

The effect of taxonomic, host-dependent features and sample bias on virus host prediction using machine learning and short sequence *k*-mers

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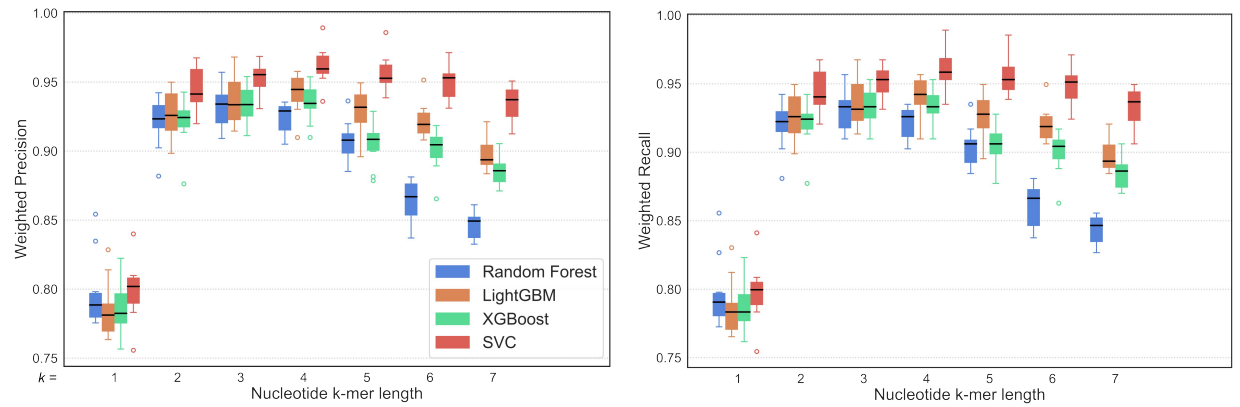
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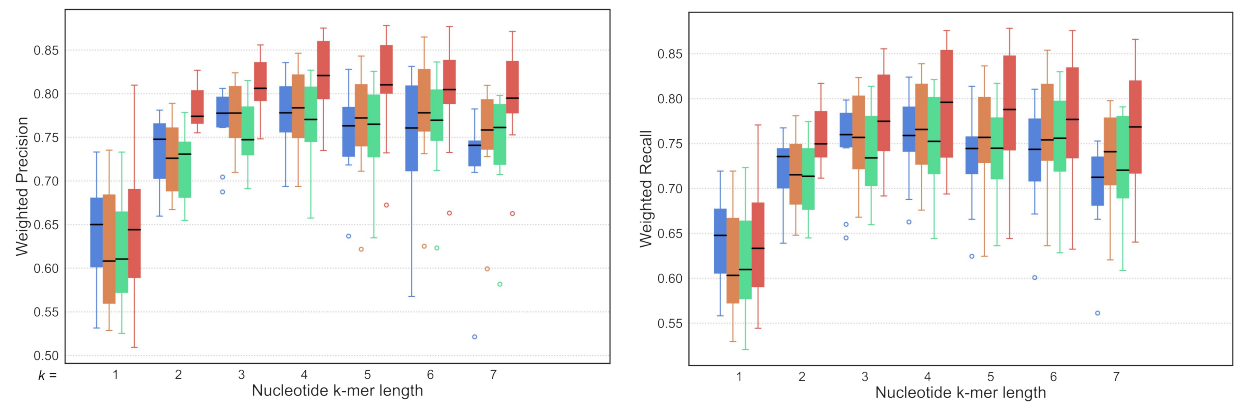
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Supplementary figures

A. Closely related



B. Non-overlapping genera



C. Non-overlapping families

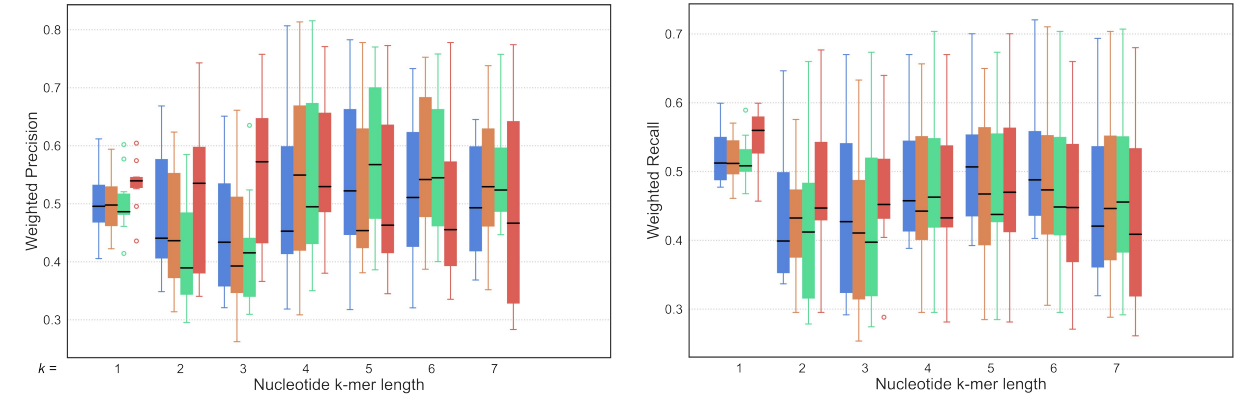


Figure S1. Precision (left panel) and recall (right panel) of models trained to predict virus hosts using nucleotide feature sets in various dataset splitting strategies: all families represented in both training and test samples (closely related) (A); genera presented in the test sample were not included in the training dataset (non-overlapping genera) (B); families presented in the test sample were not included in the training dataset (non-overlapping families) (C). Boxplots indicate distribution of weighted F1-scores for ten train-test split replicates. The models trained in this study: RF - blue, LGBM – orange, XGB – green, and SVC – red.

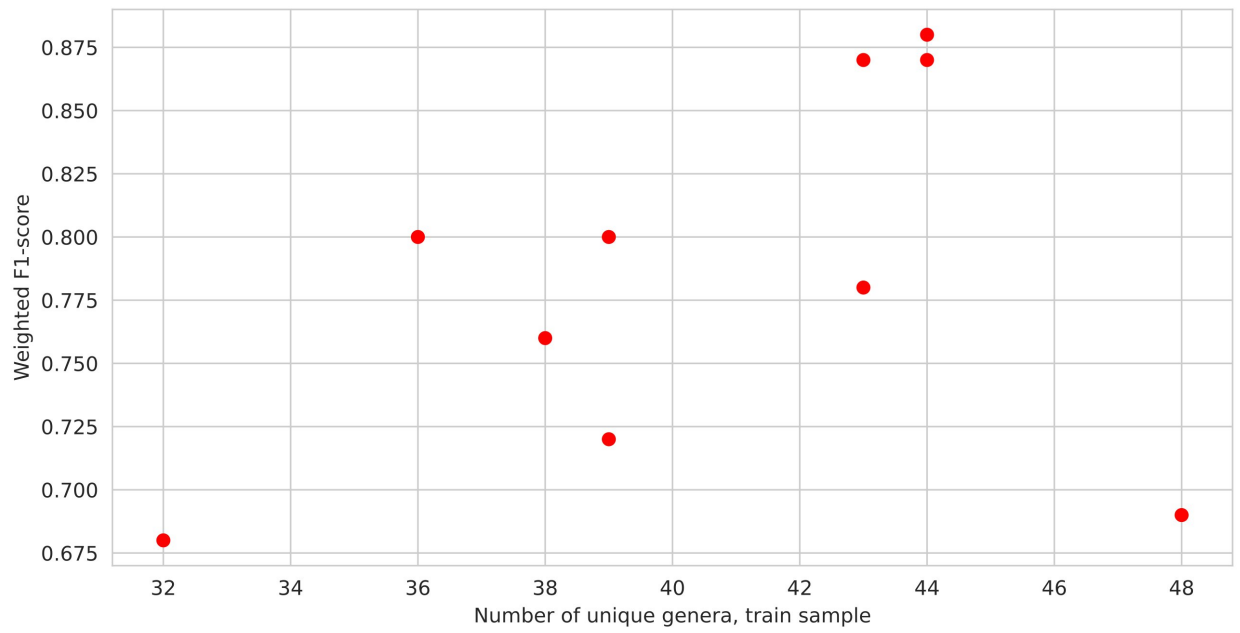


Figure S2. Impact of the number of unique genera in training sample on the weighted F1-score. F1-scores are shown for the top-performing model (SVC trained on nucleotide 4-mers) in ten independent realizations of non-overlapping genera train-test split.

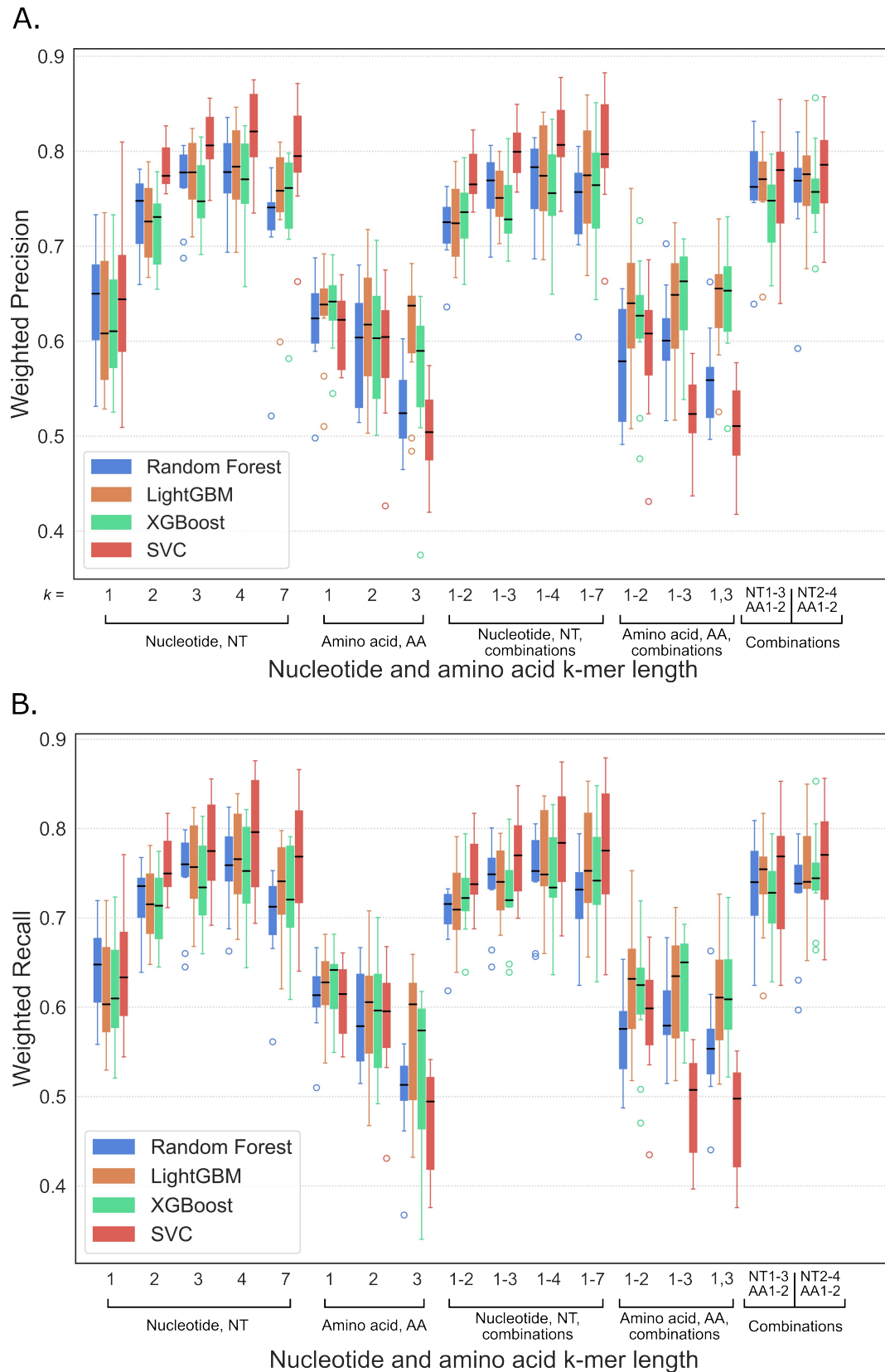


Figure S3. Precision (A) and recall (B) of models trained to predict virus hosts using nucleotide, amino acid feature sets and their combinations. Genera presented in the test dataset were not used during training (non-overlapping genera). Boxplots indicate distribution of weighted F1-scores for ten train-test split replicates. The models trained in this study: RF – blue, LGBM – orange, XGB – green, and SVC – red.

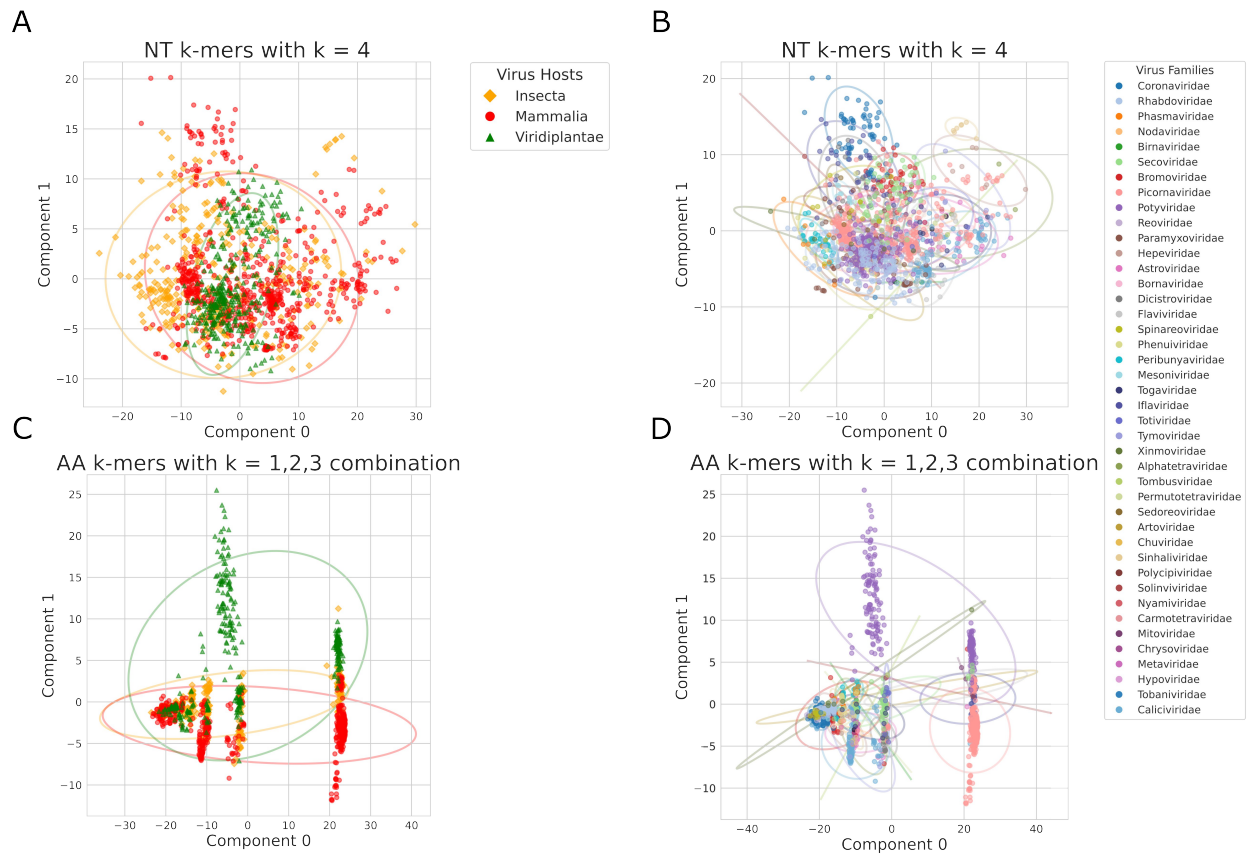


Figure S4. PCA plot for virus genomes represented as nucleotide (A, B) and amino acid (C, D) k -mer frequencies, with k -mer lengths indicated above each panel. Points are colored according to susceptible host (left column) and to virus family (right column).

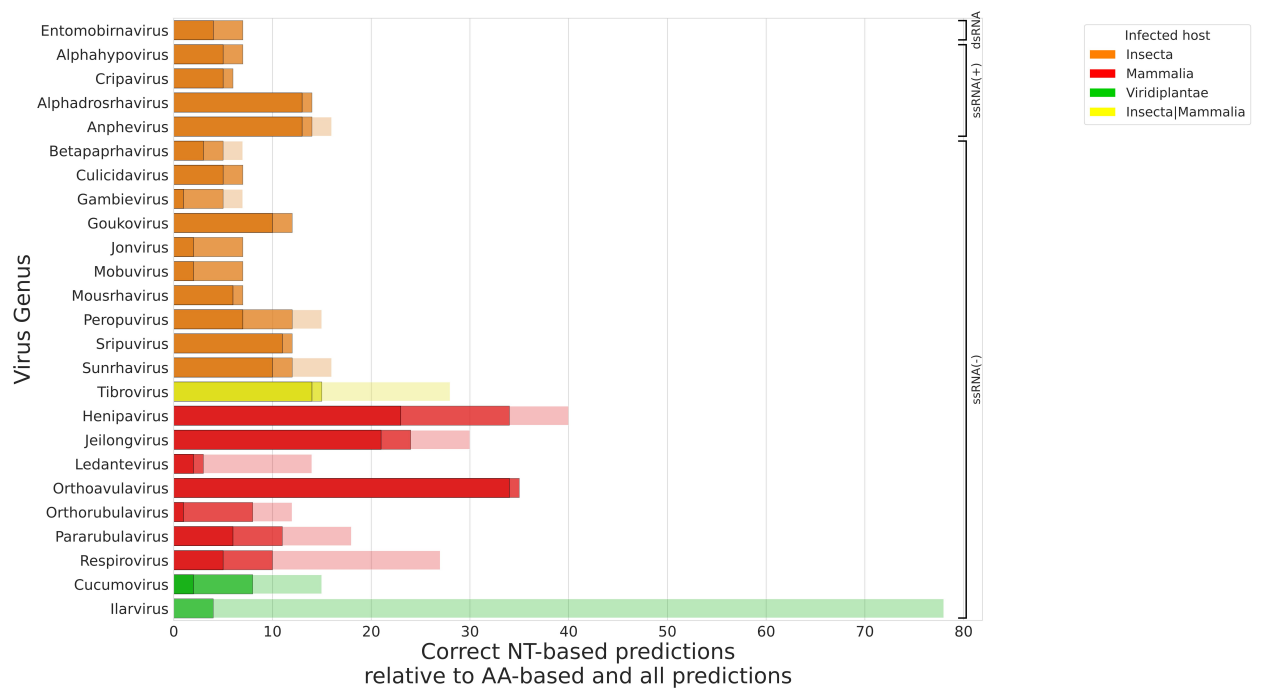


Figure S5. Host prediction accuracy for virus genera where models trained on amino acid k -mers (XGB; $k=1,2,3$) outperformed nucleotide k -mer models (SVC; 4-mers). Bars depict the total predictions aggregated across 10 train-test iterations (non-overlapping genera scheme), with darker shading indicating correct predictions by the top amino acid k -mer model and darkest shading showing correct predictions by the top nucleotide k -mer model. Virus families are grouped by genome type (ssRNA(+), ssRNA(-), dsRNA) and colored by susceptible host type.

