonas naphthalenivorans CJ2_7	11			
Plasmid	Polaromonas naphthalenivorans CJ2_8	5			
Plasmid	Polaromonas sp. JS666_1	326			
Plasmid	Polaromonas sp. JS666_2	310			
Plasmid	Polymorphum gilvum SL003B-26A1_1	69			
Plasmid	Prosthecochloris aestuarii DSM 271_1	64			
Plasmid	Proteus mirabilis_1	55			
Plasmid	Pseudomonas fluorescens SBW25_1	474			
Plasmid	Pseudomonas syringae pv. phaseolicola 1448A_1	127			
Plasmid	Pseudomonas syringae pv. phaseolicola 1448A_2	60			
Plasmid	Pseudomonas syringae pv. tomato str. DC3000_1	70			
Plasmid	Pseudomonas syringae pv. tomato str. DC3000_2	68			
Plasmid	Pseudonocardia dioxanivorans CB1190_1	14			
Plasmid	Pseudonocardia dioxanivorans CB1190_2	172			
Plasmid	Psychrobacter cryohalolentis K5_1	44			
Plasmid	Psychrobacter sp. PRwf-1_1	14			
Plasmid	Psychrobacter sp. PRwf-1_2	1			
Plasmid	Pusillimonas sp. T7-7_1	77			
Plasmid	Pyrococcus abyssi GE5_1	2			
Plasmid	Rahnella sp. Y9602_1	595			
Plasmid	Rahnella sp. Y9602_2	124			
Plasmid	Ralstonia eutropha H16_1	420			
Plasmid	Ralstonia eutropha JMP134_1	512			
Plasmid	Ralstonia eutropha JMP134_2	88			
Plasmid	Ralstonia pickettii 12D_1	276			
Plasmid	Ralstonia pickettii 12D_2	67			
Plasmid	Ralstonia pickettii 12D_3	427			
Plasmid	Ralstonia pickettii 12J_1	90			
Plasmid	Ralstonia solanacearum GMI1000_1	1676			
Plasmid	Ralstonia solanacearum PSI07_1	1694			
Plasmid	Rhizobium etli CFN 42_1	336			
Plasmid	Rhizobium etli CFN 42_2	175			
Plasmid	Rhizobium etli CFN 42_3	163			
Plasmid	Rhizobium etli CFN 42_4	232			
Plasmid	Rhizobium etli CFN 42_5	455			
Plasmid	Rhizobium etli CFN 42_6	567			
Plasmid	Rhizobium etli CIAT 652_1	356			
Plasmid	Rhizobium etli CIAT 652_2	976			
Plasmid	Rhizobium etli CIAT 652_3	381			
Plasmid	Rhizobium leguminosarum bv. trifolii WSM1325_1	737			
Plasmid	Rhizobium leguminosarum bv. trifolii WSM1325_2	306			
Plasmid	Rhizobium leguminosarum bv. trifolii WSM1325_3	494			
Plasmid	Rhizobium leguminosarum bv. trifolii WSM1325_4	275			
Plasmid	Rhizobium leguminosarum bv. trifolii WSM1325_5	624			
Plasmid	Rhizobium leguminosarum bv. trifolii WSM2304_1	450			
Plasmid	Rhizobium leguminosarum bv. trifolii WSM2304_2	1161			
Plasmid	Rhizobium leguminosarum bv. trifolii WSM2304_3	256			
Plasmid	Rhizobium leguminosarum bv. trifolii WSM2304_4	223			
Plasmid	Rhizobium leguminosarum bv. viciae 3841_1	780			
Plasmid	Rhizobium leguminosarum bv. viciae 3841_2	305			
Plasmid	Rhizobium leguminosarum bv. viciae 3841_3	442			
Plasmid	Rhizobium leguminosarum bv. viciae 3841_4	156			
Plasmid	Rhizobium leguminosarum bv. viciae 3841_5	132			
Plasmid	Rhizobium leguminosarum bv. viciae 3841_6	634			
Plasmid	Rhodobacter capsulatus SB 1003_1	149			
Plasmid	Rhodobacter sphaeroides 2.4.1_1	100			
Plasmid	Rhodobacter sphaeroides 2.4.1_2	82			
Plasmid	Rhodobacter sphaeroides 2.4.1_3	87			
Plasmid	Rhodobacter sphaeroides 2.4.1_4	87			
Plasmid	Rhodobacter sphaeroides 2.4.1_5	29			
Plasmid	Rhodobacter sphaeroides ATCC 17025_1	802			
Plasmid	Rhodobacter sphaeroides ATCC 17025_2	268			
Plasmid	Rhodobacter sphaeroides ATCC 17025_3	109			
Plasmid	Rhodobacter sphaeroides ATCC 17025_4	31			
Plasmid	Rhodobacter sphaeroides ATCC 17025_5	12			
Plasmid	Rhodobacter sphaeroides ATCC 17029_1	107			

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Plasmid	Rhodobacter sphaeroides KD131_1	102			
Plasmid	Rhodobacter sphaeroides KD131_2	142			
Plasmid	Rhodococcus erythropolis PR4_1	102			
Plasmid	Rhodococcus erythropolis PR4_2	3			
Plasmid	Rhodococcus erythropolis PR4_3	298			
Plasmid	Rhodococcus jostii RHA1_1	1146			
Plasmid	Rhodococcus jostii RHA1_2	454			
Plasmid	Rhodococcus jostii RHA1_3	334			
Plasmid	Rhodococcus opacus B4_1	6			
Plasmid	Rhodococcus opacus B4_2	2			
Plasmid	Rhodococcus opacus B4_3	593			
Plasmid	Rhodococcus opacus B4_4	248			
Plasmid	Rhodococcus opacus B4_5	102			
Plasmid	Rhodoferax ferrireducens T118_1	248			
Plasmid	Rhodopseudomonas palustris CGA009_1	7			
Plasmid	Rhodospirillum rubrum ATCC 11170_1	50			
Plasmid	Rhodothermus marinus DSM 4252_1	97			
Plasmid	Rickettsia africae ESF-5_1	11			
Plasmid	Rickettsia felis URRWXCal2_1	68			
Plasmid	Rickettsia felis URRWXCal2_2	44			
Plasmid	Rickettsia massiliae MTU5_1	12			
Plasmid	Rickettsia peacockii str. Rustic_1	20			
Plasmid	Roseobacter denitrificans OCh 114_1	105			
Plasmid	Roseobacter denitrificans OCh 114_2	56			
Plasmid	Roseobacter denitrificans OCh 114_3	16			
Plasmid	Roseobacter denitrificans OCh 114_4	6			
Plasmid	Ruegeria pomeroyi DSS-3_1	442			
Plasmid	Ruegeria sp. TM1040_1	106			
Plasmid	Ruegeria sp. TM1040_2	728			
Plasmid	Ruminococcus albus 7_1	376			
Plasmid	Ruminococcus albus 7_2	290			
Plasmid	Ruminococcus albus 7_3	18			
Plasmid	Ruminococcus albus 7_4	8			
Plasmid	Salinibacter ruber DSM 13855_1	32			
Plasmid	Salinibacter ruber M8_1	13			
Plasmid	Salinibacter ruber M8_2	38			
Plasmid	Salinibacter ruber M8_3	50			
Plasmid	Salmonella enterica subsp. enterica serovar Agona str. SL483_1	52			
Plasmid	Salmonella enterica subsp. enterica serovar Choleraesuis str. SC-B67_1	51			
Plasmid	Salmonella enterica subsp. enterica serovar Choleraesuis str. SC-B67_2	170			
Plasmid	Salmonella enterica subsp. enterica serovar Dublin str. CT_02021853_1	103			
Plasmid	Salmonella enterica subsp. enterica serovar Heidelberg str. SL476_1	125			
Plasmid	Salmonella enterica subsp. enterica serovar Heidelberg str. SL476_2	4			
Plasmid	Salmonella enterica subsp. enterica serovar Newport str. SL254_1	190			
Plasmid	Salmonella enterica subsp. enterica serovar Newport str. SL254_2	3			
Plasmid	Salmonella enterica subsp. enterica serovar Paratyphi C strain RKS4594_1	62			
Plasmid	Salmonella enterica subsp. enterica serovar Schwarzengrund str. CVM19633_1	122			
Plasmid	Salmonella enterica subsp. enterica serovar Schwarzengrund str. CVM19633_2	5			
Plasmid	Salmonella enterica subsp. enterica serovar Typhi str. CT18_1	235			
Plasmid	Salmonella enterica subsp. enterica serovar Typhi str. CT18_2	128			
Plasmid	Salmonella typhimurium LT2_1	102			
Plasmid	Sealdella termitidis ATCC 33386_1	51			
Plasmid	Sealdella termitidis ATCC 33386_2	16			
Plasmid	Serratia proteamaculans 568_1	51			
Plasmid	Shewanella baltica OS155_1	92			
Plasmid	Shewanella baltica OS155_2	71			
Plasmid	Shewanella baltica OS155_3	12			
Plasmid	Shewanella baltica OS155_4	7			
Plasmid	Shewanella baltica OS185_1	71			
Plasmid	Shewanella baltica OS195_1	67			
Plasmid	Shewanella baltica OS195_2	73			
Plasmid	Shewanella baltica OS195_3	49			
Plasmid	Shewanella baltica OS223_1	79			
Plasmid	Shewanella baltica OS223_2	51			
Plasmid	Shewanella baltica OS223_3	61			
Plasmid	Shewanella oneidensis MR-1_1	149			
Plasmid	Shewanella sp. ANA-3_1	249			
Plasmid	Shewanella sp. MR-7_1	8			
Plasmid	Shigella boydii CDC 3083-94_1	3			
Plasmid	Shigella boydii CDC 3083-94_2	52			
Plasmid	Shigella boydii CDC 3083-94_3	4			
Plasmid	Shigella boydii CDC 3083-94_4	242			
Plasmid	Shigella boydii CDC 3083-94_5	10			
Plasmid	Shigella boydii Sb227_1	148			
Plasmid	Shigella dysenteriae Sd197_1	223			
Plasmid	Shigella dysenteriae Sd197_2	8			
Plasmid	Shigella flexneri 2a str. 301_1	263			
Plasmid	Shigella sonnei Ss046_1	238			
Plasmid	Shigella sonnei Ss046_2	5			
Plasmid	Shigella sonnei Ss046_3	8			

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Plasmid	Shigella sonnei Ss046_4	1			
Plasmid	Sinorhizobium fredii NGR234_1	405			
Plasmid	Sinorhizobium fredii NGR234_2	2328			
Plasmid	Sinorhizobium medicae WSM419_1	1441			
Plasmid	Sinorhizobium medicae WSM419_2	1094			
Plasmid	Sinorhizobium medicae WSM419_3	149			
Plasmid	Sinorhizobium melloti 1021_1	1290			
Plasmid	Sinorhizobium melloti 1021_2	1569			
Plasmid	Sodalis glossinidius str. 'morsitans'_1	54			
Plasmid	Sodalis glossinidius str. 'morsitans'_2	23			
Plasmid	Sodalis glossinidius str. 'morsitans'_3	7			
Plasmid	Sphingobium japonicum UT26S_1	44			
Plasmid	Sphingobium japonicum UT26S_2	224			
Plasmid	Sphingobium japonicum UT26S_3	8			
Plasmid	Sphingomonas wittichii RW1_1	285			
Plasmid	Sphingomonas wittichii RW1_2	210			
Plasmid	Sphingopyxis alaskensis RB2256_1	30			
Plasmid	Spirosoma linguale DSM 74_1	177			
Plasmid	Spirosoma linguale DSM 74_2	142			
Plasmid	Spirosoma linguale DSM 74_3	40			
Plasmid	Spirosoma linguale DSM 74_4	14			
Plasmid	Spirosoma linguale DSM 74_5	12			
Plasmid	Spirosoma linguale DSM 74_6	10			
Plasmid	Spirosoma linguale DSM 74_7	11			
Plasmid	Spirosoma linguale DSM 74_8	8			
Plasmid	Staphylococcus aureus subsp. aureus COL_1	3			
Plasmid	Staphylococcus aureus subsp. aureus ED98_1	2			
Plasmid	Staphylococcus aureus subsp. aureus ED98_2	3			
Plasmid	Staphylococcus aureus subsp. aureus ED98_3	23			
Plasmid	Staphylococcus aureus subsp. aureus JH1_1	33			
Plasmid	Staphylococcus aureus subsp. aureus JH9_1	29			
Plasmid	Staphylococcus aureus subsp. aureus MSSA476_1	19			
Plasmid	Staphylococcus aureus subsp. aureus Mu50_1	34			
Plasmid	Staphylococcus aureus subsp. aureus N315_1	31			
Plasmid	Staphylococcus aureus subsp. aureus USA300_FPR3757_1	5			
Plasmid	Staphylococcus aureus subsp. aureus USA300_FPR3757_2	3			
Plasmid	Staphylococcus aureus subsp. aureus USA300_FPR3757_3	36			
Plasmid	Staphylococcus aureus subsp. aureus USA300_TCH1516_1	26			
Plasmid	Staphylococcus aureus subsp. aureus USA300_TCH1516_2	6			
Plasmid	Staphylococcus epidermidis ATCC 12228_1	11			
Plasmid	Staphylococcus epidermidis ATCC 12228_2	22			
Plasmid	Staphylococcus epidermidis ATCC 12228_3	16			
Plasmid	Staphylococcus epidermidis ATCC 12228_4	8			
Plasmid	Staphylococcus epidermidis ATCC 12228_5	6			
Plasmid	Staphylococcus epidermidis ATCC 12228_6	3			
Plasmid	Staphylococcus epidermidis RP62A_1	32			
Plasmid	Staphylococcus haemolyticus JCSC1435_1	3			
Plasmid	Staphylococcus haemolyticus JCSC1435_2	2			
Plasmid	Staphylococcus haemolyticus JCSC1435_3	11			
Plasmid	Staphylococcus saprophyticus subsp. saprophyticus ATCC 15305_1	45			
Plasmid	Staphylococcus saprophyticus subsp. saprophyticus ATCC 15305_2	23			
Plasmid	Streptobacillus moniliformis DSM 12112_1	8			
Plasmid	Streptococcus gallolyticus subsp. gallolyticus ATCC BAA-2069_1	20			
Plasmid	Streptococcus suis BM407_1	15			
Plasmid	Streptococcus thermophilus LMD-9_1	4			
Plasmid	Streptococcus thermophilus LMD-9_2	2			
Plasmid	Streptomyces avermitilis MA-4680_1	96			
Plasmid	Streptomyces coelicolor A3(2)_1	351			
Plasmid	Streptomyces coelicolor A3(2)_2	34			
Plasmid	Streptosporangium roseum DSM 43021_1	30			
Plasmid	Sulfolobus islandicus L.D.8.5_1	32			
Plasmid	Sulfolobus islandicus Y.N.15.51_1	50			
Plasmid	Sulfuricurvum kujiense DSM 16994_1	112			
Plasmid	Sulfuricurvum kujiense DSM 16994_2	86			
Plasmid	Sulfuricurvum kujiense DSM 16994_3	58			
Plasmid	Sulfuricurvum kujiense DSM 16994_4	4			
Plasmid	Synechococcus elongatus PCC 7942_1	50			
Plasmid	Synechococcus sp. PCC 7002_1	165			
Plasmid	Synechococcus sp. PCC 7002_2	3			
Plasmid	Synechococcus sp. PCC 7002_3	17			
Plasmid	Synechococcus sp. PCC 7002_4	30			
Plasmid	Synechococcus sp. PCC 7002_5	39			
Plasmid	Synechococcus sp. PCC 7002_6	109			
Plasmid	Synechocystis sp. PCC 6803_1	132			
Plasmid	Synechocystis sp. PCC 6803_2	105			
Plasmid	Synechocystis sp. PCC 6803_3	49			
Plasmid	Synechocystis sp. PCC 6803_4	110			
Plasmid	Thauera sp. MZ1T_1	75			
Plasmid	Thermococcus barophilus MP_1	58			
Plasmid	Thermofilum pendens Hrk 5_1	52			

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Plasmid	Thermomicrobium roseum DSM 5159_1	937			
Plasmid	Thermovibrio ammonificans HB-1_1	102			
Plasmid	Thermus scotoductus SA-01_1	12			
Plasmid	Thermus thermophilus HB27_1	228			
Plasmid	Thermus thermophilus HB8_1	251			
Plasmid	Thermus thermophilus HB8_2	14			
Plasmid	Thioalkalivibrio sp. K90mix_1	280			
Plasmid	Thiomonas intermedia K12_1	43			
Plasmid	Thiomonas intermedia K12_2	23			
Plasmid	Treponema succinifaciens DSM 2489_1	156			
Plasmid	Tsukamurella paurometabola DSM 20162_1	85			
Plasmid	uncultured Termite group 1 bacterium phylotype Rs-D17_1	9			
Plasmid	uncultured Termite group 1 bacterium phylotype Rs-D17_2	3			
Plasmid	uncultured Termite group 1 bacterium phylotype Rs-D17_3	3			
Plasmid	Verminephrobacter eiseniae EF01-2_1	39			
Plasmid	Verrucosipora maris AB-18-032_1	53			
Plasmid	Vibrio fischeri ES114_1	57			
Plasmid	Vibrio fischeri MJ11_1	195			
Plasmid	Vibrio harveyi ATCC BAA-1116_1	120			
Plasmid	Vibrio vulnificus YJ016_1	69			
Plasmid	Waddlia chondrophila WSU 86-1044_1	22			
Plasmid	Wigglesworthia glossinidia endosymbiont of Glossina brevipalpis_1	6			
Plasmid	Xanthobacter autotrophicus Py2_1	289			
Plasmid	Xanthomonas axonopodis pv. citri str. 306_1	42			
Plasmid	Xanthomonas axonopodis pv. citri str. 306_2	73			
Plasmid	Xanthomonas campestris pv. vesicatoria str. 85-10_1	2			
Plasmid	Xanthomonas campestris pv. vesicatoria str. 85-10_2	22			
Plasmid	Xanthomonas campestris pv. vesicatoria str. 85-10_3	43			
Plasmid	Xanthomonas campestris pv. vesicatoria str. 85-10_4	172			
Plasmid	Xenorhabdus nematophila ATCC 19061_1	175			
Plasmid	Xylanimonas cellulolytica DSM 15894_1	106			
Plasmid	Xylella fastidiosa 9a5c_1	2			
Plasmid	Xylella fastidiosa 9a5c_2	64			
Plasmid	Xylella fastidiosa M23_1	40			
Plasmid	Xylella fastidiosa Temecula1_1	2			
Plasmid	Yersinia enterocolitica subsp. enterocolitica 8081_1	72			
Plasmid	Yersinia enterocolitica subsp. palearctica 105.5R(r)_1	86			
Plasmid	Yersinia pestis Angola_1	88			
Plasmid	Yersinia pestis Angola_2	120			
Plasmid	Yersinia pestis Antiqua_1	99			
Plasmid	Yersinia pestis Antiqua_2	9			
Plasmid	Yersinia pestis Antiqua_3	89			
Plasmid	Yersinia pestis biovar Microtus str. 91001_1	85			
Plasmid	Yersinia pestis biovar Microtus str. 91001_2	30			
Plasmid	Yersinia pestis biovar Microtus str. 91001_3	122			
Plasmid	Yersinia pestis biovar Microtus str. 91001_4	10			
Plasmid	Yersinia pestis CO92_1	71			
Plasmid	Yersinia pestis CO92_2	9			
Plasmid	Yersinia pestis CO92_3	101			
Plasmid	Yersinia pestis KIM_1	116			
Plasmid	Yersinia pestis Nepal516_1	104			
Plasmid	Yersinia pestis Nepal516_2	9			
Plasmid	Yersinia pestis Pestoides F_1	88			
Plasmid	Yersinia pestis Pestoides F_2	131			
Plasmid	Yersinia pestis Z176003_1	67			
Plasmid	Yersinia pestis Z176003_2	76			
Plasmid	Yersinia pestis Z176003_3	8			
Plasmid	Yersinia pseudotuberculosis IP 31758_1	64			
Plasmid	Yersinia pseudotuberculosis IP 31758_2	136			
Plasmid	Yersinia pseudotuberculosis IP 32953_1	95			
Plasmid	Yersinia pseudotuberculosis IP 32953_2	42			
Plasmid	Yersinia pseudotuberculosis PB1/+_1	87			
Plasmid	Zymomonas mobilis subsp. mobilis NCIB 11163_1	46			
Plasmid	Zymomonas mobilis subsp. mobilis NCIB 11163_2	32			
Plasmid	Zymomonas mobilis subsp. mobilis NCIB 11163_3	6			
Virus	Abaca bunchy top virus	5	2	DNA	NA
Virus	Abalone herpesvirus Taiwan/2004	14	1	DNA	NA
Virus	Abalone herpesvirus Victoria/AUS/2009	118	1	DNA	NA
Virus	Abalone shriveling syndrome-associated virus	31	1	DNA	NA
Virus	Abelson murine leukemia virus	6	6	RNA	2
Virus	Abutilon Brazil virus	7	2	DNA	3
Virus	Abutilon mosaic Bolivia virus	7	2	DNA	3
Virus	Abutilon mosaic Brazil virus	7	2	DNA	3
Virus	Abutilon mosaic virus	9	2	DNA	3
Virus	Acanthamoeba polyphaga mimivirus	979	1	DNA	5
Virus	Acanthocystis turfacea Chlorella virus 1	860	1	DNA	5
Virus	Acheta domestica densovirus	5	2	DNA	3
Virus	Acholeplasma phage L2	16	1	DNA	NA
Virus	Acholeplasma phage MV-L1	4	2	DNA	NA
Virus	Acidianus bottle-shaped virus	57	1	DNA	NA

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Acidianus filamentous virus 1	40	1	DNA	NA
Virus	Acidianus filamentous virus 2	52	1	DNA	NA
Virus	Acidianus filamentous virus 3	68	1	DNA	NA
Virus	Acidianus filamentous virus 6	66	1	DNA	NA
Virus	Acidianus filamentous virus 7	57	1	DNA	NA
Virus	Acidianus filamentous virus 8	61	1	DNA	NA
Virus	Acidianus filamentous virus 9	73	1	DNA	NA
Virus	Acidianus rod-shaped virus 1	41	1	DNA	NA
Virus	Acidianus spindle-shaped virus 1	38	1	DNA	NA
Virus	Acidianus two-tailed virus	72	1	DNA	NA
Virus	Acinetobacter bacteriophage AP22	89	1	DNA	1
Virus	Acinetobacter phage 133	257	1	DNA	4
Virus	Acinetobacter phage Ac42	255	1	DNA	1
Virus	Acinetobacter phage Acj61	241	1	DNA	1
Virus	Acinetobacter phage Acj9	253	1	DNA	1
Virus	Acinetobacter phage AP205	4	4	RNA	1
Virus	Acinetobacter phage ZZ1	402	1	DNA	1
Virus	Aconitum latent virus	6	4	RNA	1
Virus	Actinidia virus B	5	4	RNA	1
Virus	Actinomyces phage Av-1	22	1	DNA	4
Virus	Actinoplanes phage phiAsp2	76	1	DNA	4
Virus	Acute bee paralysis virus	3	4	RNA	1
Virus	Acyrthosiphon pisum bacteriophage APSE-1	54	1	DNA	4
Virus	Acyrthosiphon pisum virus	2	4	RNA	NA
Virus	Adeno-associated virus - 1	2	2	DNA	3
Virus	Adeno-associated virus - 2	8	2	DNA	3
Virus	Adeno-associated virus - 3	2	2	DNA	3
Virus	Adeno-associated virus - 4	2	2	DNA	3
Virus	Adeno-associated virus - 5	2	2	DNA	3
Virus	Adeno-associated virus - 7	2	2	DNA	3
Virus	Adeno-associated virus - 8	2	2	DNA	3
Virus	Adoxophyes honmai NPV	125	1	DNA	NA
Virus	Adoxophyes orana granulovirus	119	1	DNA	NA
Virus	Adoxophyes orana nucleopolyhedrovirus	121	1	DNA	NA
Virus	Adult diarrheal rotavirus strain J19	11	3	RNA	NA
Virus	Aedes aegypti densovirus	3	2	DNA	3
Virus	Aedes albopictus densovirus	3	2	DNA	3
Virus	Aedes flavivirus	14	4	RNA	1
Virus	Aedes pseudoscutellaris reovirus	9	3	RNA	NA
Virus	Aeromonas phage 25	242	1	DNA	4
Virus	Aeromonas phage 31	247	1	DNA	4
Virus	Aeromonas phage 44RR2.8t	252	1	DNA	4
Virus	Aeromonas phage 65	437	1	DNA	4
Virus	Aeromonas phage Aeh1	352	1	DNA	4
Virus	Aeromonas phage phiAS4	271	1	DNA	4
Virus	Aeromonas phage phiAS5	343	1	DNA	4
Virus	Aeromonas phage phiO18P	45	1	DNA	4
Virus	African cassava mosaic virus	9	2	DNA	3
Virus	African green monkey polyomavirus	5	1	DNA	3
Virus	African green monkey simian foamy virus	5	6	RNA	2
Virus	African horsesickness virus	11	3	RNA	NA
Virus	African oil palm ringspot virus	5	4	RNA	1
Virus	African swine fever virus	160	1	DNA	5
Virus	Ageratum enation virus	6	2	DNA	3
Virus	Ageratum leaf Cameroon betasatellite	1	2	DNA	3
Virus	Ageratum leaf curl Buea betasatellite	1	2	DNA	3
Virus	Ageratum leaf curl Cameroon alphasatellite	3	2	DNA	3
Virus	Ageratum leaf curl Cameroon virus	6	2	DNA	3
Virus	Ageratum leaf curl disease associated satellite DNA beta	1	2	DNA	3
Virus	Ageratum yellow vein China betasatellite	1	2	DNA	3
Virus	Ageratum yellow vein China virus	6	2	DNA	3
Virus	Ageratum yellow vein Hualian virus	6	2	DNA	3
Virus	Ageratum yellow vein Singapore alphasatellite	1	2	DNA	3
Virus	Ageratum yellow vein Sri Lanka virus	6	2	DNA	3
Virus	Ageratum yellow vein Taiwan virus	6	2	DNA	3
Virus	Ageratum yellow vein virus	7	2	DNA	3
Virus	Ageratum yellow vein virus satellite DNA beta	1	2	DNA	3
Virus	Aggregatibacter phage S1249	66	1	DNA	4
Virus	Agropyron mosaic virus	12	4	RNA	1
Virus	Agrotis ipsilon multiple nucleopolyhedrovirus	163	1	DNA	NA
Virus	Agrotis segetum granulovirus	132	1	DNA	NA
Virus	Agrotis segetum nucleopolyhedrovirus	153	1	DNA	NA
Virus	Aguacate virus	4	5	RNA	NA
Virus	Aichi virus	11	4	RNA	1
Virus	Aino virus	4	5	RNA	NA
Virus	Akabane virus	4	5	RNA	NA
Virus	Alcelaphine herpesvirus 1	71	1	DNA	NA
Virus	Aleutian mink disease virus	4	2	DNA	3
Virus	Alfalfa mosaic virus	4	4	RNA	1
Virus	Algerian watermelon mosaic virus	12	4	RNA	1