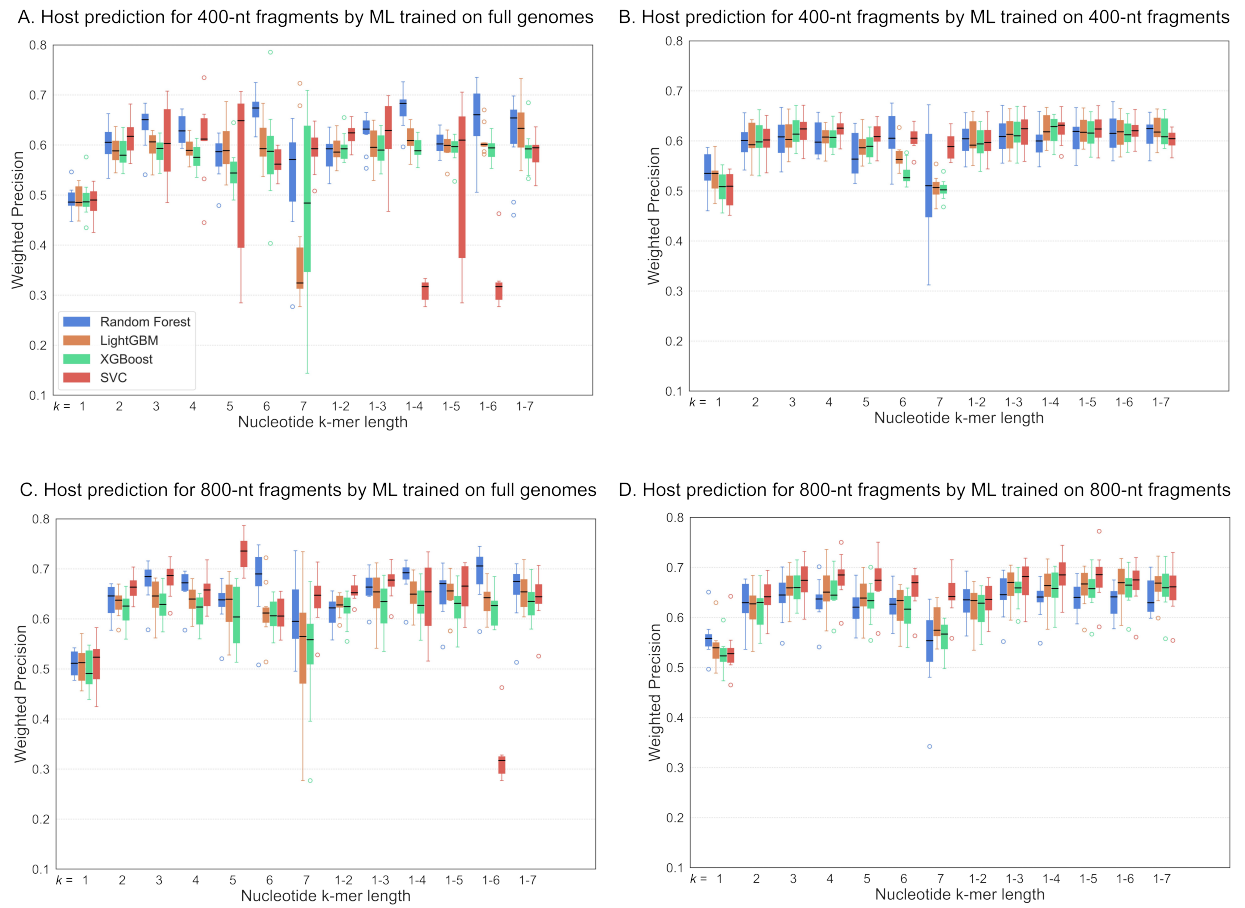


Figure S6. Weighted precision of models tested to predict virus hosts on fragments

datasets: classifier trained on full genomes and tested on 400-nt fragments (A); classifier trained and tested on the same length 400-nt fragments (B); classifier trained on full genomes and tested on 800-nt fragments (C); classifier trained and tested on the same length 800-nt fragments (D). Boxplots indicate the distribution of weighted F1-scores for ten train-test split replicates. The models trained in this study: RF – blue, LGBM – orange, XGB – green, and SVC – red.

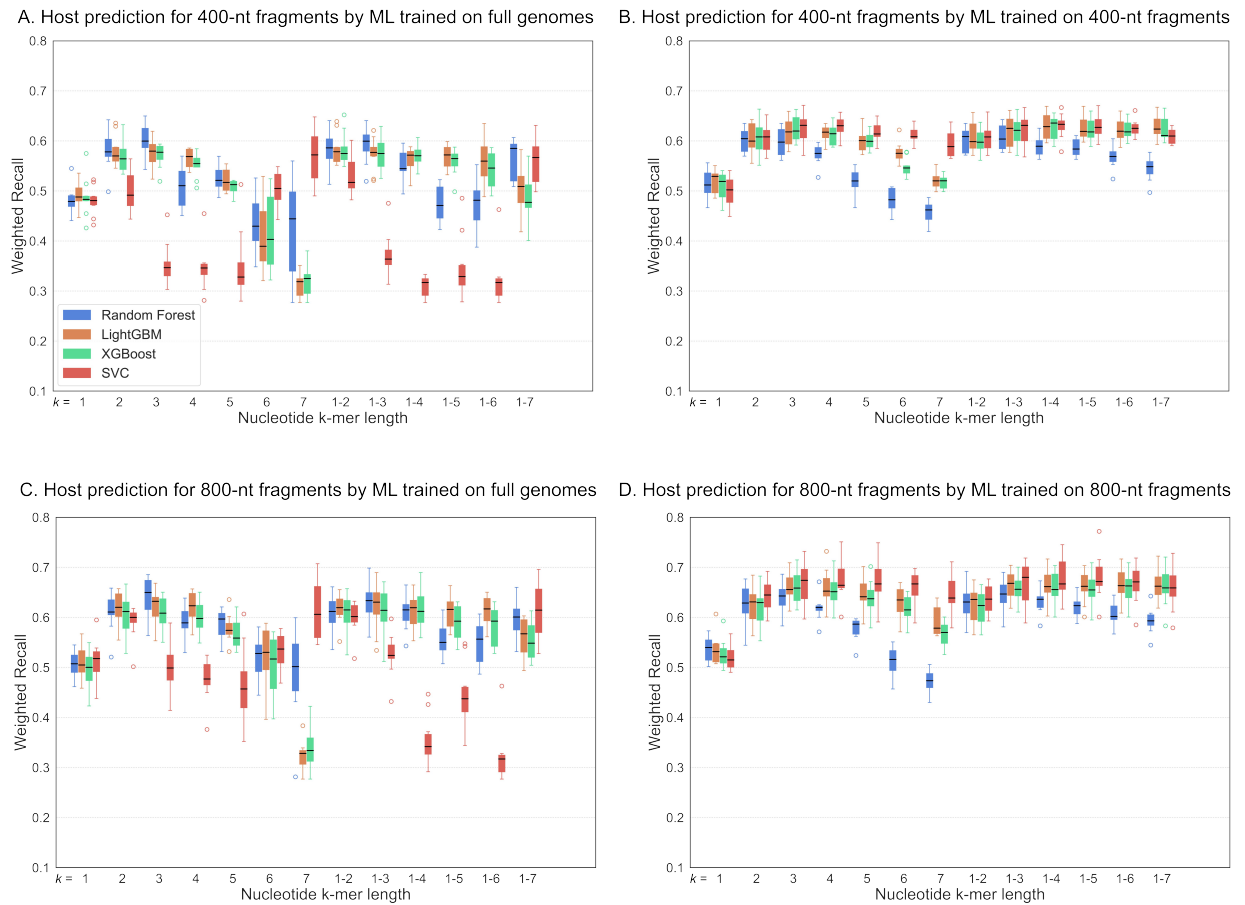


Figure S7. Weighted recall of models tested to predict virus hosts on fragments datasets: classifier trained on full genomes and tested on 400-nt fragments (A); classifier trained and tested on the same length 400-nt fragments (B); classifier trained on full genomes and tested on 800-nt fragments (C); classifier trained and tested on the same length 800-nt fragments (D). Boxplots indicate the distribution of weighted F1-scores for ten train-test split replicates. The models trained in this study: RF – blue, LGBM – orange, XGB – green, and SVC – red).

Table S1. Virus genomes used in the study.

refseq id	virus family	virus tax id	virus name	virus host	host name	virus genus	genome type
NC_001846	Coronaviridae	11138	Murine hepatitis virus	Mammalia	Mus musculus	Betacoronavirus	ssRNA(+)
NC_026798	Rhabdoviridae	1587515	Black grass varicosavirus-like virus	Viridiplantae	Alopecurus myosuroides	Varicosavirus	ssRNA(-)
NC_055213	Phasmaviridae	2010276	Culex phasma-like virus	Insecta	Culex quinquefasciatus	Orthophasmavirus	ssRNA(-)
NC_001411	Nodaviridae	12285	Black beetle virus	Insecta	Heteronychus arator	Alphanodavirus	ssRNA(+)
NC_016517	Birnaviridae	1127767	Espirito Santo virus	Insecta	Aedes albopictus	unclassified Birnaviridae	dsRNA
NC_006964	Secoviridae	28351	Strawberry latent ringspot virus	Viridiplantae	Fragaria x ananassa	Stralarivirus	ssRNA(+)
NC_012134	Bromoviridae	578305	Gayfeather mild mottle virus	Viridiplantae	Liatris spicata	Cucumovirus	ssRNA(+)
NC_043447	Secoviridae	2340870	Potato virus B	Viridiplantae	Solanum tuberosum	Nepovirus	ssRNA(+)
NC_018402	Bromoviridae	1195163	Amazon lily mild mottle virus	Viridiplantae	Eucharis x grandiflora	Anulavirus	ssRNA(+)
NC_022798	Secoviridae	257464	Potato black ringspot virus	Viridiplantae	Solanum tuberosum	Nepovirus	ssRNA(+)
NC_013075	Secoviridae	661101	Tomato chocolate spot virus	Viridiplantae	Solanum lycopersicum	Torradovirus	ssRNA(+)
NC_003541	Bromoviridae	12303	Cowpea chlorotic mottle virus	Viridiplantae	Glycine max	Bromovirus	ssRNA(+)
NC_003738	Secoviridae	12262	Red clover mottle virus	Viridiplantae	Trifolium pratense	Comovirus	ssRNA(+)
NC_022004	Secoviridae	649890	Broad bean true mosaic virus	Viridiplantae	Vicia faba	Comovirus	ssRNA(+)
AF162711	Picornaviridae	41846	Echovirus E30	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
NC_035191	Coronaviridae	1508228	Wencheng Sm shrew coronavirus	Mammalia	Suncus murinus	Alphacoronavirus	ssRNA(+)
NC_055393	Phasmaviridae	2546222	Anopheles triannulatus orthophasmavi	Insecta	Anopheles triannulatus	Orthophasmavirus	ssRNA(-)
NC_038759	Secoviridae	1131416	Cucurbit mild mosaic virus	Viridiplantae	Cucurbita	Fabavirus	ssRNA(+)
NC_040435	Bromoviridae	2419940	Tea plant line pattern virus	Viridiplantae	Camellia sinensis	Ilarvirus	ssRNA(+)
NC_003549	Secoviridae	12264	Cowpea mosaic virus	Viridiplantae	Cajanus cajan	Comovirus	ssRNA(+)
NC_003799	Secoviridae	12263	Squash mosaic virus	Viridiplantae	Cucumis melo	Comovirus	ssRNA(+)
NC_002349	Potyviridae	75746	Wheat yellow mosaic virus	Viridiplantae	Triticum aestivum	Bymovirus	ssRNA(+)
NC_006056	Secoviridae	12271	Arabis mosaic virus	Viridiplantae	Humulus lupulus	Nepovirus	ssRNA(+)
NC_004120	Bromoviridae	188141	Spring beauty latent virus	Viridiplantae	Arabidopsis thaliana	Bromovirus	ssRNA(+)
HM185056	Picornaviridae	12062	Echovirus E6	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
NC_039077	Secoviridae	1855510	Prunus virus F	Viridiplantae	Prunus avium	Fabavirus	ssRNA(+)
NC_034440	Coronaviridae	1508220	Bat coronavirus	Mammalia	Eidolon helvum	unclassified Coronavi	ssRNA(+)
NC_003836	Bromoviridae	12315	Tomato aspermy virus	Viridiplantae	Solanum lycopersicum	Cucumovirus	ssRNA(+)
NC_003693	Secoviridae	191547	Beet ringspot virus	Viridiplantae	Vitis	Nepovirus	ssRNA(+)
NC_015492	Secoviridae	748667	Grapevine Bulgarian latent virus	Viridiplantae	Vitis vinifera	Nepovirus	ssRNA(+)
NC_011808	Bromoviridae	39681	Asparagus virus 2	Viridiplantae	Asparagus officinalis	Ilarvirus	ssRNA(+)
NC_029036	Secoviridae	1476584	Currant latent virus	Viridiplantae	Ribes rubrum	Cheravirus	ssRNA(+)
NC_043642	Phasmaviridae	1931095	Ganda bee virus	Insecta	Osmia cornuta	Orthophasmavirus	ssRNA(-)
AM235750	Picornaviridae	362784	Human parechovirus 4	Mammalia	Homo sapiens	Parechovirus	ssRNA(+)
NC_007559	Reoviridae	352248	Operophtera brumata reovirus	Insecta	Operophtera brumata	unclassified Reovirales	dsRNA
NC_025479	Secoviridae	1425364	Carrot torradovirus 1	Viridiplantae	Daucus carota	Torradovirus	ssRNA(+)
NC_040416	Secoviridae	2170039	Potato virus U	Viridiplantae	Solanum tuberosum	Nepovirus	ssRNA(+)
NC_038745	Phasmaviridae	1980540	Nome phantom orthophasmavirus	Insecta	Chaoborus	Orthophasmavirus	ssRNA(-)
NC_040389	Bromoviridae	2052851	Sambucus virus S	Viridiplantae	Sambucus nigra	Bromovirus	ssRNA(+)
NC_031763	Secoviridae	2170181	Dioscorea mosaic associated virus	Viridiplantae	Dioscorea cayenensis subsp.	Sadwavirus	ssRNA(+)
NC_003833	Bromoviridae	151043	Tulare apple mosaic virus	Viridiplantae	Cucumis sativus	Ilarvirus	ssRNA(+)
NC_003615	Secoviridae	12274	Grapevine fanleaf virus	Viridiplantae	Vitis vinifera	Nepovirus	ssRNA(+)
NC_023420	Reoviridae	1427476	Cimodo virus	Insecta	Aedes albopictus	unclassified Reovirales	dsRNA
NC_039072	Secoviridae	1849838	Grapevine fabavirus	Viridiplantae	Vitis vinifera	Fabavirus	ssRNA(+)
NC_025477	Bromoviridae	722755	Lilac leaf chlorosis virus	Viridiplantae	Syringa vulgaris	Ilarvirus	ssRNA(+)
NC_043684	Secoviridae	46075	Artichoke Italian latent virus	Viridiplantae	Lamium amplexicaule	Nepovirus	ssRNA(+)
NC_006271	Secoviridae	202566	Cherry rasp leaf virus	Viridiplantae	Malus domestica	Cheravirus	ssRNA(+)
NC_040392	Bromoviridae	2116599	Cape gooseberry ilarvirus 1	Viridiplantae	Physalis peruviana	Ilarvirus	ssRNA(+)

NC_039074	Bromoviridae	1637492	Tomato necrotic streak virus	Viridiplantae	Solanum lycopersicum	Ilarvirus	ssRNA(+)
NC_035215	Secoviridae	1810396	Squash chlorotic leaf spot virus	Viridiplantae	Cucurbita	Torradovirus	ssRNA(+)
NC_038706	Phasmaviridae	1664809	Jonchet virus	Insecta	Culex	Jonvirus	ssRNA(-)
NC_003544	Secoviridae	12261	Cowpea severe mosaic virus	Viridiplantae	Vigna unguiculata	Comovirus	ssRNA(+)
NC_009013	Secoviridae	370833	Tomato torrado virus	Viridiplantae	Capsicum annuum	Torradovirus	ssRNA(+)
NC_011558	Rhabdoviridae	1985698	Varicosavirus lactucae	Viridiplantae	Lactuca sativa	Varicosavirus	ssRNA(-)
NC_010415	Picornaviridae	1330521	Enterovirus J	Mammalia	Chlorocebus aethiops	Enterovirus	ssRNA(+)
NC_003445	Secoviridae	167161	Strawberry mottle virus	Viridiplantae	Fragaria vesca	Sadwavirus	ssRNA(+)
NC_003482	Potyviridae	12466	Barley mild mosaic virus	Viridiplantae	Hordeum vulgare	Bymovirus	ssRNA(+)
NC_038755	Rhabdoviridae	745716	Coffee ringspot virus	Viridiplantae	Nicotiana benthamiana	Dichorhavirus	ssRNA(-)
NC_002026	Bromoviridae	12302	Brome mosaic virus	Viridiplantae	Bromus inermis	Bromovirus	ssRNA(+)
NC_004169	Birnaviridae	48981	Drosophila X virus	Insecta	Drosophila melanogaster	Entomobirnavirus	dsRNA
NC_013218	Secoviridae	392504	Turnip ringspot virus	Viridiplantae	Brassica rapa subsp. rapa	Comovirus	ssRNA(+)
NC_027802	Reoviridae	1640277	Grapevine Cabernet Sauvignon reovirus	Viridiplantae	Vitis vinifera	unclassified Reovirales	dsRNA
NC_043038	Phasmaviridae	1608076	Shuangao Insect Virus 2	Insecta	Abraxas	Inshuvirus	ssRNA(-)
NC_002990	Potyviridae	12465	Barley yellow mosaic virus	Viridiplantae	Hordeum vulgare	Bymovirus	ssRNA(+)
NC_033492	Secoviridae	1935922	Petunia chlorotic mottle virus	Viridiplantae	Petunia x hybrida	Nepovirus	ssRNA(+)
AF311939	Picornaviridae	12073	Coxsackievirus B4	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
NC_001495	Bromoviridae	12321	Alfalfa mosaic virus	Viridiplantae	Cicer arietinum	Alfamovirus	ssRNA(+)
NC_023016	Secoviridae	1432135	Lamium mild mosaic virus	Viridiplantae	Lamium album	Fabavirus	ssRNA(+)
NC_013266	Bromoviridae	545259	Melandrium yellow fleck virus	Viridiplantae	Silene	Bromovirus	ssRNA(+)
NC_015414	Secoviridae	12615	Cherry leaf roll virus	Viridiplantae	Rheum	Nepovirus	ssRNA(+)
NC_011189	Secoviridae	487492	Mikania micrantha mosaic virus	Viridiplantae	Mikania micrantha	Fabavirus	ssRNA(+)
NC_011553	Bromoviridae	339420	Blackberry chlorotic ringspot virus	Viridiplantae	Fragaria	Ilarvirus	ssRNA(+)
NC_008037	Bromoviridae	33760	Prune dwarf virus	Viridiplantae	Prunus	Ilarvirus	ssRNA(+)
NC_003839	Secoviridae	12280	Tomato ringspot virus	Viridiplantae	Prunus	Nepovirus	ssRNA(+)
NC_028139	Secoviridae	128790	Bean rugose mosaic virus	Viridiplantae	Glycine max	Comovirus	ssRNA(+)
NC_052230	Rhabdoviridae	1956177	Citrus leprosis virus N	Viridiplantae	Citrus sinensis	Dichorhavirus	ssRNA(-)
NC_003451	Bromoviridae	134632	American plum line pattern virus	Viridiplantae	Prunus salicina	Ilarvirus	ssRNA(+)
NC_006566	Bromoviridae	255238	Fragaria chiloensis latent virus	Viridiplantae	Fragaria chiloensis	Ilarvirus	ssRNA(+)
NC_005289	Secoviridae	50817	Broad bean wilt virus 1	Viridiplantae	Spinacia oleracea	Fabavirus	ssRNA(+)
NC_001440	Bromoviridae	12305	Cucumber mosaic virus	Viridiplantae	Cucumis melo	Cucumovirus	ssRNA(+)
NC_016443	Secoviridae	1120751	Chocolate lily virus A	Viridiplantae	Dichopogon	Sadwavirus	ssRNA(+)
NC_040498	Reoviridae	2250219	Chiqui virus	Insecta	Aedes albopictus	unclassified Spinareovi	dsRNA
NC_020897	Secoviridae	257463	Arracacha virus B	Viridiplantae	Oxalis tuberosa	Cheravirus	ssRNA(+)
NC_008182	Secoviridae	367301	Black raspberry necrosis virus	Viridiplantae	Vigna unguiculata	Sadwavirus	ssRNA(+)
NC_032107	Coronaviridae	1920748	NL63-related bat coronavirus	Mammalia	Triaenops afer	Alphacoronavirus	ssRNA(+)
AF241359	Picornaviridae	200154	Enterovirus B73	Mammalia	Macaca mulatta	Enterovirus	ssRNA(+)
NC_014598	Reoviridae	907191	Raspberry latent virus	Viridiplantae	Rubus	unclassified Reovirales	dsRNA
NC_004362	Bromoviridae	37733	Prunus necrotic ringspot virus	Viridiplantae	Cucumis sativus	Ilarvirus	ssRNA(+)
NC_003791	Secoviridae	173976	Cycas necrotic stunt virus	Viridiplantae	Cycas revoluta	Nepovirus	ssRNA(+)
NC_030750	Phasmaviridae	1608107	Wuhan Insect virus 2	Insecta	Hyalopterus pruni	Wuhivirus	ssRNA(-)
NC_027926	Secoviridae	1481465	Tomato necrotic dwarf virus	Viridiplantae	Solanum lycopersicum	Torradovirus	ssRNA(+)
NC_003808	Bromoviridae	42680	Spinach latent virus	Viridiplantae	Spinacia oleracea	Ilarvirus	ssRNA(+)
NC_004006	Bromoviridae	12301	Broad bean mottle virus	Viridiplantae	Cicer arietinum	Bromovirus	ssRNA(+)
NC_003003	Secoviridae	76875	Broad bean wilt virus 2	Viridiplantae	Megaskepasma erythrochlam	Fabavirus	ssRNA(+)
NC_016874	Reoviridae	1004049	Spissistilus festinus reovirus	Insecta	Spissistilus festinus	unclassified Reovirales	dsRNA
NC_018383	Secoviridae	223769	Grapevine Anatolian ringspot virus	Viridiplantae	Vitis vinifera	Nepovirus	ssRNA(+)
NC_008706	Bromoviridae	243563	Strawberry necrotic shock virus	Viridiplantae	Fragaria	Ilarvirus	ssRNA(+)
NC_003842	Bromoviridae	12317	Tobacco streak virus	Viridiplantae	Glycine max	Ilarvirus	ssRNA(+)

NC_055208	Rhabdoviridae	1980624 Citrus chlorotic spot virus	Viridiplantae	Citrus sinensis	Dichorhavirus	ssRNA(-)
NC_009608	Rhabdoviridae	152177 Dichorhavirus orchidaceae	Viridiplantae	Cymbidium	Dichorhavirus	ssRNA(-)
NC_022127	Bromoviridae	2755028 Ageratum latent virus 1998	Viridiplantae	Ageratum houstonianum	Ilarvirus	ssRNA(+)
NC_006999	Bromoviridae	300879 Cassia yellow blotch virus	Viridiplantae	Arabidopsis thaliana	Bromovirus	ssRNA(+)
NC_005096	Secoviridae	12282 Tobacco ringspot virus	Viridiplantae	Portulaca	Nepovirus	ssRNA(+)
NC_028144	Potyviridae	59500 Rice necrosis mosaic virus	Viridiplantae	Oryza sativa	Bymovirus	ssRNA(+)
NC_034214	Secoviridae	65068 Peach rosette mosaic virus	Viridiplantae	Vitis	Nepovirus	ssRNA(+)
NC_055290	Rhabdoviridae	1406950 North Creek virus	Insecta	Culex sitiens	Ohlshavirus	ssRNA(-)
NC_003464	Bromoviridae	12319 Apple mosaic virus	Viridiplantae	Betula	Ilarvirus	ssRNA(+)
NC_003787	Secoviridae	101688 Apple latent spherical virus	Viridiplantae	Malus domestica	Cheravirus	ssRNA(+)
NC_027928	Bromoviridae	2169960 Privet ringspot virus	Viridiplantae	Ligustrum japonicum	Ilarvirus	ssRNA(+)
NC_003785	Secoviridae	47416 Satsuma dwarf virus	Viridiplantae	Citrus sinensis	Sadwavirus	ssRNA(+)
AJ276479	Bromoviridae	255721 Cucumber mosaic virus (strain Mf)	Viridiplantae	Silene firma	Cucumovirus	ssRNA(+)
NC_006064	Bromoviridae	269213 Humulus japonicus latent virus	Viridiplantae	Humulus japonicus	Ilarvirus	ssRNA(+)
NC_038763	Secoviridae	1071488 Blueberry latent spherical virus	Viridiplantae	Luffa aegyptiaca	Nepovirus	ssRNA(+)
NC_038761	Secoviridae	1962503 Aeonium ringspot virus	Viridiplantae	Nicotiana benthamiana	Nepovirus	ssRNA(+)
AY685920	Paramyxoviridae	301186 Mumps virus strain L-Zagreb	Mammalia	Homo sapiens	Orthorubulavirus	ssRNA(-)
HF585099	Potyviridae	587197 Plum pox virus strain Marcus	Viridiplantae	Prunus domestica	Potyvirus	ssRNA(+)
NC_040399	Secoviridae	2058094 Red clover nepovirus A	Viridiplantae	Trifolium pratense	Nepovirus	ssRNA(+)
NC_004439	Secoviridae	12275 Tomato black ring virus	Viridiplantae	Vitis sp.	Nepovirus	ssRNA(+)
NC_035214	Secoviridae	1358807 Lettuce necrotic leaf curl virus	Viridiplantae	Lactuca sativa	Torradovirus	ssRNA(+)
NC_035218	Secoviridae	1561160 Motherwort yellow mottle virus	Viridiplantae	Leonurus sibiricus	Torradovirus	ssRNA(+)
NC_038767	Secoviridae	1527441 Mulberry mosaic leaf roll associated v	Viridiplantae	Morus alba	Nepovirus	ssRNA(+)
NC_004016	Potyviridae	157837 Oat mosaic virus	Viridiplantae	Avena sativa	Bymovirus	ssRNA(+)
NC_004142	Nodaviridae	12286 Boolarra virus	Insecta	Drosophila melanogaster	Alphanodavirus	ssRNA(+)
NC_003621	Secoviridae	12273 Grapevine chrome mosaic virus	Viridiplantae	Apium graveolens	Nepovirus	ssRNA(+)
NC_003691	Nodaviridae	103782 Pariacoto virus	Insecta	Spodoptera eridania	Alphanodavirus	ssRNA(+)
NC_003546	Bromoviridae	37126 Citrus leaf rugose virus	Viridiplantae	Citrus	Ilarvirus	ssRNA(+)
NC_003649	Bromoviridae	116056 Pelargonium zonate spot virus	Viridiplantae	Diplotaxis erucoides	Anulavirus	ssRNA(+)
NC_040507	Potyviridae	35285 Wheat spindle streak mosaic virus	Viridiplantae	Triticum aestivum	Bymovirus	ssRNA(+)
NC_005266	Secoviridae	12809 Raspberry ringspot virus	Viridiplantae	Vitis vinifera	Nepovirus	ssRNA(+)
NC_043648	Rhabdoviridae	1064520 Clerodendrum chlorotic spot virus	Viridiplantae	Clerodendrum	Dichorhavirus	ssRNA(-)
NC_040469	Bromoviridae	1779339 Apple necrotic mosaic virus	Viridiplantae	Malus domestica	Ilarvirus	ssRNA(+)
NC_010709	Secoviridae	328061 Radish mosaic virus	Viridiplantae	Brassicaceae	Comovirus	ssRNA(+)
NC_003502	Secoviridae	65743 Blackcurrant reversion virus	Viridiplantae	Chenopodium quinoa	Nepovirus	ssRNA(+)
NC_038765	Secoviridae	669377 Melon mild mottle virus	Viridiplantae	Cucumis melo	Nepovirus	ssRNA(+)
NC_002038	Bromoviridae	12313 Peanut stunt virus	Viridiplantae	Vigna unguiculata	Cucumovirus	ssRNA(+)
NC_034462	Phasmaviridae	1980539 Kigluaik phantom orthophasmavirus	Insecta	Chaoborus trivitatus	Orthophasmavirus	ssRNA(-)
NC_025482	Bromoviridae	1464778 Cassava Ivorian bacilliform virus	Viridiplantae	Manihot esculenta	Anulavirus	ssRNA(+)
AB426611	Picornaviridae	325446 Enterovirus B97	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
NC_031293	Phasmaviridae	1608097 Wuchang Cockroach Virus 1	Insecta	Blattella germanica	Orthophasmavirus	ssRNA(-)
NC_017938	Secoviridae	233784 Grapevine deformation virus	Viridiplantae	Vitis vinifera	Nepovirus	ssRNA(+)
NC_043031	Phasmaviridae	1664810 Ferak virus	Insecta	Aedes albopictus	Feravirus	ssRNA(-)
NC_022251	Bromoviridae	747056 Blueberry shock virus	Viridiplantae	Vaccinium	Ilarvirus	ssRNA(+)
EF555644	Picornaviridae	1295563 Enterovirus C99	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
NC_032270	Secoviridae	1927714 Soybean latent spherical virus	Viridiplantae	Glycine max	Nepovirus	ssRNA(+)
NC_003671	Bromoviridae	33773 Olive latent virus 2	Viridiplantae	Nicotiana benthamiana	Oleavirus	ssRNA(+)
NC_010987	Secoviridae	470166 Tomato marchitez virus	Viridiplantae	Solanum lycopersicum	Torradovirus	ssRNA(+)
NC_043624	Phasmaviridae	1892235 Seattle Prectang virus	Insecta	Pasiphila rectangulata	Orthophasmavirus	ssRNA(-)
NC_005848	Bromoviridae	64958 Parietaria mottle virus	Viridiplantae	Capsicum annuum	Ilarvirus	ssRNA(+)

NC_027567	Reoviridae	1670669	Lutzomyia reovirus 1	Insecta	Lutzomyia longipalpis	unclassified Reovirales dsRNA	
NC_003568	Bromoviridae	56486	Elm mottle virus	Viridiplantae	Chenopodium quinoa	Illavirus	ssRNA(+)
AB073912	Hepeviridae	63421	Swine hepatitis E virus	Mammalia	Sus scrofa	Paslahepevirus	ssRNA(+)
AB090161	Picornaviridae	204729	Theiler's-like virus of rats	Mammalia	Mesocricetus auratus	Cardiovirus	ssRNA(+)
AB194796	Potyviridae	300942	Turnip mosaic virus (isolate UK1)	Viridiplantae	Brassica rapa subsp. rapa	Potyvirus	ssRNA(+)
AB205396	Picornaviridae	42776	Coxsackievirus A18	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AB252582	Picornaviridae	411152	Human parechovirus 6	Mammalia	Homo sapiens	Parechovirus	ssRNA(+)
AB593690	Hepeviridae	509628	Hepatitis E virus type 3	Mammalia	Homo sapiens	Paslahepevirus	ssRNA(+)
AB678778	Picornaviridae	86107	Coxsackievirus A6	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AF039205	Picornaviridae	74561	Coxsackievirus B6	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AF081485	Picornaviridae	82639	Coxsackievirus B2	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AF083069	Picornaviridae	40280	Echovirus E5	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AF123432	Picornaviridae	106607	Bovine enterovirus strain K2577	Mammalia	Bos taurus	Enterovirus	ssRNA(+)
AF123433	Picornaviridae	106608	Bovine enterovirus strain SL305	Mammalia	Bos taurus	Enterovirus	ssRNA(+)
AF201929	Coronaviridae	76344	Murine hepatitis virus strain 2	Mammalia	Mus musculus	Betacoronavirus	ssRNA(+)
AF260508	Astroviridae	43358	Human astrovirus 8	Mammalia	Homo sapiens	Mamastrovirus	ssRNA(+)
AF274010	Picornaviridae	12116	Foot and mouth disease virus C	Mammalia	Cricetulus griseus	Aphthovirus	ssRNA(+)
AF316321	Picornaviridae	150846	Enterovirus 5865/sin/000009	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AF327920	Picornaviridae	1001061	Ljunganvirus 1	Mammalia	Chlorocebus aethiops	Parechovirus	ssRNA(+)
AF327922	Picornaviridae	172317	Ljungan virus 145SL	Mammalia	Chlorocebus aethiops	Parechovirus	ssRNA(+)
AF338106	Paramyxoviridae	11168	Mumps virus strain Jeryl Lynn	Mammalia	Homo sapiens	Orthorubulavirus	ssRNA(-)
AF361253	Picornaviridae	168014	Equine rhinitis B virus 2	Mammalia	Equus caballus	Erbovirus	ssRNA(+)
AF457102	Paramyxoviridae	188538	Human parainfluenza virus 1 strain W	Mammalia	Homo sapiens	Respirovirus	ssRNA(-)
AF524867	Picornaviridae	12060	Echovirus E9	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AJ005695	Picornaviridae	39085	Human parechovirus 2	Mammalia	Homo sapiens	Parechovirus	ssRNA(+)
AJ132961	Picornaviridae	12080	Human poliovirus 1	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AJ577589	Picornaviridae	12078	Echovirus E11	Mammalia	Chlorocebus aethiops	Enterovirus	ssRNA(+)
AJ889866	Potyviridae	122280	Potato virus Y strain NTN	Viridiplantae	Solanum tuberosum	Potyvirus	ssRNA(+)
AJ889867	Potyviridae	317719	Potato virus Y strain Wilga 156	Viridiplantae	Solanum tuberosum	Potyvirus	ssRNA(+)
AJ889868	Potyviridae	317720	Potato virus Y strain Wilga 156var	Viridiplantae	Solanum tuberosum	Potyvirus	ssRNA(+)
AJ889918	Picornaviridae	195055	Human parechovirus 3	Mammalia	Homo sapiens	Parechovirus	ssRNA(+)
AM113988	Potyviridae	317718	Potato virus Y strain Wilga	Viridiplantae	Solanum tuberosum	Potyvirus	ssRNA(+)
AM157175	Potyviridae	31738	Plum pox virus strain El Amar	Viridiplantae	Prunus domestica	Potyvirus	ssRNA(+)
AY010722	Potyviridae	12207	Papaya ringspot virus W	Viridiplantae	Citrullus lanatus	Potyvirus	ssRNA(+)
AY278488	Coronaviridae	228407	SARS coronavirus BJ01	Mammalia	Chlorocebus aethiops	Betacoronavirus	ssRNA(+)
AY302539	Picornaviridae	47501	Echovirus E13	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AY302540	Picornaviridae	47502	Echovirus E14	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AY302541	Picornaviridae	47503	Echovirus E15	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AY302542	Picornaviridae	47504	Echovirus E16	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AY302543	Picornaviridae	47505	Echovirus E17	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AY302544	Picornaviridae	47507	Echovirus E19	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AY302545	Picornaviridae	35294	Echovirus E2	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AY302546	Picornaviridae	47508	Echovirus E20	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AY302547	Picornaviridae	47509	Echovirus E21	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AY302548	Picornaviridae	47510	Echovirus E24	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AY302549	Picornaviridae	45101	Echovirus E25	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AY302550	Picornaviridae	47511	Echovirus E26	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AY302551	Picornaviridae	45999	Echovirus E27	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AY302552	Picornaviridae	47512	Echovirus E29	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AY302553	Picornaviridae	47516	Echovirus E3	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)

AY302554	Picornaviridae	47513 Echovirus E31	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AY302555	Picornaviridae	47514 Echovirus E32	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AY302556	Picornaviridae	47515 Echovirus E33	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AY302557	Picornaviridae	35295 Echovirus E4	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AY302559	Picornaviridae	46018 Echovirus E7	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AY302560	Picornaviridae	171720 Enterovirus B69	Mammalia	Macaca mulatta	Enterovirus	ssRNA(+)
AY429470	Picornaviridae	12075 Swine vesicular disease virus	Mammalia	Sus scrofa	Enterovirus	ssRNA(+)
AY486084	Paramyxoviridae	70149 Measles virus strain Edmonston-Zagreb	Mammalia	Homo sapiens	Morbillivirus	ssRNA(-)
AY508697	Picornaviridae	269638 Bovine enterovirus type 2	Mammalia	Bos taurus	Enterovirus	ssRNA(+)
AY518894	Coronaviridae	270642 Human group 1 coronavirus associated	Mammalia	Homo sapiens	Alphacoronavirus	ssRNA(+)
AY556057	Picornaviridae	222889 Enterovirus B74	Mammalia	Macaca mulatta	Enterovirus	ssRNA(+)
AY556070	Picornaviridae	282345 Enterovirus B75	Mammalia	Macaca mulatta	Enterovirus	ssRNA(+)
AY575773	Potyviridae	29276 Bean common mosaic virus strain Blair	Viridiplantae	Vigna unguiculata subsp. sesquipedalis	Potyvirus	ssRNA(+)
AY593765	Picornaviridae	12111 Foot-and-mouth disease virus A	Mammalia	Bos taurus	Aphthovirus	ssRNA(+)
AY593796	Picornaviridae	110195 Foot-and-mouth disease virus Asia 1	Mammalia	Bos taurus	Aphthovirus	ssRNA(+)
AY593806	Picornaviridae	46290 Foot-and-mouth disease virus C3	Mammalia	Cricetinae	Aphthovirus	ssRNA(+)
AY593809	Picornaviridae	46292 Foot-and-mouth disease virus C5	Mammalia	Cricetinae	Aphthovirus	ssRNA(+)
AY593840	Picornaviridae	12122 Foot-and-mouth disease virus SAT 1	Mammalia	Sus scrofa	Aphthovirus	ssRNA(+)
AY593847	Picornaviridae	35292 Foot-and-mouth disease virus SAT 2	Mammalia	Sus scrofa	Aphthovirus	ssRNA(+)
AY593851	Picornaviridae	12123 Foot-and-mouth disease virus SAT 3	Mammalia	Ovis aries	Aphthovirus	ssRNA(+)
AY686687	Picornaviridae	290057 Foot-and-mouth disease virus O/ES/2001	Mammalia	Sus scrofa	Aphthovirus	ssRNA(+)
AY751783	Picornaviridae	185907 rhinovirus A39	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AY773285	Picornaviridae	297248 Enterovirus A90	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AY843297	Picornaviridae	2760813 enterovirus B79	Mammalia	Macaca mulatta	Enterovirus	ssRNA(+)
AY843298	Picornaviridae	318563 Enterovirus B80	Mammalia	Macaca mulatta	Enterovirus	ssRNA(+)
AY843299	Picornaviridae	318564 Enterovirus B81	Mammalia	Macaca mulatta	Enterovirus	ssRNA(+)
AY843300	Picornaviridae	318565 Enterovirus B82	Mammalia	Macaca mulatta	Enterovirus	ssRNA(+)
AY843301	Picornaviridae	318566 Enterovirus B83	Mammalia	Macaca mulatta	Enterovirus	ssRNA(+)
AY843302	Picornaviridae	222887 Enterovirus B77	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AY843303	Picornaviridae	318568 Enterovirus B85	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AY843304	Picornaviridae	318569 Enterovirus B86	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AY843305	Picornaviridae	318570 Enterovirus B87	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AY843306	Picornaviridae	318571 Enterovirus B88	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AY843308	Picornaviridae	408681 Enterovirus B101	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
AY876912	Picornaviridae	310755 Human enterovirus Ningbo3-02	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
DQ011855	Coronaviridae	42005 Porcine hemagglutinating encephalomyelitis virus	Mammalia	Sus scrofa	Betacoronavirus	ssRNA(+)
DQ028633	Astroviridae	35741 Human astrovirus 5	Mammalia	Homo sapiens	Mamastrovirus	ssRNA(+)
DQ070852	Astroviridae	35300 Human astrovirus 4	Mammalia	Homo sapiens	Mamastrovirus	ssRNA(+)
DQ294633	Picornaviridae	12107 Mengo virus	Mammalia	Macaca mulatta	Cardiovirus	ssRNA(+)
DQ358078	Picornaviridae	42782 Coxsackievirus A20	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
DQ412042	Coronaviridae	347537 Bat SARS CoV Rf1/2004	Mammalia	Rhinolophus ferrumequinum	Betacoronavirus	ssRNA(+)
DQ412043	Coronaviridae	347536 Bat SARS CoV Rm1/2004	Mammalia	Rhinolophus macrotis	Betacoronavirus	ssRNA(+)
DQ473486	Picornaviridae	147681 rhinovirus B6	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
DQ473488	Picornaviridae	147679 Rhinovirus B48	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
DQ473489	Picornaviridae	185926 rhinovirus B70	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
DQ473490	Picornaviridae	185889 rhinovirus B4	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
DQ473491	Picornaviridae	185909 rhinovirus A41	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
DQ473492	Picornaviridae	185928 rhinovirus A73	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
DQ473493	Picornaviridae	185894 rhinovirus A15	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
DQ473494	Picornaviridae	185929 rhinovirus A74	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)