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Alkhumra hemorrhagic fever virus	14	4	RNA	1
Virus	Allamanda leaf curl virus	6	2	DNA	3
Virus	Allium virus X	5	4	RNA	1
Virus	Allpahuayo virus	4	5	RNA	NA
Virus	Alphapapillomavirus 12	8	1	DNA	3
Virus	Alphapapillomavirus 13	7	1	DNA	3
Virus	Alphapapillomavirus 3	7	1	DNA	3
Virus	Alstroemeria virus x	5	4	RNA	1
Virus	Alternanthera mosaic virus	5	4	RNA	1
Virus	Alternanthera yellow vein betasatellite	1	2	DNA	3
Virus	Alternanthera yellow vein virus	6	2	DNA	3
Virus	Alternaria alternata virus 1	4	3	RNA	NA
Virus	Amapari virus	4	5	RNA	NA
Virus	Amasya cherry disease associated chrysovirus	4	3	RNA	NA
Virus	Amasya cherry disease-associated mycovirus	2	3	RNA	1
Virus	Amazon lily mild mottle virus	4	4	RNA	NA
Virus	Ambystoma tigrinum virus	95	1	DNA	5
Virus	American grass carp reovirus	12	3	RNA	NA
Virus	American hop latent virus	6	4	RNA	1
Virus	American plum line pattern virus	4	4	RNA	1
Virus	Amsacta moorei entomopoxvirus 'L'	294	1	DNA	5
Virus	Anagyris vein yellowing virus	3	4	RNA	1
Virus	Anatid herpesvirus 1	77	1	DNA	NA
Virus	Andes virus	4	5	RNA	NA
Virus	Angelonia flower break virus	6	4	RNA	1
Virus	Anguillid herpesvirus 1	134	1	DNA	NA
Virus	Anopheles gambiae densonucleosis virus	3	2	DNA	3
Virus	Antheraea pernyi nucleopolyhedrovirus	147	1	DNA	NA
Virus	Anticarsia gemmatalis nucleopolyhedrovirus	152	1	DNA	NA
Virus	Aotine herpesvirus 1	153	1	DNA	NA
Virus	Aphid lethal paralysis virus	2	4	RNA	1
Virus	Apium virus Y	12	4	RNA	1
Virus	Apocheima cinerarium nucleopolyhedrovirus	117	1	DNA	NA
Virus	Apoi virus	14	4	RNA	1
Virus	Apple chlorotic leaf spot virus	3	4	RNA	1
Virus	Apple latent spherical virus	11	4	RNA	1
Virus	Apple mosaic virus	4	4	RNA	1
Virus	Apple stem grooving virus	2	4	RNA	1
Virus	Apple stem pitting virus	5	4	RNA	1
Virus	Apricot latent virus	5	4	RNA	1
Virus	Apricot pseudo-chlorotic leaf spot virus	3	4	RNA	1
Virus	Aquareovirus A	9	3	RNA	NA
Virus	Aquareovirus C	12	3	RNA	NA
Virus	Arabidopsis mosaic virus	10	4	RNA	1
Virus	Arabidopsis mosaic virus large satellite RNA	1	NA	RNA	NA
Virus	Archaeal BJ1 virus	70	1	DNA	4
Virus	Armigeres subalbatus virus SaX06-AK20	2	3	RNA	NA
Virus	Aroa virus	1	4	RNA	1
Virus	Arracacha mottle virus	1	4	RNA	1
Virus	Artemisia virus A	4	4	RNA	1
Virus	Artibeus jamaicensis parvovirus 1	2	2	DNA	NA
Virus	Artichoke mottled crinkle virus	5	4	RNA	1
Virus	Asclepias asymptomatic virus	3	4	RNA	1
Virus	Asparagus virus 2	5	4	RNA	1
Virus	Asparagus virus 3	5	4	RNA	1
Virus	Astrovirus MLB1	3	4	RNA	1
Virus	Astrovirus MLB1 HK05	3	4	RNA	1
Virus	Astrovirus MLB2	3	4	RNA	1
Virus	Astrovirus MLB3	3	4	RNA	1
Virus	Astrovirus VA1	3	4	RNA	1
Virus	Astrovirus VA2	3	4	RNA	1
Virus	Astrovirus VA3	3	4	RNA	1
Virus	Astrovirus VA4	3	4	RNA	1
Virus	Astrovirus wild boar/WBAstV-1/2011/HUN	3	4	RNA	1
Virus	Asystasia begomovirus 1	8	2	DNA	3
Virus	Ateline herpesvirus 3	73	1	DNA	NA
Virus	Atkinsonella hypoxylon partitivirus	2	3	RNA	1
Virus	Atlantic salmon swim bladder sarcoma virus	3	6	RNA	2
Virus	Aura virus	14	4	RNA	1
Virus	Australian bat lyssavirus	5	5	RNA	NA
Virus	Autographa californica nucleopolyhedrovirus	156	1	DNA	NA
Virus	Avian adeno-associated virus ATCC VR-865	2	2	DNA	3
Virus	Avian adeno-associated virus strain DA-1	2	2	DNA	3
Virus	Avian carcinoma virus	1	6	RNA	2
Virus	Avian encephalomyelitis virus	12	4	RNA	1
Virus	Avian endogenous retrovirus EAV-HP	1	6	RNA	2
Virus	Avian gyrovirus 2	3	2	DNA	3
Virus	Avian leukemia virus	3	6	RNA	2
Virus	Avian leukosis virus	3	6	RNA	2
Virus	Avian metapneumovirus	9	5	RNA	NA

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Avian myelocytomatosis virus	5	6	RNA	2
Virus	Avian orthoreovirus	10	3	RNA	NA
Virus	Avian paramyxovirus 6	7	5	RNA	NA
Virus	Avian sapelovirus	13	4	RNA	1
Virus	Azospirillum phage Cd	95	1	DNA	4
Virus	Baboon orthoreovirus	11	3	RNA	NA
Virus	Bacillus phage 0305phi8-36	246	1	DNA	4
Virus	Bacillus phage AP50	31	1	DNA	NA
Virus	Bacillus phage B103	17	1	DNA	4
Virus	Bacillus phage B4	277	1	DNA	NA
Virus	Bacillus phage Bam35c	32	1	DNA	NA
Virus	Bacillus phage Bastille	267	1	DNA	NA
Virus	Bacillus phage BCJA1c	58	1	DNA	4
Virus	Bacillus phage BCP78	227	1	DNA	NA
Virus	Bacillus phage BPS13	268	1	DNA	NA
Virus	Bacillus phage BtCS33	57	1	DNA	NA
Virus	Bacillus phage Cherry	51	1	DNA	4
Virus	Bacillus phage Fah	50	1	DNA	4
Virus	Bacillus phage GA-1	35	1	DNA	4
Virus	Bacillus phage Gamma	53	1	DNA	4
Virus	Bacillus phage IEBH	86	1	DNA	4
Virus	Bacillus phage PBC1	50	1	DNA	NA
Virus	Bacillus phage phBC6A51	75	1	DNA	NA
Virus	Bacillus phage phBC6A52	49	1	DNA	NA
Virus	Bacillus phage phi105	51	1	DNA	4
Virus	Bacillus phage phi29	27	1	DNA	4
Virus	Bacillus phage SPBc2	185	1	DNA	NA
Virus	Bacillus phage SPO1	206	1	DNA	4
Virus	Bacillus phage SPP1	101	1	DNA	4
Virus	Bacillus phage TP21-L	56	1	DNA	4
Virus	Bacillus phage W.Ph.	258	1	DNA	NA
Virus	Bacillus phage WBeta	53	1	DNA	4
Virus	Bacillus thuringiensis phage GIL16c	31	1	DNA	NA
Virus	Bacillus virus 1	54	1	DNA	NA
Virus	Bacteriophage APSE-2	41	1	DNA	4
Virus	Bacteroides phage B124-14	68	1	DNA	4
Virus	Bacteroides phage B40-8	46	1	DNA	4
Virus	Bagaza virus	1	4	RNA	1
Virus	Bamboo mosaic virus	6	4	RNA	1
Virus	Bamboo mosaic virus satellite RNA	1	NA	RNA	NA
Virus	Banana bract mosaic virus	12	4	RNA	1
Virus	Banana bunchy top virus	5	2	DNA	NA
Virus	Banana mild mosaic virus	5	4	RNA	1
Virus	Banana streak CA virus	3	7	DNA	2
Virus	Banana streak GF virus	3	7	DNA	2
Virus	Banana streak IM virus	3	7	DNA	2
Virus	Banana streak Mysore virus	3	7	DNA	2
Virus	Banana streak OL virus	3	7	DNA	2
Virus	Banana streak UA virus	3	7	DNA	2
Virus	Banana streak UI virus	3	7	DNA	2
Virus	Banana streak UL virus	3	7	DNA	2
Virus	Banana streak UM virus	3	7	DNA	2
Virus	Banana streak virus	3	7	DNA	2
Virus	Banana streak virus strain Acuminata Vietnam	3	7	DNA	2
Virus	Bandicoot papillomatosis carcinomatosis virus type 1	3	1	DNA	3
Virus	Bandicoot papillomatosis carcinomatosis virus type 2	3	1	DNA	3
Virus	Banna virus	12	3	RNA	NA
Virus	Barbel circovirus	2	2	DNA	3
Virus	Barfin flounder nervous necrosis virus	3	4	RNA	1
Virus	Barfin flounder virus BF93Hok	3	4	RNA	1
Virus	Barley dwarf virus	4	2	DNA	3
Virus	Barley mild mosaic virus	13	4	RNA	1
Virus	Barley stripe mosaic virus	7	4	RNA	1
Virus	Barley yellow dwarf virus - MAV	6	4	RNA	1
Virus	Barley yellow dwarf virus-GAV	6	4	RNA	1
Virus	Barley yellow dwarf virus-PAS	6	4	RNA	1
Virus	Barley yellow dwarf virus-PAV	7	4	RNA	1
Virus	Barley yellow mosaic virus	13	4	RNA	1
Virus	Barmah Forest virus	13	4	RNA	1
Virus	Basella rugose mosaic virus	12	4	RNA	1
Virus	Bat adeno-associated virus YNM	2	2	DNA	3
Virus	Bat adenovirus 2	30	1	DNA	NA
Virus	Bat adenovirus TJM	30	1	DNA	NA
Virus	Bat coronavirus (BtCoV/133/2005)	8	4	RNA	NA
Virus	Bat coronavirus 1A	7	4	RNA	NA
Virus	Bat coronavirus 1B	7	4	RNA	NA
Virus	Bat coronavirus BM48-31/BGR/2008	9	4	RNA	NA
Virus	Bat coronavirus HKU2	8	4	RNA	NA
Virus	Bat coronavirus HKU4	9	4	RNA	NA
Virus	Bat coronavirus HKU5	9	4	RNA	NA

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Bat coronavirus HKU8	8	4	RNA	NA
Virus	Bat coronavirus HKU9	8	4	RNA	NA
Virus	Bat hepevirus	3	4	RNA	1
Virus	Bat picornavirus 1	15	4	RNA	1
Virus	Bat picornavirus 2	15	4	RNA	1
Virus	Bat picornavirus 3	13	4	RNA	1
Virus	Bat sapovirus TLC58/HK	2	4	RNA	1
Virus	Bathycoccus sp. RCC1105 virus BpV1	203	1	DNA	5
Virus	Bdellovibrio phage phi1402	42	1	DNA	4
Virus	Bdellovibrio phage phiMH2K	11	2	DNA	NA
Virus	Beak and feather disease virus	3	2	DNA	3
Virus	Bean calico mosaic virus	7	2	DNA	3
Virus	Bean common mosaic necrosis virus	12	4	RNA	1
Virus	Bean common mosaic virus	12	4	RNA	1
Virus	Bean dwarf mosaic virus	6	2	DNA	3
Virus	Bean golden mosaic virus	6	2	DNA	3
Virus	Bean golden yellow mosaic virus	8	2	DNA	3
Virus	Bean leafroll virus	5	4	RNA	1
Virus	Bean necrotic mosaic virus	5	5	RNA	NA
Virus	Bean pod mottle virus	11	4	RNA	1
Virus	Bean yellow disorder virus	15	4	RNA	1
Virus	Bean yellow dwarf virus	4	2	DNA	3
Virus	Bean yellow mosaic Mexico virus	4	2	DNA	3
Virus	Bean yellow mosaic virus	12	4	RNA	1
Virus	Bear Canyon virus	4	5	RNA	NA
Virus	Bebaru virus	2	4	RNA	1
Virus	Beet black scorch virus	6	4	RNA	1
Virus	Beet chlorosis virus	5	4	RNA	1
Virus	Beet cryptic virus 1	2	3	RNA	1
Virus	Beet curly top Iran virus	5	2	DNA	3
Virus	Beet curly top virus	6	2	DNA	3
Virus	Beet mild curly top virus	7	2	DNA	3
Virus	Beet mild yellowing virus	6	4	RNA	1
Virus	Beet mosaic virus	12	4	RNA	1
Virus	Beet necrotic yellow vein virus	12	4	RNA	1
Virus	Beet pseudo-yellow virus	12	4	RNA	1
Virus	Beet ringspot virus	9	4	RNA	1
Virus	Beet severe curly top virus	8	2	DNA	3
Virus	Beet soil-borne mosaic virus	10	4	RNA	1
Virus	Beet soil-borne virus	7	4	RNA	1
Virus	Beet virus Q	9	4	RNA	1
Virus	Beet western yellows ST9 associated virus	4	4	RNA	NA
Virus	Beet western yellows virus	6	4	RNA	1
Virus	Beet yellows virus	10	4	RNA	1
Virus	Beilong virus	11	5	RNA	NA
Virus	Bell pepper endornavirus	1	3	RNA	NA
Virus	Bell pepper mottle virus	5	4	RNA	1
Virus	Beluga Whale coronavirus SW1	14	4	RNA	NA
Virus	Bettongia penicillata papillomavirus 1	7	1	DNA	3
Virus	Bhendi yellow vein Bhubhaneswar virus	7	2	DNA	3
Virus	Bhendi yellow vein mosaic virus	7	2	DNA	3
Virus	Bhendi yellow vein mosaic virus satellite DNA beta	1	NA	NA	NA
Virus	Bhendi yellow vein mosaic virus-associated alphasatellite	1	NA	NA	NA
Virus	Bidens mottle virus	12	4	RNA	1
Virus	Bitter gourd leaf curl betasatellite	1	2	DNA	NA
Virus	BK polyomavirus	6	1	DNA	3
Virus	Black beetle virus	5	4	RNA	1
Virus	Black queen cell virus	2	4	RNA	1
Virus	Black raspberry necrosis virus	10	4	RNA	1
Virus	Black raspberry virus F	2	3	RNA	NA
Virus	Blackberry chlorotic ringspot virus	5	4	RNA	1
Virus	Blackberry virus E	5	4	RNA	1
Virus	Blackberry virus Y	12	4	RNA	1
Virus	Blackberry yellow vein-associated virus	13	4	RNA	1
Virus	Blackcurrant reversion virus	9	4	RNA	1
Virus	Blackcurrant reversion virus satellite RNA	1	NA	RNA	NA
Virus	Blainvillea yellow spot virus	7	2	DNA	3
Virus	Blattella germanica densovirus	5	2	DNA	3
Virus	Blechnum interveinal chlorosis virus	7	2	DNA	3
Virus	Blotched snakehead virus	11	3	RNA	NA
Virus	Blue squill virus A	11	4	RNA	1
Virus	Blueberry latent virus	2	3	RNA	NA
Virus	Blueberry necrotic ring blotch virus	7	4	RNA	NA
Virus	Blueberry red ringspot virus	8	7	DNA	2
Virus	Blueberry scorch virus	6	4	RNA	1
Virus	Blueberry virus A	11	4	RNA	1
Virus	Bluegill picornavirus	12	4	RNA	1
Virus	Bluetongue virus	11	3	RNA	NA
Virus	Bocavirus gorilla/GBoV1/2009	4	2	DNA	3
Virus	Bombyx mandarina nucleopolyhedrovirus	141	1	DNA	NA

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Bombyx mori densovirus 5	6	2	DNA	3
Virus	Bombyx mori Macula-like virus	3	4	RNA	NA
Virus	Bombyx mori NPV	143	1	DNA	NA
Virus	Boolarra virus	3	4	RNA	1
Virus	Border disease virus	14	4	RNA	1
Virus	Bordetella phage BIP-1	48	1	DNA	4
Virus	Bordetella phage BMP-1	47	1	DNA	4
Virus	Bordetella phage BPP-1	49	1	DNA	4
Virus	Borna disease virus	6	5	RNA	NA
Virus	Botryotinia fuckeliana partitivirus 1	3	3	RNA	1
Virus	Botryotinia fuckeliana totivirus 1	2	3	RNA	NA
Virus	Botrytis cinerea debilitation-related virus	1	4	RNA	1
Virus	Botrytis porri RNA virus 1	2	3	RNA	NA
Virus	Botrytis virus F	2	4	RNA	1
Virus	Botrytis virus X	5	4	RNA	1
Virus	Bougainvillea spectabilis chlorotic vein-banding virus	4	7	DNA	2
Virus	Bovine adeno-associated virus	2	2	DNA	3
Virus	Bovine adenovirus A	29	1	DNA	NA
Virus	Bovine adenovirus B	52	1	DNA	NA
Virus	Bovine adenovirus D	36	1	DNA	NA
Virus	Bovine coronavirus	27	4	RNA	NA
Virus	Bovine enterovirus	12	4	RNA	1
Virus	Bovine ephemeral fever virus	12	5	RNA	NA
Virus	Bovine foamy virus	5	6	RNA	2
Virus	Bovine herpesvirus 1	70	1	DNA	NA
Virus	Bovine herpesvirus 4	79	1	DNA	NA
Virus	Bovine herpesvirus 5	70	1	DNA	NA
Virus	Bovine hungarovirus	13	4	RNA	1
Virus	Bovine immunodeficiency virus	5	6	RNA	2
Virus	Bovine kobuvirus	12	4	RNA	1
Virus	Bovine leukemia virus	14	6	RNA	2
Virus	Bovine papillomavirus - 1	8	1	DNA	3
Virus	Bovine papillomavirus - 5	6	1	DNA	3
Virus	Bovine papillomavirus 7	7	1	DNA	3
Virus	Bovine papillomavirus 8	8	1	DNA	3
Virus	Bovine papular stomatitis virus	131	1	DNA	5
Virus	Bovine parainfluenza virus 3	6	5	RNA	NA
Virus	Bovine parvovirus	4	2	DNA	3
Virus	Bovine parvovirus - 2	2	2	DNA	3
Virus	Bovine polyomavirus	6	1	DNA	3
Virus	Bovine respiratory coronavirus AH187	12	4	RNA	NA
Virus	Bovine respiratory coronavirus bovine/US/OH-440-TC/1996	11	4	RNA	NA
Virus	Bovine respiratory syncytial virus	11	5	RNA	NA
Virus	Bovine rhinitis B virus	13	4	RNA	1
Virus	Bovine viral diarrhea virus 1	14	4	RNA	1
Virus	Bovine viral diarrhea virus 2	14	4	RNA	1
Virus	Bovine viral diarrhea virus 3 Th/04_KhonKaen	1	4	RNA	1
Virus	Brassica yellows virus	6	4	RNA	1
Virus	Breda virus	6	4	RNA	NA
Virus	Brevicoryne brassicae picorna-like virus	1	4	RNA	1
Virus	Broad bean mottle virus	4	4	RNA	1
Virus	Broad bean necrosis virus	8	4	RNA	1
Virus	Broad bean wilt virus 1	10	4	RNA	1
Virus	Broad bean wilt virus 2	10	4	RNA	1
Virus	Brochothrix phage A9	199	1	DNA	4
Virus	Brochothrix phage BL3	67	1	DNA	4
Virus	Brochothrix phage NF5	58	1	DNA	4
Virus	Brome mosaic virus	4	4	RNA	1
Virus	Brome streak mosaic virus	12	4	RNA	1
Virus	Bromus catharticus striate mosaic virus	4	2	DNA	3
Virus	Broome virus	11	3	RNA	NA
Virus	Brugmansia mild mottle virus	4	4	RNA	1
Virus	Brugmansia suaveolens mottle virus	12	4	RNA	1
Virus	Budgerigar fledgling disease virus - 1	9	1	DNA	NA
Virus	Bundibugyo ebolavirus	9	5	RNA	NA
Virus	Bunyamwera virus	4	5	RNA	NA
Virus	Burkholderia phage AH2	78	1	DNA	4
Virus	Burkholderia phage Bcep1	71	1	DNA	4
Virus	Burkholderia phage Bcep176	81	1	DNA	4
Virus	Burkholderia phage Bcep22	81	1	DNA	4
Virus	Burkholderia phage Bcep43	65	1	DNA	4
Virus	Burkholderia phage Bcep781	66	1	DNA	4
Virus	Burkholderia phage BcepB1A	73	1	DNA	4
Virus	Burkholderia phage BcepC6B	46	1	DNA	4
Virus	Burkholderia phage BcepF1	127	1	DNA	4
Virus	Burkholderia phage BcepGomr	75	1	DNA	4
Virus	Burkholderia phage BcepIL02	76	1	DNA	4
Virus	Burkholderia phage BcepMu	53	1	DNA	4
Virus	Burkholderia phage BcepNazgul	73	1	DNA	4
Virus	Burkholderia phage BcepNY3	70	1	DNA	4

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Burkholderia phage DC1	73	1	DNA	4
Virus	Burkholderia phage KL1	55	1	DNA	4
Virus	Burkholderia phage KL3	52	1	DNA	4
Virus	Burkholderia phage KS10	49	1	DNA	4
Virus	Burkholderia phage KS14	44	1	DNA	4
Virus	Burkholderia phage KS5	46	1	DNA	4
Virus	Burkholderia phage KS9	50	1	DNA	4
Virus	Burkholderia phage phi1026b	83	1	DNA	4
Virus	Burkholderia phage phi52237	47	1	DNA	4
Virus	Burkholderia phage phi644-2	71	1	DNA	4
Virus	Burkholderia phage phiE12-2	50	1	DNA	4
Virus	Burkholderia phage phiE125	71	1	DNA	4
Virus	Burkholderia phage phiE202	48	1	DNA	4
Virus	Burkholderia phage phiE255	55	1	DNA	4
Virus	Butterbur mosaic virus	6	4	RNA	1
Virus	Cabbage leaf curl virus	7	2	DNA	3
Virus	Cacao swollen shoot virus	5	7	DNA	2
Virus	Cactus mild mottle virus	4	4	RNA	1
Virus	Cactus virus X	7	4	RNA	1
Virus	Cafeteria roenbergensis virus BV-PW1	552	1	DNA	5
Virus	Caladenia virus A	11	4	RNA	1
Virus	Calicivirus isolate TCG	2	4	RNA	1
Virus	Calicivirus pig/AB90/CAN	2	4	RNA	1
Virus	Calicivirus strain NB	2	4	RNA	1
Virus	California sea lion anellovirus	3	2	DNA	NA
Virus	California sea lion polyomavirus 1	6	1	DNA	3
Virus	Callitrichine herpesvirus 3	72	1	DNA	NA
Virus	Camelpox virus	211	1	DNA	5
Virus	Camelus dromedarius papillomavirus type 1	7	1	DNA	3
Virus	Camelus dromedarius papillomavirus type 2	7	1	DNA	3
Virus	Campoletis sonorensis ichnovirus	5	1	DNA	NA
Virus	Campylobacter phage CP30A	162	NA	NA	NA
Virus	Campylobacter phage CPX	149	1	DNA	4
Virus	Campylobacter phage NCTC12673	166	1	DNA	4
Virus	Canary circovirus	2	2	DNA	3
Virus	Canary polyomavirus	5	1	DNA	3
Virus	Canarypox virus	328	1	DNA	5
Virus	Candiru virus	4	5	RNA	NA
Virus	Canine adenovirus 1	31	1	DNA	NA
Virus	Canine adenovirus 2	31	1	DNA	NA
Virus	Canine adenovirus A	30	1	DNA	NA
Virus	Canine calicivirus	12	4	RNA	1
Virus	Canine distemper virus	7	5	RNA	NA
Virus	Canine minute virus	4	2	DNA	3
Virus	Canine papillomavirus 10	7	1	DNA	3
Virus	Canine papillomavirus 11	8	1	DNA	3
Virus	Canine papillomavirus 3	6	1	DNA	3
Virus	Canine papillomavirus 4	6	1	DNA	3
Virus	Canine papillomavirus 5	7	1	DNA	3
Virus	Canine papillomavirus 8	7	1	DNA	3
Virus	Canine papillomavirus 9	7	1	DNA	3
Virus	Canine parvovirus	5	2	DNA	3
Virus	Canine picornavirus	13	4	RNA	1
Virus	Canis familiaris papillomavirus 2	8	1	DNA	3
Virus	Canna Yellow Streak Virus	12	4	RNA	1
Virus	Capra hircus papillomavirus 1	7	1	DNA	3
Virus	Capreolus capreolus papillomavirus 1	8	1	DNA	3
Virus	Caprine arthritis-encephalitis virus	6	6	RNA	2
Virus	Capsicum chlorosis virus	5	5	RNA	NA
Virus	Cardamine chlorotic fleck virus	4	4	RNA	1
Virus	Cardiospermum yellow leaf curl betasatellite	1	2	DNA	3
Virus	Caretta caretta papillomavirus 1	7	1	DNA	3
Virus	Carnation etched ring virus	6	7	DNA	2
Virus	Carnation Italian ringspot virus	5	4	RNA	1
Virus	Carnation mottle virus	6	4	RNA	1
Virus	Carnation ringspot virus	4	4	RNA	1
Virus	Carrot mottle mimic virus	4	4	RNA	1
Virus	Carrot mottle virus	3	4	RNA	1
Virus	Carrot red leaf luteovirus associated RNA	3	4	RNA	NA
Virus	Carrot red leaf virus	6	4	RNA	1
Virus	Carrot yellow leaf virus	10	4	RNA	1
Virus	CAS virus	4	5	RNA	NA
Virus	Casphalia extranea densovirus	3	2	DNA	3
Virus	Cassava brown streak virus	12	4	RNA	1
Virus	Cassava common mosaic virus	5	4	RNA	1
Virus	Cassava mosaic Madagascar alphasatellite	1	NA	NA	NA
Virus	Cassava mosaic Madagascar virus	8	2	DNA	3
Virus	Cassava vein mosaic virus	5	7	DNA	2
Virus	Cassava virus C	3	4	RNA	1
Virus	Cassia yellow blotch virus	4	4	RNA	1