DQ473497	Picornaviridae	12135 rhinovirus A23	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
DQ473499	Picornaviridae	185910 Human rhinovirus A44	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
DQ473500	Picornaviridae	185918 rhinovirus A59	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
DQ473504	Picornaviridae	185939 rhinovirus A88	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
DQ473505	Picornaviridae	147673 rhinovirus A36	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
DQ473506	Picornaviridae	167324 rhinovirus A46	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
DQ473507	Picornaviridae	185913 rhinovirus A53	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
DQ473508	Picornaviridae	147672 rhinovirus A28	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
DQ473510	Picornaviridae	185930 rhinovirus A75	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
DQ473511	Picornaviridae	185915 rhinovirus A55	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
DQ648794	Coronaviridae	389230 Bat coronavirus (BtCoV/133/2005)	Mammalia	Tylonycteris pachypus	Betacoronavirus	ssRNA(+)
DQ811787	Coronaviridae	398815 Porcine respiratory coronavirus ISU-1	Mammalia	Sus scrofa	Alphacoronavirus	ssRNA(+)
DQ848678	Coronaviridae	12663 Feline coronavirus	Mammalia	Felis catus	Alphacoronavirus	ssRNA(+)
DQ851494	Potyviridae	400395 Peace lily mosaic virus	Viridiplantae	Spathiphyllum patinii	Potyvirus	ssRNA(+)
DQ902712	Picornaviridae	318567 Enterovirus B84	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
DQ902713	Picornaviridae	325447 Enterovirus B100	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
DQ995634	Picornaviridae	42770 Coxsackievirus A11	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
DQ995640	Picornaviridae	42772 Coxsackievirus A13	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
DQ995647	Picornaviridae	42783 Coxsackievirus A22	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
EF015886	Picornaviridae	325445 Enterovirus C96	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
EF017707	Potyviridae	12206 Papaya ringspot virus P	Viridiplantae	Carica papaya	Potyvirus	ssRNA(+)
EF065510	Coronaviridae	424364 Bat coronavirus HKU5-2	Mammalia	Pipistrellus abramus	Betacoronavirus	ssRNA(+)
EF065514	Coronaviridae	424368 Bat coronavirus HKU9-2	Mammalia	Rousettus leschenaultii	Betacoronavirus	ssRNA(+)
EF065515	Coronaviridae	424369 Bat coronavirus HKU9-3	Mammalia	Rousettus leschenaultii	Betacoronavirus	ssRNA(+)
EF065516	Coronaviridae	424370 Bat coronavirus HKU9-4	Mammalia	Rousettus leschenaultii	Betacoronavirus	ssRNA(+)
EF107097	Picornaviridae	2015550 enterovirus D94	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
EF165067	Picornaviridae	2779847 cardiovirus D1	Mammalia	Homo sapiens	Cardiovirus	ssRNA(+)
EF173414	Picornaviridae	39767 rhinovirus A11	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
EF173415	Picornaviridae	147684 rhinovirus A12	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
EF173420	Picornaviridae	150904 rhinovirus B17	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
EF173423	Picornaviridae	147680 rhinovirus B37	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
EF173425	Picornaviridae	167327 rhinovirus B93	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
EF446615	Coronaviridae	136187 Equine coronavirus	Mammalia	Equus caballus	Betacoronavirus	ssRNA(+)
EF552688	Picornaviridae	461287 Foot-and-mouth disease virus O/UKG	Mammalia	Ovis aries	Aphthovirus	ssRNA(+)
EF555645	Picornaviridae	2760818 enterovirus C102	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
EF558545	Potyviridae	444180 Potato virus Y strain (N)W	Viridiplantae	Solanum tuberosum	Potyvirus	ssRNA(+)
EF582386	Picornaviridae	1418031 rhinovirus C5	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
EF667343	Picornaviridae	2870395 enterovirus A124	Mammalia	Chlorocebus aethiops	Enterovirus	ssRNA(+)
EF667344	Picornaviridae	469959 Enterovirus A92	Mammalia	Chlorocebus aethiops	Enterovirus	ssRNA(+)
EU140838	Picornaviridae	12101 Simian hepatitis A virus	Mammalia	Macaca mulatta	Hepatovirus	ssRNA(+)
EU142040	Picornaviridae	2870389 aquamavirus A1	Mammalia	Chlorocebus aethiops	Aquamavirus	ssRNA(+)
EU420137	Coronaviridae	393768 Bat coronavirus 1B	Mammalia	Miniopterus pusillus	Alphacoronavirus	ssRNA(+)
EU420138	Coronaviridae	694000 Miniopterus bat coronavirus 1	Mammalia	Miniopterus	Alphacoronavirus	ssRNA(+)
EU439428	Paramyxoviridae	505220 Swine parainfluenza virus 3	Mammalia	Sus scrofa	Respirovirus	ssRNA(-)
EU563512	Potyviridae	12217 Potato virus Y strain C	Viridiplantae	Capsicum	Potyvirus	ssRNA(+)
EU627591	Paramyxoviridae	11226 Human parainfluenza virus 4b	Mammalia	Homo sapiens	Orthorubulavirus	ssRNA(-)
EU716175	Picornaviridae	602074 Human parechovirus 8	Mammalia	Homo sapiens	Parechovirus	ssRNA(+)
FJ007373	Picornaviridae	1917071 enterovirus J103	Mammalia	Macaca mulatta	Enterovirus	ssRNA(+)
FJ445112	Picornaviridae	147714 rhinovirus B5	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445113	Picornaviridae	185890 rhinovirus A8	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)

FJ445114	Picornaviridae	185891 rhinovirus A9	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445116	Picornaviridae	185893 rhinovirus A13	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445118	Picornaviridae	147674 rhinovirus A18	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445119	Picornaviridae	185895 rhinovirus A19	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445120	Picornaviridae	147675 rhinovirus A20	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445121	Picornaviridae	44128 rhinovirus A21	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445122	Picornaviridae	185896 rhinovirus A22	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445123	Picornaviridae	185898 rhinovirus A25	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445124	Picornaviridae	185899 rhinovirus B26	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445126	Picornaviridae	185902 rhinovirus A31	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445127	Picornaviridae	185903 rhinovirus A32	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445128	Picornaviridae	185904 rhinovirus A33	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445129	Picornaviridae	185908 rhinovirus A40	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445130	Picornaviridae	147683 rhinovirus B42	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445131	Picornaviridae	167321 rhinovirus A43	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445132	Picornaviridae	147676 rhinovirus A45	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445133	Picornaviridae	185911 rhinovirus A47	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445134	Picornaviridae	44131 rhinovirus A49	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445135	Picornaviridae	44132 rhinovirus A50	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445136	Picornaviridae	185912 rhinovirus A51	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445138	Picornaviridae	185914 rhinovirus A54	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445140	Picornaviridae	185916 rhinovirus A56	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445141	Picornaviridae	185917 rhinovirus A57	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445142	Picornaviridae	44133 rhinovirus A58	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445143	Picornaviridae	185919 rhinovirus A60	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445144	Picornaviridae	185920 rhinovirus A61	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445146	Picornaviridae	185921 rhinovirus A63	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445147	Picornaviridae	44135 rhinovirus A65	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445148	Picornaviridae	185923 rhinovirus A66	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445149	Picornaviridae	185924 rhinovirus A67	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445150	Picornaviridae	185925 rhinovirus A68	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445151	Picornaviridae	147678 Rhinovirus B69	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445152	Picornaviridae	185927 rhinovirus A71	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445153	Picornaviridae	44137 rhinovirus B72	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445154	Picornaviridae	185932 rhinovirus A77	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445155	Picornaviridae	185933 rhinovirus B79	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445156	Picornaviridae	185934 rhinovirus A80	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445157	Picornaviridae	185935 Rhinovirus A81	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445160	Picornaviridae	167322 rhinovirus A82	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445161	Picornaviridae	185936 rhinovirus B83	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445162	Picornaviridae	167328 rhinovirus B84	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445163	Picornaviridae	185937 rhinovirus A85	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445164	Picornaviridae	185938 rhinovirus B86	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445165	Picornaviridae	12132 rhinovirus A89	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445167	Picornaviridae	185940 rhinovirus A90	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445168	Picornaviridae	167325 rhinovirus B91	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445169	Picornaviridae	167326 rhinovirus B92	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445171	Picornaviridae	185943 rhinovirus A96	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445172	Picornaviridae	167330 rhinovirus B97	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445173	Picornaviridae	185944 rhinovirus A98	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)

FJ445174	Picornaviridae	185945 rhinovirus B99	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445175	Picornaviridae	185946 rhinovirus A100	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445176	Picornaviridae	44136 rhinovirus A7	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445178	Picornaviridae	185892 rhinovirus A10	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445179	Picornaviridae	185901 rhinovirus A30	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445180	Picornaviridae	185906 rhinovirus A38	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445181	Picornaviridae	185922 rhinovirus A64	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445182	Picornaviridae	185931 rhinovirus A76	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445183	Picornaviridae	147685 rhinovirus A78	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445185	Picornaviridae	185941 rhinovirus A94	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445186	Picornaviridae	185900 rhinovirus B27	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445187	Picornaviridae	167329 rhinovirus B35	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445188	Picornaviridae	147677 rhinovirus B52	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445189	Picornaviridae	185905 rhinovirus A34	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ445190	Picornaviridae	185897 rhinovirus A24	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
FJ647224	Coronaviridae	502104 Murine coronavirus MHV-3	Mammalia	Mus musculus	Betacoronavirus	ssRNA(+)
FJ755402	Astroviridae	626160 Human astrovirus 1 Beijing/128/2005/	Mammalia	Homo sapiens	Mamastrovirus	ssRNA(+)
FJ755403	Astroviridae	626164 Human astrovirus 1 Beijing/176/2006/	Mammalia	Homo sapiens	Mamastrovirus	ssRNA(+)
FJ755404	Astroviridae	626180 Human astrovirus 1 Beijing/291/2007/	Mammalia	Homo sapiens	Mamastrovirus	ssRNA(+)
FJ755405	Astroviridae	626181 Human astrovirus 1 Beijing/293/2007/	Mammalia	Homo sapiens	Mamastrovirus	ssRNA(+)
FJ938051	Coronaviridae	502100 Feline coronavirus RM	Mammalia	Felis catus	Alphacoronavirus	ssRNA(+)
FJ938052	Coronaviridae	627432 Feline coronavirus UU11	Mammalia	Felis catus	Alphacoronavirus	ssRNA(+)
FJ938053	Coronaviridae	454955 Feline coronavirus UU7	Mammalia	Felis catus	Alphacoronavirus	ssRNA(+)
FJ938058	Coronaviridae	627434 Feline coronavirus UU16	Mammalia	Felis catus	Alphacoronavirus	ssRNA(+)
FM955278	Picornaviridae	42775 Coxsackievirus A17	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
GQ153539	Coronaviridae	742001 Bat SARS coronavirus HKU3-4	Mammalia	Rhinolophus sinicus	Betacoronavirus	ssRNA(+)
GQ249161	Picornaviridae	703582 Porcine kobuvirus swine/K-30-HUN/2	Mammalia	Sus scrofa	Kobuvirus	ssRNA(+)
GQ323774	Picornaviridae	655428 Human rhinovirus QCE	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
GQ415051	Picornaviridae	1219381 rhinovirus A101	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
GQ495608	Astroviridae	37130 Human astrovirus 6	Mammalia	Homo sapiens	Mamastrovirus	ssRNA(+)
GQ865517	Picornaviridae	861519 Enterovirus C109	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
GQ891990	Astroviridae	767521 Astrovirus SG	Mammalia	Homo sapiens	Mamastrovirus	ssRNA(+)
GU168576	Paramyxoviridae	11241 Rinderpest morbillivirus	Mammalia	Bos taurus	Morbillivirus	ssRNA(-)
GU345043	Hepeviridae	879095 Hepatitis E virus rat/R68/DEU/2009	Mammalia	Rattus norvegicus	Paslahepevirus	ssRNA(+)
HE608963	Potyviridae	1107954 Potato virus Y Wilga MV99	Viridiplantae	Solanum tuberosum	Potyvirus	ssRNA(+)
HE608964	Potyviridae	1107955 Potato virus Y Wilga MV175	Viridiplantae	Solanum tuberosum	Potyvirus	ssRNA(+)
HM245926	Coronaviridae	766792 Mink coronavirus strain WD1133	Mammalia	Neogale vison	Alphacoronavirus	ssRNA(+)
HM450380	Astroviridae	858367 Astrovirus MLB1 HK05	Mammalia	Homo sapiens	Mamastrovirus	ssRNA(+)
HM590055	Potyviridae	867160 Soybean mosaic virus 4469-4/CHN/2(	Viridiplantae	Glycine max	Potyvirus	ssRNA(+)
HM777023	Picornaviridae	47506 Echovirus E18	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
HQ400942	Picornaviridae	1006008 Human enterovirus 71 HZ08/Hangzho	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
HQ702854	Picornaviridae	1028489 Porcine enterovirus 3H	Mammalia	Sus scrofa domesticus	Enterovirus	ssRNA(+)
HQ728260	Picornaviridae	42785 Coxsackievirus A4	Mammalia	Chlorocebus aethiops	Enterovirus	ssRNA(+)
HQ728261	Picornaviridae	42786 Coxsackievirus A5	Mammalia	Chlorocebus aethiops	Enterovirus	ssRNA(+)
HQ728262	Picornaviridae	42769 Coxsackievirus A10	Mammalia	Chlorocebus aethiops	Enterovirus	ssRNA(+)
HQ875059	Picornaviridae	686984 Sapelovirus A	Mammalia	Sus scrofa	Sapelovirus	ssRNA(+)
JF905564	Picornaviridae	306588 Enterovirus A76	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
JN088541	Picornaviridae	1082189 Canine kobuvirus US-PC0082	Mammalia	Canis lupus familiaris	Kobuvirus	ssRNA(+)
JN379039	Picornaviridae	1330996 Salivirus CH	Mammalia	Pan troglodytes	Salivirus	ssRNA(+)
JN635402	Paramyxoviridae	884093 Measles virus strain MVi/New York.1	Mammalia	Homo sapiens	Morbillivirus	ssRNA(-)