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Cauliflower mosaic virus	7	7	DNA	2
Virus	Caulobacter phage CcrColossus	452	1	DNA	4
Virus	Caulobacter phage CcrKarma	357	1	DNA	4
Virus	Caulobacter phage CcrMagneto	351	1	DNA	4
Virus	Caulobacter phage CcrRogue	354	1	DNA	4
Virus	Caulobacter phage CcrSwift	347	1	DNA	4
Virus	Caulobacter phage phiCbK	342	1	DNA	4
Virus	Cavally virus	7	4	RNA	1
Virus	Caviid herpesvirus 2	106	1	DNA	NA
Virus	Celeribacter phage P12053L	56	1	DNA	NA
Virus	Celery mosaic virus	12	4	RNA	1
Virus	Cell fusing agent virus	14	4	RNA	1
Virus	Centrosema yellow spot virus	5	2	DNA	3
Virus	Ceratocystis polonica partitivirus	2	3	RNA	1
Virus	Ceratocystis resinifera partitivirus	2	3	RNA	1
Virus	Cercopithecine herpesvirus 2	75	1	DNA	NA
Virus	Cercopithecine herpesvirus 5	183	1	DNA	NA
Virus	Cercopithecine herpesvirus 9	74	1	DNA	NA
Virus	Cereal yellow dwarf virus - RPV	6	4	RNA	1
Virus	Cereal yellow dwarf virus-RPS	6	4	RNA	1
Virus	Cestrum yellow leaf curling virus	7	7	DNA	2
Virus	Chaetoceros lorenzianus DNA Virus	3	NA	DNA	NA
Virus	Chaetoceros salsugineum DNA virus	6	NA	DNA	NA
Virus	Chaetoceros socialis f. radians RNA virus 01	2	4	RNA	1
Virus	Chaetoceros tenuissimus DNA virus	3	NA	DNA	NA
Virus	Chalara elegans RNA Virus 1	2	3	RNA	NA
Virus	Chaoyang virus	1	4	RNA	1
Virus	Chapare virus	4	5	RNA	NA
Virus	Chayote mosaic virus	3	4	RNA	1
Virus	Chayote yellow mosaic virus	5	2	DNA	3
Virus	Chelonia mydas papillomavirus 1	7	1	DNA	3
Virus	Cherry green ring mottle virus	3	4	RNA	1
Virus	Cherry leaf roll virus	2	4	RNA	1
Virus	Cherry mottle leaf virus	4	4	RNA	1
Virus	Cherry necrotic rusty mottle virus	7	4	RNA	1
Virus	Cherry rasp leaf virus	11	4	RNA	1
Virus	Cherry virus A	2	4	RNA	1
Virus	Chicken anemia virus	4	2	DNA	3
Virus	Chicken astrovirus	2	4	RNA	1
Virus	Chickpea chlorosis virus-A	4	2	DNA	3
Virus	Chickpea chlorotic dwarf Sudan virus	4	2	DNA	3
Virus	Chickpea chlorotic dwarf virus	4	2	DNA	3
Virus	Chickpea chlorotic stunt virus	6	4	RNA	1
Virus	Chickpea redleaf virus	4	2	DNA	3
Virus	Chicory yellow mottle virus large satellite RNA	1	NA	RNA	NA
Virus	Chicory yellow mottle virus satellite RNA	1	NA	RNA	NA
Virus	Chicory yellow mottle virus satellite RNA L1	1	NA	NA	NA
Virus	Chikungunya virus	4	4	RNA	1
Virus	Chilli leaf curl Multan alphasatellite	1	2	DNA	NA
Virus	Chilli leaf curl virus	6	2	DNA	3
Virus	Chilli leaf curl virus satellite DNA beta	1	2	DNA	3
Virus	Chilli ringspot virus	12	4	RNA	1
Virus	Chilli veinal mottle virus	12	4	RNA	1
Virus	Chiltepin yellow mosaic virus	3	4	RNA	1
Virus	Chimpanzee adenovirus Y25	31	1	DNA	NA
Virus	Chimpanzee polyomavirus	5	1	DNA	3
Virus	Chinese wheat mosaic virus	7	4	RNA	1
Virus	Chinese yam necrotic mosaic virus	10	4	RNA	1
Virus	Chino del tomate virus	7	2	DNA	3
Virus	Chlamydia phage 3	8	2	DNA	NA
Virus	Chlamydia phage 4	8	2	DNA	NA
Virus	Chlamydia phage Chp1	12	2	DNA	NA
Virus	Chlamydia phage Chp2	8	2	DNA	NA
Virus	Chlamydia phage CPAR39	7	2	DNA	NA
Virus	Chlamydia phage phiCPG1	9	2	DNA	NA
Virus	Chloris striate mosaic virus	5	2	DNA	3
Virus	Chocolate lily virus A	9	4	RNA	1
Virus	Choristoneura fumiferana DEF MNPV	149	1	DNA	NA
Virus	Choristoneura fumiferana MNPV	146	1	DNA	NA
Virus	Choristoneura occidentalis granulovirus	116	1	DNA	NA
Virus	Chronic bee paralysis virus	7	4	RNA	NA
Virus	Chrysanthemum virus B	6	4	RNA	1
Virus	Chrysodeixis chalcites nucleopolyhedrovirus	151	1	DNA	NA
Virus	Circovirus-like genome BBC-A	2	2	DNA	NA
Virus	Circovirus-like genome CB-A	2	2	DNA	NA
Virus	Circovirus-like genome CB-B	3	2	DNA	NA
Virus	Circovirus-like genome RW-A	3	2	DNA	NA
Virus	Circovirus-like genome RW-B	2	2	DNA	NA
Virus	Circovirus-like genome RW-C	2	2	DNA	NA
Virus	Circovirus-like genome RW-D	2	2	DNA	NA

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Circovirus-like genome RW-E	2	2	DNA	NA
Virus	Circovirus-like genome SAR-A	2	2	DNA	NA
Virus	Circovirus-like genome SAR-B	2	2	DNA	NA
Virus	Circulifer tenellus virus 1	2	3	RNA	NA
Virus	Citrus chlorotic dwarf associated virus	5	2	DNA	3
Virus	Citrus leaf blotch virus	3	4	RNA	1
Virus	Citrus leaf rugose virus	5	4	RNA	1
Virus	Citrus leprosis virus C	10	4	RNA	1
Virus	Citrus psorosis virus	4	5	RNA	NA
Virus	Citrus sudden death-associated virus	6	4	RNA	1
Virus	Citrus tristeza virus	14	4	RNA	1
Virus	Citrus variegation virus	5	4	RNA	1
Virus	Citrus yellow mosaic virus	6	7	DNA	2
Virus	Clanis bilineata nucleopolyhedrosis virus	129	1	DNA	NA
Virus	Classical swine fever virus	14	4	RNA	1
Virus	Clavibacter phage CMP1	74	1	DNA	4
Virus	Cleome golden mosaic virus	3	2	DNA	3
Virus	Cleome leaf crumple virus	7	2	DNA	3
Virus	Cleome leaf crumple virus associated DNA 1	1	NA	NA	NA
Virus	Clerodendron yellow mosaic virus	6	2	DNA	3
Virus	Clerodendrum golden mosaic China virus	8	2	DNA	3
Virus	Clerodendrum golden mosaic virus	8	2	DNA	3
Virus	Clitocybe odora virus	1	4	RNA	1
Virus	Clitoria yellow mottle virus	4	4	RNA	1
Virus	Clostera anachoreta granulovirus	123	1	DNA	NA
Virus	Clostridium phage c-st	198	1	DNA	4
Virus	Clostridium phage D-1873	145	NA	DNA	NA
Virus	Clostridium phage phi3626	51	1	DNA	4
Virus	Clostridium phage phiC2	82	1	DNA	4
Virus	Clostridium phage phiCD119	79	1	DNA	4
Virus	Clostridium phage phiCD27	75	1	DNA	4
Virus	Clostridium phage phiCD38-2	55	1	DNA	4
Virus	Clostridium phage phiCD6356	59	1	DNA	4
Virus	Clostridium phage phiCP39-O	62	1	DNA	4
Virus	Clostridium phage phiCP7R	26	1	DNA	4
Virus	Clostridium phage phiCPV4	28	1	DNA	4
Virus	Clostridium phage phiCTP1	86	1	DNA	4
Virus	Clostridium phage phiMMP02	76	1	DNA	4
Virus	Clostridium phage phiMMP04	51	1	DNA	4
Virus	Clostridium phage PhiS63	43	1	DNA	4
Virus	Clostridium phage phiSM101	53	1	DNA	NA
Virus	Clostridium phage phiZP2	27	1	DNA	4
Virus	Clover yellow mosaic virus	5	4	RNA	1
Virus	Clover yellow vein virus	12	4	RNA	1
Virus	Cocksfoot mild mosaic virus	6	4	RNA	1
Virus	Cocksfoot mottle virus	7	4	RNA	1
Virus	Cocksfoot streak virus	12	4	RNA	1
Virus	Coconut foliar decay virus	6	2	DNA	NA
Virus	Coleus vein necrosis virus	6	4	RNA	1
Virus	Colobus guereza papillomavirus type 2	6	1	DNA	3
Virus	Colorado tick fever virus	13	3	RNA	NA
Virus	Columbid circovirus	5	2	DNA	3
Virus	Colwellia phage 9A	149	1	DNA	4
Virus	Commelina yellow mottle virus	3	7	DNA	2
Virus	Common chimpanzee papillomavirus 1	8	1	DNA	3
Virus	Common-moorhen coronavirus HKU21	9	4	RNA	NA
Virus	Coniothyrium minitans RNA virus	2	3	RNA	NA
Virus	Corchorus golden mosaic virus	7	2	DNA	3
Virus	Corchorus yellow spot virus	6	2	DNA	3
Virus	Corynebacterium phage BFK20	56	1	DNA	4
Virus	Corynebacterium phage P1201	97	1	DNA	4
Virus	Cotesia congregata bracovirus	155	1	DNA	NA
Virus	Cotia virus SPAn232	185	1	DNA	5
Virus	Cotton leaf crumple virus	6	2	DNA	3
Virus	Cotton leaf curl Alabad virus	6	2	DNA	3
Virus	Cotton leaf curl Bangalore betasatellite	1	2	DNA	NA
Virus	Cotton leaf curl Bangalore virus	6	2	DNA	3
Virus	Cotton leaf curl betasatellite	1	2	DNA	NA
Virus	Cotton leaf curl Burewala alphasatellite	1	2	DNA	NA
Virus	Cotton leaf curl Burewala betasatellite	1	2	DNA	NA
Virus	Cotton leaf curl Burewala virus	5	2	DNA	3
Virus	Cotton leaf curl Gezira alphasatellite	1	2	DNA	NA
Virus	Cotton leaf curl Gezira beta	1	2	DNA	NA
Virus	Cotton leaf curl Gezira betasatellite	2	2	DNA	3
Virus	Cotton leaf curl Gezira virus	6	2	DNA	3
Virus	Cotton leaf curl Kokhran virus	6	2	DNA	3
Virus	Cotton leaf curl Multan alphasatellite	1	NA	NA	NA
Virus	Cotton leaf curl Multan betasatellite	1	2	DNA	3
Virus	Cotton leaf curl Multan virus	6	2	DNA	3
Virus	Cotton leaf curl Rajasthan virus	6	2	DNA	3

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Cotton leaf curl virus	7	2	DNA	3
Virus	Cotton leaf curl virus associated DNA 1 isolate Lucknow	1	NA	NA	NA
Virus	Cotton leaf curl virus betasatellite	1	NA	NA	NA
Virus	Cotton leafroll dwarf virus	6	4	RNA	1
Virus	Courdo7	1337	1	DNA	5
Virus	Cowpea aphid-borne mosaic virus	12	4	RNA	1
Virus	Cowpea chlorotic mottle virus	4	4	RNA	1
Virus	Cowpea mild mottle virus	6	4	RNA	1
Virus	Cowpea mosaic virus	12	4	RNA	1
Virus	Cowpea mottle virus	6	4	RNA	1
Virus	Cowpea severe leaf curl-associated DNA beta	1	2	DNA	3
Virus	Cowpea severe mosaic virus	10	4	RNA	1
Virus	Cowpox virus	233	1	DNA	5
Virus	Crassocephalum yellow vein virus - Jinghong	6	2	DNA	3
Virus	Cricket paralysis virus	2	4	RNA	1
Virus	Crimean-Congo hemorrhagic fever virus	3	5	RNA	NA
Virus	Croceibacter phage P2559S	68	1	DNA	NA
Virus	Crocodilepox virus	173	1	DNA	5
Virus	Crocota crocuta papillomavirus 1	7	1	DNA	3
Virus	Cronobacter phage CR3	265	1	DNA	4
Virus	Cronobacter phage phiES15	52	1	DNA	4
Virus	Cronobacter phage vB_CsaM_GAP161	275	1	DNA	4
Virus	Cronobacter phage vB_CsaM_GAP31	269	1	DNA	4
Virus	Cronobacter phage vB_CsaM_GAP32	545	1	DNA	4
Virus	Cronobacter phage vB_CsaP_GAP52	115	1	DNA	4
Virus	Croton yellow vein mosaic alphasatellite	1	2	DNA	NA
Virus	Croton yellow vein mosaic betasatellite	1	2	DNA	3
Virus	Croton yellow vein mosaic virus	7	2	DNA	3
Virus	Croton yellow vein virus	6	2	DNA	3
Virus	Crow polyomavirus	6	1	DNA	3
Virus	Cryphonectria hypovirus 1	2	3	RNA	NA
Virus	Cryphonectria hypovirus 2	2	3	RNA	NA
Virus	Cryphonectria hypovirus 3	1	3	RNA	NA
Virus	Cryphonectria hypovirus 4	1	3	RNA	NA
Virus	Cryphonectria parasitica mitovirus 1-NB631	1	4	RNA	1
Virus	Cryptophlebia leucotreta granulovirus	128	1	DNA	NA
Virus	Cucumber Bulgarian latent virus	5	4	RNA	1
Virus	Cucumber fruit mottle mosaic virus	3	4	RNA	1
Virus	Cucumber green mottle mosaic virus	4	4	RNA	1
Virus	Cucumber leaf spot virus	4	4	RNA	1
Virus	Cucumber mosaic virus	5	4	RNA	1
Virus	Cucumber mottle virus	4	4	RNA	1
Virus	Cucumber necrosis virus	5	4	RNA	1
Virus	Cucumber vein yellowing virus	11	4	RNA	1
Virus	Cucurbit aphid-borne yellows virus	6	4	RNA	1
Virus	Cucurbit chlorotic yellows virus	13	4	RNA	1
Virus	Cucurbit leaf crumple virus	6	2	DNA	3
Virus	Cucurbit yellow stunting disorder virus	14	4	RNA	1
Virus	Culex flavivirus	14	4	RNA	1
Virus	Culex nigripalpus NPV	109	1	DNA	NA
Virus	Culex originated Tymoviridae-like virus	2	4	RNA	1
Virus	Culex pipiens densovirus	4	2	DNA	3
Virus	Cupixi virus	4	5	RNA	NA
Virus	Curvularia thermal tolerance virus	4	3	RNA	NA
Virus	Cutthroat trout virus	7	4	RNA	1
Virus	Cyanophage 9515-10a	55	1	DNA	4
Virus	Cyanophage NATL1A-7	65	1	DNA	4
Virus	Cyanophage NATL2A-133	62	1	DNA	4
Virus	Cyanophage P-SSP2	56	1	DNA	NA
Virus	Cyanophage Pf-WMP4	45	1	DNA	4
Virus	Cyanophage PSS2	131	1	DNA	4
Virus	Cyanophage Syn5	61	1	DNA	4
Virus	Cycad leaf necrosis virus	3	7	DNA	2
Virus	Cycas necrotic stunt virus	9	4	RNA	1
Virus	Cyclovirus bat/USA/2009	2	2	DNA	NA
Virus	Cyclovirus NGchicken15/NGA/2009	2	2	DNA	3
Virus	Cyclovirus PKgoat11/PAK/2009	2	2	DNA	3
Virus	Cyclovirus PKgoat21/PAK/2009	2	2	DNA	3
Virus	Cydia pomonella granulovirus	143	1	DNA	NA
Virus	Cymbidium mosaic virus	5	4	RNA	1
Virus	Cymbidium ringspot virus	5	4	RNA	1
Virus	Cymbidium ringspot virus satellite RNA	1	NA	RNA	NA
Virus	Cynomolgus macaque cytomegalovirus strain Ottawa	274	1	DNA	NA
Virus	Cypovirus 1	10	3	RNA	NA
Virus	Cypovirus 14	11	3	RNA	NA
Virus	Cypovirus 5	6	3	RNA	NA
Virus	Cyprinid herpesvirus 3	163	1	DNA	NA
Virus	Dahlia mosaic virus	8	7	DNA	2
Virus	Dalechampia chlorotic mosaic virus	7	2	DNA	3
Virus	Daphne mosaic virus	12	4	RNA	1

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Daphne virus S	6	4	RNA	1
Virus	Dasheen mosaic virus	12	4	RNA	1
Virus	Datura leaf distortion virus	7	2	DNA	3
Virus	Deerpox virus W-1170-84	170	1	DNA	5
Virus	Deerpox virus W-848-83	169	1	DNA	5
Virus	Deformed wing virus	1	4	RNA	1
Virus	Deftia phage phiW-14	236	1	DNA	4
Virus	Deltapapillomavirus 1	15	1	DNA	3
Virus	Deltapapillomavirus 2	9	1	DNA	3
Virus	Dendrolimus punctatus densovirus	3	2	DNA	3
Virus	Dendrolimus punctatus tetravirus	3	4	RNA	1
Virus	Dengue virus 1	14	4	RNA	1
Virus	Dengue virus 2	14	4	RNA	1
Virus	Dengue virus 3	14	4	RNA	1
Virus	Dengue virus 4	14	4	RNA	1
Virus	Desmodium leaf distortion virus	6	2	DNA	3
Virus	Diaporthe ambigua RNA virus 1	2	4	RNA	NA
Virus	Diascia yellow mottle virus	3	4	RNA	1
Virus	Diatraea saccharalis densovirus	7	2	DNA	3
Virus	Dicliptera yellow mottle virus	6	2	DNA	3
Virus	Digitaria ciliaris striate mosaic virus	4	2	DNA	3
Virus	Digitaria didactyla striate mosaic virus	4	2	DNA	3
Virus	Digitaria streak virus	4	2	DNA	3
Virus	Dioscorea bacilliform virus	3	7	DNA	2
Virus	Diplodia scrobiculata RNA virus 1	2	3	RNA	NA
Virus	Discula destructiva virus 1	2	3	RNA	1
Virus	Discula destructiva virus 2	2	3	RNA	1
Virus	Diuris virus A	7	4	RNA	1
Virus	Diuris virus B	7	4	RNA	NA
Virus	Dobrava-Belgrade virus	3	5	RNA	NA
Virus	Dolichos yellow mosaic virus	6	2	DNA	3
Virus	Dolphin morbillivirus	7	5	RNA	NA
Virus	Donggang virus	1	4	RNA	1
Virus	Dracaena mottle virus	7	7	DNA	2
Virus	Dragonfly-associated microphage 1	5	2	DNA	NA
Virus	Drosophila A virus	2	3	RNA	NA
Virus	Drosophila C virus	2	4	RNA	1
Virus	Drosophila melanogaster sigma virus AP30	6	5	RNA	NA
Virus	Drosophila melanogaster totivirus SW-2009a	2	3	RNA	NA
Virus	Drosophila x virus	2	3	RNA	NA
Virus	Duck adenovirus A	60	1	DNA	NA
Virus	Duck astrovirus C-NGB	3	4	RNA	1
Virus	Duck circovirus	4	2	DNA	3
Virus	Duck egg-drop syndrome virus	1	4	RNA	1
Virus	Duck flavivirus TA	1	4	RNA	1
Virus	Duck hepatitis A virus 1	1	4	RNA	1
Virus	Duck hepatitis A virus 3	1	4	RNA	1
Virus	Duck hepatitis B virus	7	7	DNA	2
Virus	Dugbe virus	4	5	RNA	NA
Virus	Dulcamara mottle virus	3	4	RNA	1
Virus	East African cassava mosaic Cameroon virus	8	2	DNA	3
Virus	East African cassava mosaic Kenya virus	8	2	DNA	3
Virus	East African cassava mosaic virus	9	2	DNA	3
Virus	East African cassava mosaic Zanzibar virus	8	2	DNA	3
Virus	East Asian Passiflora virus	12	4	RNA	1
Virus	Eastern equine encephalitis virus	19	4	RNA	1
Virus	Ebola virus - Mayinga	Zaire	1976		RNA
Virus	Ectocarpus siliculosus virus 1	240	1	DNA	5
Virus	Ectromelia virus	173	1	DNA	5
Virus	Ectropis obliqua NPV	126	1	DNA	NA
Virus	Ectropis obliqua picorna-like virus	1	4	RNA	1
Virus	Edwardsiella phage KF-1	48	1	DNA	4
Virus	Eggplant mosaic virus	3	4	RNA	1
Virus	Eidolon helvum parvovirus 1	4	2	DNA	3
Virus	Eimeria brunetti RNA virus 1	2	3	RNA	NA
Virus	Eliat virus	3	4	RNA	1
Virus	Elm mottle virus	5	4	RNA	1
Virus	Emilia yellow vein virus-associated DNA beta	1	2	DNA	NA
Virus	Emiliania huxleyi virus 86	597	1	DNA	5
Virus	Encephalomyocarditis virus	13	4	RNA	1
Virus	Entebbe bat virus	1	4	RNA	1
Virus	Enterobacter phage IME11	91	1	DNA	4
Virus	Enterobacteria phage 13a	55	1	DNA	4
Virus	Enterobacteria phage 285P	47	1	DNA	4
Virus	Enterobacteria phage 933W	80	1	DNA	4
Virus	Enterobacteria phage alpha3	10	2	DNA	NA
Virus	Enterobacteria phage BA14	52	1	DNA	4
Virus	Enterobacteria phage BZ13	4	4	RNA	1
Virus	Enterobacteria phage CC31	279	1	DNA	4
Virus	Enterobacteria phage EcoDS1	53	1	DNA	4

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Enterobacteria phage EPS7	170	1	DNA	4
Virus	Enterobacteria phage epsilon15	51	1	DNA	NA
Virus	Enterobacteria phage ES18	79	1	DNA	4
Virus	Enterobacteria phage FI sensu lato	4	4	RNA	1
Virus	Enterobacteria phage G4 sensu lato	11	2	DNA	NA
Virus	Enterobacteria phage HK022	57	1	DNA	4
Virus	Enterobacteria phage HK620	58	1	DNA	NA
Virus	Enterobacteria phage HK97	61	1	DNA	4
Virus	Enterobacteria phage HX01	62	1	DNA	4
Virus	Enterobacteria phage I2-2	9	2	DNA	NA
Virus	Enterobacteria phage ID18 sensu lato	11	2	DNA	NA
Virus	Enterobacteria phage ID2 Moscow/ID/2001	11	2	DNA	NA
Virus	Enterobacteria phage If1	10	2	DNA	NA
Virus	Enterobacteria phage Ike	12	2	DNA	NA
Virus	Enterobacteria phage IME08	253	1	DNA	4
Virus	Enterobacteria phage JK06	82	1	DNA	4
Virus	Enterobacteria phage JL1	56	1	DNA	4
Virus	Enterobacteria phage JS10	265	1	DNA	4
Virus	Enterobacteria phage JS98	266	1	DNA	4
Virus	Enterobacteria phage JSE	277	1	DNA	4
Virus	Enterobacteria phage K1-5	52	1	DNA	4
Virus	Enterobacteria phage K1E	62	1	DNA	4
Virus	Enterobacteria phage K1F	43	1	DNA	4
Virus	Enterobacteria phage K30	49	1	DNA	4
Virus	Enterobacteria phage lambda	74	1	DNA	4
Virus	Enterobacteria phage LKA1	56	1	DNA	4
Virus	Enterobacteria phage M13	10	2	DNA	NA
Virus	Enterobacteria phage Min27	83	1	DNA	4
Virus	Enterobacteria phage MS2	4	4	RNA	1
Virus	Enterobacteria phage Mu	55	1	DNA	4
Virus	Enterobacteria phage N15	60	1	DNA	4
Virus	Enterobacteria phage NJ01	109	1	DNA	4
Virus	Enterobacteria phage P1	110	1	DNA	4
Virus	Enterobacteria phage P2	43	1	DNA	4
Virus	Enterobacteria phage P22	72	1	DNA	4
Virus	Enterobacteria phage P4	14	1	DNA	4
Virus	Enterobacteria phage Phi1	276	1	DNA	4
Virus	Enterobacteria phage phiEco32	128	1	DNA	4
Virus	Enterobacteria phage phiEcoM-GJ1	75	1	DNA	4
Virus	Enterobacteria phage phiP27	58	1	DNA	4
Virus	Enterobacteria phage phiX174 sensu lato	11	2	DNA	NA
Virus	Enterobacteria phage PRD1	31	1	DNA	NA
Virus	Enterobacteria phage PsP3	42	1	DNA	4
Virus	Enterobacteria phage Qbeta	4	4	RNA	1
Virus	Enterobacteria phage RB14	274	1	DNA	4
Virus	Enterobacteria phage RB16	270	1	DNA	4
Virus	Enterobacteria phage RB32	270	1	DNA	4
Virus	Enterobacteria phage RB43	292	1	DNA	4
Virus	Enterobacteria phage RB49	279	1	DNA	4
Virus	Enterobacteria phage RB51	273	1	DNA	4
Virus	Enterobacteria phage RB69	273	1	DNA	4
Virus	Enterobacteria phage RTP	75	1	DNA	4
Virus	Enterobacteria phage Sf6	66	1	DNA	NA
Virus	Enterobacteria phage SfV	53	1	DNA	4
Virus	Enterobacteria phage SP6	52	1	DNA	4
Virus	Enterobacteria phage SPC35	145	1	DNA	4
Virus	Enterobacteria phage SSL-2009a	52	1	DNA	4
Virus	Enterobacteria phage St-1	11	2	DNA	NA
Virus	Enterobacteria phage ST104	63	1	DNA	4
Virus	Enterobacteria phage ST64T	65	1	DNA	NA
Virus	Enterobacteria phage T1	78	1	DNA	4
Virus	Enterobacteria phage T3	55	1	DNA	4
Virus	Enterobacteria phage T4	278	1	DNA	4
Virus	Enterobacteria phage T5	163	1	DNA	4
Virus	Enterobacteria phage T7	60	1	DNA	4
Virus	Enterobacteria phage TLS	87	1	DNA	4
Virus	Enterobacteria phage vB_EcoM_ACG-C40	282	1	DNA	4
Virus	Enterobacteria phage vB_EcoM-VR7	293	1	DNA	4
Virus	Enterobacteria phage vB_EcoP_ACG-C91	56	1	DNA	4
Virus	Enterobacteria phage vB_EcoS_ACG-M12	78	1	DNA	4
Virus	Enterobacteria phage VT2-Sakai	83	1	DNA	4
Virus	Enterobacteria phage WA13 sensu lato	10	2	DNA	NA
Virus	Enterobacteria phage YYZ-2008	75	NA	NA	NA
Virus	Enterococcus phage BC-611	57	1	DNA	4
Virus	Enterococcus phage EF62phi	48	NA	NA	NA
Virus	Enterococcus phage EFAP-1	24	1	DNA	4
Virus	Enterococcus phage EFRM31	23	1	DNA	4
Virus	Enterococcus phage phiEf11	65	1	DNA	4
Virus	Enterococcus phage phiEF24C	221	1	DNA	4
Virus	Enterococcus phage phiFL1A	61	1	DNA	4

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Enterococcus phage phiFL2A	63	1	DNA	4
Virus	Enterococcus phage phiFL3A	64	1	DNA	4
Virus	Enterococcus phage phiFL4A	55	1	DNA	4
Virus	Enzootic nasal tumour virus of goats	4	6	RNA	2
Virus	Epinephelus tauvina nervous necrosis virus	3	4	RNA	1
Virus	Epinotia aporema granulovirus	132	1	DNA	NA
Virus	Epiphyas postvittana NPV	136	1	DNA	NA
Virus	Epirus cherry virus	3	4	RNA	1
Virus	Epizootic hemorrhagic disease virus (serotype 1 / strain New Jersey)	11	3	RNA	NA
Virus	Equid herpesvirus 1	80	1	DNA	NA
Virus	Equid herpesvirus 2	79	1	DNA	NA
Virus	Equid herpesvirus 4	79	1	DNA	NA
Virus	Equid herpesvirus 8	81	1	DNA	NA
Virus	Equid herpesvirus 9	80	1	DNA	NA
Virus	Equine arteritis virus	22	4	RNA	NA
Virus	Equine coronavirus	11	4	RNA	NA
Virus	equine foamy virus	5	6	RNA	2
Virus	Equine infectious anemia virus	4	6	RNA	2
Virus	Equine papillomavirus 2	6	1	DNA	3
Virus	Equine papillomavirus 3	7	1	DNA	3
Virus	Equine polyomavirus	5	1	DNA	3
Virus	Equine rhinitis A virus	14	4	RNA	1
Virus	Equine rhinitis B virus 1	13	4	RNA	1
Virus	Equine rhinitis B virus 2	13	4	RNA	1
Virus	Equinus papillomavirus	6	1	DNA	3
Virus	Equus caballus papillomavirus 1	7	1	DNA	3
Virus	Eragrostis curvula streak virus	3	2	DNA	3
Virus	Eragrostis minor streak virus	4	2	DNA	3
Virus	Eragrostis streak virus	3	2	DNA	3
Virus	Erectites yellow mosaic virus	6	2	DNA	3
Virus	Erectites yellow mosaic virus satellite DNA beta	1	2	DNA	3
Virus	Erethizon dorsatum papillomavirus 1	7	1	DNA	3
Virus	Erinaceus europaeus papillomavirus	7	1	DNA	3
Virus	Erwinia amylovora phage Era103	53	1	DNA	4
Virus	Erwinia phage PEP14	64	1	DNA	4
Virus	Erwinia phage phiEa104	118	1	DNA	4
Virus	Erwinia phage phiEa21-4	118	1	DNA	4
Virus	Erwinia phage phiEt88	68	1	DNA	4
Virus	Erysimum latent virus	3	4	RNA	1
Virus	Escherichia phage bV_EcoS_AKFV33	160	1	DNA	4
Virus	Escherichia phage D108	57	1	DNA	4
Virus	Escherichia phage HK639	76	1	DNA	4
Virus	Escherichia phage HK75	58	1	DNA	4
Virus	Escherichia phage KBNP135	120	NA	NA	NA
Virus	Escherichia phage KBNP21	82	1	DNA	4
Virus	Escherichia phage N4	72	1	DNA	4
Virus	Escherichia phage P13374	79	1	DNA	4
Virus	Escherichia phage phiV10	55	1	DNA	4
Virus	Escherichia phage rv5	233	1	DNA	4
Virus	Escherichia phage vB_EcoM_CBA120	204	1	DNA	4
Virus	Escherichia phage vB_EcoP_G7C	79	1	DNA	4
Virus	Escherichia phage wV8	140	1	DNA	4
Virus	Espirito Santo virus	6	3	RNA	NA
Virus	Etapapillomavirus 1	6	1	DNA	3
Virus	Eupatorium vein clearing virus	6	7	DNA	2
Virus	Eupatorium yellow vein betasatellite	1	2	DNA	3
Virus	Eupatorium yellow vein virus	6	2	DNA	3
Virus	Euphorbia leaf curl virus	6	2	DNA	3
Virus	Euphorbia mosaic virus	6	2	DNA	3
Virus	Euphorbia mosaic virus associated DNA 1	1	NA	NA	NA
Virus	Euphorbia yellow mosaic virus	6	2	DNA	3
Virus	Euproctis pseudoconsersa nucleopolyhedrovirus	139	1	DNA	NA
Virus	Euprosterna elaeasa virus	5	4	RNA	1
Virus	European bat lyssavirus 1	5	5	RNA	NA
Virus	European bat lyssavirus 2	5	5	RNA	NA
Virus	European brown hare syndrome virus	9	4	RNA	1
Virus	European catfish virus	136	1	DNA	5
Virus	European mountain ash ringspot-associated virus	4	4	RNA	1
Virus	Eyach virus	13	3	RNA	NA
Virus	Faba bean necrotic stunt virus	8	2	DNA	NA
Virus	Faba bean necrotic yellows virus	10	2	DNA	NA
Virus	Feldmannia species virus	150	1	DNA	5
Virus	Felid herpesvirus 1	77	1	DNA	NA
Virus	Feline bocavirus	4	2	DNA	3
Virus	Feline calicivirus	13	4	RNA	1
Virus	Feline foamy virus	4	6	RNA	2
Virus	Feline immunodeficiency virus	7	6	RNA	2
Virus	Feline infectious peritonitis virus	9	4	RNA	NA
Virus	Feline leukemia virus	13	6	RNA	2
Virus	Feline picornavirus	13	4	RNA	1

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Felis domesticus papillomavirus type 1	7	1	DNA	3
Virus	Fenneropenaeus chinensis hepatopancreatic densovirus	3	2	DNA	3
Virus	Fer-de-lance virus	8	5	RNA	NA
Virus	Fig badnavirus 1	3	7	DNA	2
Virus	Fig cryptic virus	2	3	RNA	1
Virus	Fig fleck-associated virus	7	4	RNA	1
Virus	Figwort mosaic virus	7	7	DNA	2
Virus	Fiji disease virus	12	3	RNA	NA
Virus	Finch circovirus	3	2	DNA	3
Virus	Finch polyomavirus	6	1	DNA	3
Virus	Flavobacterium phage 11b	65	1	DNA	4
Virus	Flexal virus	4	5	RNA	NA
Virus	Flock house virus	4	4	RNA	1
Virus	Foot-and-mouth disease virus - type A	1	4	RNA	1
Virus	Foot-and-mouth disease virus - type Asia 1	8	4	RNA	1
Virus	Foot-and-mouth disease virus - type C	15	4	RNA	1
Virus	Foot-and-mouth disease virus - type O	13	4	RNA	1
Virus	Foot-and-mouth disease virus - type SAT 1	1	4	RNA	1
Virus	Foot-and-mouth disease virus - type SAT 2	1	4	RNA	1
Virus	Foot-and-mouth disease virus - type SAT 3	1	4	RNA	1
Virus	Fort Morgan virus	13	4	RNA	1
Virus	Fowl adenovirus A	77	1	DNA	NA
Virus	Fowl adenovirus C	46	1	DNA	NA
Virus	Fowl adenovirus D	63	1	DNA	NA
Virus	Fowl adenovirus E	46	1	DNA	NA
Virus	Fowlpox virus	261	1	DNA	5
Virus	Foxtail mosaic virus	5	4	RNA	1
Virus	Fragaria chiloensis cryptic virus	3	3	RNA	1
Virus	Fragaria chiloensis latent virus	6	4	RNA	1
Virus	Francolinus leucoscepus papillomavirus 1	8	1	DNA	3
Virus	Frangipani mosaic virus	4	4	RNA	1
Virus	Freesia mosaic virus	12	4	RNA	1
Virus	French bean leaf curl betasatellite-Kanpur	1	NA	NA	NA
Virus	French bean leaf curl virus-Kanpur	7	2	DNA	3
Virus	French bean severe leaf curl virus	2	2	DNA	3
Virus	Friend murine leukemia virus	10	6	RNA	2
Virus	Fritillary virus Y	12	4	RNA	1
Virus	Frog adenovirus 1	23	1	DNA	NA
Virus	Frog virus 3	99	1	DNA	5
Virus	Fujinami sarcoma virus	5	6	RNA	2
Virus	Fusarium graminearum dsRNA mycovirus-1	4	3	RNA	NA
Virus	Fusarium graminearum dsRNA mycovirus-3	2	3	RNA	NA
Virus	Fusarium graminearum dsRNA mycovirus-4	3	3	RNA	NA
Virus	Fusarium poae virus 1	2	3	RNA	1
Virus	Galinsoga mosaic virus	5	4	RNA	1
Virus	Galleria mellonella densovirus	7	2	DNA	3
Virus	Gallid herpesvirus 1	79	1	DNA	NA
Virus	Gallid herpesvirus 2	85	1	DNA	NA
Virus	Gallid herpesvirus 3	76	1	DNA	NA
Virus	Gammapapillomavirus HPV127	7	1	DNA	3
Virus	Garlic common latent virus	6	4	RNA	1
Virus	Garlic latent virus	6	4	RNA	1
Virus	Garlic virus A	6	4	RNA	1
Virus	Garlic virus C	6	4	RNA	1
Virus	Garlic virus E	8	4	RNA	1
Virus	Garlic virus X	6	4	RNA	1
Virus	Gayfeather mild mottle virus	5	4	RNA	1
Virus	GB virus A	9	4	RNA	1
Virus	GB virus C	9	4	RNA	1
Virus	Geobacillus phage GBSV1	54	1	DNA	NA
Virus	Geobacillus virus E2	71	1	DNA	NA
Virus	Getah virus	4	4	RNA	1
Virus	Giardia lamblia virus	2	3	RNA	NA
Virus	Gibbon ape leukemia virus	12	6	RNA	2
Virus	Gill-associated virus	5	4	RNA	NA
Virus	Glossina pallidipes salivary gland hypertrophy virus	160	1	DNA	NA
Virus	Glypta fumiferanae ichnovirus	103	1	DNA	NA
Virus	Goatpox virus Pellor	150	1	DNA	5
Virus	Golden Gate virus	4	5	RNA	NA
Virus	Goose adenovirus 4	34	1	DNA	NA
Virus	Goose circovirus	4	2	DNA	3
Virus	Goose hemorrhagic polyomavirus	6	1	DNA	3
Virus	Goose paramyxovirus SF02	6	5	RNA	NA
Virus	Goose parvovirus	4	2	DNA	3
Virus	Gooseberry vein banding virus	3	7	DNA	2
Virus	Gordonia phage GRU1	94	1	DNA	4
Virus	Gordonia phage GTE2	57	1	DNA	4
Virus	Gordonia phage GTE5	92	1	DNA	4
Virus	Gordonia phage GTE7	103	1	DNA	4
Virus	Gossypium darwinii symptomless alphasatellite	1	2	DNA	NA

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Gossypium darwinii symptomless virus	6	2	DNA	3
Virus	Gossypium davidsonii symptomless alphasatellite	1	2	DNA	NA
Virus	Gossypium mustelinum symptomless alphasatellite	1	2	DNA	NA
Virus	Gossypium punctatum mild leaf curl virus	8	2	DNA	3
Virus	Grapevine Algerian latent virus	5	4	RNA	1
Virus	Grapevine Anatolian ringspot virus	2	4	RNA	1
Virus	Grapevine berry inner necrosis virus	3	4	RNA	1
Virus	Grapevine Bulgarian latent virus	10	4	RNA	1
Virus	grapevine chrome mosaic virus	2	4	RNA	1
Virus	Grapevine chrome mosaic virus	7	4	RNA	1
Virus	Grapevine deformation virus	7	4	RNA	1
Virus	Grapevine fanleaf virus	10	4	RNA	1
Virus	Grapevine fanleaf virus satellite RNA	1	NA	RNA	NA
Virus	Grapevine fleck virus	4	4	RNA	1
Virus	Grapevine geminivirus	1	2	DNA	3
Virus	Grapevine leafroll-associated virus 1	10	4	RNA	1
Virus	Grapevine leafroll-associated virus 10	7	4	RNA	1
Virus	Grapevine leafroll-associated virus 12	10	4	RNA	1
Virus	Grapevine leafroll-associated virus 2	9	4	RNA	1
Virus	Grapevine leafroll-associated virus 3	12	4	RNA	1
Virus	Grapevine leafroll-associated virus 4	6	4	RNA	1
Virus	Grapevine leafroll-associated virus 5	7	4	RNA	1
Virus	Grapevine leafroll-associated virus 6	6	4	RNA	1
Virus	Grapevine leafroll-associated virus 7	10	4	RNA	1
Virus	Grapevine Pinot gris virus	3	4	RNA	1
Virus	Grapevine rootstock stem lesion associated virus	11	4	RNA	1
Virus	Grapevine Syrah virus 1	5	4	RNA	1
Virus	Grapevine vein-clearing virus	4	NA	DNA	2
Virus	Grapevine virus A	5	4	RNA	1
Virus	Grapevine virus B	5	4	RNA	1
Virus	Grapevine virus E	5	4	RNA	1
Virus	Grapevine virus F	5	4	RNA	NA
Virus	Great Island virus	11	3	RNA	NA
Virus	Gremmeniella abietina mitochondrial RNA virus S2	1	4	RNA	1
Virus	Gremmeniella abietina RNA virus L1	2	3	RNA	NA
Virus	Gremmeniella abietina RNA virus L2	2	3	RNA	NA
Virus	Gremmeniella abietina RNA virus MS1	3	3	RNA	1
Virus	Gremmeniella abietina RNA virus MS2	3	3	RNA	1
Virus	Gremmeniella abietina type B RNA virus XL1	1	3	RNA	NA
Virus	Ground squirrel hepatitis virus	5	7	DNA	2
Virus	Groundnut bud necrosis virus	5	5	RNA	NA
Virus	Groundnut ringspot and Tomato chlorotic spot virus reassortant	5	5	RNA	NA
Virus	Groundnut rosette virus	4	4	RNA	1
Virus	Gryllus bimaculatus nudivirus	98	1	DNA	NA
Virus	Guanarito virus	4	5	RNA	NA
Virus	Gull circovirus	3	2	DNA	3
Virus	Gyrovirus 4	2	2	DNA	3
Virus	Gyrovirus GyV3	3	2	DNA	3
Virus	Haemophilus phage Aaphi23	66	1	DNA	4
Virus	Haemophilus phage HP1	42	1	DNA	4
Virus	Haemophilus phage HP2	37	1	DNA	4
Virus	Halastavi arva RNA virus	2	4	RNA	NA
Virus	Haloarcula hispanica pleomorphic virus 1	9	1	DNA	NA
Virus	Haloarcula phage SH1	56	1	DNA	NA
Virus	Halocynthia phage JM-2012	173	1	DNA	4
Virus	Halogeometricum pleomorphic virus 1	16	2	DNA	NA
Virus	Halomonas phage phiHAP-1	46	1	DNA	4
Virus	Halorubrum phage HF2	114	1	DNA	NA
Virus	Halorubrum pleomorphic virus 1	10	2	DNA	NA
Virus	Halorubrum pleomorphic virus 2	16	2	DNA	NA
Virus	Halorubrum pleomorphic virus 3	13	2	DNA	3
Virus	Halorubrum pleomorphic virus 6	11	2	DNA	NA
Virus	Halovirus HF1	102	1	DNA	NA
Virus	Hamster polyomavirus	6	1	DNA	3
Virus	Hantaan virus	5	5	RNA	NA
Virus	Hantavirus Z10	3	5	RNA	NA
Virus	Hardenbergia mosaic virus	12	4	RNA	1
Virus	Hardenbergia virus A	2	4	RNA	1
Virus	Helicobacter phage phiHP33	27	1	DNA	4
Virus	Helicobasidium mompa endornavirus 1	1	3	RNA	NA
Virus	Helicobasidium mompa No.17 dsRNA virus	3	3	RNA	NA
Virus	Helicoverpa armigera densovirus	3	2	DNA	3
Virus	Helicoverpa armigera granulovirus	179	1	DNA	NA
Virus	Helicoverpa armigera multiple nucleopolyhedrovirus	162	1	DNA	NA
Virus	Helicoverpa armigera NPV	137	1	DNA	NA
Virus	Helicoverpa armigera NPV NNg1	143	1	DNA	NA
Virus	Helicoverpa armigera nucleopolyhedrovirus G4	135	1	DNA	NA
Virus	Helicoverpa armigera stunt virus	3	4	RNA	1
Virus	Helicoverpa zea nudivirus 2	113	1	DNA	NA
Virus	Helicoverpa zea SNPV	139	1	DNA	NA

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Heliothis armigera cypovirus 5	4	3	RNA	NA
Virus	Heliothis virescens ascovirus 3e	180	1	DNA	5
Virus	Helleborus net necrosis virus	6	4	RNA	1
Virus	Helminthosporium victoriae 145S virus	4	3	RNA	NA
Virus	Helminthosporium victoriae virus 190S	2	3	RNA	NA
Virus	Hendra virus	8	5	RNA	NA
Virus	Hepatitis A virus	14	4	RNA	1
Virus	Hepatitis B virus	7	7	DNA	2
Virus	Hepatitis C virus	12	4	RNA	1
Virus	Hepatitis C virus genotype 2	1	4	RNA	1
Virus	Hepatitis C virus genotype 3	10	4	RNA	1
Virus	Hepatitis C virus genotype 4	1	4	RNA	1
Virus	Hepatitis C virus genotype 5	1	4	RNA	1
Virus	Hepatitis C virus genotype 6	1	4	RNA	1
Virus	Hepatitis delta virus	2	5	RNA	NA
Virus	Hepatitis E virus	3	4	RNA	1
Virus	Hepatitis GB virus B	11	4	RNA	1
Virus	Heron hepatitis B virus	4	7	DNA	2
Virus	Heterocapsa circularisquama RNA virus	2	4	RNA	1
Virus	Heterosigma akashiwo RNA virus	1	4	RNA	1
Virus	Hibiscus chlorotic ringspot virus	7	4	RNA	1
Virus	Hibiscus green spot virus	8	4	RNA	NA
Virus	Hibiscus latent Singapore virus	4	4	RNA	1
Virus	Highlands J virus	13	4	RNA	1
Virus	Himetobi P virus	2	4	RNA	1
Virus	Hippeastrum latent virus	6	4	RNA	1
Virus	Hippeastrum mosaic virus	11	4	RNA	1
Virus	Hirame rhabdovirus	6	5	RNA	NA
Virus	His1 virus	35	1	DNA	NA
Virus	His2 virus	35	1	DNA	NA
Virus	HMO Astrovirus A	3	4	RNA	1
Virus	Hollyhock leaf crumple virus	6	2	DNA	3
Virus	Hollyhock yellow vein mosaic virus	6	2	DNA	3
Virus	Homalodisca coagulata virus-1	2	4	RNA	1
Virus	Homalodisca vitripennis reovirus	13	3	RNA	NA
Virus	Honeysuckle ringspot virus	6	4	RNA	1
Virus	Honeysuckle yellow vein betasatellite	1	2	DNA	3
Virus	Honeysuckle yellow vein mosaic disease associated satellite DNA beta	1	2	DNA	NA
Virus	Honeysuckle yellow vein mosaic virus	6	2	DNA	3
Virus	Honeysuckle yellow vein virus	6	2	DNA	3
Virus	Hop latent virus	6	4	RNA	1
Virus	Hop mosaic virus	6	4	RNA	1
Virus	Hordeum mosaic virus	12	4	RNA	1
Virus	Horsegram yellow mosaic virus	8	2	DNA	3
Virus	Horseradish curly top virus	6	2	DNA	3
Virus	Horseradish latent virus	8	7	DNA	2
Virus	Hosta virus X	5	4	RNA	1
Virus	Human adenovirus 1	36	1	DNA	NA
Virus	Human adenovirus 2	36	1	DNA	NA
Virus	Human adenovirus 35	37	1	DNA	NA
Virus	Human adenovirus 5	36	1	DNA	NA
Virus	Human adenovirus 54	36	1	DNA	NA
Virus	Human adenovirus 7	37	1	DNA	NA
Virus	Human adenovirus A	71	1	DNA	NA
Virus	Human adenovirus B	77	1	DNA	NA
Virus	Human adenovirus C	38	1	DNA	NA
Virus	Human adenovirus D	57	1	DNA	NA
Virus	Human adenovirus E	38	1	DNA	NA
Virus	Human adenovirus F	34	1	DNA	NA
Virus	Human bocavirus	4	2	DNA	3
Virus	Human bocavirus 2	4	2	DNA	3
Virus	Human bocavirus 3	4	2	DNA	3
Virus	Human bocavirus 4	5	2	DNA	3
Virus	Human coronavirus 229E	8	4	RNA	NA
Virus	Human coronavirus HKU1	23	4	RNA	NA
Virus	Human coronavirus NL63	6	4	RNA	NA
Virus	Human coronavirus OC43	9	4	RNA	NA
Virus	Human cosavirus A	12	4	RNA	1
Virus	Human cosavirus B	12	4	RNA	1
Virus	Human cosavirus D	12	4	RNA	1
Virus	Human cosavirus E	12	4	RNA	1
Virus	Human enteric coronavirus strain 4408	12	4	RNA	NA
Virus	Human enterovirus 100	12	4	RNA	1
Virus	Human enterovirus 107	12	4	RNA	1
Virus	Human enterovirus 98	12	4	RNA	1
Virus	Human enterovirus A	12	4	RNA	1
Virus	Human enterovirus B	12	4	RNA	1
Virus	Human enterovirus C	12	4	RNA	1
Virus	Human enterovirus C109	12	4	RNA	1
Virus	Human enterovirus D	17	4	RNA	1

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Human erythrovirus V9	6	2	DNA	3
Virus	Human herpesvirus 1	77	1	DNA	NA
Virus	Human herpesvirus 2	77	1	DNA	NA
Virus	Human herpesvirus 3	73	1	DNA	NA
Virus	Human herpesvirus 4	94	1	DNA	NA
Virus	Human herpesvirus 4 type 2	80	1	DNA	NA
Virus	Human herpesvirus 5	168	1	DNA	NA
Virus	Human herpesvirus 6	192	1	DNA	NA
Virus	Human herpesvirus 7	86	1	DNA	NA
Virus	Human herpesvirus 8	86	1	DNA	NA
Virus	Human immunodeficiency virus 1	27	6	RNA	2
Virus	Human immunodeficiency virus 2	9	6	RNA	2
Virus	Human klassevirus 1	1	4	RNA	1
Virus	Human metapneumovirus	9	5	RNA	NA
Virus	Human papillomavirus	6	1	DNA	3
Virus	Human papillomavirus - 1	7	1	DNA	3
Virus	Human papillomavirus - 18	8	1	DNA	3
Virus	Human papillomavirus - 2	7	1	DNA	3
Virus	Human papillomavirus 109	7	1	DNA	3
Virus	Human papillomavirus 112	7	1	DNA	3
Virus	Human papillomavirus 116	7	1	DNA	3
Virus	Human papillomavirus 121	7	1	DNA	3
Virus	Human papillomavirus type 10	7	1	DNA	3
Virus	Human papillomavirus type 101	6	1	DNA	3
Virus	Human papillomavirus type 103	6	1	DNA	3
Virus	Human papillomavirus type 108	5	1	DNA	3
Virus	Human papillomavirus type 126	7	1	DNA	3
Virus	Human papillomavirus type 128	7	1	DNA	3
Virus	Human papillomavirus type 129	7	1	DNA	3
Virus	Human papillomavirus type 131	7	1	DNA	3
Virus	Human papillomavirus type 132	7	1	DNA	3
Virus	Human papillomavirus type 134	7	1	DNA	3
Virus	Human papillomavirus type 135	7	1	DNA	3
Virus	Human papillomavirus type 136	7	1	DNA	3
Virus	Human papillomavirus type 137	7	1	DNA	3
Virus	Human papillomavirus type 140	7	1	DNA	3
Virus	Human papillomavirus type 144	7	1	DNA	3
Virus	Human papillomavirus type 16	8	1	DNA	3
Virus	Human papillomavirus type 26	6	1	DNA	3
Virus	Human papillomavirus type 32	6	1	DNA	3
Virus	Human papillomavirus type 34	6	1	DNA	3
Virus	Human papillomavirus type 4	7	1	DNA	3
Virus	Human papillomavirus type 41	11	1	DNA	3
Virus	Human papillomavirus type 48	7	1	DNA	3
Virus	Human papillomavirus type 49	6	1	DNA	3
Virus	Human papillomavirus type 5	8	1	DNA	3
Virus	Human papillomavirus type 50	7	1	DNA	3
Virus	Human papillomavirus type 53	7	1	DNA	3
Virus	Human papillomavirus type 60	7	1	DNA	3
Virus	Human papillomavirus type 63	7	1	DNA	3
Virus	Human papillomavirus type 6b	9	1	DNA	3
Virus	Human papillomavirus type 7	6	1	DNA	3
Virus	Human papillomavirus type 88	7	1	DNA	3
Virus	Human papillomavirus type 9	7	1	DNA	3
Virus	Human papillomavirus type 90	7	1	DNA	3
Virus	Human papillomavirus type 92	7	1	DNA	3
Virus	Human papillomavirus type 96	7	1	DNA	3
Virus	Human parainfluenza virus 1	10	5	RNA	NA
Virus	Human parainfluenza virus 2	7	5	RNA	NA
Virus	Human parainfluenza virus 3	8	5	RNA	NA
Virus	Human parechovirus	11	4	RNA	1
Virus	Human parvovirus 4	2	2	DNA	3
Virus	Human parvovirus B19	6	2	DNA	3
Virus	Human picobirnavirus	3	1	DNA	1
Virus	Human polyomavirus 9	5	1	DNA	3
Virus	Human respiratory syncytial virus	11	5	RNA	NA
Virus	Human rhinovirus A	12	4	RNA	1
Virus	Human rhinovirus B14	12	4	RNA	1
Virus	Human rhinovirus C	12	4	RNA	1
Virus	Human T-lymphotropic virus 1	11	6	RNA	2
Virus	Human T-lymphotropic virus 2	10	6	RNA	2
Virus	Human T-lymphotropic virus 4	6	6	RNA	2
Virus	Human TMEV-like cardiovirus	13	4	RNA	1
Virus	Humulus japonicus latent virus	4	4	RNA	1
Virus	Hydrangea chlorotic mottle virus	6	4	RNA	1
Virus	Hydrangea ringspot virus	6	4	RNA	1
Virus	Hyperthermophilic Archaeal Virus 1	40	1	DNA	NA
Virus	Hyperthermophilic Archaeal Virus 2	15	NA	NA	NA
Virus	Hyphantria cunea nucleopolyhedrovirus	148	1	DNA	NA
Virus	Hyposoter fugitivus ichnovirus	143	1	DNA	NA

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Ictalurid herpesvirus 1	90	1	DNA	NA
Virus	Ikoma lyssavirus	5	5	RNA	NA
Virus	Ilheus virus	1	4	RNA	1
Virus	Impatiens necrotic spot virus	5	5	RNA	NA
Virus	Imperata yellow mottle virus	4	4	RNA	1
Virus	Indian cassava mosaic virus	10	2	DNA	3
Virus	Indian citrus ringspot virus	6	4	RNA	1
Virus	Indian peanut clump virus	8	4	RNA	1
Virus	Infectious bronchitis virus	24	4	RNA	NA
Virus	Infectious bursal disease virus	3	3	RNA	NA
Virus	Infectious flacherie virus	1	4	RNA	1
Virus	Infectious hematopoietic necrosis virus	6	5	RNA	NA
Virus	Infectious hypodermal and hematopoietic necrosis virus	3	2	DNA	3
Virus	Infectious pancreatic necrosis virus	3	3	RNA	NA
Virus	Infectious salmon anemia virus	10	5	RNA	NA
Virus	Infectious spleen and kidney necrosis virus	125	1	DNA	5
Virus	Influenza A virus (A/Goose/Guangdong/1/96(H5N1))	14	5	RNA	NA
Virus	Influenza A virus (A/Hong Kong/1073/99(H9N2))	14	5	RNA	NA
Virus	Influenza A virus (A/Korea/426/1968(H2N2))	3	5	RNA	NA
Virus	Influenza A virus (A/Korea/426/68(H2N2))	11	5	RNA	NA
Virus	Influenza A virus (A/New York/392/2004(H3N2))	14	5	RNA	NA
Virus	Influenza A virus (A/Puerto Rico/8/1934(H1N1))	2	5	RNA	NA
Virus	Influenza A virus (A/Puerto Rico/8/34(H1N1))	12	5	RNA	NA
Virus	Influenza B virus	11	5	RNA	NA
Virus	Influenza C virus (C/Ann Arbor/1/50)	9	5	RNA	NA
Virus	Invertebrate iridescent virus 3	126	1	DNA	5
Virus	Invertebrate iridescent virus 6	468	1	DNA	5
Virus	Iodobacteriophage phiPLPE	84	1	DNA	4
Virus	Iotapapillomavirus 1	6	1	DNA	3
Virus	Ipomoea yellow vein virus	6	2	DNA	3
Virus	Ippy virus	4	5	RNA	NA
Virus	Iranian johnsongrass mosaic virus	1	4	RNA	1
Virus	Israeli acute paralysis virus	3	4	RNA	1
Virus	J-virus	11	5	RNA	NA
Virus	Jaagsiekte sheep retrovirus	5	6	RNA	2
Virus	Japanese eel endothelial cells-infecting virus	1	1	DNA	NA
Virus	Japanese encephalitis virus	16	4	RNA	1
Virus	Japanese holly fern mottle virus	5	3	RNA	NA
Virus	Japanese iris necrotic ring virus	6	4	RNA	1
Virus	Japanese yam mosaic virus	12	4	RNA	1
Virus	Jatropha leaf curl virus	6	2	DNA	3
Virus	Jatropha mosaic Nigerian virus	6	2	DNA	3
Virus	Jatropha yellow mosaic India virus	6	2	DNA	3
Virus	JC polyomavirus	6	1	DNA	3
Virus	Johnsongrass chlorotic stripe mosaic virus	5	4	RNA	1
Virus	Johnsongrass mosaic virus	12	4	RNA	1
Virus	Junin virus	6	5	RNA	NA
Virus	Junonia coenia densovirus	4	2	DNA	3
Virus	Kadipiro virus	12	3	RNA	NA
Virus	Kakugo virus	1	4	RNA	1
Virus	Kalanchoe latent virus	7	4	RNA	1
Virus	Kalanchoe top-spotting virus	3	7	DNA	2
Virus	Kamiti River virus	14	4	RNA	1
Virus	Kappapapillomavirus 1	9	1	DNA	3
Virus	Kappapapillomavirus 2	10	1	DNA	3
Virus	Karshi virus	1	4	RNA	1
Virus	Kashmir bee virus	7	4	RNA	1
Virus	Kedougou virus	1	4	RNA	1
Virus	Kelp fly virus	1	4	RNA	NA
Virus	Kennedya yellow mosaic virus	3	4	RNA	1
Virus	Keunjong mosaic virus	12	4	RNA	1
Virus	KI polyomavirus	5	1	DNA	3
Virus	Klebsiella phage K11	51	1	DNA	4
Virus	Klebsiella phage KP15	258	1	DNA	4
Virus	Klebsiella phage KP32	44	1	DNA	4
Virus	Klebsiella phage KP34	57	1	DNA	4
Virus	Klebsiella phage phiKO2	64	1	DNA	4
Virus	Kluyvera phage Kvp1	47	1	DNA	4
Virus	Kokobera virus	1	4	RNA	1
Virus	Konjac mosaic virus	12	4	RNA	1
Virus	Kotonkan virus	11	5	RNA	NA
Virus	Kudzu mosaic virus	8	2	DNA	3
Virus	Kyuri green mottle mosaic virus	4	4	RNA	1
Virus	La Crosse virus	4	5	RNA	NA
Virus	Lactate dehydrogenase-elevating virus	12	4	RNA	NA
Virus	Lactobacillus johnsonii prophage Lj771	56	NA	NA	NA
Virus	Lactobacillus phage A2	62	1	DNA	4
Virus	Lactobacillus phage KC5a	61	1	DNA	4
Virus	Lactobacillus phage Lb338-1	199	1	DNA	4
Virus	Lactobacillus phage Lc-Nu	51	1	DNA	4