JN635403	Paramyxoviridae	884094	Measles virus strain MVi/Florida.US	Mammalia	Homo sapiens	Morbillivirus	ssRNA(-)
JN635404	Paramyxoviridae	884095	Measles virus strain MVi/Virginia.US	Mammalia	Homo sapiens	Morbillivirus	ssRNA(-)
JN635405	Paramyxoviridae	1089795	Measles virus strain MVi/Washington	Mammalia	Homo sapiens	Morbillivirus	ssRNA(-)
JN635406	Paramyxoviridae	884096	Measles virus strain MVi/Arizona.US	Mammalia	Homo sapiens	Morbillivirus	ssRNA(-)
JN635407	Paramyxoviridae	884097	Measles virus strain MVi/Texas.USA	Mammalia	Homo sapiens	Morbillivirus	ssRNA(-)
JN635408	Paramyxoviridae	884098	Measles virus strain MVi/New Jersey	Mammalia	Homo sapiens	Morbillivirus	ssRNA(-)
JN635409	Paramyxoviridae	884099	Measles virus strain MVi/California.U	Mammalia	Homo sapiens	Morbillivirus	ssRNA(-)
JN635410	Paramyxoviridae	884100	Measles virus strain MVi/California.U	Mammalia	Homo sapiens	Morbillivirus	ssRNA(-)
JN635411	Paramyxoviridae	884101	Measles virus strain MVi/Pennsylvania	Mammalia	Homo sapiens	Morbillivirus	ssRNA(-)
JN710381	Picornaviridae	363168	teschovirus A8	Mammalia	Sus scrofa	Teschovirus	ssRNA(+)
JN998607	Hepeviridae	1213422	Ferret hepatitis E virus	Mammalia	Mustela putorius	Rocahepevirus	ssRNA(+)
JQ277724	Picornaviridae	1194444	Ovine enterovirus	Mammalia	Ovis aries	Enterovirus	ssRNA(+)
JQ410000	Coronaviridae	1176035	Alpaca respiratory coronavirus	Mammalia	Felis catus	Alphacoronavirus	ssRNA(+)
JQ814852	Picornaviridae	1195279	Ia io picornavirus 1	Mammalia	Ia io	unclassified Picornavir	ssRNA(+)
JQ818253	Picornaviridae	106966	Enterovirus G	Mammalia	Sus scrofa	Enterovirus	ssRNA(+)
JQ898342	Picornaviridae	1224522	Kobuvirus sewage Kathmandu	Mammalia	Homo sapiens	Kobuvirus	ssRNA(+)
JQ924285	Potyviriidae	12220	Potato virus Y strain O	Viridiplantae	Capsicum	Potyvirus	ssRNA(+)
JQ924286	Potyviriidae	1234808	Potato virus Y strain N-Wi	Viridiplantae	Solanum tuberosum	Potyvirus	ssRNA(+)
JQ975417	Picornaviridae	138681	teschovirus A4	Mammalia	Sus scrofa	Teschovirus	ssRNA(+)
JQ989272	Coronaviridae	1241932	Hipposideros bat coronavirus HKU10	Mammalia	Chiroptera	Alphacoronavirus	ssRNA(+)
JX050181	Picornaviridae	376148	Human parechovirus 5	Mammalia	Homo sapiens	Parechovirus	ssRNA(+)
JX174177	Picornaviridae	42779	Coxsackievirus A1	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
JX262382	Picornaviridae	2760819	enterovirus C117	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
JX491648	Picornaviridae	1511785	pasivirus A2	Mammalia	Homo sapiens	Pasivirus	ssRNA(+)
JX869059	Coronaviridae	1235996	Human betacoronavirus 2c EMC/2012	Mammalia	Homo sapiens	Betacoronavirus	ssRNA(+)
JX961709	Picornaviridae	2760820	enterovirus C118	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
JX982257	Picornaviridae	2650411	Enterovirus C104	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
JX993987	Coronaviridae	1283332	Bat coronavirus Rp/Shaanxi2011	Mammalia	Rhinolophus pusillus	Betacoronavirus	ssRNA(+)
JX993988	Coronaviridae	1283333	Bat coronavirus Cp/Yunnan2011	Mammalia	Chaerephon plicatus	Betacoronavirus	ssRNA(+)
KC164757	Paramyxoviridae	170525	Measles virus genotype D4	Mammalia	Homo sapiens	Morbillivirus	ssRNA(-)
KC164758	Paramyxoviridae	1056492	Measles virus genotype G3	Mammalia	Homo sapiens	Morbillivirus	ssRNA(-)
KF039911	Astroviridae	12701	Human astrovirus 2	Mammalia	Homo sapiens	Mamastrovirus	ssRNA(+)
KF312882	Picornaviridae	1442164	Enterovirus B111	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
KF374704	Astroviridae	1413815	Feline astrovirus Viseu	Mammalia	Felis catus	Mamastrovirus	ssRNA(+)
KF422142	Picornaviridae	42771	Coxsackievirus A12	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
KF793824	Coronaviridae	1433215	Bottlenose dolphin coronavirus HKU2	Mammalia	Tursiops aduncus	Gammacoronavirus	ssRNA(+)
KF831027	Picornaviridae	1379496	Feline kobuvirus	Mammalia	Felis catus	Kobuvirus	ssRNA(+)
KF958308	Picornaviridae	147712	Rhinovirus B	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
KF990476	Picornaviridae	1248136	Enterovirus B106	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
KJ018970	Paramyxoviridae	763792	Measles virus genotype H1	Mammalia	Homo sapiens	Morbillivirus	ssRNA(-)
KJ410048	Paramyxoviridae	170528	Measles virus genotype D8	Mammalia	Homo sapiens	Morbillivirus	ssRNA(-)
KJ473821	Coronaviridae	1495253	BtVs-BetaCoV/SC2013	Mammalia	Vespertilio sinensis	Betacoronavirus	ssRNA(+)
KJ481931	Coronaviridae	1465644	Deltacoronavirus PDCoV/USA/Illinois	Mammalia	Sus scrofa domesticus	Deltacoronavirus	ssRNA(+)
KM597072	Paramyxoviridae	1384672	Mumps virus genotype G	Mammalia	Homo sapiens	Orthorubulavirus	ssRNA(-)
KM609480	Picornaviridae	42788	Coxsackievirus A8	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
KM822593	Astroviridae	1604873	Yak astrovirus	Mammalia	Bos grunniens	Mamastrovirus	ssRNA(+)
KP036483	Picornaviridae	42773	Coxsackievirus A14	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
KP233897	Picornaviridae	2773293	rabovirus A1	Mammalia	Rattus norvegicus	Rabovirus	ssRNA(+)
KP688373	Rhabdoviridae	909207	Bivens Arm virus	Insecta	Aedes albopictus	Tibrovirus	ssRNA(-)
KY385304	Potyviriidae	674908	Kalanchoe mosaic virus	Viridiplantae	Graptopetalum paraguayense	Potyvirus	ssRNA(+)

LC511903	Potyviridae	114923	Carrot virus Y	Viridiplantae	Daucus carota	Potyvirus	ssRNA(+)
LC604020	Potyviridae	341111	Ranunculus mild mosaic virus	Viridiplantae	Anemone blanda	Potyvirus	ssRNA(+)
LC658681	Potyviridae	430059	Vallota mosaic virus	Viridiplantae	Narcissus	Potyvirus	ssRNA(+)
LK021688	Picornaviridae	1435148	Enterovirus A120	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
LM645057	Coronaviridae	1525377	Porcine epidemic diarrhea virus L007	Mammalia	Chlorocebus aethiops	Alphacoronavirus	ssRNA(+)
MH779474	Potyviridae	369762	Henbane mosaic virus	Viridiplantae	Nicotiana tabacum	Potyvirus	ssRNA(+)
MH886517	Potyviridae	12229	Tulip breaking virus	Viridiplantae	Tulipa	Potyvirus	ssRNA(+)
MN116683	Potyviridae	565624	Malva vein clearing virus	Viridiplantae	Alcea rosea	Potyvirus	ssRNA(+)
MT263075	Potyviridae	551003	Passiflora chlorosis virus	Viridiplantae	Passiflora edulis	Potyvirus	ssRNA(+)
MT892648	Potyviridae	260374	Alstroemeria mosaic virus	Viridiplantae	Alstroemeria pulchella	Potyvirus	ssRNA(+)
MW035311	Potyviridae	186643	Ornithogalum virus 3	Viridiplantae	Ornithogalum thyrsoides	Potyvirus	ssRNA(+)
MW314143	Potyviridae	190503	Spartina mottle virus	Viridiplantae	Cynodon dactylon x Cynodon	Potyviridae virus	ssRNA(+)
NC_000947	Potyviridae	79917	Japanese yam mosaic virus	Viridiplantae	Dioscorea japonica	Potyvirus	ssRNA(+)
NC_001366	Picornaviridae	204711	Theilovirus	Mammalia	Mus musculus	Cardiovirus	ssRNA(+)
NC_001430	Picornaviridae	138951	Enterovirus D	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
NC_001445	Potyviridae	12211	Plum pox virus	Viridiplantae	Prunus domestica	Potyvirus	ssRNA(+)
NC_001472	Picornaviridae	138949	Enterovirus B	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
NC_001479	Picornaviridae	12104	Encephalomyocarditis virus	Mammalia	Homo sapiens	Cardiovirus	ssRNA(+)
NC_001489	Picornaviridae	12092	Hepatovirus A	Mammalia	Cercopithecus hamlyni	Hepatovirus	ssRNA(+)
NC_001490	Picornaviridae	12131	rhinovirus B14	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
NC_001498	Paramyxoviridae	11234	Measles morbillivirus	Mammalia	Homo sapiens	Morbillivirus	ssRNA(-)
NC_001517	Potyviridae	12209	Pepper mottle virus	Viridiplantae	Capsicum annuum	Potyvirus	ssRNA(+)
NC_001542	Rhabdoviridae	11292	Lyssavirus rabies	Mammalia	Chiroptera	Lyssavirus	ssRNA(-)
NC_001552	Paramyxoviridae	11191	Murine respirovirus	Mammalia	Mus musculus	Respirovirus	ssRNA(-)
NC_001555	Potyviridae	12227	Tobacco etch virus	Viridiplantae	Capsicum annuum	Potyvirus	ssRNA(+)
NC_001607	Bornaviridae	1714621	Borna disease virus 1	Mammalia	Bradyrodidae	Orthobornavirus	ssRNA(-)
NC_001612	Picornaviridae	138948	Enterovirus A	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
NC_001616	Potyviridae	12216	Potato virus Y	Viridiplantae	Capsicum	Potyvirus	ssRNA(+)
NC_001632	Secoviridae	35287	Rice tungro spherical virus	Viridiplantae	Oryza sativa	Waikavirus	ssRNA(+)
NC_001671	Potyviridae	12208	Pea seed-borne mosaic virus	Viridiplantae	Pisum sativum	Potyvirus	ssRNA(+)
NC_001768	Potyviridae	12228	Tobacco vein mottling virus	Viridiplantae	Rumex	Potyvirus	ssRNA(+)
NC_001785	Potyviridae	12205	Papaya ringspot virus	Viridiplantae	Carica papaya	Potyvirus	ssRNA(+)
NC_001796	Paramyxoviridae	11216	Human respirovirus 3	Mammalia	Homo sapiens	Respirovirus	ssRNA(-)
NC_001814	Potyviridae	40666	Ryegrass mosaic virus	Viridiplantae	Dactylis glomerata	Rymovirus	ssRNA(+)
NC_001834	Dicistroviridae	64279	Drosophila C virus	Insecta	Drosophila melanogaster	Cripavirus	ssRNA(+)
NC_001841	Potyviridae	12844	Sweet potato feathery mottle virus	Viridiplantae	Ipomoea batatas	Potyvirus	ssRNA(+)
NC_001859	Picornaviridae	12064	Enterovirus E	Mammalia	Bos taurus	Enterovirus	ssRNA(+)
NC_001874	Dicistroviridae	66834	Rhopalosiphum padi virus	Insecta	Schizaphis graminum	Cripavirus	ssRNA(+)
NC_001886	Potyviridae	31741	Wheat streak mosaic virus	Viridiplantae	Triticum aestivum	Tritimovirus	ssRNA(+)
NC_001906	Paramyxoviridae	63330	Hendra henipavirus	Mammalia	Pteropus alecto	Henipavirus	ssRNA(-)
NC_001918	Picornaviridae	1313215	Aichi virus 1	Mammalia	Homo sapiens	Kobuvirus	ssRNA(+)
NC_001921	Paramyxoviridae	11232	Canine morbillivirus	Mammalia	Canis lupus familiaris	Morbillivirus	ssRNA(-)
NC_001943	Astroviridae	1868658	Human astrovirus	Mammalia	Homo sapiens	unclassified Astroviridae	ssRNA(+)
NC_002058	Picornaviridae	138950	Enterovirus C	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
NC_002161	Paramyxoviridae	11215	Bovine respirovirus 3	Mammalia	Bos taurus	Respirovirus	ssRNA(-)
NC_002199	Paramyxoviridae	92129	Tupaia paramyxovirus	Mammalia	Tupaia belangeri	Narmovirus	ssRNA(-)
NC_002200	Paramyxoviridae	2560602	Mumps orthorubulavirus	Mammalia	Homo sapiens	Orthorubulavirus	ssRNA(-)
NC_002251	Rhabdoviridae	1985704	Cytorhabdovirus gramineae	Viridiplantae	Hordeum vulgare	Cytorhabdovirus	ssRNA(-)
NC_002306	Coronaviridae	11135	Feline infectious peritonitis virus	Mammalia	Felidae	Alphacoronavirus	ssRNA(+)
NC_002469	Astroviridae	1239577	Mamastrovirus 13	Mammalia	Ovis aries	Mamastrovirus	ssRNA(+)

NC_002509	Potyviriidae	12230	Turnip mosaic virus	Viridiplantae	Brassica	Potyvirus	ssRNA(+)
NC_002548	Dicistroviridae	92444	Acute bee paralysis virus	Insecta	Apis mellifera	Aparavirus	ssRNA(+)
NC_002600	Potyviriidae	33763	Peanut mottle virus	Viridiplantae	Arachis hypogaea	Potyvirus	ssRNA(+)
NC_002634	Potyviriidae	12222	Soybean mosaic virus	Viridiplantae	Glycine max	Potyvirus	ssRNA(+)
NC_002728	Paramyxoviridae	121791	Nipah henipavirus	Mammalia	Pteropus hypomelanus	Henipavirus	ssRNA(-)
NC_003224	Potyviriidae	12232	Zucchini yellow mosaic virus	Viridiplantae	Cucurbita pepo	Potyvirus	ssRNA(+)
NC_003243	Rhabdoviridae	90961	Lyssavirus australis	Mammalia	Saccolaimus flaviventris	Lyssavirus	ssRNA(-)
NC_003377	Potyviriidae	12203	Maize dwarf mosaic virus	Viridiplantae	Sorghum halepense	Potyvirus	ssRNA(+)
NC_003397	Potyviriidae	12196	Bean common mosaic virus	Viridiplantae	Vigna unguiculata subsp. ses	Potyvirus	ssRNA(+)
NC_003398	Potyviriidae	12224	Sugarcane mosaic virus	Viridiplantae	Zea mays	Potyvirus	ssRNA(+)
NC_003399	Potyviriidae	157018	Scallion mosaic virus	Viridiplantae	Allium chinense	Potyvirus	ssRNA(+)
NC_003443	Paramyxoviridae	2560525	Human orthorubulavirus 2	Mammalia	Homo sapiens	Orthorubulavirus	ssRNA(-)
NC_003461	Paramyxoviridae	12730	Human respirovirus 1	Mammalia	Homo sapiens	Respirovirus	ssRNA(-)
NC_003492	Potyviriidae	12197	Bean yellow mosaic virus	Viridiplantae	Papaver somniferum	Potyvirus	ssRNA(+)
NC_003501	Potyviriidae	42631	Brome streak mosaic virus	Viridiplantae	Bromus	Tritimovirus	ssRNA(+)
NC_003536	Potyviriidae	12198	Clover yellow vein virus	Viridiplantae	Glycine max	Potyvirus	ssRNA(+)
NC_003537	Potyviriidae	29271	Dasheen mosaic virus	Viridiplantae	Zantedeschia aethiopica	Potyvirus	ssRNA(+)
NC_003605	Potyviriidae	12202	Lettuce mosaic virus	Viridiplantae	Spinacia oleracea	Potyvirus	ssRNA(+)
NC_003606	Potyviriidae	31742	Johnsongrass mosaic virus	Viridiplantae	Sorghum halepense	Potyvirus	ssRNA(+)
NC_003626	Secoviridae	51354	Maize chlorotic dwarf virus	Viridiplantae	Sorghum halepense	Waikavirus	ssRNA(+)
NC_003628	Secoviridae	12777	Parsnip yellow fleck virus	Viridiplantae	Daucus carota	Sequivirus	ssRNA(+)
NC_003742	Potyviriidae	192452	Cocksfoot streak virus	Viridiplantae	Poaceae	Potyvirus	ssRNA(+)
NC_003746	Rhabdoviridae	59380	Rice yellow stunt nucleorhabdovirus	Viridiplantae	Oryza sativa	Alphanucleorhabdovirus	ssRNA(-)
NC_003779	Dicistroviridae	64698	Plautia stali intestine virus	Insecta	Plautia stali	Triatovirus	ssRNA(+)
NC_003782	Dicistroviridae	81583	Himetobi P virus	Insecta	Laodelphax striatellus	Triatovirus	ssRNA(+)
NC_003783	Dicistroviridae	103442	Triatoma virus	Insecta	Triatoma infestans	Triatovirus	ssRNA(+)
NC_003784	Dicistroviridae	92395	Black queen cell virus	Insecta	Apis mellifera	Triatovirus	ssRNA(+)
NC_003797	Potyviriidae	41459	Sweet potato mild mottle virus	Viridiplantae	Ipomoea batatas	Ipomovirus	ssRNA(+)
NC_003924	Dicistroviridae	12136	Cricket paralysis virus	Insecta	Teleogryllus oceanicus	Cripavirus	ssRNA(+)
NC_003983	Picornaviridae	47001	Equine rhinitis B virus 1	Mammalia	Equus caballus	Erbovirus	ssRNA(+)
NC_003985	Picornaviridae	118140	Teschovirus A	Mammalia	Sus scrofa	Teschovirus	ssRNA(+)
NC_003987	Picornaviridae	1002921	Porcine sapelovirus 1	Mammalia	Sus scrofa	Sapelovirus	ssRNA(+)
NC_003988	Picornaviridae	310907	Enterovirus H	Mammalia	Saguinus mystax	Enterovirus	ssRNA(+)
NC_004010	Potyviriidae	40640	Potato virus V	Viridiplantae	Capsicum annuum	Potyvirus	ssRNA(+)
NC_004011	Potyviriidae	42004	Leek yellow stripe virus	Viridiplantae	Allium sativum	Potyvirus	ssRNA(+)
NC_004013	Potyviriidae	12199	Cowpea aphid-borne mosaic virus	Viridiplantae	Vigna unguiculata	Potyvirus	ssRNA(+)
NC_004035	Potyviriidae	32619	Sorghum mosaic virus	Viridiplantae	Saccharum officinarum	Potyvirus	ssRNA(+)
NC_004039	Potyviriidae	12215	Potato virus A	Viridiplantae	Nicotiana tabacum	Potyvirus	ssRNA(+)
NC_004047	Potyviriidae	43240	Bean common mosaic necrosis virus	Viridiplantae	Phaseolus vulgaris	Potyvirus	ssRNA(+)
NC_004074	Paramyxoviridae	162013	Tioman virus	Mammalia	Pteropus hypomelanus	Pararubulavirus	ssRNA(-)
NC_004365	Dicistroviridae	209529	Aphid lethal paralysis virus	Insecta	Aphis	Cripavirus	ssRNA(+)
NC_004421	Picornaviridae	194965	Aichivirus B	Mammalia	Chlorocebus aethiops	Kobuvirus	ssRNA(+)
NC_004426	Potyviriidae	187977	Wild potato mosaic virus	Viridiplantae	Solanum chancayense	Potyvirus	ssRNA(+)
NC_004441	Picornaviridae	64141	Porcine enterovirus 9	Mammalia	Sus scrofa	Enterovirus	ssRNA(+)
NC_004451	Picornaviridae	1002918	Simian sapelovirus 1	Mammalia	Macaca mulatta	Sapelovirus	ssRNA(+)
NC_004573	Potyviriidae	187978	Peru tomato mosaic virus	Viridiplantae	Solanum lycopersicum	Potyvirus	ssRNA(+)
NC_004579	Astroviridae	1239574	Mamastrovirus 10	Mammalia	Neogale vison	Mamastrovirus	ssRNA(+)
NC_004752	Potyviriidae	41460	Yam mosaic virus	Viridiplantae	Nicotiana benthamiana	Potyvirus	ssRNA(+)
NC_004807	Dicistroviridae	68876	Kashmir bee virus	Insecta	Apis cerana	Aparavirus	ssRNA(+)
NC_005028	Potyviriidae	46917	Papaya leaf distortion mosaic virus	Viridiplantae	Carica papaya	Potyvirus	ssRNA(+)