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Lactobacillus phage LL-H	51	1	DNA	4
Virus	Lactobacillus phage LP65	165	1	DNA	4
Virus	Lactobacillus phage Lrm1	54	1	DNA	4
Virus	Lactobacillus phage Lv-1	47	1	DNA	4
Virus	Lactobacillus phage phiadh	63	1	DNA	4
Virus	Lactobacillus phage phiAT3	55	1	DNA	4
Virus	Lactobacillus phage phig1e	60	1	DNA	4
Virus	Lactobacillus phage phiJL-1	46	1	DNA	4
Virus	Lactobacillus prophage Lj928	50	1	DNA	4
Virus	Lactobacillus prophage Lj965	46	1	DNA	4
Virus	Lactococcus phage 1706	76	1	DNA	4
Virus	Lactococcus phage 712	55	1	DNA	4
Virus	Lactococcus phage 949	154	1	DNA	4
Virus	Lactococcus phage asccphi28	28	1	DNA	4
Virus	Lactococcus phage bIBB29	54	1	DNA	4
Virus	Lactococcus phage bIL285	62	1	DNA	4
Virus	Lactococcus phage bIL286	61	1	DNA	4
Virus	Lactococcus phage bIL309	56	1	DNA	4
Virus	Lactococcus phage bIL310	29	1	DNA	4
Virus	Lactococcus phage bIL311	22	1	DNA	4
Virus	Lactococcus phage bIL312	27	1	DNA	4
Virus	Lactococcus phage bIL67	37	1	DNA	4
Virus	Lactococcus phage BK5-T	63	1	DNA	4
Virus	Lactococcus phage c2	39	1	DNA	4
Virus	Lactococcus phage jj50	49	1	DNA	4
Virus	Lactococcus phage KSY1	130	1	DNA	4
Virus	Lactococcus phage P087	88	1	DNA	4
Virus	Lactococcus phage P335 sensu lato	49	1	DNA	4
Virus	Lactococcus phage phiLC3	51	1	DNA	4
Virus	Lactococcus phage Q54	47	1	DNA	4
Virus	Lactococcus phage r1t	50	1	DNA	4
Virus	Lactococcus phage sk1	56	1	DNA	4
Virus	Lactococcus phage TP901-1	56	1	DNA	4
Virus	Lactococcus phage Tuc2009	56	1	DNA	4
Virus	Lactococcus phage ul36	61	1	DNA	4
Virus	Lambdapapillomavirus 2	7	1	DNA	3
Virus	Lambdapapillomavirus 3	7	1	DNA	3
Virus	Lamium leaf distortion virus	6	7	DNA	2
Virus	Langat virus	11	4	RNA	1
Virus	Lassa virus	4	5	RNA	NA
Virus	Latino virus	4	5	RNA	NA
Virus	Lausannevirus	444	1	DNA	5
Virus	Leek white stripe virus	5	4	RNA	1
Virus	Leek yellow stripe virus	12	4	RNA	1
Virus	Leishmania RNA virus 1 - 1	3	3	RNA	NA
Virus	Leishmania RNA virus 1 - 4	2	3	RNA	NA
Virus	Leishmania RNA virus 2 - 1	3	3	RNA	NA
Virus	Lettuce big-vein associated virus	6	4	RNA	1
Virus	Lettuce chlorosis virus	14	4	RNA	1
Virus	Lettuce infectious yellows virus	9	4	RNA	1
Virus	Lettuce mosaic virus	12	4	RNA	1
Virus	Lettuce necrotic stunt virus	6	4	RNA	1
Virus	Lettuce necrotic yellows virus	6	5	RNA	NA
Virus	Lettuce ring necrosis virus	5	5	RNA	NA
Virus	Lettuce virus X	5	4	RNA	1
Virus	Lettuce yellow mottle virus	6	5	RNA	NA
Virus	Leucania separata nuclear polyhedrosis virus	169	1	DNA	NA
Virus	Leucas zeylanica yellow vein virus satellite DNA beta	1	2	DNA	3
Virus	Leuconostoc phage Lmd1	40	1	DNA	4
Virus	Liao ning virus	12	3	RNA	NA
Virus	Ligustrum necrotic ringspot virus	6	4	RNA	1
Virus	Lily mottle virus	12	4	RNA	1
Virus	Lily symptomless virus	6	4	RNA	1
Virus	Lily virus X	5	4	RNA	1
Virus	Lindernia anagallis yellow vein virus	6	2	DNA	3
Virus	Lindernia anagallis yellow vein virus satellite DNA beta	1	2	DNA	3
Virus	Lisianthus necrosis virus	5	4	RNA	1
Virus	Listeria phage 2389	59	1	DNA	4
Virus	Listeria phage A006	64	1	DNA	4
Virus	Listeria phage A118	72	1	DNA	4
Virus	Listeria phage A500	63	1	DNA	4
Virus	Listeria phage A511	201	1	DNA	4
Virus	Listeria phage B025	66	1	DNA	4
Virus	Listeria phage B054	80	1	DNA	4
Virus	Listeria phage P35	56	1	DNA	4
Virus	Listeria phage P40	62	1	DNA	4
Virus	Listeria phage P70	119	1	DNA	4
Virus	Listonella phage phiHSIC	47	1	DNA	4
Virus	Little cherry virus 1	10	4	RNA	1
Virus	Little cherry virus 2	10	4	RNA	1

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Ljungan virus	12	4	RNA	1
Virus	Lloviu virus	9	5	RNA	NA
Virus	Lolium latent virus	6	4	RNA	1
Virus	Louping ill virus	14	4	RNA	1
Virus	Lucerne transient streak virus	8	4	RNA	1
Virus	Lucky bamboo bacilliform virus	7	7	DNA	2
Virus	Ludwigia yellow vein virus	6	2	DNA	3
Virus	Ludwigia yellow vein virus-associated DNA beta	1	2	DNA	NA
Virus	Luffa begomovirus associated DNA beta	1	2	DNA	3
Virus	Luffa puckering and leaf distortion-associated DNA beta	1	2	DNA	3
Virus	Luffa yellow mosaic virus	8	2	DNA	3
Virus	Lull virus	2	2	DNA	3
Virus	Lujo virus	4	5	RNA	NA
Virus	Lumpy skin disease virus NI-2490	156	1	DNA	5
Virus	Luna virus	4	5	RNA	NA
Virus	Lunk virus NKS-1	4	5	RNA	NA
Virus	Lupine mosaic virus	12	4	RNA	1
Virus	Lymantria dispar MNPV	164	1	DNA	NA
Virus	Lymantria xyliina MNPV	157	1	DNA	NA
Virus	Lymphocystis disease virus - isolate China	239	1	DNA	5
Virus	Lymphocystis disease virus 1	110	1	DNA	5
Virus	Lymphocytic choriomeningitis virus	4	5	RNA	NA
Virus	Macaca fascicularis papillomavirus 2	7	1	DNA	3
Virus	Macacine herpesvirus 1	75	1	DNA	NA
Virus	Macacine herpesvirus 3	223	1	DNA	NA
Virus	Macacine herpesvirus 4	80	1	DNA	NA
Virus	Macacine herpesvirus 5	89	1	DNA	NA
Virus	Macaque simian foamy virus	5	6	RNA	2
Virus	Machupo virus	4	5	RNA	NA
Virus	Macrobrachium rosenbergii nodavirus	3	4	RNA	1
Virus	Macrobrachium rosenbergii Taihu virus	2	4	RNA	NA
Virus	Macropodium golden mosaic virus	6	2	DNA	3
Virus	Macropodium mosaic Puerto Rico virus	7	2	DNA	3
Virus	Macropodium yellow mosaic Florida virus	7	2	DNA	3
Virus	Macropodium yellow mosaic virus	7	2	DNA	3
Virus	Macropodium yellow net virus	7	2	DNA	3
Virus	Macropodium yellow spot virus	5	2	DNA	3
Virus	Macropodium yellow vein virus	5	2	DNA	3
Virus	Magnaporthe oryzae chrysovirus 1	4	3	RNA	NA
Virus	Magnaporthe oryzae virus 1	2	3	RNA	NA
Virus	Magnaporthe oryzae virus 2	2	3	RNA	NA
Virus	Magpie-robin coronavirus HKU18	9	4	RNA	NA
Virus	Maize chlorotic dwarf virus	8	4	RNA	1
Virus	Maize chlorotic mottle virus	6	4	RNA	1
Virus	Maize dwarf mosaic virus	11	4	RNA	1
Virus	Maize fine streak virus	7	5	RNA	NA
Virus	Maize Iranian mosaic virus	6	5	RNA	NA
Virus	Maize mosaic virus	6	5	RNA	NA
Virus	Maize necrotic streak virus	5	4	RNA	1
Virus	maize rayado fino virus	3	4	RNA	1
Virus	Maize rayado fino virus	2	4	RNA	1
Virus	Maize streak Reunion virus	4	2	DNA	3
Virus	Maize streak virus	5	2	DNA	3
Virus	Maize white line mosaic virus	5	4	RNA	1
Virus	Mal de Rio Cuarto virus	12	3	RNA	NA
Virus	Malachra yellow vein mosaic virus-associated satellite DNA beta	1	2	DNA	3
Virus	Malva mosaic virus	5	4	RNA	1
Virus	Malvastrum leaf curl betasatellite	1	2	DNA	3
Virus	Malvastrum leaf curl Guangdong virus	6	2	DNA	3
Virus	Malvastrum leaf curl virus	6	2	DNA	3
Virus	Malvastrum yellow mosaic alphasatellite	1	NA	NA	NA
Virus	Malvastrum yellow mosaic Cameroon alphasatellite	1	NA	NA	NA
Virus	Malvastrum yellow mosaic virus	6	2	DNA	3
Virus	Malvastrum yellow mosaic virus satellite DNA beta	1	2	DNA	3
Virus	Malvastrum yellow vein Baoshan virus	6	2	DNA	3
Virus	Malvastrum yellow vein betasatellite	1	2	DNA	3
Virus	Malvastrum yellow vein Changa Manga virus	6	2	DNA	3
Virus	Malvastrum yellow vein virus	6	2	DNA	3
Virus	Malvastrum yellow vein Yunnan virus	6	2	DNA	3
Virus	Malvastrum yellow vein Yunnan virus satellite DNA beta	1	2	DNA	3
Virus	Mama_proteome_aa_	1023	1	DNA	5
Virus	Mamastrovirus 1	10	4	RNA	1
Virus	Mamastrovirus 10	3	4	RNA	1
Virus	Mamastrovirus 13	3	4	RNA	1
Virus	Mamestra configurata NPV-A	169	1	DNA	NA
Virus	Mamestra configurata NPV-B	168	1	DNA	NA
Virus	Mammalian orthoreovirus 3	24	3	RNA	NA
Virus	Mannheimia phage phiMHaA1	49	1	DNA	4
Virus	Mapuera virus	9	5	RNA	NA
Virus	Maracuja mosaic virus	4	4	RNA	1

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Marburg marburgvirus	7	5	RNA	NA
Virus	Marine birnavirus	3	3	RNA	NA
Virus	Marine RNA virus JP-A	2	4	RNA	1
Virus	Marine RNA virus JP-B	2	4	RNA	NA
Virus	Marine RNA virus SOG	3	4	RNA	NA
Virus	Marinomonas phage P12026	54	1	DNA	NA
Virus	Mars_Cplete_proteome_aa	457	1	DNA	5
Virus	Marseillevirus	428	1	DNA	5
Virus	Maruca vitrata MNPV	126	1	DNA	NA
Virus	Mason-Pfizer monkey virus	14	6	RNA	2
Virus	Mastomys coucha papillomavirus 2	6	1	DNA	3
Virus	Mavirus	20	1	DNA	Unconsidered
Virus	Mayaro virus	14	4	RNA	1
Virus	Measles virus	8	5	RNA	NA
Virus	Megavirus chileensis	1120	1	DNA	5
Virus	Melandrium yellow fleck virus	4	4	RNA	1
Virus	Melanoplus sanguinipes entomopoxvirus	267	1	DNA	5
Virus	Meleagrid herpesvirus 1	79	1	DNA	NA
Virus	Melon aphid-borne yellows virus	6	4	RNA	1
Virus	Melon chlorotic mosaic virus	7	2	DNA	3
Virus	Melon chlorotic mosaic virus-associated alphasatellite	2	2	DNA	NA
Virus	Melon necrotic spot virus	6	4	RNA	1
Virus	Melon yellow spot virus	5	5	RNA	NA
Virus	Menangle virus	7	5	RNA	NA
Virus	Merkel cell polyomavirus	5	1	DNA	3
Virus	Merremia mosaic Puerto Rico virus	6	2	DNA	3
Virus	Merremia mosaic virus	6	2	DNA	3
Virus	Mesta yellow vein mosaic Bahraich virus	7	2	DNA	3
Virus	Mesta yellow vein mosaic virus	6	2	DNA	3
Virus	Mesta yellow vein mosaic virus-associated alphasatellite	1	NA	NA	NA
Virus	Mesta yellow vein mosaic virus-associated DNA beta	1	2	DNA	NA
Virus	Methanobacterium phage psiM2	32	1	DNA	4
Virus	Methanothermobacter phage psiM100	35	1	DNA	4
Virus	Microbacterium phage Min1	77	1	DNA	4
Virus	Microcystis phage Ma-LMM01	184	1	DNA	4
Virus	Micromonas pusilla reovirus	11	3	RNA	NA
Virus	Micromonas sp. RCC1109 virus MpV1	244	1	DNA	5
Virus	Micromys minutus papillomavirus 1	7	1	DNA	3
Virus	Microplitis demolitor bracovirus	53	1	DNA	NA
Virus	Microviridae phi-CA82	10	2	DNA	NA
Virus	Midway virus	6	5	RNA	NA
Virus	Mikania micrantha mosaic virus	9	4	RNA	1
Virus	Milk vetch dwarf virus	11	2	DNA	NA
Virus	Mimosa yellow leaf curl virus	6	2	DNA	3
Virus	Mimosa yellow leaf curl virus satellite DNA beta	1	2	DNA	3
Virus	Mimosa yellow leaf curl virus-associated DNA 1	1	2	DNA	3
Virus	Mint virus 1	11	4	RNA	1
Virus	Mint virus X	5	4	RNA	1
Virus	Minute virus of mice	7	2	DNA	3
Virus	Mirabilis jalapa mottle virus	6	4	RNA	1
Virus	Mirabilis mosaic virus	7	7	DNA	2
Virus	Mirafiore lettuce virus	7	5	RNA	NA
Virus	Miscanthus streak virus	5	2	DNA	3
Virus	Mobala virus	4	5	RNA	NA
Virus	Modoc virus	14	4	RNA	1
Virus	Mokola virus	5	5	RNA	NA
Virus	Molluscum contagiosum virus subtype 1	163	1	DNA	5
Virus	Moloney murine leukemia virus	14	6	RNA	2
Virus	Moloney murine sarcoma virus	8	6	RNA	2
Virus	Monkeypox virus Zaire-96-I-16	191	1	DNA	5
Virus	Montana myotis leukoencephalitis virus	14	4	RNA	1
Virus	Monve_proteome	1150	1	DNA	5
Virus	Mopeia Lassa reassortant 29	4	5	RNA	NA
Virus	Mopeia virus AN20410	4	5	RNA	NA
Virus	Morelia spilota papillomavirus 1	7	1	DNA	3
Virus	Morganella phage MmP1	49	1	DNA	4
Virus	Moroccan watermelon mosaic virus	12	4	RNA	1
Virus	Morogoro virus	4	5	RNA	NA
Virus	Mosquito densovirus BR/07	3	2	DNA	3
Virus	Mossman virus	8	5	RNA	NA
Virus	Moumou_proteome_aa	930	1	DNA	5
Virus	Mouse astrovirus M-52/USA/2008	2	4	RNA	1
Virus	Mouse kobuvirus M-5/USA/2010	1	4	RNA	1
Virus	Mouse mammary tumor virus	14	6	RNA	2
Virus	Mouse parvovirus 1	2	2	DNA	3
Virus	Mouse parvovirus 2	6	2	DNA	3
Virus	Mouse parvovirus 3	6	2	DNA	3
Virus	Mouse parvovirus 4a	6	2	DNA	3
Virus	Mouse parvovirus 5a	6	2	DNA	3
Virus	Mud crab dicistrovirus	2	4	RNA	1

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Mulard duck circovirus	2	2	DNA	3
Virus	Mumps virus	8	5	RNA	NA
Virus	Mungbean yellow mosaic India virus	9	2	DNA	3
Virus	Mungbean yellow mosaic virus	10	2	DNA	3
Virus	Munia coronavirus HKU13-3514	9	4	RNA	NA
Virus	Murid herpesvirus 1	161	1	DNA	NA
Virus	Murid herpesvirus 2	167	1	DNA	NA
Virus	Murid herpesvirus 4	74	1	DNA	NA
Virus	Murine adenovirus 2	27	1	DNA	NA
Virus	Murine adenovirus 3	28	1	DNA	NA
Virus	Murine adenovirus A	55	1	DNA	NA
Virus	Murine astrovirus	3	4	RNA	1
Virus	Murine hepatitis virus strain A59	27	4	RNA	NA
Virus	Murine hepatitis virus strain JHM	27	4	RNA	NA
Virus	Murine norovirus 1	10	4	RNA	1
Virus	Murine osteosarcoma virus	5	6	RNA	2
Virus	Murine pneumotropic virus	5	1	DNA	3
Virus	Murine polyomavirus	6	1	DNA	3
Virus	Murine type C retrovirus	2	6	RNA	2
Virus	Murray Valley encephalitis virus	16	4	RNA	1
Virus	Mus musculus papillomavirus type 1	7	1	DNA	3
Virus	Musca domestica salivary gland hypertrophy virus	108	1	DNA	NA
Virus	Muscovy duck circovirus	4	2	DNA	3
Virus	Muscovy duck parvovirus	4	2	DNA	3
Virus	Mushroom bacilliform virus	4	4	RNA	1
Virus	MW polyomavirus	5	1	DNA	3
Virus	Mycobacterium phage 244	142	1	DNA	4
Virus	Mycobacterium phage Adjutor	86	1	DNA	4
Virus	Mycobacterium phage Angel	61	1	DNA	4
Virus	Mycobacterium phage Angelica	94	1	DNA	4
Virus	Mycobacterium phage Ardmore	87	1	DNA	NA
Virus	Mycobacterium phage Barnyard	109	1	DNA	4
Virus	Mycobacterium phage Bethlehem	87	1	DNA	4
Virus	Mycobacterium phage Boomer	105	1	DNA	4
Virus	Mycobacterium phage BPs	63	1	DNA	4
Virus	Mycobacterium phage Brujita	74	1	DNA	4
Virus	Mycobacterium phage Butterscotch	86	1	DNA	4
Virus	Mycobacterium phage Bxb1	86	1	DNA	4
Virus	Mycobacterium phage Bxz1	225	1	DNA	4
Virus	Mycobacterium phage Bxz2	86	1	DNA	4
Virus	Mycobacterium phage Cali	222	1	DNA	4
Virus	Mycobacterium phage Catera	218	1	DNA	4
Virus	Mycobacterium phage Chah	104	1	DNA	4
Virus	Mycobacterium phage Che12	98	1	DNA	4
Virus	Mycobacterium phage Che8	112	1	DNA	4
Virus	Mycobacterium phage Che9c	84	1	DNA	4
Virus	Mycobacterium phage Che9d	111	1	DNA	4
Virus	Mycobacterium phage Cjw1	141	1	DNA	4
Virus	Mycobacterium phage Cooper	99	1	DNA	4
Virus	Mycobacterium phage Corndog	122	1	DNA	4
Virus	Mycobacterium phage CrimD	95	1	DNA	4
Virus	Mycobacterium phage D29	79	1	DNA	4
Virus	Mycobacterium phage DD5	87	1	DNA	4
Virus	Mycobacterium phage ET08	218	1	DNA	4
Virus	Mycobacterium phage Faith1	129	1	DNA	4
Virus	Mycobacterium phage Fruitloop	102	1	DNA	4
Virus	Mycobacterium phage Giles	78	1	DNA	4
Virus	Mycobacterium phage Gumball	88	1	DNA	4
Virus	Mycobacterium phage Halo	65	1	DNA	4
Virus	Mycobacterium phage Jasper	94	1	DNA	4
Virus	Mycobacterium phage KBG	89	1	DNA	4
Virus	Mycobacterium phage Konstantine	95	1	DNA	4
Virus	Mycobacterium phage Kostya	143	1	DNA	4
Virus	Mycobacterium phage L5	85	1	DNA	4
Virus	Mycobacterium phage LeBron	123	1	DNA	4
Virus	Mycobacterium phage Llij	100	1	DNA	4
Virus	Mycobacterium phage Lockley	90	1	DNA	4
Virus	Mycobacterium phage Myrna	229	1	DNA	4
Virus	Mycobacterium phage Nigel	94	1	DNA	4
Virus	Mycobacterium phage Omega	237	1	DNA	4
Virus	Mycobacterium phage Orion	100	1	DNA	4
Virus	Mycobacterium phage Pacc40	101	1	DNA	4
Virus	Mycobacterium phage PBI1	81	1	DNA	4
Virus	Mycobacterium phage Peaches	86	1	DNA	4
Virus	Mycobacterium phage PG1	100	1	DNA	4
Virus	Mycobacterium phage Phaedrus	98	1	DNA	4
Virus	Mycobacterium phage Phlyer	105	1	DNA	4
Virus	Mycobacterium phage Pipefish	102	1	DNA	4
Virus	Mycobacterium phage PLOt	89	1	DNA	4
Virus	Mycobacterium phage PMC	104	1	DNA	4

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Mycobacterium phage Porky	147	1	DNA	4
Virus	Mycobacterium phage Predator	92	1	DNA	4
Virus	Mycobacterium phage Pukovnik	88	1	DNA	4
Virus	Mycobacterium phage Qyrzula	81	1	DNA	4
Virus	Mycobacterium phage Ramsey	108	1	DNA	4
Virus	Mycobacterium phage Rizal	220	1	DNA	4
Virus	Mycobacterium phage Rosebush	90	1	DNA	4
Virus	Mycobacterium phage ScottMcG	221	1	DNA	4
Virus	Mycobacterium phage Solon	86	1	DNA	4
Virus	Mycobacterium phage Spud	222	1	DNA	4
Virus	Mycobacterium phage SWU1	94	1	DNA	4
Virus	Mycobacterium phage TM4	89	1	DNA	4
Virus	Mycobacterium phage Troll4	84	1	DNA	4
Virus	Mycobacterium phage Tweety	109	1	DNA	4
Virus	Mycobacterium phage U2	81	1	DNA	4
Virus	Mycobacterium phage Wee	108	1	DNA	4
Virus	Mycobacterium phage Wildcat	148	1	DNA	4
Virus	Mycoplasma phage MAV1	15	1	DNA	NA
Virus	Mycoplasma phage P1	11	1	DNA	4
Virus	Mycoplasma phage phiMFV1	15	NA	DNA	NA
Virus	Mycoreovirus 1	11	3	RNA	NA
Virus	Mycoreovirus 3	12	3	RNA	NA
Virus	Mycovirus FusoV	2	3	RNA	1
Virus	Myotis polyomavirus VM-2008	6	1	DNA	3
Virus	Mythimna loreyi densovirus	7	2	DNA	3
Virus	Myxococcus phage Mx8	86	1	DNA	4
Virus	Myxoma virus	170	1	DNA	5
Virus	Myzus persicae densovirus	5	2	DNA	3
Virus	Nam Dinh virus	6	4	RNA	NA
Virus	Nanovirus-like particle	1	2	DNA	NA
Virus	Narcissus common latent virus	6	4	RNA	1
Virus	Narcissus degeneration virus	12	4	RNA	1
Virus	Narcissus mosaic virus	6	4	RNA	1
Virus	Narcissus symptomless virus	6	4	RNA	1
Virus	Narcissus yellow stripe virus	12	4	RNA	1
Virus	Nariva virus	8	5	RNA	NA
Virus	Natrialba phage PhiCh1	98	1	DNA	4
Virus	Ndumu virus	4	4	RNA	1
Virus	Nemesia ring necrosis virus	3	4	RNA	1
Virus	Neodiprion abietis NPV	93	1	DNA	NA
Virus	Neodiprion lecontei NPV	89	1	DNA	NA
Virus	Neodiprion sertifer NPV	90	1	DNA	NA
Virus	Nerine virus X	5	4	RNA	1
Virus	Newbury agent 1	4	4	RNA	1
Virus	Newcastle disease virus B1	6	5	RNA	NA
Virus	Ngainingan virus	15	5	RNA	NA
Virus	Night-heron coronavirus HKU19	8	4	RNA	NA
Virus	Nilaparvata lugens reovirus	11	3	RNA	NA
Virus	Nipah virus	8	5	RNA	NA
Virus	Nocardia phage NBR1	68	1	DNA	4
Virus	Nodamura virus	5	4	RNA	1
Virus	Nootka lupine vein clearing virus	5	4	RNA	1
Virus	Nora virus	7	4	RNA	NA
Virus	Northern cereal mosaic virus	9	5	RNA	NA
Virus	Norwalk virus	9	4	RNA	1
Virus	Ntaya virus	1	4	RNA	1
Virus	Nudaurelia capensis beta virus	2	4	RNA	1
Virus	Nyamanini virus	6	5	RNA	NA
Virus	O'nyong-nyong virus	13	4	RNA	1
Virus	oat blue dwarf virus	3	4	RNA	1
Virus	Oat blue dwarf virus	2	4	RNA	1
Virus	Oat chlorotic stunt virus	4	4	RNA	1
Virus	Oat dwarf virus	4	2	DNA	3
Virus	Oat golden stripe virus	6	4	RNA	1
Virus	Oat mosaic virus	13	4	RNA	1
Virus	Oat necrotic mottle virus	12	4	RNA	1
Virus	Obodhiang virus	9	5	RNA	NA
Virus	Obuda pepper virus	4	4	RNA	1
Virus	Odontoglossum ringspot virus	5	4	RNA	1
Virus	Okra leaf curl alphasatellite	1	2	DNA	NA
Virus	Okra leaf curl Cameroon virus	6	2	DNA	3
Virus	Okra leaf curl Mali virus satellite DNA beta	1	2	DNA	3
Virus	Okra leaf curl virus	6	2	DNA	3
Virus	Okra leaf curl virus satellite DNA beta	1	NA	NA	NA
Virus	Okra mosaic virus	3	4	RNA	1
Virus	Okra mottle virus	6	2	DNA	3
Virus	Okra yellow crinkle virus	6	2	DNA	3
Virus	Okra yellow mosaic Mexico virus	7	2	DNA	3
Virus	Okra yellow vein disease associated sequence	1	2	DNA	NA
Virus	Okra yellow vein mosaic virus	6	2	DNA	3

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Olive latent virus 1	5	4	RNA	1
Virus	Olive latent virus 2	4	4	RNA	1
Virus	Olive latent virus 3	4	4	RNA	1
Virus	Olive mild mosaic virus	6	4	RNA	1
Virus	Oliveros virus	4	5	RNA	NA
Virus	Omikronpapillomavirus 1	8	1	DNA	3
Virus	Omsk hemorrhagic fever virus	1	4	RNA	1
Virus	Onion yellow dwarf virus	12	4	RNA	1
Virus	Ononis yellow mosaic virus	3	4	RNA	1
Virus	Operophtera brumata reovirus	10	3	RNA	NA
Virus	Ophiostoma mitovirus 3a	1	4	RNA	1
Virus	Ophiostoma mitovirus 4	1	4	RNA	1
Virus	Ophiostoma mitovirus 5	1	4	RNA	1
Virus	Ophiostoma mitovirus 6	1	4	RNA	1
Virus	Opuntia virus X	5	4	RNA	1
Virus	Orangutan polyomavirus	5	1	DNA	3
Virus	Orchid fleck virus	6	5	RNA	NA
Virus	Orf virus	130	1	DNA	5
Virus	Organic Lake phycodnavirus isolate OLPV-scf718000030512	48	1	DNA	5
Virus	Organic Lake phycodnavirus isolate OLPV-scf718000030567	31	1	DNA	5
Virus	Organic Lake phycodnavirus isolate OLPV-scf718000031019	26	1	DNA	5
Virus	Organic Lake phycodnavirus isolate OLPV-scf718000031023	38	1	DNA	5
Virus	Organic Lake phycodnavirus isolate OLPV-scf718000031026	38	1	DNA	5
Virus	Organic_Lake_phycodnavirus_1	401	1	DNA	5
Virus	Organic_Lake_phycodnavirus_2	326	1	DNA	5
Virus	Organic_Lake_virophage	24	1	DNA	Unconsidered
Virus	Orgyia leucostigma NPV	135	1	DNA	NA
Virus	Orgyia pseudotsugata MNPV	152	1	DNA	NA
Virus	Ornithogalum mosaic virus	11	4	RNA	1
Virus	Oropouche virus	4	5	RNA	NA
Virus	Oryctes rhinoceros virus	139	1	DNA	NA
Virus	Oryza rufipogon endornavirus	1	3	RNA	NA
Virus	Oryza sativa endornavirus	1	3	RNA	NA
Virus	Ostreid herpesvirus 1	127	1	DNA	NA
Virus	Ostreococcus lucimarinus virus OIV1	250	1	DNA	5
Virus	Ostreococcus tauri virus 1	230	1	DNA	5
Virus	Ostreococcus tauri virus 2	237	1	DNA	5
Virus	Ostreococcus virus OsV5	264	1	DNA	5
Virus	Ourmia melon virus	3	4	RNA	1
Virus	Ovine adenovirus A	41	1	DNA	NA
Virus	Ovine adenovirus D	32	1	DNA	NA
Virus	Ovine enzootic nasal tumour virus	6	6	RNA	NA
Virus	Ovine herpesvirus 2	73	1	DNA	NA
Virus	Ovine lentivirus	8	6	RNA	2
Virus	Ovine papillomavirus - 1	5	1	DNA	3
Virus	Oyster mushroom spherical virus	7	4	RNA	NA
Virus	Palyam virus	11	3	RNA	NA
Virus	Panax virus Y	12	4	RNA	1
Virus	Panicum mosaic satellite virus	2	NA	RNA	NA
Virus	Panicum mosaic virus	6	4	RNA	1
Virus	Panicum streak virus	4	2	DNA	3
Virus	Panine herpesvirus 2	169	1	DNA	NA
Virus	Pantoea phage LIMEzero	57	1	DNA	4
Virus	Papaya leaf curl China virus	6	2	DNA	3
Virus	Papaya leaf curl China virus satellite DNA beta	1	2	DNA	3
Virus	Papaya leaf curl Guandong virus	6	2	DNA	3
Virus	Papaya leaf curl virus	7	2	DNA	3
Virus	Papaya leaf curl virus-associated DNA beta	1	2	DNA	3
Virus	Papaya leaf distortion mosaic virus	12	4	RNA	1
Virus	Papaya lethal yellowing virus	4	4	RNA	NA
Virus	Papaya mosaic virus	5	4	RNA	1
Virus	Papaya ringspot virus	12	4	RNA	1
Virus	Papiine herpesvirus 2	75	1	DNA	NA
Virus	Papilio polyxenes densovirus	3	2	DNA	3
Virus	Papio hamadryas papillomavirus type 1	8	1	DNA	3
Virus	Paprika mild mottle virus	4	4	RNA	1
Virus	Parainfluenza virus 5	8	5	RNA	NA
Virus	Paralichthys olivaceus birnavirus	3	3	RNA	NA
Virus	Paramecium bursaria Chlorella virus 1	802	1	DNA	5
Virus	Paramecium bursaria Chlorella virus AR158	814	1	DNA	5
Virus	Paramecium bursaria Chlorella virus FR483	849	1	DNA	5
Virus	Paramecium bursaria Chlorella virus NY2A	886	1	DNA	5
Virus	Parana virus	4	5	RNA	NA
Virus	Pariacato virus	5	4	RNA	1
Virus	Parietaria mottle virus	5	4	RNA	1
Virus	Parrot hepatitis B virus	5	7	DNA	2
Virus	Parsnip yellow fleck virus	8	4	RNA	1
Virus	Parvovirus H1	3	2	DNA	3
Virus	Paspalum dilatatum striate mosaic virus	4	2	DNA	3
Virus	Paspalum striate mosaic virus	4	2	DNA	3

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Passiflora latent carlavirus	6	4	RNA	1
Virus	Passion fruit mosaic virus	4	4	RNA	1
Virus	Passion fruit woodiness virus	12	4	RNA	1
Virus	Passionfruit severe leaf distortion virus	7	2	DNA	3
Virus	Pasteurella phage F108	44	1	DNA	4
Virus	Patchouli mild mosaic virus	10	4	RNA	1
Virus	Pea early-browning virus	7	4	RNA	1
Virus	Pea enation mosaic virus-1	5	4	RNA	1
Virus	Pea enation mosaic virus-2	4	4	RNA	1
Virus	Pea seed-borne mosaic virus	12	4	RNA	1
Virus	Pea stem necrosis virus	5	4	RNA	1
Virus	Peach chlorotic mottle virus	5	4	RNA	1
Virus	Peach mosaic virus	4	4	RNA	1
Virus	Peanut chlorotic streak virus	4	7	DNA	2
Virus	Peanut clump virus	8	4	RNA	1
Virus	Peanut mottle virus	12	4	RNA	1
Virus	Peanut stunt virus	5	4	RNA	1
Virus	Pear latent virus	5	4	RNA	1
Virus	Pectobacterium phage My1	149	1	DNA	4
Virus	Pedilanthus leaf curl virus	6	2	DNA	3
Virus	Pediococcus phage cIP1	57	1	DNA	4
Virus	Pelargonium chlorotic ring pattern virus	6	4	RNA	1
Virus	Pelargonium flower break virus	6	4	RNA	1
Virus	Pelargonium line pattern virus	7	4	RNA	1
Virus	Pelargonium necrotic spot virus	5	4	RNA	1
Virus	Pelargonium vein banding virus	3	7	DNA	2
Virus	Pelargonium zonate spot virus	4	4	RNA	1
Virus	Penaeid shrimp infectious myonecrosis virus	2	3	RNA	NA
Virus	Penaeus merguensis densovirus	3	2	DNA	3
Virus	Penaeus monodon hepatopancreatic parvovirus	3	2	DNA	3
Virus	Penaeus vannamei nodavirus	3	4	RNA	NA
Virus	Penicillium chrysogenum virus	4	3	RNA	NA
Virus	Penicillium stoloniferum virus F	2	3	RNA	1
Virus	Penicillium stoloniferum virus S	2	3	RNA	1
Virus	Pennisetum mosaic virus	12	4	RNA	1
Virus	Pepino mosaic virus	5	4	RNA	1
Virus	Pepper curly top virus	7	2	DNA	3
Virus	Pepper golden mosaic virus	6	2	DNA	3
Virus	Pepper huasteco yellow vein virus	7	2	DNA	3
Virus	Pepper leaf curl Bangladesh virus	6	2	DNA	3
Virus	Pepper leaf curl virus	6	2	DNA	3
Virus	Pepper leaf curl virus satellite DNA beta	1	2	DNA	3
Virus	Pepper leaf curl Yunnan virus satellite DNA beta	1	2	DNA	3
Virus	Pepper mild mottle virus	4	4	RNA	1
Virus	Pepper mottle virus	12	4	RNA	1
Virus	Pepper ringspot virus	5	4	RNA	1
Virus	Pepper severe mosaic virus	12	4	RNA	1
Virus	Pepper vein yellows virus	6	4	RNA	1
Virus	Pepper veinal mottle virus	12	4	RNA	1
Virus	Pepper yellow dwarf virus - New Mexico	7	2	DNA	3
Virus	Pepper yellow leaf curl Indonesia virus	7	2	DNA	3
Virus	Pepper yellow mosaic virus	12	4	RNA	1
Virus	Pepper yellow vein Mali virus	6	2	DNA	3
Virus	Perina nuda virus	1	4	RNA	1
Virus	Periplaneta fuliginosa densovirus	8	2	DNA	3
Virus	Peristrophe mosaic virus	2	2	DNA	3
Virus	Persea americana endornavirus	1	3	RNA	NA
Virus	Persicivirga phage P12024L	58	1	DNA	NA
Virus	Persicivirga phage P12024S	59	1	DNA	NA
Virus	Persimmon cryptic virus	2	3	RNA	1
Virus	Peru tomato mosaic virus	11	4	RNA	1
Virus	Peruvian horse sickness virus	11	3	RNA	NA
Virus	Peste-des-petits-ruminants virus	8	5	RNA	NA
Virus	Pestivirus Giraffe-1	14	4	RNA	1
Virus	Pestivirus strain Aydin/04-TR	1	4	RNA	1
Virus	Petunia vein clearing virus	1	7	DNA	2
Virus	Phage BP-4795	85	1	DNA	4
Virus	Phage cdtI	60	1	DNA	4
Virus	Phage Gifsy-1	58	NA	NA	NA
Virus	Phage Gifsy-2	55	NA	NA	NA
Virus	Phage MP22	51	1	DNA	4
Virus	Phage phiJL001	90	1	DNA	4
Virus	Phage phiSMA9	7	NA	DNA	NA
Virus	Phaius virus X	5	4	RNA	1
Virus	Phlebiopsis gigantea mycovirus dsRNA 1	2	3	RNA	NA
Virus	Phlox Virus B	6	4	RNA	1
Virus	Phlox virus S	6	4	RNA	1
Virus	Phocoena phocoena papillomavirus 1	6	1	DNA	3
Virus	Phocoena phocoena papillomavirus 2	6	1	DNA	3
Virus	Phocoena phocoena papillomavirus 4	6	1	DNA	3

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Phormidium phage Pf-WMP3	41	1	DNA	4
Virus	Phthorimaea operculella granulovirus	130	1	DNA	NA
Virus	Physalis mottle virus	3	4	RNA	1
Virus	Phytophthora endornavirus 1	1	3	RNA	NA
Virus	Phytophthora infestans RNA virus 1	3	4	RNA	NA
Virus	Pichinde virus	4	5	RNA	NA
Virus	Pieris rapae granulovirus	120	1	DNA	NA
Virus	Pig stool associated circular ssDNA virus GER2011	5	2	DNA	NA
Virus	Pigeon picornavirus B	13	4	RNA	1
Virus	Pineapple bacilliform comosus virus	3	7	DNA	2
Virus	Pineapple mealybug wilt-associated virus 1	7	4	RNA	1
Virus	Piritral virus	4	5	RNA	NA
Virus	Piscine myocarditis virus AL V-708	3	3	RNA	NA
Virus	Planaria asexual strain-specific virus-like element type 1	6	NA	NA	NA
Virus	Planktothrix phage PaV-LD	142	1	DNA	4
Virus	Planococcus citri densovirus	4	2	DNA	3
Virus	Plantago asiatica mosaic virus	5	4	RNA	1
Virus	Plantago mottle virus	3	4	RNA	1
Virus	Plautia stali intestine virus	2	4	RNA	1
Virus	Pleurotus ostreatus virus 1	2	3	RNA	1
Virus	Plum bark necrosis and stem pitting-associated virus	7	4	RNA	1
Virus	Plum pox virus	12	4	RNA	1
Virus	Plutella xylostella granulovirus	120	1	DNA	NA
Virus	Plutella xylostella multiple nucleopolyhedrovirus	152	1	DNA	NA
Virus	Pneumonia virus of mice J3666	12	5	RNA	NA
Virus	Poinsettia cryptic virus	4	4	RNA	1
Virus	Poinsettia mosaic virus	5	4	RNA	1
Virus	Pokeweed mosaic virus	1	4	RNA	1
Virus	Poliovirus	12	4	RNA	1
Virus	Polyomavirus HPyV6	5	1	DNA	3
Virus	Polyomavirus HPyV7	5	1	DNA	3
Virus	Poplar mosaic virus	6	4	RNA	1
Virus	Porcine adenovirus A	29	1	DNA	NA
Virus	Porcine adenovirus C	58	1	DNA	NA
Virus	Porcine associated stool circular virus	2	2	DNA	NA
Virus	Porcine bocavirus 3	4	2	DNA	3
Virus	Porcine bocavirus 4-1	4	2	DNA	3
Virus	Porcine bocavirus 5/JS677	4	2	DNA	3
Virus	Porcine circovirus 1	2	2	DNA	3
Virus	Porcine circovirus 2	3	2	DNA	3
Virus	Porcine circovirus type 1/2a	2	2	DNA	3
Virus	Porcine coronavirus HKU15	7	4	RNA	NA
Virus	Porcine enteric sapovirus	2	4	RNA	1
Virus	Porcine enterovirus B	12	4	RNA	1
Virus	Porcine epidemic diarrhea virus	19	4	RNA	NA
Virus	Porcine hemagglutinating encephalomyelitis virus	10	4	RNA	NA
Virus	Porcine kobuvirus SH-W-CHN/2010/China	1	4	RNA	1
Virus	Porcine kobuvirus swine/S-1-HUN/2007/Hungary	12	4	RNA	1
Virus	Porcine parvovirus	6	2	DNA	3
Virus	Porcine parvovirus 4	3	2	DNA	3
Virus	Porcine reproductive and respiratory syndrome virus	24	4	RNA	NA
Virus	Porcine rubulavirus	9	5	RNA	NA
Virus	Porcine sapelovirus 1	12	4	RNA	1
Virus	Porcine teschovirus	13	4	RNA	1
Virus	Potato apical leaf curl disease-associated satellite DNA beta	1	2	DNA	3
Virus	Potato aucuba mosaic virus	6	4	RNA	1
Virus	Potato latent virus	6	4	RNA	1
Virus	Potato leafroll virus	7	4	RNA	1
Virus	Potato mop-top virus	8	4	RNA	1
Virus	Potato virus A	12	4	RNA	1
Virus	Potato virus H	6	4	RNA	NA
Virus	Potato virus M	8	4	RNA	1
Virus	Potato Virus P	6	4	RNA	1
Virus	Potato virus S	7	4	RNA	1
Virus	Potato virus T	3	4	RNA	1
Virus	Potato virus V	12	4	RNA	1
Virus	Potato virus X	5	4	RNA	1
Virus	Potato virus Y	12	4	RNA	1
Virus	Potato yellow dwarf virus	7	5	RNA	NA
Virus	Potato yellow mosaic Panama virus	7	2	DNA	3
Virus	Potato yellow mosaic Trinidad virus	7	2	DNA	3
Virus	Potato yellow mosaic virus	6	2	DNA	3
Virus	Potato yellow vein virus	13	4	RNA	1
Virus	Pothos latent virus	5	4	RNA	1
Virus	Powassan virus	14	4	RNA	1
Virus	PreXMRV-1	2	6	RNA	2
Virus	Primula malacoides virus China/Mar2007	2	3	RNA	1
Virus	Prochlorococcus phage P-HM1	241	1	DNA	4
Virus	Prochlorococcus phage P-HM2	242	1	DNA	4
Virus	Prochlorococcus phage P-RSM4	239	1	DNA	4

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Prochlorococcus phage P-SSM2	334	1	DNA	4
Virus	Prochlorococcus phage P-SSM4	221	1	DNA	4
Virus	Prochlorococcus phage P-SSM7	237	1	DNA	4
Virus	Prochlorococcus phage P-SSP7	58	1	DNA	4
Virus	Prochlorococcus phage Syn1	234	1	DNA	NA
Virus	Prochlorococcus phage Syn33	227	1	DNA	NA
Virus	Procyon lotor papillomavirus 1	7	1	DNA	3
Virus	Propionibacterium phage ATCC29399B_C	46	1	DNA	4
Virus	Propionibacterium phage ATCC29399B_T	46	1	DNA	4
Virus	Propionibacterium phage B5	10	2	DNA	NA
Virus	Propionibacterium phage P1.1	45	1	DNA	4
Virus	Propionibacterium phage P100_1	47	1	DNA	4
Virus	Propionibacterium phage P100_A	45	1	DNA	4
Virus	Propionibacterium phage P100D	47	1	DNA	4
Virus	Propionibacterium phage P101A	47	1	DNA	4
Virus	Propionibacterium phage P104A	45	1	DNA	4
Virus	Propionibacterium phage P105	45	1	DNA	4
Virus	Propionibacterium phage P14.4	47	1	DNA	4
Virus	Propionibacterium phage P9.1	45	1	DNA	4
Virus	Propionibacterium phage PA6	48	1	DNA	4
Virus	Propionibacterium phage PAD20	45	1	DNA	4
Virus	Propionibacterium phage PAS50	46	1	DNA	4
Virus	Providence virus	4	4	RNA	1
Virus	Providencia phage Redjac	41	1	DNA	NA
Virus	Prune dwarf virus	4	4	RNA	1
Virus	Prunus necrotic ringspot virus	4	4	RNA	1
Virus	Pseudaletia unipuncta granulovirus	183	1	DNA	NA
Virus	Pseudoalteromonas phage H105/1	52	1	DNA	4
Virus	Pseudoalteromonas phage PM2	22	1	DNA	NA
Virus	Pseudocowpox virus	134	1	DNA	5
Virus	Pseudomonas phage 119X	53	1	DNA	4
Virus	Pseudomonas phage 14-1	90	1	DNA	4
Virus	Pseudomonas phage 201phi2-1	461	1	DNA	4
Virus	Pseudomonas phage 73	52	1	DNA	4
Virus	Pseudomonas phage B3	59	1	DNA	4
Virus	Pseudomonas phage Bf7	46	1	DNA	4
Virus	Pseudomonas phage D3	95	1	DNA	4
Virus	Pseudomonas phage D3112	55	1	DNA	4
Virus	Pseudomonas phage DMS3	52	1	DNA	4
Virus	Pseudomonas phage EL	201	1	DNA	4
Virus	Pseudomonas phage F10	63	1	DNA	4
Virus	Pseudomonas phage F116	70	1	DNA	4
Virus	Pseudomonas phage F8	91	1	DNA	4
Virus	Pseudomonas phage gh-1	42	1	DNA	4
Virus	Pseudomonas phage KPP10	146	1	DNA	4
Virus	Pseudomonas phage LBL3	88	1	DNA	4
Virus	Pseudomonas phage LIT1	90	1	DNA	4
Virus	Pseudomonas phage LKD16	53	1	DNA	4
Virus	Pseudomonas phage LMA2	94	1	DNA	4
Virus	Pseudomonas phage Lu11	391	1	DNA	4
Virus	Pseudomonas phage LUZ19	54	1	DNA	4
Virus	Pseudomonas phage LUZ24	68	1	DNA	4
Virus	Pseudomonas phage LUZ7	115	1	DNA	4
Virus	Pseudomonas phage M6	85	1	DNA	4
Virus	Pseudomonas phage MP1412	77	1	DNA	4
Virus	Pseudomonas phage MP29	51	1	DNA	4
Virus	Pseudomonas phage MP38	51	1	DNA	4
Virus	Pseudomonas phage MP42	53	1	DNA	4
Virus	Pseudomonas phage OBP	309	1	DNA	4
Virus	Pseudomonas phage PA11	70	1	DNA	NA
Virus	Pseudomonas phage PAJU2	79	1	DNA	4
Virus	Pseudomonas phage PAK_P1	158	1	DNA	4
Virus	Pseudomonas phage PaP2	58	1	DNA	4
Virus	Pseudomonas phage PaP3	71	1	DNA	4
Virus	Pseudomonas phage PB1	93	1	DNA	4
Virus	Pseudomonas phage Pf1	15	2	DNA	NA
Virus	Pseudomonas phage Pf3	9	2	DNA	NA
Virus	Pseudomonas phage phi-2	43	1	DNA	4
Virus	Pseudomonas phage phi12	15	3	RNA	NA
Virus	Pseudomonas phage phi13	13	3	RNA	NA
Virus	Pseudomonas phage phi15	50	1	DNA	4
Virus	Pseudomonas phage phi2954	14	3	RNA	NA
Virus	Pseudomonas phage phi297	69	1	DNA	4
Virus	Pseudomonas phage phi6	13	3	RNA	NA
Virus	Pseudomonas phage phi8	19	3	RNA	NA
Virus	Pseudomonas phage phiCTX	47	1	DNA	4
Virus	Pseudomonas phage phiIBB-PF7A	52	1	DNA	4
Virus	Pseudomonas phage phiKF77	53	1	DNA	4
Virus	Pseudomonas phage phiKMV	49	1	DNA	4
Virus	Pseudomonas phage phiKZ	306	1	DNA	4

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Pseudomonas phage PP7	4	4	RNA	1
Virus	Pseudomonas phage PRR1	4	4	RNA	1
Virus	Pseudomonas phage PT2	54	1	DNA	4
Virus	Pseudomonas phage PT5	52	1	DNA	4
Virus	Pseudomonas phage SN	92	1	DNA	4
Virus	Pseudomonas phage tf	72	1	DNA	4
Virus	Pseudomonas phage UFV-P2	41	1	DNA	4
Virus	Pseudomonas phage vB_Pae-Kakheti25	58	1	DNA	4
Virus	Pseudomonas phage vB_Pae-TbilisiM32	51	1	DNA	4
Virus	Pseudomonas phage vB_PaeS_PMG1	96	1	DNA	4
Virus	Pseudomonas phage YuA	77	1	DNA	4
Virus	Psittacid herpesvirus 1	77	1	DNA	NA
Virus	Pumpkin yellow mosaic Malaysia virus	6	2	DNA	3
Virus	Puumala virus	3	5	RNA	NA
Virus	Pyrobaculum spherical virus	48	1	DNA	NA
Virus	Pyrococcus abyssi virus 1	25	1	DNA	NA
Virus	Quail picornavirus QPV1/HUN/2010	1	4	RNA	1
Virus	Quang Binh virus	3	4	RNA	1
Virus	Rabbit calicivirus Australia 1 MIC-07	2	4	RNA	1
Virus	Rabbit coronavirus HKU14	11	4	RNA	NA
Virus	Rabbit fibroma virus	165	1	DNA	5
Virus	Rabbit hemorrhagic disease virus	10	4	RNA	1
Virus	Rabbit vesivirus	3	4	RNA	1
Virus	Rabies virus	5	5	RNA	NA
Virus	Rachiplusia ou MNPV	149	1	DNA	NA
Virus	Radish leaf curl betasatellite	1	2	DNA	NA
Virus	Radish leaf curl virus	7	2	DNA	3
Virus	Radish mosaic virus	2	4	RNA	1
Virus	Ralstonia phage p12J	9	2	DNA	NA
Virus	Ralstonia phage PE226	9	2	DNA	NA
Virus	Ralstonia phage phiRSA1	51	1	DNA	4
Virus	Ralstonia phage RSB1	47	1	DNA	4
Virus	Ralstonia phage RSL1	343	1	DNA	4
Virus	Ralstonia phage RSM1	15	2	DNA	NA
Virus	Ralstonia phage RSM3	14	2	DNA	NA
Virus	Ralstonia phage RSS1	12	2	DNA	NA
Virus	Ramie mosaic virus	8	2	DNA	3
Virus	Ranid herpesvirus 1	132	1	DNA	NA
Virus	Ranid herpesvirus 2	147	1	DNA	NA
Virus	Raphanus sativus cryptic virus 1	2	3	RNA	1
Virus	Raphanus sativus cryptic virus 2	3	3	RNA	1
Virus	Raphanus sativus cryptic virus 3	2	3	RNA	1
Virus	Raptor adenovirus A	23	1	DNA	NA
Virus	Raspberry bushy dwarf virus	3	4	RNA	1
Virus	Raspberry latent virus	12	3	RNA	NA
Virus	Raspberry leaf mottle virus	10	4	RNA	1
Virus	Raspberry ringspot virus	4	4	RNA	1
Virus	Rat coronavirus Parker	10	4	RNA	NA
Virus	Rattail cactus necrosis associated virus	4	4	RNA	1
Virus	Rattus norvegicus papillomavirus 1 EES-2009	6	1	DNA	3
Virus	Rauscher murine leukemia virus	3	6	RNA	2
Virus	Raven circovirus	2	2	DNA	3
Virus	RD114 retrovirus	2	6	RNA	2
Virus	Red clover mottle virus	10	4	RNA	1
Virus	Red clover necrotic mosaic virus	4	4	RNA	1
Virus	Red clover vein mosaic virus	6	4	RNA	1
Virus	Redspotted grouper nervous necrosis virus	3	4	RNA	1
Virus	Rehmannia mosaic virus	4	4	RNA	1
Virus	Respiratory syncytial virus	10	5	RNA	NA
Virus	Reston ebolavirus	8	5	RNA	NA
Virus	Reticuloendotheliosis virus	3	6	RNA	2
Virus	Rhizobium phage 16-3	110	1	DNA	4
Virus	Rhizoctonia solani virus 717	2	3	RNA	1
Virus	Rhizosolenia setigera RNA virus 01	2	4	RNA	1
Virus	Rhodobacter phage RcapMu	58	1	DNA	4
Virus	Rhodococcus phage REQ1	85	1	DNA	4
Virus	Rhodococcus phage REQ2	82	1	DNA	4
Virus	Rhodococcus phage REQ3	60	NA	NA	NA
Virus	Rhodococcus phage RER2	66	1	DNA	4
Virus	Rhodococcus phage RGL3	66	1	DNA	4
Virus	Rhodococcus phage RRH1	20	1	DNA	4
Virus	Rhododendron virus A	2	3	RNA	NA
Virus	Rhodothermus phage RM378	146	1	DNA	4
Virus	Rhopalosiphum padi virus	2	4	RNA	1
Virus	Rhynchosai mild mosaic virus	6	2	DNA	3
Virus	Rhynchosia golden mosaic virus	7	2	DNA	3
Virus	Rhynchosia golden mosaic Yucatan virus	6	2	DNA	3
Virus	Rhynchosia yellow mosaic India virus	8	2	DNA	3
Virus	Ribgrass mosaic virus	4	4	RNA	1
Virus	Rice black streaked dwarf virus	13	3	RNA	NA