NC_005029	Potyviridae	43130	Onion yellow dwarf virus	Viridiplantae	Allium sativum	Potyvirus	ssRNA(+)
NC_005136	Potyviridae	112437	Oat necrotic mottle virus	Viridiplantae	Avena sativa	Tritimovirus	ssRNA(+)
NC_005283	Paramyxoviridae	37131	Dolphin morbillivirus	Mammalia	Platanistidae	Morbillivirus	ssRNA(-)
NC_005288	Potyviridae	32624	Lily mottle virus	Viridiplantae	Lilium	Potyvirus	ssRNA(+)
NC_005304	Potyviridae	114921	Beet mosaic virus	Viridiplantae	Spinacia oleracea	Potyvirus	ssRNA(+)
NC_005339	Paramyxoviridae	241630	Mossman virus	Mammalia	Mesocricetus auratus	Narmovirus	ssRNA(-)
NC_005778	Potyviridae	52280	Chilli veinal mottle virus	Viridiplantae	Capsicum annuum	Potyvirus	ssRNA(+)
NC_005903	Potyviridae	41763	Agropyron mosaic virus	Viridiplantae	Triticum aestivum	Rymovirus	ssRNA(+)
NC_005904	Potyviridae	41764	Hordeum mosaic virus	Viridiplantae	Hordeum vulgare	Rymovirus	ssRNA(+)
NC_005974	Rhabdoviridae	209854	Maize fine streak nucleorhabdovirus	Viridiplantae	Zea mays	Gammanucleorhabdovi	ssRNA(-)
NC_005975	Rhabdoviridae	279896	Maize mosaic nucleorhabdovirus	Viridiplantae	Setaria	Alphanucleorhabdoviru	ssRNA(-)
NC_006262	Potyviridae	146500	Watermelon mosaic virus	Viridiplantae	Cucurbita	Potyvirus	ssRNA(+)
NC_006296	Paramyxoviridae	11242	Rinderpest virus (strain Kabete O)	Mammalia	Suidae	Morbillivirus	ssRNA(-)
NC_006383	Paramyxoviridae	2593991	Peste des petits ruminants virus	Mammalia	Ovis aries	Morbillivirus	ssRNA(-)
NC_006428	Paramyxoviridae	2560766	Simian orthorubulavirus	Mammalia	Simiiformes	Orthorubulavirus	ssRNA(-)
NC_006429	Rhabdoviridae	12538	Lyssavirus mokola	Mammalia	Homo sapiens	Lyssavirus	ssRNA(-)
NC_006430	Paramyxoviridae	2905673	Parainfluenza virus 5	Mammalia	Chlorocebus aethiops	Orthorubulavirus	ssRNA(-)
NC_006559	Dicistroviridae	294369	Solenopsis invicta virus 1	Insecta	Solenopsis invicta	Aparavirus	ssRNA(+)
NC_006577	Coronaviridae	290028	Human coronavirus HKU1	Mammalia	Homo sapiens	Betacoronavirus	ssRNA(+)
NC_006941	Potyviridae	137475	Cucumber vein yellowing virus	Viridiplantae	Cucumis sativus	Ipomovirus	ssRNA(+)
NC_006942	Rhabdoviridae	2908018	Taro vein chlorosis virus	Viridiplantae	Colocasia esculenta	Alphanucleorhabdoviru	ssRNA(-)
NC_007020	Rhabdoviridae	318558	Tupaia virus	Mammalia	Tupaia	Tupavirus	ssRNA(-)
NC_007147	Potyviridae	221262	Pennisetum mosaic virus	Viridiplantae	Panicum	Potyvirus	ssRNA(+)
NC_007180	Potyviridae	299200	Thunberg fritillary mosaic virus	Viridiplantae	Fritillaria thunbergii	Potyvirus	ssRNA(+)
NC_007216	Potyviridae	201862	Wisteria vein mosaic virus	Viridiplantae	Wisteria	Potyvirus	ssRNA(+)
NC_007433	Potyviridae	62059	Shallot yellow stripe virus	Viridiplantae	Allium fistulosum	Potyvirus	ssRNA(+)
NC_007454	Paramyxoviridae	322067	J-virus	Mammalia	Mus musculus	Jeilongvirus	ssRNA(-)
NC_007642	Rhabdoviridae	32612	Lettuce necrotic yellows virus	Viridiplantae	Lactuca sativa	Cytorhabdovirus	ssRNA(-)
NC_007728	Potyviridae	341167	East Asian Passiflora virus	Viridiplantae	Passiflora edulis	Potyvirus	ssRNA(+)
NC_007803	Paramyxoviridae	341053	Beilong virus	Mammalia	Homo sapiens	Jeilongvirus	ssRNA(-)
NC_007913	Potyviridae	322053	Konjac mosaic virus	Viridiplantae	Nicotiana benthamiana	Potyvirus	ssRNA(+)
NC_008028	Potyviridae	578107	Daphne mosaic virus	Viridiplantae	Daphne mezereum	Potyvirus	ssRNA(+)
NC_008029	Dicistroviridae	2170238	Homalodisca coagulata virus 1	Insecta	Homalodisca vitripennis	Triatovirus	ssRNA(+)
NC_008393	Potyviridae	12210	Pepper severe mosaic virus	Viridiplantae	Capsicum annuum	Potyvirus	ssRNA(+)
NC_008558	Potyviridae	323118	Blackberry virus Y	Viridiplantae	Rubus	Brambyvirus	ssRNA(+)
NC_008714	Picornaviridae	2849103	enterovirus F4	Mammalia	Trichosurus vulpecula	Enterovirus	ssRNA(+)
NC_008824	Potyviridae	394036	Narcissus degeneration virus	Viridiplantae	Narcissus tazetta	Potyvirus	ssRNA(+)
NC_009021	Coronaviridae	694006	Rousettus bat coronavirus HKU9	Mammalia	Chiroptera	Betacoronavirus	ssRNA(+)
NC_009025	Dicistroviridae	294365	Israeli acute paralysis virus	Insecta	Apis mellifera	Aparavirus	ssRNA(+)
NC_009489	Paramyxoviridae	2560582	Mapuera orthorubulavirus	Mammalia	Sturnira lilium	Orthorubulavirus	ssRNA(-)
NC_009527	Rhabdoviridae	57482	European bat 1 lyssavirus	Mammalia	Homo sapiens	Lyssavirus	ssRNA(-)
NC_009528	Rhabdoviridae	57483	European bat 2 lyssavirus	Mammalia	Homo sapiens	Lyssavirus	ssRNA(-)
NC_009536	Bromoviridae	37127	Citrus variegation virus	Viridiplantae	Citrus	Ilarvirus	ssRNA(+)
NC_009640	Paramyxoviridae	2560645	Porcine orthorubulavirus	Mammalia	Sus scrofa	Orthorubulavirus	ssRNA(-)
NC_009657	Coronaviridae	693999	Scotophilus bat coronavirus 512	Mammalia	Scotophilus kuhlii	Alphacoronavirus	ssRNA(+)
NC_009741	Potyviridae	373398	Basella rugose mosaic virus	Viridiplantae	Anredera cordifolia	Potyvirus	ssRNA(+)
NC_009742	Potyviridae	400394	Telosma mosaic virus	Viridiplantae	Telosma cordata	Potyvirus	ssRNA(+)
NC_009744	Potyviridae	400396	Wild tomato mosaic virus	Viridiplantae	Solanum torvum	Potyvirus	ssRNA(+)
NC_009745	Potyviridae	45661	Banana bract mosaic virus	Viridiplantae	Musa acuminata	Potyvirus	ssRNA(+)
NC_009805	Potyviridae	460364	Wheat eglid mosaic virus	Viridiplantae	Triticum aestivum	Tritimovirus	ssRNA(+)

NC_009988	Coronaviridae	693998	Rhinolophus bat coronavirus HKU2	Mammalia	Rhinolophus sinicus	Alphacoronavirus	ssRNA(+)
NC_009994	Potyviriidae	33765	Tobacco vein banding mosaic virus	Viridiplantae	Nicotiana tabacum	Potyvirus	ssRNA(+)
NC_009995	Potyviriidae	167129	Moroccan watermelon mosaic virus	Viridiplantae	Cucurbita pepo var. melopepo	Potyvirus	ssRNA(+)
NC_009996	Picornaviridae	463676	Rhinovirus C	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
NC_010354	Picornaviridae	2758977	bovine rhinitis B virus 1	Mammalia	Bos taurus	Aphthovirus	ssRNA(+)
NC_010438	Coronaviridae	694001	Miniopterus bat coronavirus HKU8	Mammalia	Miniopterus	Alphacoronavirus	ssRNA(+)
NC_010521	Potyviriidae	397544	Squash vein yellowing virus	Viridiplantae	Cucurbita	Ipomovirus	ssRNA(+)
NC_010735	Potyviriidae	515446	Verbena virus Y	Viridiplantae	Verbena	Potyvirus	ssRNA(+)
NC_010736	Potyviriidae	515575	Algerian watermelon mosaic virus	Viridiplantae	Cucurbita	Potyvirus	ssRNA(+)
NC_010954	Potyviriidae	332471	Fritillary virus Y	Viridiplantae	Fritillaria thunbergii	Potyvirus	ssRNA(+)
NC_011349	Picornaviridae	390157	Senecavirus A	Mammalia	Sus scrofa	Senecavirus	ssRNA(+)
NC_011400	Astroviridae	568715	Astrovirus MLB1	Mammalia	Homo sapiens	Mamastrovirus	ssRNA(+)
NC_011532	Rhabdoviridae	471285	Lettuce yellow mottle virus	Viridiplantae	Datura stramonium	Cytorhabdovirus	ssRNA(-)
NC_011541	Potyviriidae	160843	Narcissus yellow stripe virus	Viridiplantae	Narcissus tazetta subsp. chinensis	Potyvirus	ssRNA(+)
NC_011560	Potyviriidae	270478	Zantedeschia mild mosaic virus	Viridiplantae	Zantedeschia	Potyvirus	ssRNA(+)
NC_011807	Bromoviridae	39681	Asparagus virus 2	Viridiplantae	Asparagus	Ilarvirus	ssRNA(+)
NC_011918	Potyviriidae	255066	Pepper veinal mottle virus	Viridiplantae	Capsicum annuum	Potyvirus	ssRNA(+)
NC_012698	Potyviriidae	137758	Cassava brown streak virus	Viridiplantae	Manihot esculenta	Ipomovirus	ssRNA(+)
NC_012798	Picornaviridae	2003651	Cosavirus E	Mammalia	Homo sapiens	Cosavirus	ssRNA(+)
NC_012799	Potyviriidae	431317	Triticum mosaic virus	Viridiplantae	Triticum aestivum	Poacevirus	ssRNA(+)
NC_012800	Picornaviridae	1330491	Cosavirus A	Mammalia	Homo sapiens	Cosavirus	ssRNA(+)
NC_012801	Picornaviridae	586420	Human cosavirus B	Mammalia	Homo sapiens	Cosavirus	ssRNA(+)
NC_012802	Picornaviridae	2003650	Cosavirus D	Mammalia	Homo sapiens	Cosavirus	ssRNA(+)
NC_012957	Picornaviridae	651733	Salivirus NG-J1	Mammalia	Pan troglodytes	Salivirus	ssRNA(+)
NC_012986	Picornaviridae	1330524	Salivirus A	Mammalia	Homo sapiens	Salivirus	ssRNA(+)
NC_013060	Astroviridae	645687	Astrovirus VA1	Mammalia	Homo sapiens	Mamastrovirus	ssRNA(+)
NC_013135	Rhabdoviridae	666363	Drosophila melanogaster sigmavirus A	Insecta	Drosophila melanogaster	Sigmavirus	ssRNA(-)
NC_013261	Potyviriidae	433462	Canna yellow streak virus	Viridiplantae	Canna	Potyvirus	ssRNA(+)
NC_013443	Astroviridae	682382	HMO Astrovirus A	Mammalia	Homo sapiens	Mamastrovirus	ssRNA(+)
NC_014037	Potyviriidae	53954	Sugarcane streak mosaic virus	Viridiplantae	Saccharum sp.	Poacevirus	ssRNA(+)
NC_014038	Potyviriidae	129732	Sunflower chlorotic mottle virus	Viridiplantae	Helianthus annuus	Potyvirus	ssRNA(+)
NC_014064	Potyviriidae	421012	Freesia mosaic virus	Viridiplantae	Freesia	Potyvirus	ssRNA(+)
NC_014252	Potyviriidae	796352	Panax virus Y	Viridiplantae	Panax notoginseng	Potyvirus	ssRNA(+)
NC_014325	Potyviriidae	433357	Bidens mottle virus	Viridiplantae	Helianthus annuus	Potyvirus	ssRNA(+)
NC_014327	Potyviriidae	160358	Pepper yellow mosaic virus	Viridiplantae	Capsicum annuum	Potyvirus	ssRNA(+)
NC_014470	Coronaviridae	864596	Bat coronavirus BM48-31/BGR/2008	Mammalia	Rhinolophus blasii	Betacoronavirus	ssRNA(+)
NC_014536	Potyviriidae	487155	Brugmansia suaveolens mottle virus	Viridiplantae	Brugmansia suaveolens	Potyvirus	ssRNA(+)
NC_014742	Potyviriidae	930881	Sweet potato virus C	Viridiplantae	Ipomoea batatas	Potyvirus	ssRNA(+)
NC_014790	Potyviriidae	31732	Passion fruit woodiness virus	Viridiplantae	Passiflora caerulea	Potyvirus	ssRNA(+)
NC_014791	Potyviriidae	946046	Ugandan cassava brown streak virus	Viridiplantae	Manihot esculenta	Ipomovirus	ssRNA(+)
NC_014898	Potyviriidae	573615	Lupinus mosaic virus	Viridiplantae	Lupinus polyphyllus	Potyvirus	ssRNA(+)
NC_014905	Potyviriidae	168135	Apium virus Y	Viridiplantae	Apium graveolens	Potyvirus	ssRNA(+)
NC_015393	Potyviriidae	112436	Celery mosaic virus	Viridiplantae	Daucus carota	Potyvirus	ssRNA(+)
NC_015394	Potyviriidae	409486	Hardenbergia mosaic virus	Viridiplantae	Hardenbergia comptoniana	Potyvirus	ssRNA(+)
NC_015934	Picornaviridae	1074865	Bat picornavirus 3	Mammalia	Rhinolophus sinicus	unclassified Picornaviridae	ssRNA(+)
NC_015935	Astroviridae	1074210	Mouse astrovirus M-52/USA/2008	Mammalia	Mus musculus	unclassified Astroviridae	ssRNA(+)
NC_015936	Picornaviridae	1074213	Mouse kobuvirus M-5/USA/2010	Mammalia	Peromyscus crinitus	Kobuvirus	ssRNA(+)
NC_015940	Picornaviridae	1074863	Bat picornavirus 1	Mammalia	Miniopterus schreibersii	unclassified Picornaviridae	ssRNA(+)
NC_015941	Picornaviridae	1074864	Bat picornavirus 2	Mammalia	Miniopterus schreibersii	unclassified Picornaviridae	ssRNA(+)
NC_016044	Potyviriidae	414528	Chilli ringspot virus	Viridiplantae	Capsicum	Potyvirus	ssRNA(+)

NC_016136	Rhabdoviridae	195060	Potato yellow dwarf nucleorhabdovirus	Viridiplantae	Nicotiana rustica	Alphanucleorhabdovirus	ssRNA(-)
NC_016155	Astroviridae	683172	Astrovirus MLB2	Mammalia	Homo sapiens	unclassified Astroviridae	ssRNA(+)
NC_016156	Picornaviridae	1108810	Feline picornavirus	Mammalia	Felis catus	unclassified Picornaviridae	ssRNA(+)
NC_016159	Potyviridae	1080799	Keunjong mosaic virus	Viridiplantae	Chenopodium quinoa	Potyvirus	ssRNA(+)
NC_016441	Potyviridae	418827	Yambean mosaic virus	Viridiplantae	Dioscorea alata	Potyvirus	ssRNA(+)
NC_016769	Picornaviridae	1136133	Porcine kobuvirus SH-W-CHN/2010/1	Mammalia	Sus scrofa	Kobuvirus	ssRNA(+)
NC_016896	Astroviridae	1137931	Astrovirus wild boar/WBAstV-1/2011	Mammalia	Sus scrofa	Mamastrovirus	ssRNA(+)
NC_016964	Picornaviridae	1196647	Canine picornavirus	Mammalia	Canis lupus familiaris	Mischivirus	ssRNA(+)
NC_017083	Coronaviridae	1160968	Rabbit coronavirus HKU14	Mammalia	Oryctolagus cuniculus	Betacoronavirus	ssRNA(+)
NC_017685	Rhabdoviridae	380160	Obodhiang virus	Insecta	Culicidae	Ephemerovirus	ssRNA(-)
NC_017714	Rhabdoviridae	318836	Kotonkan virus	Insecta	Culicoides sp.	Ephemerovirus	ssRNA(-)
NC_017824	Potyviridae	1176153	Tomato necrotic stunt virus	Viridiplantae	Solanum lycopersicum	Potyvirus	ssRNA(+)
NC_017937	Paramyxoviridae	590647	Nariva virus	Mammalia	Zygodontomys brevicauda	Narmovirus	ssRNA(-)
NC_017967	Potyviridae	421010	Hippeastrum mosaic virus	Viridiplantae	Hippeastrum sp.	Potyvirus	ssRNA(+)
NC_017970	Potyviridae	453050	Sweet potato virus 2	Viridiplantae	Ipomoea batatas	Potyvirus	ssRNA(+)
NC_017977	Potyviridae	861561	Cyrtanthus elatus virus A	Viridiplantae	Cyrtanthus elatus	Potyvirus	ssRNA(+)
NC_018093	Potyviridae	46619	Sweet potato virus G	Viridiplantae	Ipomoea batatas	Potyvirus	ssRNA(+)
NC_018176	Potyviridae	405558	Arracacha mottle virus	Viridiplantae	Nicotiana benthamiana	Potyvirus	ssRNA(+)
NC_018226	Picornaviridae	1511784	Pasivirus A1	Mammalia	Sus scrofa	Pasivirus	ssRNA(+)
NC_018381	Rhabdoviridae	1211480	Persimmon virus A	Viridiplantae	Diospyros kaki	Cytorhabdovirus	ssRNA(-)
NC_018382	Hepeviridae	1678146	Chirohepevirus eptesici	Mammalia	Eptesicus serotinus	Chirohepevirus	ssRNA(+)
NC_018455	Potyviridae	128818	Chinese yam necrotic mosaic virus	Viridiplantae	Dioscorea polystachya	Macluravirus	ssRNA(+)
NC_018572	Potyviridae	1198147	Caladenia virus A	Viridiplantae	Caladenia latifolia	Poacevirus	ssRNA(+)
NC_018629	Rhabdoviridae	1167696	Ikoma lyssavirus	Mammalia	Civettictis civetta	Lyssavirus	ssRNA(-)
NC_018668	Picornaviridae	1233320	hunnivirus A1	Mammalia	Bos taurus	Hunnivirus	ssRNA(+)
NC_018702	Astroviridae	1141625	Murine astrovirus	Mammalia	Mus musculus	unclassified Astroviridae	ssRNA(+)
NC_018833	Potyviridae	204478	Iranian johnsongrass mosaic virus	Viridiplantae	Sorghum halepense	Potyvirus	ssRNA(+)
NC_018872	Potyviridae	1220025	Pokeweed mosaic virus	Viridiplantae	Phytolacca americana	Potyvirus	ssRNA(+)
NC_019026	Astroviridae	683174	Astrovirus VA3	Mammalia	Homo sapiens	unclassified Astroviridae	ssRNA(+)
NC_019027	Astroviridae	1247113	Astrovirus VA4	Mammalia	Homo sapiens	unclassified Astroviridae	ssRNA(+)
NC_019028	Astroviridae	1247114	Astrovirus MLB3	Mammalia	Homo sapiens	unclassified Astroviridae	ssRNA(+)
NC_019031	Potyviridae	1048434	Rose yellow mosaic virus	Viridiplantae	Rosa hybrid cultivar	Roymovirus	ssRNA(+)
NC_019409	Potyviridae	12204	Ornithogalum mosaic virus	Viridiplantae	Ornithogalum	Potyvirus	ssRNA(+)
NC_019412	Potyviridae	87097	Yam mild mosaic virus	Viridiplantae	Dioscorea trifida	Potyvirus	ssRNA(+)
NC_019415	Potyviridae	1072517	Blue squill virus A	Viridiplantae	Diuris	Potyvirus	ssRNA(+)
NC_019494	Astroviridae	1254425	Porcine astrovirus 3	Mammalia	Sus scrofa	Mamastrovirus	ssRNA(+)
NC_020072	Potyviridae	91613	Colombian datura virus	Viridiplantae	Nicotiana tabacum	Potyvirus	ssRNA(+)
NC_020105	Potyviridae	1239452	Brugmansia mosaic virus	Viridiplantae	Brugmansia suaveolens	Potyvirus	ssRNA(+)
NC_020807	Rhabdoviridae	38766	Lyssavirus lagos	Mammalia	Mus musculus	Lyssavirus	ssRNA(-)
NC_020808	Rhabdoviridae	211977	Lyssavirus aravan	Mammalia	Myotis blythii	Lyssavirus	ssRNA(-)
NC_020809	Rhabdoviridae	249583	Lyssavirus irkut	Mammalia	Murina leucogaster	Lyssavirus	ssRNA(-)
NC_020810	Rhabdoviridae	38767	Lyssavirus duenhage	Mammalia	Homo sapiens	Lyssavirus	ssRNA(-)
NC_020896	Potyviridae	31743	Sweet potato latent virus	Viridiplantae	Ipomoea batatas	Potyvirus	ssRNA(+)
NC_021065	Potyviridae	715480	Sunflower mild mosaic virus	Viridiplantae	Helianthus annuus	Potyvirus	ssRNA(+)
NC_021178	Picornaviridae	1150861	Canine picodistrovirus	Mammalia	Canis lupus familiaris	Dicipivirus	ssRNA(+)
NC_021197	Potyviridae	1198144	Donkey orchid virus A	Viridiplantae	Diuris laxiflora	Potyvirus	ssRNA(+)
NC_021220	Picornaviridae	1330520	Enterovirus F	Mammalia	Bos taurus	Enterovirus	ssRNA(+)
NC_021482	Picornaviridae	1294177	Sebokele virus 1	Mammalia	Mus musculus	Parechovirus	ssRNA(+)
NC_021786	Potyviridae	1324128	Habenaria mosaic virus	Viridiplantae	Chenopodium quinoa	Potyvirus	ssRNA(+)
NC_021928	Paramyxoviridae	11224	Human parainfluenza virus 4a	Mammalia	Homo sapiens	Orthorubulavirus	ssRNA(-)