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Rice dwarf virus	13	3	RNA	NA
Virus	Rice gall dwarf virus	12	3	RNA	NA
Virus	Rice grassy stunt virus	12	5	RNA	NA
Virus	Rice ragged stunt virus	13	3	RNA	NA
Virus	Rice stripe virus	7	4	RNA	1
Virus	Rice tungro bacilliform virus	4	7	DNA	2
Virus	Rice tungro spherical virus	8	4	RNA	1
Virus	Rice yellow mottle virus	7	4	RNA	1
Virus	Rice yellow stunt virus	7	5	RNA	NA
Virus	Rift Valley fever virus	4	5	RNA	NA
Virus	Rinderpest virus (strain Kabete O)	7	5	RNA	NA
Virus	Rio Bravo virus	14	4	RNA	1
Virus	Rodent herpesvirus Peru	82	1	DNA	NA
Virus	Rose cryptic virus 1	3	3	RNA	1
Virus	Rose rosette virus	4	4	RNA	1
Virus	Rose spring dwarf-associated virus	8	4	RNA	1
Virus	Rose yellow mosaic virus	10	4	RNA	1
Virus	Rosellinia necatrix megabirnavirus 1/W779	4	NA	RNA	NA
Virus	Rosellinia necatrix partitivirus 1-W8	2	3	RNA	1
Virus	Rosellinia necatrix quadrivirus 1	4	3	RNA	NA
Virus	Roseobacter phage RDJL Phi 1	87	1	DNA	4
Virus	Roseobacter phage SIO1	34	1	DNA	4
Virus	Roseophage DSS3P2	81	1	DNA	NA
Virus	Roseophage EE36P1	79	1	DNA	NA
Virus	Ross River virus	13	4	RNA	1
Virus	Ross's goose hepatitis B virus	3	7	DNA	2
Virus	Rotavirus A	12	3	RNA	NA
Virus	Rotavirus C	11	3	RNA	NA
Virus	Rotavirus D chicken/05V0049/DEU/2005	12	3	RNA	NA
Virus	Rous sarcoma virus	14	6	RNA	2
Virus	Rousettus aegyptiacus papillomavirus type 1	7	1	DNA	3
Virus	Rousettus bat coronavirus HKU10	9	4	RNA	NA
Virus	Rubella virus	7	4	RNA	1
Virus	Rubus canadensis virus 1	5	4	RNA	NA
Virus	Rubus chlorotic mottle virus	4	4	RNA	NA
Virus	Rudbeckia flower distortion virus	7	7	DNA	2
Virus	Rupestris stem pitting-associated virus	5	4	RNA	NA
Virus	Ryegrass mosaic virus	12	4	RNA	1
Virus	Ryegrass mottle virus	7	4	RNA	1
Virus	Sabia virus	4	5	RNA	NA
Virus	Sacbrood virus	1	4	RNA	1
Virus	Saccharomyces 20S RNA narnavirus	1	4	RNA	1
Virus	Saccharomyces 23S RNA narnavirus	1	4	RNA	1
Virus	Saccharomyces cerevisiae killer virus M1	1	3	RNA	NA
Virus	Saccharomyces cerevisiae virus L-A	3	3	RNA	NA
Virus	Saccharomyces cerevisiae virus L-BC (La)	2	3	RNA	NA
Virus	Saccharum streak virus	3	2	DNA	3
Virus	Saffold virus	13	4	RNA	1
Virus	Saguaro cactus virus	8	4	RNA	1
Virus	Saimiriine herpesvirus 1	70	1	DNA	NA
Virus	Saimiriine herpesvirus 2	76	1	DNA	NA
Virus	Saimiriine herpesvirus 3	142	1	DNA	NA
Virus	Salisaeta icosahedral phage 1	57	1	DNA	NA
Virus	Salivirus NG-J1	12	4	RNA	1
Virus	Salmon pancreas disease virus	13	4	RNA	1
Virus	Salmonella enterica bacteriophage SE1	67	1	DNA	4
Virus	Salmonella phage 7-11	151	1	DNA	4
Virus	Salmonella phage c341	68	1	DNA	NA
Virus	Salmonella phage E1	51	1	DNA	NA
Virus	Salmonella phage epsilon34	73	1	DNA	4
Virus	Salmonella phage Felix01	131	1	DNA	4
Virus	Salmonella phage Fels-1	52	NA	NA	NA
Virus	Salmonella phage Fels-2	47	1	DNA	4
Virus	Salmonella phage phiSG-JL2	55	1	DNA	4
Virus	Salmonella phage PVP-SE1	244	1	DNA	4
Virus	Salmonella phage SE2	61	1	DNA	4
Virus	Salmonella phage SETP3	53	1	DNA	4
Virus	Salmonella phage SFP10	201	1	DNA	4
Virus	Salmonella phage SPN19	72	1	DNA	4
Virus	Salmonella phage SPN1S	52	1	DNA	4
Virus	Salmonella phage SPN9CC	62	1	DNA	4
Virus	Salmonella phage SS3e	58	1	DNA	4
Virus	Salmonella phage SSU5	130	1	DNA	4
Virus	Salmonella phage ST160	63	1	DNA	4
Virus	Salmonella phage ST64B	56	1	DNA	NA
Virus	Salmonella phage vB_SemP_Emek	70	1	DNA	4
Virus	Salmonella phage vB_SosS_Oslo	79	1	DNA	4
Virus	Salmonella phage Vi01	208	1	DNA	4
Virus	Salmonella phage Vi06	47	1	DNA	4
Virus	Sandfly fever Naples virus	4	5	RNA	NA

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Sandfly fever Turkey virus	4	5	RNA	NA
Virus	Santeuil nodavirus	3	4	RNA	1
Virus	Sapovirus C12	3	4	RNA	1
Virus	Sapovirus Hu/Dresden/pJG-Sap01/DE	3	4	RNA	1
Virus	Sapovirus Mc10	3	4	RNA	1
Virus	SARS coronavirus	30	4	RNA	NA
Virus	Satellite virus of maize white line mosaic virus	1	NA	NA	NA
Virus	Sathuperi virus	4	5	RNA	NA
Virus	Satsuma dwarf virus	8	4	RNA	1
Virus	Scallion mosaic virus	12	4	RNA	1
Virus	Scallion virus X	5	4	RNA	1
Virus	Schizochytrium single-stranded RNA virus	2	4	RNA	1
Virus	Schlumbergera virus X	5	4	RNA	1
Virus	Sclerophthora macrospora virus A	3	4	RNA	NA
Virus	Sclerophthora macrospora virus B	2	4	RNA	NA
Virus	Sclerotinia sclerotiorum debilitation-associated RNA virus	1	4	RNA	1
Virus	Sclerotinia sclerotiorum dsRNA mycovirus-L	2	3	RNA	NA
Virus	Sclerotinia sclerotiorum hypovirulence associated DNA virus 1	2	2	DNA	NA
Virus	Sclerotinia sclerotiorum hypovirus 1	1	3	RNA	NA
Virus	Sclerotinia sclerotiorum partitivirus S	2	3	RNA	1
Virus	Scotophilus bat coronavirus 512	6	4	RNA	NA
Virus	Scrophularia mottle virus	3	4	RNA	1
Virus	Sea turtle tornovirus 1	3	2	DNA	NA
Virus	Seal anellovirus TFFN/USA/2006	3	2	DNA	NA
Virus	Seal picornavirus type 1	12	4	RNA	1
Virus	Semliki forest virus	14	4	RNA	1
Virus	Sendai virus	10	5	RNA	NA
Virus	Seneca valley virus	1	4	RNA	1
Virus	Senecio yellow mosaic virus	6	2	DNA	3
Virus	Seoul virus	3	5	RNA	NA
Virus	Sepik virus	1	4	RNA	1
Virus	Sesbania mosaic virus	8	4	RNA	1
Virus	SFTS virus HB29	6	5	RNA	NA
Virus	Shallot virus X	6	4	RNA	1
Virus	Shallot yellow stripe virus	13	4	RNA	1
Virus	Shamonda virus	4	5	RNA	NA
Virus	Sheeppox virus	148	1	DNA	5
Virus	Sheldgoose hepatitis B virus	5	7	DNA	2
Virus	Shigella phage EP23	57	1	DNA	4
Virus	Shigella phage phiSboM-AG3	216	1	DNA	4
Virus	Shigella phage Shf1	80	1	DNA	4
Virus	Shigella phage Shf2	265	1	DNA	4
Virus	Shigella phage SP18	284	1	DNA	4
Virus	Shrimp white spot syndrome virus	531	1	DNA	NA
Virus	Sibine fusca densovirus	3	2	DNA	3
Virus	Sida golden mosaic Costa Rica virus	7	2	DNA	3
Virus	Sida golden mosaic Florida virus	7	2	DNA	3
Virus	Sida golden mosaic Florida virus-Malvastrum	7	2	DNA	3
Virus	Sida golden mosaic Honduras virus	7	2	DNA	3
Virus	Sida golden mosaic virus	7	2	DNA	3
Virus	Sida golden mottle virus	7	2	DNA	3
Virus	Sida leaf curl virus	6	2	DNA	3
Virus	Sida leaf curl virus satellite DNA beta	1	2	DNA	3
Virus	Sida leaf curl virus-associated DNA 1	1	2	DNA	3
Virus	Sida leaf curl virus-associated DNA beta	1	2	DNA	3
Virus	Sida micrantha mosaic virus	7	2	DNA	3
Virus	Sida mosaic Alagoas virus	7	2	DNA	3
Virus	Sida mosaic Bolivia virus 1	7	2	DNA	3
Virus	Sida mosaic Bolivia virus 2	7	2	DNA	3
Virus	Sida mosaic Sinaloa virus	7	2	DNA	3
Virus	Sida mottle virus	6	2	DNA	3
Virus	Sida yellow mosaic virus	6	2	DNA	3
Virus	Sida yellow mosaic Yucatan virus	6	2	DNA	3
Virus	Sida yellow mottle virus	7	2	DNA	3
Virus	Sida yellow vein disease associated DNA 1	1	2	DNA	NA
Virus	Sida yellow vein Madurai virus	6	2	DNA	3
Virus	Sida yellow vein Vietnam alphasatellite	1	2	DNA	NA
Virus	Sida yellow vein Vietnam virus	6	2	DNA	3
Virus	Sida yellow vein Vietnam virus satellite DNA beta	1	2	DNA	3
Virus	Sida yellow vein virus	7	2	DNA	3
Virus	Sida yellow vein virus satellite DNA beta	1	2	DNA	NA
Virus	Siegesbeckia yellow vein Guangxi virus	6	2	DNA	3
Virus	Siegesbeckia yellow vein virus	6	2	DNA	3
Virus	Siegesbeckia yellow vein virus-associated DNA beta	1	2	DNA	NA
Virus	Simbu virus	4	5	RNA	NA
Virus	Simian adenovirus 1	35	1	DNA	NA
Virus	Simian adenovirus 21	38	1	DNA	NA
Virus	Simian adenovirus 25	38	1	DNA	NA
Virus	Simian adenovirus 3	34	1	DNA	NA
Virus	Simian adenovirus 49	32	1	DNA	NA

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Simian agent 12	6	1	DNA	3
Virus	Simian enterovirus A	12	4	RNA	1
Virus	Simian enterovirus SV19	12	4	RNA	1
Virus	Simian enterovirus SV43	12	4	RNA	1
Virus	Simian enterovirus SV6	12	4	RNA	1
Virus	Simian foamy virus	6	6	RNA	2
Virus	Simian hemorrhagic fever virus	15	4	RNA	NA
Virus	Simian immunodeficiency virus	6	6	RNA	2
Virus	Simian immunodeficiency virus SIV-mnd 2	8	6	RNA	2
Virus	Simian picornavirus 17	12	4	RNA	1
Virus	Simian picornavirus strain N125	12	4	RNA	1
Virus	Simian picornavirus strain N203	12	4	RNA	1
Virus	Simian retrovirus 4	4	6	RNA	2
Virus	Simian sapelovirus 1	13	4	RNA	1
Virus	Simian T-cell lymphotropic virus 6	6	6	RNA	2
Virus	Simian T-lymphotropic virus 1	4	6	RNA	2
Virus	Simian T-lymphotropic virus 2	12	6	RNA	2
Virus	Simian T-lymphotropic virus 3	5	6	RNA	2
Virus	Simian virus 12	6	1	DNA	3
Virus	Simian virus 40	7	1	DNA	3
Virus	Simian virus 41	7	5	RNA	NA
Virus	Simian-Human immunodeficiency virus	10	6	RNA	2
Virus	Sin Nombre virus	4	5	RNA	NA
Virus	Sindbis virus	14	4	RNA	1
Virus	Singapore grouper iridovirus	162	1	DNA	5
Virus	Siniperca chuatsi rhabdovirus	6	5	RNA	NA
Virus	Sinorhizobium phage PBC5	83	1	DNA	NA
Virus	Sleeping disease virus	13	4	RNA	1
Virus	Slow bee paralysis virus	1	4	RNA	1
Virus	Small anellovirus 1	3	2	DNA	NA
Virus	Small anellovirus 2	5	2	DNA	NA
Virus	Snake adenovirus 1	28	1	DNA	NA
Virus	Snake parvovirus 1	2	2	DNA	3
Virus	Snakehead retrovirus	7	6	RNA	2
Virus	Snakehead virus	6	5	RNA	NA
Virus	Snow goose hepatitis B virus	5	7	DNA	2
Virus	Sodalis phage phiSG1	47	NA	NA	NA
Virus	Sodalis phage SO-1	59	1	DNA	4
Virus	Soil-borne cereal mosaic virus	6	4	RNA	1
Virus	Soil-borne wheat mosaic virus	6	4	RNA	1
Virus	Solenopsis invicta virus 2	4	4	RNA	NA
Virus	Solenopsis invicta virus 3	2	4	RNA	NA
Virus	Solenopsis invicta virus-1	2	4	RNA	1
Virus	Sonchus yellow net virus	6	5	RNA	NA
Virus	Sorghum chlorotic spot virus	7	4	RNA	1
Virus	Sorghum mosaic virus	12	4	RNA	1
Virus	South African cassava mosaic virus	8	2	DNA	3
Virus	South polar skuia adenovirus-1	23	1	DNA	NA
Virus	Southern bean mosaic virus	7	4	RNA	1
Virus	Southern cowpea mosaic virus	7	4	RNA	1
Virus	Southern elephant seal virus	4	4	RNA	1
Virus	Southern rice black-streaked dwarf virus	13	3	RNA	NA
Virus	Southern tomato virus	2	3	RNA	NA
Virus	Sowbane mosaic virus	4	4	RNA	1
Virus	Soybean chlorotic blotch virus	9	2	DNA	3
Virus	Soybean chlorotic mottle virus	9	7	DNA	2
Virus	Soybean chlorotic spot virus	6	2	DNA	3
Virus	Soybean crinkle leaf virus	8	2	DNA	3
Virus	Soybean dwarf virus	5	4	RNA	1
Virus	Soybean mild mottle virus	6	2	DNA	3
Virus	Soybean mosaic virus	12	4	RNA	1
Virus	Soybean Putnam virus	6	7	DNA	2
Virus	Soybean yellow common mosaic virus	4	4	RNA	NA
Virus	Soybean yellow mottle mosaic virus	5	4	RNA	1
Virus	Sparrow coronavirus HKU17	8	4	RNA	NA
Virus	Sphaeropsis sapinea RNA virus 1	2	3	RNA	NA
Virus	Sphaeropsis sapinea RNA virus 2	2	3	RNA	NA
Virus	Spilanthes yellow vein virus	6	2	DNA	3
Virus	Spinach curly top Arizona virus	5	2	DNA	3
Virus	Spinach curly top virus	7	2	DNA	3
Virus	Spinach latent virus	5	4	RNA	1
Virus	Spinach severe curly top virus	6	2	DNA	3
Virus	Spiroplasma kunkelii virus SkV1_CR2-3x	13	2	DNA	NA
Virus	Spiroplasma phage 1-C74	13	2	DNA	NA
Virus	Spiroplasma phage 1-R8A2B	12	2	DNA	NA
Virus	Spiroplasma phage 4	9	2	DNA	NA
Virus	Spiroplasma phage SVTS2	13	2	DNA	NA
Virus	Spissistilus festinus reovirus	10	3	RNA	NA
Virus	Spissistilus festinus virus 1	2	3	RNA	NA
Virus	Spleen focus-forming virus	4	6	RNA	2

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Spodoptera exigua iflavirus 1	3	4	RNA	1
Virus	Spodoptera exigua MNPV	139	1	DNA	NA
Virus	Spodoptera frugiperda ascovirus 1a	123	1	DNA	5
Virus	Spodoptera frugiperda MNPV	143	1	DNA	NA
Virus	Spodoptera litura granulovirus	136	1	DNA	NA
Virus	Spodoptera litura NPV	141	1	DNA	NA
Virus	Spodoptera litura nucleopolyhedrovirus II	147	1	DNA	NA
Virus	Sporobolus striate mosaic virus 1	4	2	DNA	3
Virus	Sporobolus striate mosaic virus 2	4	2	DNA	3
Virus	Spring beauty latent virus	4	4	RNA	1
Virus	Spring viraemia of carp virus	5	5	RNA	NA
Virus	Sputnik virophage	21	1	DNA	Unconsidered
Virus	Sputnik2_proteome_aa	20	1	DNA	Unconsidered
Virus	Sputnik3_proteome_aa	20	1	DNA	Unconsidered
Virus	Squash leaf curl China virus	2	2	DNA	3
Virus	Squash leaf curl Philippines virus	7	2	DNA	3
Virus	Squash leaf curl virus	6	2	DNA	3
Virus	Squash leaf curl Yunnan virus	6	2	DNA	3
Virus	Squash mild leaf curl virus	6	2	DNA	3
Virus	Squash mosaic virus	10	4	RNA	1
Virus	Squash vein yellowing virus	12	4	RNA	1
Virus	Squash yellow mild mottle virus	6	2	DNA	3
Virus	Squirrel monkey polyomavirus	6	1	DNA	3
Virus	Squirrel monkey retrovirus	6	6	RNA	2
Virus	Sri Lankan cassava mosaic virus	8	2	DNA	3
Virus	St Croix River virus	10	3	RNA	NA
Virus	St. Augustine decline satellite virus	1	NA	NA	NA
Virus	St. Louis encephalitis virus	1	4	RNA	1
Virus	Stachytarpheta leaf curl virus	6	2	DNA	3
Virus	Staphylococcus aureus phage P68	22	1	DNA	NA
Virus	Staphylococcus phage 11	53	1	DNA	4
Virus	Staphylococcus phage 187	77	1	DNA	4
Virus	Staphylococcus phage 2638A	57	1	DNA	4
Virus	Staphylococcus phage 29	67	1	DNA	4
Virus	Staphylococcus phage 37	70	1	DNA	4
Virus	Staphylococcus phage 3A	67	1	DNA	4
Virus	Staphylococcus phage 42E	79	1	DNA	4
Virus	Staphylococcus phage 44AHJD	21	1	DNA	4
Virus	Staphylococcus phage 47	65	1	DNA	4
Virus	Staphylococcus phage 52A	60	1	DNA	4
Virus	Staphylococcus phage 53	74	1	DNA	4
Virus	Staphylococcus phage 55	77	1	DNA	4
Virus	Staphylococcus phage 66	27	1	DNA	4
Virus	Staphylococcus phage 69	69	1	DNA	4
Virus	Staphylococcus phage 71	67	1	DNA	4
Virus	Staphylococcus phage 77	69	1	DNA	4
Virus	Staphylococcus phage 80alpha	73	1	DNA	4
Virus	Staphylococcus phage 85	71	1	DNA	4
Virus	Staphylococcus phage 88	66	1	DNA	4
Virus	Staphylococcus phage 92	64	1	DNA	4
Virus	Staphylococcus phage 96	74	1	DNA	4
Virus	Staphylococcus phage CNPH82	65	1	DNA	4
Virus	Staphylococcus phage EW	77	1	DNA	4
Virus	Staphylococcus phage G1	214	1	DNA	4
Virus	Staphylococcus phage K	115	1	DNA	4
Virus	Staphylococcus phage P954	69	1	DNA	NA
Virus	Staphylococcus phage PH15	68	1	DNA	4
Virus	Staphylococcus phage phi 12	49	1	DNA	4
Virus	Staphylococcus phage phi13	49	1	DNA	4
Virus	Staphylococcus phage phi2958PVL	60	NA	NA	NA
Virus	Staphylococcus phage phiETA	66	1	DNA	4
Virus	Staphylococcus phage phiETA2	69	1	DNA	4
Virus	Staphylococcus phage phiETA3	68	1	DNA	4
Virus	Staphylococcus phage phiMR11	67	1	DNA	4
Virus	Staphylococcus phage phiMR25	70	1	DNA	4
Virus	Staphylococcus phage phiN315	65	1	DNA	4
Virus	Staphylococcus phage phiNM	64	1	DNA	4
Virus	Staphylococcus phage phiNM3	65	1	DNA	4
Virus	Staphylococcus phage phiPVL-CN125	65	1	DNA	NA
Virus	Staphylococcus phage phiPVL108	59	1	DNA	4
Virus	Staphylococcus phage phiSauS-IPLA35	62	1	DNA	4
Virus	Staphylococcus phage phiSauS-IPLA88	60	1	DNA	4
Virus	Staphylococcus phage phiSLT	61	1	DNA	4
Virus	Staphylococcus phage PT1028	22	1	DNA	NA
Virus	Staphylococcus phage PVL	62	1	DNA	4
Virus	Staphylococcus phage ROSA	74	1	DNA	NA
Virus	Staphylococcus phage S24-1	21	1	DNA	4
Virus	Staphylococcus phage SAP-2	20	1	DNA	4
Virus	Staphylococcus phage SAP-26	63	1	DNA	4
Virus	Staphylococcus phage SpaA1	63	NA	NA	NA

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Staphylococcus phage TEM123	43	1	DNA	4
Virus	Staphylococcus phage tp310-1	59	NA	NA	NA
Virus	Staphylococcus phage tp310-2	67	1	DNA	4
Virus	Staphylococcus phage tp310-3	58	NA	NA	NA
Virus	Staphylococcus phage Twort	195	1	DNA	4
Virus	Staphylococcus phage vB_SepiS-philPLA5	66	1	DNA	4
Virus	Staphylococcus phage vB_SepiS-philPLA7	59	1	DNA	4
Virus	Staphylococcus phage X2	77	1	DNA	4
Virus	Staphylococcus prophage phiPV83	65	1	DNA	4
Virus	Starling circovirus	3	2	DNA	3
Virus	Steller sea lion vesivirus	3	4	RNA	1
Virus	Stenotrophomonas phage IME15	45	1	DNA	4
Virus	Stenotrophomonas phage phiSHP2	9	2	DNA	NA
Virus	Stenotrophomonas phage S1	48	1	DNA	4
Virus	Strawberry chlorotic fleck-associated virus	13	4	RNA	1
Virus	Strawberry latent ringspot virus	10	4	RNA	1
Virus	Strawberry latent ringspot virus satellite RNA	1	NA	RNA	NA
Virus	Strawberry mild yellow edge virus	6	4	RNA	1
Virus	Strawberry mottle virus	10	4	RNA	1
Virus	Strawberry necrotic shock virus	5	4	RNA	1
Virus	Strawberry pallidosis-associated virus	12	4	RNA	1
Virus	Strawberry vein banding virus	6	7	DNA	2
Virus	Streptocarpus flower break virus	4	4	RNA	1
Virus	Streptococcus phage 2972	44	1	DNA	4
Virus	Streptococcus phage 5093	48	1	DNA	4
Virus	Streptococcus phage 7201	46	1	DNA	4
Virus	Streptococcus phage 858	46	1	DNA	4
Virus	Streptococcus phage Abc2	48	1	DNA	4
Virus	Streptococcus phage ALQ13.2	44	1	DNA	4
Virus	Streptococcus phage C1	20	1	DNA	4
Virus	Streptococcus phage Cp-1	25	1	DNA	4
Virus	Streptococcus phage Dp-1	72	1	DNA	4
Virus	Streptococcus phage DT1	45	1	DNA	4
Virus	Streptococcus phage EJ-1	73	1	DNA	4
Virus	Streptococcus phage M102	41	1	DNA	4
Virus	Streptococcus phage MM1	53	1	DNA	4
Virus	Streptococcus phage O1205	57	1	DNA	4
Virus	Streptococcus phage P9	53	1	DNA	4
Virus	Streptococcus phage PH10	54	1	DNA	4
Virus	Streptococcus phage PH15	60	1	DNA	4
Virus	Streptococcus phage phi3396	64	1	DNA	4
Virus	Streptococcus phage phiNJ2	55	1	DNA	4
Virus	Streptococcus phage Sfi11	53	1	DNA	4
Virus	Streptococcus phage Sfi19	45	1	DNA	4
Virus	Streptococcus phage Sfi21	50	1	DNA	4
Virus	Streptococcus phage SM1	56	1	DNA	4
Virus	Streptococcus phage SMP	48	1	DNA	4
Virus	Streptococcus phage YMC-2011	55	1	DNA	4
Virus	Streptococcus pyogenes phage 315.1	56	NA	NA	NA
Virus	Streptococcus pyogenes phage 315.2	60	1	DNA	NA
Virus	Streptococcus pyogenes phage 315.3	52	NA	DNA	NA
Virus	Streptococcus pyogenes phage 315.4	64	NA	NA	NA
Virus	Streptococcus pyogenes phage 315.5	55	NA	NA	NA
Virus	Streptococcus pyogenes phage 315.6	51	NA	NA	NA
Virus	Streptomyces phage TG1	54	1	DNA	4
Virus	Streptomyces phage mu1/6	52	1	DNA	4
Virus	Streptomyces phage phiBT1	55	1	DNA	4
Virus	Streptomyces phage phiC31	54	1	DNA	4
Virus	Streptomyces phage phiHau3	72	1	DNA	4
Virus	Streptomyces phage phiSASD1	43	1	DNA	4
Virus	Streptomyces phage R4	86	1	DNA	4
Virus	Streptomyces phage SV1	55	1	DNA	4
Virus	Streptomyces phage VWB	61	1	DNA	4
Virus	Stretch Lagoon orbivirus	2	3	RNA	NA
Virus	Striped Jack nervous necrosis virus	3	4	RNA	1
Virus	Stx1 converting phage	84	1	DNA	NA
Virus	Stx2 converting phage I	166	1	DNA	4
Virus	Stx2 converting phage II	89	1	DNA	4
Virus	Stx2-converting phage 1717	77	1	DNA	4
Virus	Stx2-converting phage 86	81	1	DNA	4
Virus	Suakwa aphid-borne yellows virus	6	4	RNA	1
Virus	Subterranean clover mottle virus	7	4	RNA	1
Virus	Subterranean clover stunt virus	8	2	DNA	NA
Virus	Sudan ebolavirus	8	5	RNA	NA
Virus	Sugarcane bacilliform IM virus	3	7	DNA	2
Virus	Sugarcane bacilliform Mor virus	3	7	DNA	2
Virus	Sugarcane bacilliform virus	3	7	DNA	2
Virus	Sugarcane mosaic virus	12	4	RNA	1
Virus	Sugarcane streak Egypt virus	4	2	DNA	3
Virus	Sugarcane streak mosaic virus	11	4	RNA	1

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Sugarcane streak Reunion virus	4	2	DNA	3
Virus	Sugarcane streak virus	3	2	DNA	3
Virus	Sugarcane striate mosaic-associated virus	5	4	RNA	1
Virus	Sugarcane yellow leaf virus	9	4	RNA	1
Virus	Suid herpesvirus 1	69	1	DNA	NA
Virus	Sulfolobales Mexican rudivirus 1	37	1	DNA	3
Virus	Sulfolobus islandicus filamentous virus	73	1	DNA	NA
Virus	Sulfolobus islandicus rod-shaped virus 1	45	1	DNA	NA
Virus	Sulfolobus islandicus rod-shaped virus 2	54	1	DNA	NA
Virus	Sulfolobus spindle-shaped virus 4	34	1	DNA	NA
Virus	Sulfolobus spindle-shaped virus 5	34	1	DNA	NA
Virus	Sulfolobus spindle-shaped virus 6	33	1	DNA	NA
Virus	Sulfolobus spindle-shaped virus 7	33	1	DNA	NA
Virus	Sulfolobus turreted icosahedral virus	36	1	DNA	NA
Virus	Sulfolobus turreted icosahedral virus 2	34	1	DNA	NA
Virus	Sulfolobus virus 1	32	1	DNA	NA
Virus	Sulfolobus virus 2	34	1	DNA	NA
Virus	Sulfolobus virus Kamchatka 1	31	1	DNA	NA
Virus	Sulfolobus virus Ragged Hills	37	1	DNA	NA
Virus	Sulfolobus virus STSV1	74	1	DNA	NA
Virus	Sunflower chlorotic mottle virus	12	4	RNA	1
Virus	Sunn hemp leaf distortion virus	2	2	DNA	3
Virus	Sus scrofa papillomavirus type 1	6	1	DNA	3
Virus	Sweet clover necrotic mosaic virus	4	4	RNA	1
Virus	Sweet potato caulimo-like virus	4	7	DNA	2
Virus	Sweet potato chlorotic fleck virus	6	4	RNA	1
Virus	Sweet potato chlorotic stunt virus	14	4	RNA	1
Virus	Sweet potato feathery mottle virus	12	4	RNA	1
Virus	Sweet potato golden vein associated virus	6	2	DNA	3
Virus	Sweet potato leaf curl Bengal virus	6	2	DNA	3
Virus	Sweet potato leaf curl Canary virus	6	2	DNA	3
Virus	Sweet potato leaf curl Georgia virus	6	2	DNA	3
Virus	Sweet potato leaf curl Lanzarote virus	6	2	DNA	3
Virus	Sweet potato leaf curl South Carolina virus	6	2	DNA	3
Virus	Sweet potato leaf curl Spain virus	6	2	DNA	3
Virus	Sweet potato leaf curl virus	6	2	DNA	3
Virus	Sweet potato mild mottle virus	12	4	RNA	1
Virus	Sweet potato vein clearing virus	9	7	DNA	2
Virus	Sweet potato virus 2	1	4	RNA	1
Virus	Sweet potato virus C	11	4	RNA	1
Virus	Sweet potato virus C-6	5	4	RNA	1
Virus	Sweet potato virus G	11	4	RNA	1
Virus	Sweetpotato badnavirus A	5	7	DNA	2
Virus	Sweetpotato badnavirus B	5	7	DNA	2
Virus	Swine pasivirus 1	12	4	RNA	1
Virus	Swinepox virus	150	1	DNA	5
Virus	Switchgrass mosaic virus	3	4	RNA	1
Virus	Synechococcus phage P60	80	1	DNA	4
Virus	Synechococcus phage S-CBS1	43	1	DNA	4
Virus	Synechococcus phage S-CBS2	102	1	DNA	4
Virus	Synechococcus phage S-CBS3	46	1	DNA	4
Virus	Synechococcus phage S-CBS4	105	1	DNA	4
Virus	Synechococcus phage S-CRM01	297	1	DNA	4
Virus	Synechococcus phage S-PM2	244	1	DNA	4
Virus	Synechococcus phage S-RSM4	237	1	DNA	4
Virus	Synechococcus phage S-ShM2	230	1	DNA	4
Virus	Synechococcus phage S-SM1	234	1	DNA	4
Virus	Synechococcus phage S-SM2	267	1	DNA	4
Virus	Synechococcus phage S-SSM5	225	1	DNA	4
Virus	Synechococcus phage S-SSM7	319	1	DNA	4
Virus	Synechococcus phage Syn19	215	1	DNA	4
Virus	Synechococcus phage syn9	226	1	DNA	4
Virus	Tacaribe virus	4	5	RNA	NA
Virus	Tai Forest ebolavirus	9	5	RNA	NA
Virus	Tamana bat virus	14	4	RNA	1
Virus	Tamiami virus	4	5	RNA	NA
Virus	Tamus red mosaic virus	5	4	RNA	1
Virus	Tanapox virus	156	1	DNA	5
Virus	Taro bacilliform virus	3	7	DNA	2
Virus	Taro vein chlorosis virus	6	5	RNA	NA
Virus	Taterapox virus	225	1	DNA	5
Virus	Taura syndrome virus	2	4	RNA	1
Virus	Telosma mosaic virus	12	4	RNA	1
Virus	Tembusu virus	1	4	RNA	1
Virus	Temperate phage phiNIH1.1	55	1	DNA	4
Virus	TGP Carmovirus 1	5	4	RNA	1
Virus	Thalassomonas phage BA3	47	1	DNA	4
Virus	Theilovirus	14	4	RNA	1
Virus	Thermoanaerobacterium phage THSA-485A	57	1	DNA	4
Virus	Thermococcus prierii virus 1	28	NA	DNA	NA

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Thermoproteus tenax spherical virus 1	38	1	DNA	NA
Virus	Thermus phage IN93	39	1	DNA	NA
Virus	Thermus phage P23-45	117	1	DNA	4
Virus	Thermus phage P23-77	37	1	DNA	NA
Virus	Thermus phage P74-26	116	1	DNA	4
Virus	Thermus phage phiYS40	170	1	DNA	4
Virus	Thermus phage TMA	168	1	DNA	4
Virus	Thetapapillomavirus 1	6	1	DNA	3
Virus	Thielaviopsis basicola mitovirus	1	4	RNA	1
Virus	Thogoto virus	7	5	RNA	NA
Virus	Thottapalayam virus	3	5	RNA	NA
Virus	Thrush coronavirus HKU12-600	9	4	RNA	NA
Virus	Thunberg fritillary virus	12	4	RNA	1
Virus	Tianjin totivirus	2	3	RNA	NA
Virus	Tick-borne encephalitis virus	14	4	RNA	1
Virus	Tiger puffer nervous necrosis virus	3	4	RNA	1
Virus	Tioman virus	8	5	RNA	NA
Virus	Tobacco bushy top virus	4	4	RNA	1
Virus	Tobacco curly shoot alphasatellite	1	2	DNA	3
Virus	Tobacco curly shoot betasatellite	1	2	DNA	3
Virus	Tobacco curly shoot virus	6	2	DNA	3
Virus	Tobacco etch virus	12	4	RNA	1
Virus	Tobacco leaf chlorosis betasatellite	1	2	DNA	3
Virus	Tobacco leaf curl disease associated sequence	1	2	DNA	NA
Virus	Tobacco leaf curl Japan virus	6	2	DNA	3
Virus	Tobacco leaf curl Kochi virus	6	2	DNA	3
Virus	Tobacco leaf curl PUSA alphasatellite	1	NA	NA	NA
Virus	Tobacco leaf curl Pusa virus	6	2	DNA	3
Virus	Tobacco leaf curl Thailand virus	7	2	DNA	3
Virus	Tobacco leaf curl virus-associated DNA beta	1	2	DNA	NA
Virus	Tobacco leaf curl Yunnan virus	6	2	DNA	3
Virus	Tobacco leaf curl Yunnan virus associated DNA 1	1	2	DNA	NA
Virus	Tobacco leaf curl Yunnan virus satellite DNA beta	1	2	DNA	NA
Virus	Tobacco leaf curl Zimbabwe virus	6	2	DNA	3
Virus	Tobacco mild green mosaic virus	4	4	RNA	1
Virus	Tobacco mosaic virus	6	4	RNA	1
Virus	Tobacco necrosis satellite virus	1	NA	RNA	NA
Virus	Tobacco necrosis virus A	5	4	RNA	1
Virus	Tobacco necrosis virus D	6	4	RNA	1
Virus	Tobacco rattle virus	7	4	RNA	1
Virus	Tobacco ringspot virus	5	4	RNA	1
Virus	Tobacco streak virus	5	4	RNA	1
Virus	Tobacco vein banding mosaic virus	12	4	RNA	1
Virus	Tobacco vein clearing virus	4	7	DNA	2
Virus	Tobacco vein distorting virus	6	4	RNA	1
Virus	Tobacco vein mottling virus	12	4	RNA	1
Virus	Tobacco yellow crinkle virus	7	2	DNA	3
Virus	Tobacco yellow dwarf virus	4	2	DNA	3
Virus	Tolypocladium cylindrosporium virus 1	2	3	RNA	NA
Virus	Tomato aspermy virus	5	4	RNA	1
Virus	Tomato begomovirus satellite DNA beta	1	2	DNA	3
Virus	Tomato black ring virus	8	4	RNA	1
Virus	Tomato black ring virus satellite RNA	1	NA	RNA	NA
Virus	Tomato bushy stunt virus	5	4	RNA	1
Virus	Tomato chino La Paz virus	5	2	DNA	3
Virus	Tomato chlorosis virus	13	4	RNA	1
Virus	Tomato chlorotic mottle virus	7	2	DNA	3
Virus	Tomato chocolate spot virus	6	4	RNA	NA
Virus	Tomato common mosaic virus	7	2	DNA	3
Virus	Tomato curly stunt virus	5	2	DNA	3
Virus	Tomato dwarf leaf virus	7	2	DNA	3
Virus	Tomato golden mosaic virus	7	2	DNA	3
Virus	Tomato golden mottle virus	7	2	DNA	3
Virus	Tomato infectious chlorosis virus	12	4	RNA	1
Virus	Tomato leaf curl Arusha virus	6	2	DNA	3
Virus	Tomato leaf curl Bangalore virus	6	2	DNA	3
Virus	Tomato leaf curl Bangladesh betasatellite	1	2	DNA	3
Virus	Tomato leaf curl Bangladesh virus	6	2	DNA	3
Virus	Tomato leaf curl Cameroon alphasatellite	1	NA	NA	NA
Virus	Tomato leaf curl Cameroon virus	9	2	DNA	3
Virus	Tomato leaf curl Cebu virus	6	2	DNA	3
Virus	Tomato leaf curl China betasatellite	2	2	DNA	3
Virus	Tomato leaf curl China virus	6	2	DNA	3
Virus	Tomato leaf curl Cotabato virus	6	2	DNA	3
Virus	Tomato leaf curl Ghana virus	6	2	DNA	3
Virus	Tomato leaf curl Guangdong virus	6	2	DNA	3
Virus	Tomato leaf curl Guangxi virus	6	2	DNA	3
Virus	Tomato leaf curl Gujarat virus	8	2	DNA	3
Virus	Tomato leaf curl Hainan virus	6	2	DNA	3
Virus	Tomato leaf curl Hajipur betasatellite	1	2	DNA	3

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Tomato leaf curl Hanoi virus	6	2	DNA	3
Virus	Tomato leaf curl Hsinchu virus	6	2	DNA	3
Virus	Tomato leaf curl Iran virus	6	2	DNA	3
Virus	Tomato leaf curl Java virus	6	2	DNA	3
Virus	Tomato leaf curl Joydebpur virus	6	2	DNA	3
Virus	Tomato leaf curl Joydebpur virus satellite DNA beta	1	2	DNA	3
Virus	Tomato leaf curl Karnataka virus	6	2	DNA	3
Virus	Tomato leaf curl Karnataka virus-associated DNA beta	1	2	DNA	3
Virus	Tomato leaf curl Kerala virus	6	2	DNA	3
Virus	Tomato leaf curl Kumasi virus	6	2	DNA	3
Virus	Tomato leaf curl Laos virus	6	2	DNA	3
Virus	Tomato leaf curl Malaysia virus	6	2	DNA	3
Virus	Tomato leaf curl Mali virus	6	2	DNA	3
Virus	Tomato leaf curl Mayotte virus	6	2	DNA	3
Virus	Tomato leaf curl Mindanao virus	6	2	DNA	3
Virus	Tomato leaf curl New Delhi betasatellite	1	2	DNA	NA
Virus	Tomato leaf curl New Delhi virus	10	2	DNA	3
Virus	Tomato leaf curl Oman virus	6	2	DNA	3
Virus	Tomato leaf curl Pakistan alphasatellite	1	2	DNA	NA
Virus	Tomato leaf curl Pakistan virus	6	2	DNA	3
Virus	Tomato leaf curl Palampur virus	9	2	DNA	3
Virus	Tomato leaf curl Patna betasatellite	1	2	DNA	3
Virus	Tomato leaf curl Patna virus	7	2	DNA	3
Virus	Tomato leaf curl Philippine betasatellite	1	2	DNA	NA
Virus	Tomato leaf curl Philippines virus	6	2	DNA	3
Virus	Tomato leaf curl Pune virus	6	2	DNA	3
Virus	Tomato leaf curl Ranchi virus	7	2	DNA	3
Virus	Tomato leaf curl Seychelles virus	3	2	DNA	3
Virus	Tomato leaf curl Sinaloa virus	7	2	DNA	3
Virus	Tomato leaf curl Sri Lanka virus	6	2	DNA	3
Virus	Tomato leaf curl Sudan virus	6	2	DNA	3
Virus	Tomato leaf curl Sulawesi virus	6	2	DNA	3
Virus	Tomato leaf curl Taiwan virus	6	2	DNA	3
Virus	Tomato leaf curl Vietnam virus	6	2	DNA	3
Virus	Tomato leaf curl virus	6	2	DNA	3
Virus	Tomato leaf curl virus-associated DNA beta	1	2	DNA	3
Virus	Tomato leaf curl virus-Pune-associated DNA beta	1	2	DNA	3
Virus	Tomato leaf curl Yemen betasatellite	1	2	DNA	3
Virus	Tomato leaf deformation virus	11	2	DNA	3
Virus	Tomato marchitez virus	8	4	RNA	1
Virus	Tomato mild mosaic virus	7	2	DNA	3
Virus	Tomato mosaic Havana virus	7	2	DNA	3
Virus	Tomato mosaic leaf curl virus	7	2	DNA	3
Virus	Tomato mosaic virus	4	4	RNA	1
Virus	Tomato mottle leaf curl Zulia virus	4	2	DNA	3
Virus	Tomato mottle Taino virus	6	2	DNA	3
Virus	Tomato mottle virus	6	2	DNA	3
Virus	Tomato necrotic stunt virus	12	4	RNA	1
Virus	Tomato pseudo-curly top virus	6	2	DNA	3
Virus	Tomato ringspot virus	10	4	RNA	1
Virus	Tomato rugose mosaic virus	7	2	DNA	3
Virus	Tomato severe leaf curl virus	4	2	DNA	3
Virus	Tomato severe rugose virus	7	2	DNA	3
Virus	Tomato spotted wilt virus	5	5	RNA	NA
Virus	Tomato torrado virus	3	4	RNA	1
Virus	Tomato yellow leaf curl China alphasatellite	1	2	DNA	NA
Virus	Tomato yellow leaf curl China virus	6	2	DNA	3
Virus	Tomato yellow leaf curl Guangdong virus	6	2	DNA	3
Virus	Tomato yellow leaf curl Kanchanaburi virus	8	2	DNA	3
Virus	Tomato yellow leaf curl Malaga virus	6	2	DNA	3
Virus	Tomato yellow leaf curl Mali virus-associated DNA beta	1	2	DNA	3
Virus	Tomato yellow leaf curl Sardinia virus	6	2	DNA	3
Virus	Tomato yellow leaf curl Thailand betasatellite	2	2	DNA	3
Virus	Tomato yellow leaf curl Thailand virus	10	2	DNA	3
Virus	Tomato yellow leaf curl Thailand virus associated DNA 1	1	2	DNA	NA
Virus	Tomato yellow leaf curl Vietnam virus	6	2	DNA	3
Virus	Tomato yellow leaf curl Vietnam virus satellite DNA beta	1	2	DNA	3
Virus	Tomato yellow leaf curl virus	6	2	DNA	3
Virus	Tomato yellow leaf curl virus-associated DNA beta	1	2	DNA	NA
Virus	Tomato yellow leaf distortion virus	7	2	DNA	3
Virus	Tomato yellow margin leaf curl virus	7	2	DNA	3
Virus	Tomato yellow spot virus	6	2	DNA	3
Virus	Tomato yellow vein streak virus	7	2	DNA	3
Virus	Tomato zonate spot virus	5	5	RNA	NA
Virus	Torque teno canis virus	3	2	DNA	NA
Virus	Torque teno douroucouli virus	3	2	DNA	NA
Virus	Torque teno felis virus	3	2	DNA	NA
Virus	Torque teno midi virus 1	4	2	DNA	NA
Virus	Torque teno midi virus 2	4	2	DNA	NA
Virus	Torque teno mini virus 1	3	2	DNA	NA

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Torque teno mini virus 2	3	2	DNA	NA
Virus	Torque teno mini virus 3	3	2	DNA	NA
Virus	Torque teno mini virus 4	2	2	DNA	NA
Virus	Torque teno mini virus 5	3	2	DNA	NA
Virus	Torque teno mini virus 6	3	2	DNA	NA
Virus	Torque teno mini virus 7	2	2	DNA	NA
Virus	Torque teno mini virus 8	2	2	DNA	NA
Virus	Torque teno mini virus 9	3	2	DNA	NA
Virus	Torque teno sus virus 1a	3	2	DNA	NA
Virus	Torque teno sus virus 1b	3	2	DNA	NA
Virus	Torque teno tamarin virus	4	2	DNA	NA
Virus	Torque teno virus 1	3	2	DNA	NA
Virus	Torque teno virus 10	4	2	DNA	NA
Virus	Torque teno virus 12	4	2	DNA	NA
Virus	Torque teno virus 14	2	2	DNA	NA
Virus	Torque teno virus 15	2	2	DNA	NA
Virus	Torque teno virus 16	2	2	DNA	NA
Virus	Torque teno virus 19	2	2	DNA	NA
Virus	Torque teno virus 2	2	2	DNA	NA
Virus	Torque teno virus 25	3	2	DNA	NA
Virus	Torque teno virus 26	3	2	DNA	NA
Virus	Torque teno virus 27	4	2	DNA	NA
Virus	Torque teno virus 28	4	2	DNA	NA
Virus	Torque teno virus 3	6	2	DNA	NA
Virus	Torque teno virus 4	2	2	DNA	NA
Virus	Torque teno virus 6	4	2	DNA	NA
Virus	Torque teno virus 7	3	2	DNA	NA
Virus	Torque teno virus 8	4	2	DNA	NA
Virus	Tree shrew adenovirus A	36	1	DNA	NA
Virus	Triatoma virus	2	4	RNA	1
Virus	Trichechus manatus latirostris papillomavirus 2	7	1	DNA	3
Virus	Trichechus manatus papillomavirus 1	7	1	DNA	3
Virus	Trichodysplasia spinulosa-associated polyomavirus	5	1	DNA	3
Virus	Trichomonas vaginalis virus	2	3	RNA	NA
Virus	Trichomonas vaginalis virus 3	2	3	RNA	NA
Virus	Trichomonas vaginalis virus II	2	3	RNA	NA
Virus	Trichoplusia ni ascovirus 2c	164	1	DNA	5
Virus	Trichoplusia ni cypovirus 15	1	3	RNA	NA
Virus	Trichoplusia ni SNPV	145	1	DNA	NA
Virus	Triticum mosaic virus	11	4	RNA	1
Virus	Tsukamurella phage TPA2	78	1	DNA	4
Virus	Tuber aestivum endornavirus	1	3	RNA	NA
Virus	Tuber aestivum mitovirus	1	4	RNA	1
Virus	Tula virus	4	5	RNA	NA
Virus	Tulare apple mosaic virus	5	4	RNA	1
Virus	Tulip virus X	5	4	RNA	1
Virus	Tupaia paramyxovirus	8	5	RNA	NA
Virus	Tupaia virus	7	5	RNA	NA
Virus	Tupaiaid herpesvirus 1	158	1	DNA	NA
Virus	Turdivirus 1	12	4	RNA	1
Virus	Turdivirus 2	12	4	RNA	1
Virus	Turdivirus 3	12	4	RNA	1
Virus	Turkey adenovirus 1	37	1	DNA	NA
Virus	Turkey adenovirus A	47	1	DNA	NA
Virus	Turkey astrovirus	3	4	RNA	1
Virus	Turkey astrovirus 2	3	4	RNA	1
Virus	Turkey coronavirus	26	4	RNA	NA
Virus	Turkey gallivirus	1	4	RNA	1
Virus	Turnip crinkle virus	4	4	RNA	1
Virus	Turnip curly top virus	6	2	DNA	3
Virus	Turnip mosaic virus	12	4	RNA	1
Virus	Turnip ringspot virus	2	4	RNA	1
Virus	Turnip rosette virus	8	4	RNA	1
Virus	Turnip vein-clearing virus	4	4	RNA	1
Virus	Turnip yellow mosaic virus	5	4	RNA	1
Virus	Turnip yellows virus	6	4	RNA	1
Virus	Tursiops truncatus papillomavirus 1	7	1	DNA	3
Virus	Tursiops truncatus papillomavirus 2	7	1	DNA	3
Virus	UR2 sarcoma virus	2	6	RNA	2
Virus	Urochloa streak virus	3	2	DNA	3
Virus	Ursus maritimus papillomavirus 1	5	1	DNA	3
Virus	Ustilago maydis virus H1	1	3	RNA	NA
Virus	Usutu virus	16	4	RNA	1
Virus	Uukuniemi virus	6	5	RNA	NA
Virus	Vaccinia virus	223	1	DNA	5
Virus	Vallota speciosa virus	11	4	RNA	1
Virus	Valsa ceratosperma hypovirus 1	1	3	RNA	NA
Virus	Variola virus	197	1	DNA	5
Virus	Varroa destructor virus-1	1	4	RNA	1
Virus	Velvet bean severe mosaic virus	9	2	DNA	3

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Velvet tobacco mottle virus	4	4	RNA	1
Virus	Venezuelan equine encephalitis virus	14	4	RNA	1
Virus	Verbena virus Y	12	4	RNA	1
Virus	Vernonia yellow vein betasatellite	1	2	DNA	NA
Virus	Vernonia yellow vein Fujian virus alphasatellite	1	NA	NA	NA
Virus	Vernonia yellow vein Fujian virus betasatellite	1	2	DNA	3
Virus	Vernonia yellow vein virus	7	2	DNA	3
Virus	Vesicular exanthema of swine virus	12	4	RNA	1
Virus	Vesicular stomatitis Indiana virus	7	5	RNA	NA
Virus	Vibrio phage CTX	13	2	DNA	NA
Virus	Vibrio phage fs1	15	2	DNA	NA
Virus	Vibrio phage fs2	9	2	DNA	NA
Virus	Vibrio phage ICP1	232	1	DNA	4
Virus	Vibrio phage ICP2	72	1	DNA	4
Virus	Vibrio phage ICP3	54	1	DNA	4
Virus	Vibrio phage K139	44	1	DNA	4
Virus	Vibrio phage kappa	45	1	DNA	4
Virus	Vibrio phage KSF-1phi	12	2	DNA	NA
Virus	Vibrio phage KVP40	381	1	DNA	4
Virus	Vibrio phage N4	47	1	DNA	4
Virus	Vibrio phage SIO-2	115	1	DNA	4
Virus	Vibrio phage VCY-phi	11	2	DNA	3
Virus	Vibrio phage VEJphi	11	2	DNA	NA
Virus	Vibrio phage Vf12	7	2	DNA	NA
Virus	Vibrio phage Vf33	7	2	DNA	NA
Virus	Vibrio phage VfO3K6	10	2	DNA	NA
Virus	Vibrio phage VfO4K68	8	2	DNA	NA
Virus	Vibrio phage VGJphi	13	2	DNA	NA
Virus	Vibrio phage VHML	57	1	DNA	4
Virus	Vibrio phage VP2	47	1	DNA	4
Virus	Vibrio phage VP5	48	1	DNA	4
Virus	Vibrio phage VP882	71	1	DNA	4
Virus	Vibrio phage VP93	44	1	DNA	4
Virus	Vibrio phage VpV262	67	1	DNA	4
Virus	Vibrio phage VSK	14	2	DNA	NA
Virus	Vibriophage VP4	31	1	DNA	4
Virus	Vicia cryptic virus	2	3	RNA	1
Virus	Vicia faba endornavirus	1	3	RNA	NA
Virus	Viral hemorrhagic septicemia virus Fil3	6	5	RNA	NA
Virus	Visna/Maedi virus	6	6	RNA	2
Virus	Walleye dermal sarcoma virus	6	6	RNA	2
Virus	Walrus calicivirus	12	4	RNA	1
Virus	Wasabi mottle virus	4	4	RNA	1
Virus	Watermelon chlorotic stunt virus	8	2	DNA	3
Virus	Watermelon mosaic virus	12	4	RNA	1
Virus	Watermelon silver mottle virus	5	5	RNA	NA
Virus	Weissella phage phiYS61	48	1	DNA	4
Virus	Wesselsbron virus	1	4	RNA	1
Virus	West Nile virus	29	4	RNA	1
Virus	Western equine encephalomyelitis virus	14	4	RNA	1
Virus	Whataroa virus	4	4	RNA	1
Virus	Wheat dwarf India virus	4	2	DNA	3
Virus	Wheat dwarf virus	4	2	DNA	3
Virus	Wheat eqld mosaic virus	11	4	RNA	1
Virus	Wheat streak mosaic virus	12	4	RNA	1
Virus	Wheat yellow dwarf virus-GPV	6	4	RNA	1
Virus	Wheat yellow mosaic virus	13	4	RNA	1
Virus	White ash mosaic virus	5	4	RNA	NA
Virus	White bream virus	5	4	RNA	NA
Virus	White clover cryptic virus 1	2	3	RNA	1
Virus	White clover mosaic virus	5	4	RNA	1
Virus	White-eye coronavirus HKU16	8	4	RNA	NA
Virus	Whitewater Arroyo virus	4	5	RNA	NA
Virus	Wigeon coronavirus HKU20	10	4	RNA	NA
Virus	Wild potato mosaic virus	11	4	RNA	1
Virus	Wild tomato mosaic virus	12	4	RNA	1
Virus	Wiseana iridescent virus	193	1	DNA	5
Virus	Wissadula golden mosaic virus	7	2	DNA	3
Virus	Wisteria vein mosaic virus	12	4	RNA	1
Virus	Wongabel virus	10	5	RNA	NA
Virus	Woodchuck hepatitis virus	5	7	DNA	2
Virus	Woolly monkey sarcoma virus	10	6	RNA	2
Virus	WU Polyomavirus	5	1	DNA	3
Virus	Xanthomonas phage Cf1c	9	2	DNA	NA
Virus	Xanthomonas phage OP1	59	1	DNA	4
Virus	Xanthomonas phage OP2	62	1	DNA	4
Virus	Xanthomonas phage phiL7	58	1	DNA	4
Virus	Xanthomonas phage vB_XveM_DIBBI	81	1	DNA	4
Virus	Xanthomonas phage Xop411	58	1	DNA	4
Virus	Xanthomonas phage Xp10	60	1	DNA	4

Type	Name	Number of genes	Baltimore class	Nucleic Acid	Monophyletic group
Virus	Xanthomonas phage Xp15	84	1	DNA	NA
Virus	Xenopus laevis endogenous retrovirus Xen1	2	6	RNA	2
Virus	Xestia c-nigrum granulovirus	181	1	DNA	NA
Virus	Xipapillomavirus 1	8	1	DNA	3
Virus	Xylella phage Xfas53	45	1	DNA	4
Virus	Y73 sarcoma virus	1	6	RNA	2
Virus	Yaba monkey tumor virus	140	1	DNA	5
Virus	Yaba-like disease virus	152	1	DNA	5
Virus	Yam bean mosaic virus	12	4	RNA	1
Virus	Yam mild mosaic virus	12	4	RNA	1
Virus	Yam mosaic virus	12	4	RNA	1
Virus	Yellow fever virus	14	4	RNA	1
Virus	Yellowtail ascites virus	3	3	RNA	NA
Virus	Yersinia phage Berlin	45	1	DNA	4
Virus	Yersinia phage L-413C	40	1	DNA	4
Virus	Yersinia phage phiA1122	50	1	DNA	4
Virus	Yersinia phage phiR1-37	367	1	DNA	4
Virus	Yersinia phage phiYeO3-12	59	1	DNA	4
Virus	Yersinia phage PY54	67	1	DNA	4
Virus	Yersinia phage Yepe2	46	1	DNA	4
Virus	Yoka poxvirus	186	1	DNA	5
Virus	Yokose virus	1	4	RNA	1
Virus	Youcai mosaic virus	3	4	RNA	1
Virus	Yunnan orbivirus	11	3	RNA	NA
Virus	Zalophus californianus papillomavirus 1	7	1	DNA	3
Virus	Zantedeschia mild mosaic virus	12	4	RNA	1
Virus	Zika virus	1	4	RNA	1
Virus	Zinnia leaf curl disease associated sequence	1	2	DNA	NA
Virus	Zinnia leaf curl virus-associated DNA beta	1	2	DNA	NA
Virus	Zucchini green mottle mosaic virus	4	4	RNA	1
Virus	Zucchini yellow mosaic virus	12	4	RNA	1
Virus	Zygocactus virus X	5	4	RNA	1
Virus	Zygosaccharomyces bailii virus Z	2	3	RNA	NA