NC_022103	Coronaviridae	1384461	Bat coronavirus CDPHE15/USA/2006	Mammalia	Myotis lucifugus	Alphacoronavirus	ssRNA(+)
NC_022249	Astroviridae	1389204	Feline astrovirus 2	Mammalia	Felis catus	Mamastrovirus	ssRNA(+)
NC_022250	Bromoviridae	747056	Blueberry shock virus	Viridiplantae	Vaccinium corymbosum	Illarvirus	ssRNA(+)
NC_022580	Rhabdoviridae	666962	Drosophila obscura sigmavirus 10A	Insecta	Drosophila obscura	Sigmavirus	ssRNA(-)
NC_022745	Potyviridae	1414644	Tall oatgrass mosaic virus	Viridiplantae	Arrhenatherum elatius	Tritimovirus	ssRNA(+)
NC_022755	Rhabdoviridae	1344113	American bat vesiculovirus TFFN-201	Mammalia	Eptesicus fuscus	Vesiculovirus	ssRNA(-)
NC_022802	Picornaviridae	1416021	Feline sakobuvirus A	Mammalia	Felis catus	Sakobuvirus	ssRNA(+)
NC_023014	Potyviridae	320856	Bidens mosaic virus	Viridiplantae	Bidens pilosa	Potyvirus	ssRNA(+)
NC_023021	Dicistroviridae	1432856	Formica exsecta virus 1	Insecta	Formica exsecta	unclassified Dicistrovir	ssRNA(+)
NC_023175	Potyviridae	1406816	Zucchini tigre mosaic virus	Viridiplantae	Momordica charantia	Potyvirus	ssRNA(+)
NC_023422	Picornaviridae	1452516	Caprine kobuvirus	Mammalia	Capra hircus	Kobuvirus	ssRNA(+)
NC_023628	Potyviridae	160842	Narcissus late season yellows virus	Viridiplantae	Narcissus	Potyvirus	ssRNA(+)
NC_023629	Astroviridae	1027248	Bovine astrovirus B76/HK	Mammalia	Bos taurus	Mamastrovirus	ssRNA(+)
NC_023630	Astroviridae	1027247	Bovine astrovirus B76-2/HK	Mammalia	Bos taurus	Mamastrovirus	ssRNA(+)
NC_023631	Astroviridae	1027245	Bovine astrovirus B18/HK	Mammalia	Bos taurus	Mamastrovirus	ssRNA(+)
NC_023632	Astroviridae	1027244	Bovine astrovirus B170/HK	Mammalia	Bos taurus	Mamastrovirus	ssRNA(+)
NC_023636	Astroviridae	1093928	Porcine astrovirus 5	Mammalia	Sus scrofa	unclassified Astroviridae	ssRNA(+)
NC_023674	Astroviridae	1105378	Porcine astrovirus 2	Mammalia	Sus scrofa	Mamastrovirus	ssRNA(+)
NC_023675	Astroviridae	1105379	Porcine astrovirus 4	Mammalia	Sus scrofa	Mamastrovirus	ssRNA(+)
NC_023760	Coronaviridae	766791	Mink coronavirus strain WD1127	Mammalia	Neogale vison	Alphacoronavirus	ssRNA(+)
NC_023984	Picornaviridae	1233383	Human cosavirus	Mammalia	Homo sapiens	Cosavirus	ssRNA(+)
NC_024070	Picornaviridae	1511807	Rosavirus A2	Mammalia	Homo sapiens	Rosavirus	ssRNA(+)
NC_024073	Picornaviridae	47681	Enterovirus sp.	Mammalia	Mandrillus sphinx	Enterovirus	ssRNA(+)
NC_024297	Astroviridae	1435485	Bovine astrovirus	Mammalia	Bos taurus	Mamastrovirus	ssRNA(+)
NC_024471	Potyviridae	2170240	Yellow oat grass mosaic virus	Viridiplantae	Trisetum flavescens	Tritimovirus	ssRNA(+)
NC_024472	Astroviridae	1518575	Human astrovirus BF34	Mammalia	Homo sapiens	Mamastrovirus	ssRNA(+)
NC_024498	Astroviridae	1522059	Bovine astrovirus CH13	Mammalia	Bos taurus	unclassified Astroviridae	ssRNA(+)
NC_024701	Astroviridae	1538452	Feline astrovirus D1	Mammalia	Felis catus	Mamastrovirus	ssRNA(+)
NC_025114	Picornaviridae	1547495	Salivirus FHB	Mammalia	Homo sapiens	Salivirus	ssRNA(+)
NC_025217	Coronaviridae	1541205	Bat Hp-betacoronavirus/Zhejiang2013	Mammalia	Hipposideros pratti	Betacoronavirus	ssRNA(+)
NC_025250	Potyviridae	326202	Vanilla distortion mosaic virus	Viridiplantae	Coriandrum sativum	Potyvirus	ssRNA(+)
NC_025251	Rhabdoviridae	1072176	Lyssavirus bokeloh	Mammalia	Myotis nattereri	Lyssavirus	ssRNA(-)
NC_025253	Rhabdoviridae	1027468	Farmington virus	Mammalia	Chlorocebus aethiops	unclassified Rhabdovirus	ssRNA(-)
NC_025254	Potyviridae	114922	Carrot thin leaf virus	Viridiplantae	Coriandrum sativum	Potyvirus	ssRNA(+)
NC_025255	Rhabdoviridae	1046251	Maraba virus	Mammalia	Homo sapiens	Vesiculovirus	ssRNA(-)
NC_025256	Paramyxoviridae	2847089	Ghana virus	Mammalia	Eidolon helvum	Henipavirus	ssRNA(-)
NC_025341	Rhabdoviridae	1408144	Fikirini rhabdovirus	Mammalia	Macronycteris commersoni	Ledantavirus	ssRNA(-)
NC_025342	Rhabdoviridae	1428456	Kolente virus	Mammalia	Hipposideros jonesi	Ledantavirus	ssRNA(-)
NC_025343	Paramyxoviridae	1452514	Sosuga virus	Mammalia	Homo sapiens	Pararubulavirus	ssRNA(-)
NC_025346	Astroviridae	1161132	Rabbit astrovirus TN/2208/2010	Mammalia	Oryctolagus cuniculus	Mamastrovirus	ssRNA(+)
NC_025347	Paramyxoviridae	2560317	Avian metaavulavirus 7	Mammalia	Chlorocebus aethiops	Metaavulavirus	ssRNA(-)
NC_025348	Paramyxoviridae	798073	Tuhoko virus 2	Mammalia	Rousettus leschenaultii	Pararubulavirus	ssRNA(-)
NC_025349	Paramyxoviridae	862945	Avian paramyxovirus penguin/Falkland	Mammalia	Chlorocebus aethiops	Metaavulavirus	ssRNA(-)
NC_025350	Paramyxoviridae	798074	Tuhoko virus 3	Mammalia	Rousettus leschenaultii	Pararubulavirus	ssRNA(-)
NC_025351	Paramyxoviridae	1221391	Cedar virus	Mammalia	Pteropus sp.	Henipavirus	ssRNA(-)
NC_025352	Paramyxoviridae	1474807	Mojiang virus	Mammalia	Rattus tanezumi sladeni	Henipavirus	ssRNA(-)
NC_025353	Rhabdoviridae	198833	Vesicular stomatitis Alagoas virus	Mammalia	Bos taurus	Vesiculovirus	ssRNA(-)
NC_025355	Paramyxoviridae	1117633	Tailam virus	Mammalia	Rattus andamanensis	Jeilongvirus	ssRNA(-)
NC_025358	Rhabdoviridae	318834	Berrimah virus	Mammalia	Bos taurus	Ephemerovirus	ssRNA(-)
NC_025359	Rhabdoviridae	698672	Moussa virus	Insecta	Culex decens	Mousrhavirus	ssRNA(-)

NC_025361	Paramyxoviridae	2560315	Avian metaavulavirus 5	Mammalia	Chlorocebus aethiops	Metaavulavirus	ssRNA(-)
NC_025362	Rhabdoviridae	1272959	Xiburema virus	Insecta	Sabethes intermedius	Arurhavirus	ssRNA(-)
NC_025364	Rhabdoviridae	1972570	Vesiculovirus malpais	Insecta	Ochlerotatus campestris	Vesiculovirus	ssRNA(-)
NC_025365	Rhabdoviridae	746543	Lyssavirus shimoni	Mammalia	Macronycteris commersoni	Lyssavirus	ssRNA(-)
NC_025377	Rhabdoviridae	249584	Lyssavirus caucasicus	Mammalia	Miniopterus schreibersii	Lyssavirus	ssRNA(-)
NC_025378	Rhabdoviridae	1972567	Vesiculovirus bogdanovac	Mammalia	Chlorocebus aethiops	Vesiculovirus	ssRNA(-)
NC_025379	Astroviridae	1239567	Mamastrovirus 3	Mammalia	Sus scrofa	Mamastrovirus	ssRNA(+)
NC_025382	Rhabdoviridae	1481139	Spodoptera frugiperda rhabdovirus	Insecta	Spodoptera frugiperda	Betapaprhavirus	ssRNA(-)
NC_025384	Rhabdoviridae	936308	Culex tritaeniorhynchus rhabdovirus	Insecta	Culex tritaeniorhynchus	Merhavirus	ssRNA(-)
NC_025385	Rhabdoviridae	237716	Lyssavirus khujand	Mammalia	Myotis mystacinus	Lyssavirus	ssRNA(-)
NC_025386	Paramyxoviridae	120499	Salem virus	Mammalia	Equus caballus	Salemvirus	ssRNA(-)
NC_025389	Rhabdoviridae	488317	Eggplant mottled dwarf nucleorhabdovirus	Viridiplantae	Agapanthus	Alphanucleorhabdovirus	ssRNA(-)
NC_025390	Paramyxoviridae	2560326	Avian orthoavulavirus 9	Mammalia	Chlorocebus aethiops	Orthoavulavirus	ssRNA(-)
NC_025393	Rhabdoviridae	1972683	Almendravirus arboretum	Insecta	Psorophora	Almendravirus	ssRNA(-)
NC_025394	Rhabdoviridae	1972569	Vesiculovirus perinet	Insecta	Culicidae	Vesiculovirus	ssRNA(-)
NC_025395	Rhabdoviridae	1479613	Puerto Almendras virus	Insecta	Ochlerotatus fulvus	Almendravirus	ssRNA(-)
NC_025396	Rhabdoviridae	318835	Kimberley virus	Mammalia	Bos taurus	Ephemerovirus	ssRNA(-)
NC_025397	Rhabdoviridae	764599	Coastal Plains virus	Mammalia	Bos taurus	Tibrovirus	ssRNA(-)
NC_025399	Rhabdoviridae	318852	Oak-Vale virus	Insecta	Culex edwardsi	Sunrhavirus	ssRNA(-)
NC_025400	Rhabdoviridae	1229186	Malakal virus	Insecta	Mansonia uniformis	Ephemerovirus	ssRNA(-)
NC_025402	Paramyxoviridae	1357321	Porcine respirovirus 1	Mammalia	Sus scrofa domesticus	Respirovirus	ssRNA(-)
NC_025403	Paramyxoviridae	1261100	Achimota virus 1	Mammalia	Eidolon helvum	Pararubulavirus	ssRNA(-)
NC_025404	Paramyxoviridae	1261101	Achimota virus 2	Mammalia	Eidolon helvum	Pararubulavirus	ssRNA(-)
NC_025405	Rhabdoviridae	1348439	Niakha virus	Insecta	Phlebotominae	Sripuvirus	ssRNA(-)
NC_025406	Rhabdoviridae	1511639	Dolphin rhabdovirus	Mammalia	Lagenorhynchus albirostris	Cetarhavirus	ssRNA(-)
NC_025408	Rhabdoviridae	642022	Lyssavirus Ozernoe	Mammalia	Homo sapiens	Lyssavirus	ssRNA(-)
NC_025410	Paramyxoviridae	798072	Tuhoko virus 1	Mammalia	Rousettus leschenaultii	Pararubulavirus	ssRNA(-)
NC_025474	Picornaviridae	2169853	Crohivirus A	Mammalia	Crocodyrus hirta	Crohivirus	ssRNA(+)
NC_025675	Picornaviridae	1562064	hunnivirus A4	Mammalia	Rattus norvegicus	Hunnivirus	ssRNA(+)
NC_025821	Potyviridae	443746	Asparagus virus 1	Viridiplantae	Nicotiana benthamiana	Potyvirus	ssRNA(+)
NC_025961	Picornaviridae	1582094	Cosavirus JMY-2014	Mammalia	Homo sapiens	Cosavirus	ssRNA(+)
NC_026011	Coronaviridae	1590370	Betacoronavirus HKU24	Mammalia	Rattus norvegicus	Betacoronavirus	ssRNA(+)
NC_026249	Picornaviridae	1564115	Bovine picornavirus	Mammalia	Bos taurus	Bopivirus	ssRNA(+)
NC_026315	Picornaviridae	1603963	Lesavirus 1	Mammalia	Lemur catta	Malagasivirus	ssRNA(+)
NC_026316	Picornaviridae	1603964	Lesavirus 2	Mammalia	Varecia variegata	Malagasivirus	ssRNA(+)
NC_026470	Picornaviridae	2003501	African bat icavirus PREDICT-06105	Mammalia	Macronycteris gigas	Mischivirus	ssRNA(+)
NC_026615	Potyviridae	945960	Tamarillo leaf malformation virus	Viridiplantae	Solanum betaceum	Potyvirus	ssRNA(+)
NC_026759	Potyviridae	46076	Artichoke latent virus	Viridiplantae	Cynara cardunculus var. scolymus	Macluravirus	ssRNA(+)
NC_026814	Astroviridae	1157338	Canine astrovirus	Mammalia	Canis lupus familiaris	Mamastrovirus	ssRNA(+)
NC_027054	Picornaviridae	1156769	Porcine kobuvirus	Mammalia	Sus scrofa	Kobuvirus	ssRNA(+)
NC_027210	Potyviridae	369752	Catharanthus mosaic virus	Viridiplantae	Mandevilla	Potyvirus	ssRNA(+)
NC_027706	Potyviridae	1688637	Lettuce Italian necrotic virus	Viridiplantae	Lactuca sativa	Potyvirus	ssRNA(+)
NC_027711	Astroviridae	1662272	Dromedary astrovirus	Mammalia	Camelus dromedarius	Mamastrovirus	ssRNA(+)
NC_027818	Picornaviridae	1708572	Phopivirus	Mammalia	Phoca vitulina	Hepatovirus	ssRNA(+)
NC_027915	Secoviridae	1720595	Bellflower vein chlorosis virus	Viridiplantae	Campanula trachelium	Waikavirus	ssRNA(+)
NC_027918	Picornaviridae	1659219	Kobuvirus cattle/Kagoshima-2-24-Ko	Mammalia	Bos taurus	Kobuvirus	ssRNA(+)
NC_027919	Picornaviridae	1659220	Kobuvirus cattle/Kagoshima-1-22-Ko	Mammalia	Bos taurus	Kobuvirus	ssRNA(+)
NC_028230	Rhabdoviridae	1620892	Inhangapi virus	Insecta	Nyssomyia flaviscutellata	Arurhavirus	ssRNA(-)
NC_028231	Rhabdoviridae	195059	Datura yellow vein nucleorhabdovirus	Viridiplantae	Thunbergia alata	Betanucleorhabdovirus	ssRNA(-)
NC_028232	Rhabdoviridae	1569258	Walkabout Creek virus	Insecta	Culicoides austropalpalis	Sunrhavirus	ssRNA(-)

NC_028234	Rhabdoviridae	1552661	Santa barbara virus	Insecta	Psychodidae	Arurhavirus	ssRNA(-)
NC_028236	Rhabdoviridae	1537975	Kumasi rhabdovirus	Mammalia	Eidolon helvum	Ledantavirus	ssRNA(-)
NC_028237	Rhabdoviridae	998864	Alfalfa dwarf virus	Viridiplantae	Medicago sativa	Cytorhabdovirus	ssRNA(-)
NC_028239	Rhabdoviridae	1550518	Koolpinyah virus	Mammalia	Bos taurus	Ephemerovirus	ssRNA(-)
NC_028241	Rhabdoviridae	1272960	Yata virus	Insecta	Mansonia uniformis	Ephemerovirus	ssRNA(-)
NC_028249	Paramyxoviridae	11240	Phocine morbillivirus	Mammalia	Phocidae	Morbillivirus	ssRNA(-)
NC_028255	Rhabdoviridae	50713	Cocal virus	Mammalia	Equus caballus	Vesiculovirus	ssRNA(-)
NC_028362	Paramyxoviridae	1529392	Caprine parainfluenza virus 3	Mammalia	Capra hircus	Respirovirus	ssRNA(-)
NC_028363	Picornaviridae	1987140	Rodent hepatovirus RMU101637Mic2	Mammalia	Microtus arvalis	Hepatovirus	ssRNA(+)
NC_028364	Picornaviridae	1987145	Shrew hepatovirus KS121232Sorara2	Mammalia	Sorex araneus	Hepatovirus	ssRNA(+)
NC_028365	Picornaviridae	1987144	Hedgehog hepatovirus Igel8Erieur201	Mammalia	Erinaceus europaeus	Hepatovirus	ssRNA(+)
NC_028366	Picornaviridae	2766976	hepatovirus H2	Mammalia	Eidolon helvum	Hepatovirus	ssRNA(+)
NC_028484	Rhabdoviridae	1758878	Tongilchon virus 1	Insecta	Culex bitaeniorhynchus	Ohlshavirus	ssRNA(-)
NC_028806	Coronaviridae	1766554	Swine enteric coronavirus	Mammalia	Sus scrofa	Alphacoronavirus	ssRNA(+)
NC_028811	Coronaviridae	1503289	BtMr-AlphaCoV/SAX2011	Mammalia	Myotis ricketti	Alphacoronavirus	ssRNA(+)
NC_028814	Coronaviridae	1503292	BtRf-AlphaCoV/HuB2013	Mammalia	Rhinolophus ferrumequinum	Alphacoronavirus	ssRNA(+)
NC_028824	Coronaviridae	1503293	BtRf-AlphaCoV/YN2012	Mammalia	Rhinolophus ferrumequinum	Alphacoronavirus	ssRNA(+)
NC_028833	Coronaviridae	1503291	BtNv-AlphaCoV/SC2013	Mammalia	Nyctalus velutinus	Alphacoronavirus	ssRNA(+)
NC_028867	Rhabdoviridae	1504569	Fox fecal rhabdovirus	Mammalia	Vulpes vulpes	unclassified Rhabdovirus	ssRNA(-)
NC_028981	Picornaviridae	1768064	Tupaia hepatovirus A	Mammalia	Tupaia chinensis	Hepatovirus	ssRNA(+)
NC_029051	Potyviridae	1775963	Jasmine virus T	Viridiplantae	Jasminum	Potyvirus	ssRNA(+)
NC_029076	Potyviridae	32620	Iris severe mosaic virus	Viridiplantae	Iris	Potyvirus	ssRNA(+)
NC_029854	Picornaviridae	1604871	Yak enterovirus	Mammalia	Bos grunniens	Enterovirus	ssRNA(+)
NC_030115	Dicistroviridae	1769780	Anopheles C virus	Insecta	Anopheles gambiae	Cripavirus	ssRNA(+)
NC_030118	Potyviridae	1792583	Tobacco mosquado virus	Viridiplantae	Nicotiana tabacum	Potyvirus	ssRNA(+)
NC_030231	Paramyxoviridae	1401445	Avian paramyxovirus goose/Shimane/	Mammalia	Chlorocebus aethiops	Orthoavulavirus	ssRNA(-)
NC_030236	Potyviridae	2170135	Impatiens flower break virus	Viridiplantae	Impatiens walleriana	Potyvirus	ssRNA(+)
NC_030292	Coronaviridae	1264898	Ferret coronavirus	Mammalia	Mustela putorius	Alphacoronavirus	ssRNA(+)
NC_030293	Potyviridae	1856031	Pecan mosaic-associated virus	Viridiplantae	Carya illinoensis	Potyvirus	ssRNA(+)
NC_030391	Potyviridae	1862127	Wild onion symptomless virus	Viridiplantae	Allium	Potyvirus	ssRNA(+)
NC_030451	Rhabdoviridae	1585246	Diachasmimorpha longicauda rhabdovirus	Insecta	Diachasmimorpha longicauda	unclassified Rhabdovirus	ssRNA(-)
NC_030454	Picornaviridae	2760809	enterovirus A114	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
NC_030692	Bornaviridae	1714622	Borna disease virus 2	Mammalia	Equus caballus	Orthobornavirus	ssRNA(-)
NC_030701	Bornaviridae	1885248	Variegated squirrel bornavirus 1	Mammalia	Echinosciurus variegatoides	Orthobornavirus	ssRNA(-)
NC_030794	Potyviridae	1886606	Callistephus mottle virus	Viridiplantae	Callistephus chinensis	Potyvirus	ssRNA(+)
NC_030840	Potyviridae	1890365	Coccinia mottle virus	Viridiplantae	Coccinia grandis	Ipomovirus	ssRNA(+)
NC_030843	Picornaviridae	1888309	Washington bat picornavirus	Mammalia	Chiroptera	unclassified Picornavirus	ssRNA(+)
NC_030847	Potyviridae	2170132	Barbacena virus Y	Viridiplantae	Spermatophyta	Potyvirus	ssRNA(+)
NC_030886	Coronaviridae	1892416	Rousettus bat coronavirus	Mammalia	Rousettus leschenaultii	Betacoronavirus	ssRNA(+)
NC_030922	Astroviridae	1239565	Mamastrovirus 1	Mammalia	Homo sapiens	Mamastrovirus	ssRNA(+)
NC_031093	Rhabdoviridae	1608064	Sanxia Water Strider Virus 5	Insecta	Gerridae	unclassified Rhabdovirus	ssRNA(-)
NC_031105	Picornaviridae	1902501	Rosavirus B	Mammalia	Rattus norvegicus	Rosavirus	ssRNA(+)
NC_031106	Picornaviridae	1902502	Rosavirus C	Mammalia	Rattus andamanensis	Rosavirus	ssRNA(+)
NC_031216	Rhabdoviridae	1608067	Shayang Fly Virus 3	Insecta	Chrysomya megacephala	Alphadrosrhavirus	ssRNA(-)
NC_031225	Rhabdoviridae	1608109	Wuhan Insect virus 4	Insecta	Hyalopterus pruni	Cytorhabdovirus	ssRNA(-)
NC_031227	Rhabdoviridae	1608110	Wuhan Insect virus 5	Insecta	Hyalopterus pruni	Cytorhabdovirus	ssRNA(-)
NC_031232	Rhabdoviridae	1608111	Wuhan Insect virus 6	Insecta	Hyalopterus pruni	Cytorhabdovirus	ssRNA(-)
NC_031236	Rhabdoviridae	1608112	Wuhan Insect virus 7	Insecta	Hyalopterus pruni	unclassified Rhabdovirus	ssRNA(-)
NC_031240	Rhabdoviridae	1608114	Wuhan Louse Fly Virus 10	Insecta	Hippoboscidae	Sigmavirus	ssRNA(-)
NC_031278	Rhabdoviridae	1608102	Wuhan Fly Virus 2	Insecta	Musca domestica	Sigmavirus	ssRNA(-)

NC_031283	Rhabdoviridae	1608105	Wuhan House Fly Virus 2	Insecta	Musca domestica	Alphadrosrhavirus	ssRNA(-)
NC_031301	Rhabdoviridae	1608119	Wuhan Louse Fly Virus 5	Insecta	Hippoboscidae	Ledantavirus	ssRNA(-)
NC_031302	Rhabdoviridae	1608123	Wuhan Louse Fly Virus 9	Insecta	Hippoboscidae	Sigmavirus	ssRNA(-)
NC_031339	Potyviriidae	291286	Euphorbia ringspot virus	Viridiplantae	Euphorbia milii	Potyvirus	ssRNA(+)
NC_031687	Dicistroviridae	1916650	Centovirus AC	Insecta	Culicidae	Centovirus	ssRNA(+)
NC_031688	Dicistroviridae	1911442	Mosquito dicistrovirus	Insecta	Culicidae	Centovirus	ssRNA(+)
NC_031690	Rhabdoviridae	1911434	Orgi virus	Insecta	Orgyia pseudotsugata	unclassified Rhabdovir	ssRNA(-)
NC_031955	Rhabdoviridae	1213198	Lleida bat lyssavirus	Mammalia	Miniopterus schreibersii	Lyssavirus	ssRNA(-)
NC_031957	Rhabdoviridae	1972685	Almendravirus cootbay	Insecta	Aedes albopictus	Almendravirus	ssRNA(-)
NC_031958	Rhabdoviridae	1972687	Almendravirus chico	Insecta	Culicidae	Almendravirus	ssRNA(-)
NC_031988	Rhabdoviridae	1846259	Gannoruwa bat lyssavirus	Mammalia	Pteropus giganteus	Lyssavirus	ssRNA(-)
NC_032423	Astroviridae	1906173	Bastrovirus/VietNam/Porcine/17489_1	Mammalia	Sus scrofa	unclassified Astroviridae	ssRNA(+)
NC_032426	Astroviridae	1906170	Bastrovirus-like_virus/VietNam/Bat/1	Mammalia	Chiroptera	unclassified Astroviridae	ssRNA(+)
NC_032484	Astroviridae	1906175	Bastrovirus/VietNam/Rat/16715_10	Mammalia	Rattus norvegicus	Bastrovirus	ssRNA(+)
NC_032730	Coronaviridae	1508224	Lucheng Rn rat coronavirus	Mammalia	Rattus norvegicus	Alphacoronavirus	ssRNA(+)
NC_032912	Potyviriidae	1922832	Hubei Poty-like virus 1	Insecta	Diptera	unclassified Potyviriidae	ssRNA(+)
NC_033695	Picornaviridae	1929150	Enterovirus AN12	Mammalia	Bos taurus	Enterovirus	ssRNA(+)
NC_033792	Astroviridae	1961665	Qinghai Himalayan marmot astrovirus	Mammalia	Marmota himalayana	Mamastrovirus	ssRNA(+)
NC_033818	Picornaviridae	2169965	Kunsagivirus B	Mammalia	Eidolon helvum	Kunsagivirus	ssRNA(+)
NC_033819	Picornaviridae	2169854	Crohivirus B	Mammalia	Eidolon helvum	Crohivirus	ssRNA(+)
NC_033821	Astroviridae	1961666	Qinghai Himalayan marmot astrovirus	Mammalia	Marmota himalayana	Mamastrovirus	ssRNA(+)
NC_034206	Picornaviridae	2870349	kunsagivirus C1	Mammalia	Papio cynocephalus	Kunsagivirus	ssRNA(+)
NC_034208	Potyviriidae	1963260	Sunflower ring blotch virus	Viridiplantae	Helianthus annuus	Potyvirus	ssRNA(+)
NC_034240	Rhabdoviridae	1967841	Tomato yellow mottle-associated virus	Viridiplantae	Solanum lycopersicum	Cytorhabdovirus	ssRNA(-)
NC_034245	Picornaviridae	1606765	Bovine rhinovirus 1	Mammalia	Bos taurus	Aphthovirus	ssRNA(+)
NC_034267	Picornaviridae	1849328	Enterovirus goat/JL14	Mammalia	Capra hircus	Enterovirus	ssRNA(+)
NC_034273	Potyviriidae	73423	Endive necrotic mosaic virus	Viridiplantae	Helianthus annuus	Potyvirus	ssRNA(+)
NC_034381	Picornaviridae	1195365	Miniopterus schreibersii picornavirus	Mammalia	Miniopterus schreibersii	Mischivirus	ssRNA(+)
NC_034385	Picornaviridae	2003652	Cosavirus F	Mammalia	Homo sapiens	Cosavirus	ssRNA(+)
NC_034443	Rhabdoviridae	318848	Le Dantec virus	Mammalia	Homo sapiens	Ledantavirus	ssRNA(-)
NC_034447	Rhabdoviridae	200401	Hart Park virus	Insecta	Culex tarsalis	Hapavirus	ssRNA(-)
NC_034448	Rhabdoviridae	200403	Mosqueiro virus	Insecta	Culex portesi	Hapavirus	ssRNA(-)
NC_034449	Rhabdoviridae	318845	Parry Creek virus	Insecta	Culex annulirostris	Hapavirus	ssRNA(-)
NC_034450	Rhabdoviridae	200402	Kamese virus	Insecta	Culex	Hapavirus	ssRNA(-)
NC_034451	Rhabdoviridae	380433	Kern Canyon virus	Mammalia	Myotis yumanensis	Ledantavirus	ssRNA(-)
NC_034453	Picornaviridae	1394142	Ferret parechovirus	Mammalia	Mustela putorius furo	Parechovirus	ssRNA(+)
NC_034508	Rhabdoviridae	1972565	Vesiculovirus morreton	Insecta	Lutzomyia	Vesiculovirus	ssRNA(-)
NC_034531	Rhabdoviridae	1272949	Manitoba virus	Insecta	Culex tarsalis	Hapavirus	ssRNA(-)
NC_034534	Rhabdoviridae	380435	Rochambeau virus	Insecta	Coquillettia albicosta	Curiovirus	ssRNA(-)
NC_034535	Rhabdoviridae	380438	Barur virus	Mammalia	Rattus rattus	Ledantavirus	ssRNA(-)
NC_034537	Rhabdoviridae	1272946	La Joya virus	Insecta	Culex dunni	Hapavirus	ssRNA(-)
NC_034538	Rhabdoviridae	1272943	Joinjakaka virus	Insecta	Culicinae	Hapavirus	ssRNA(-)
NC_034539	Rhabdoviridae	380442	Nkolbisson virus	Insecta	Eretmapodites leucopous	Ledantavirus	ssRNA(-)
NC_034540	Rhabdoviridae	380440	Keuraliba virus	Mammalia	Gerbilliscus kempfi	Ledantavirus	ssRNA(-)
NC_034541	Rhabdoviridae	1272942	Gray Lodge virus	Insecta	Culex tarsalis	Hapavirus	ssRNA(-)
NC_034542	Rhabdoviridae	1620897	Sripur virus	Insecta	Sergentomyia sp.	Sripuvirus	ssRNA(-)
NC_034545	Rhabdoviridae	380434	Mount Elgon bat virus	Mammalia	Rhinolophus eloquens	Ledantavirus	ssRNA(-)
NC_034546	Rhabdoviridae	1272958	Sweetwater Branch virus	Insecta	Culicoides insignis	Tibrovirus	ssRNA(-)
NC_034548	Rhabdoviridae	1272953	Oita virus	Mammalia	Rhinolophus cornutus	Ledantavirus	ssRNA(-)
NC_034549	Rhabdoviridae	909206	Klamath virus	Mammalia	Mesocricetus auratus	Tupavirus	ssRNA(-)

NC_034551	Rhabdoviridae	1775456 Colocasia bobone disease-associated v	Viridiplantae	Colocasia esculenta	Cytorhabdovirus	ssRNA(-)
NC_034835	Potyviridae	1993907 Longan witches broom-associated vir	Viridiplantae	Dimocarpus longan	Potyviridaevirus	ssRNA(+)
NC_034972	Coronaviridae	1964806 Coronavirus AcCoV-JC34	Mammalia	Apodemus chevrieri	Alphacoronavirus	ssRNA(+)
NC_034973	Dicistroviridae	2005444 Aphis glycines virus 3	Insecta	Aphis glycines	Cripavirus	ssRNA(+)
NC_034974	Astroviridae	1239566 Mamastrovirus 2	Mammalia	Sus scrofa	Mamastrovirus	ssRNA(+)
NC_035110	Picornaviridae	2013564 Fur seal picorna-like virus	Mammalia	Arctocephalus gazella	unclassified Picornaviri	ssRNA(+)
NC_035115	Dicistroviridae	1983569 Apis dicistrovirus	Insecta	Apis mellifera	unclassified Dicistrovir	ssRNA(+)
NC_035132	Rhabdoviridae	2010277 Culex rhabdo-like virus	Insecta	Culex quinquefasciatus	Ohlsrhavirus	ssRNA(-)
NC_035134	Potyviridae	2005044 Cucurbit vein banding virus	Viridiplantae	Cucurbita maxima	Potyvirus	ssRNA(+)
NC_035184	Dicistroviridae	1041883 Big Sioux River virus	Insecta	Aphis fabae	unclassified Dicistrovir	ssRNA(+)
NC_035198	Picornaviridae	2016448 Aimelvirus 2	Mammalia	Ailuropoda melanoleuca	unclassified Picornaviri	ssRNA(+)
NC_035458	Potyviridae	2018313 Wild melon vein banding virus	Viridiplantae	Cucumis melo subsp. agrestis	Potyvirus	ssRNA(+)
NC_035459	Potyviridae	2018312 Sudan watermelon mosaic virus	Viridiplantae	Cucumis melo var. flexuosus	Potyvirus	ssRNA(+)
NC_035461	Potyviridae	1959287 Reed chlorotic stripe virus	Viridiplantae	Phragmites australis	unclassified Potyviridae	ssRNA(+)
NC_035471	Astroviridae	1906172 Bastrovirus/VietNam/Bat/16715_78	Mammalia	Chiroptera	Bastrovirus	ssRNA(+)
NC_036390	Rhabdoviridae	348823 Maize Iranian mosaic nucleorhabdovir	Viridiplantae	Zea mays	Alphanucleorhabdoviru	ssRNA(-)
NC_036583	Astroviridae	1914442 Rodent astrovirus	Mammalia	Rattus norvegicus	Mamastrovirus	ssRNA(+)
NC_036802	Potyviridae	2070152 Saffron latent virus	Viridiplantae	Crocus sativus	Potyvirus	ssRNA(+)
NC_037051	Potyviridae	421013 Hyacinth mosaic virus	Viridiplantae	Hyacinthus orientalis	Potyvirus	ssRNA(+)
NC_037654	Picornaviridae	2220002 Sichuan takin enterovirus	Mammalia	Budorcas taxicolor tibetana	Enterovirus	ssRNA(+)
NC_037655	Astroviridae	2220003 Sichuan takin astrovirus	Mammalia	Budorcas taxicolor tibetana	unclassified Astroviride	ssRNA(+)
NC_038270	Paramyxoviridae	929831 Simian Agent 10	Mammalia	Cercopithecus mitis	Respirovirus	ssRNA(-)
NC_038275	Rhabdoviridae	200404 Mossuril virus	Insecta	Culex sitiens	Hapavirus	ssRNA(-)
NC_038276	Rhabdoviridae	1978536 Ledantavirus nishimuro	Mammalia	Sus scrofa	Ledantavirus	ssRNA(-)
NC_038278	Rhabdoviridae	1308859 Drosophila affinis sigmavirus	Insecta	Drosophila affinis	Sigmavirus	ssRNA(-)
NC_038279	Rhabdoviridae	1002359 Drosophila ananassae sigmavirus	Insecta	Drosophila ananassae	Sigmavirus	ssRNA(-)
NC_038280	Rhabdoviridae	1002360 Drosophila immigrans sigmavirus	Insecta	Diptera	Sigmavirus	ssRNA(-)
NC_038281	Rhabdoviridae	666961 Drosophila melanogaster sigmavirus F	Insecta	Drosophila melanogaster	Sigmavirus	ssRNA(-)
NC_038282	Rhabdoviridae	1987020 Ekpoma virus 1	Mammalia	Homo sapiens	Tibrovirus	ssRNA(-)
NC_038283	Rhabdoviridae	1987021 Ekpoma virus 2	Mammalia	Homo sapiens	Tibrovirus	ssRNA(-)
NC_038284	Rhabdoviridae	710545 Durham virus	Mammalia	Chlorocebus aethiops	Tupavirus	ssRNA(-)
NC_038286	Rhabdoviridae	11274 Piry virus	Mammalia	Philander opossum	Vesiculovirus	ssRNA(-)
NC_038287	Rhabdoviridae	1972566 Vesiculovirus radi	Insecta	Phlebotomus perfiliewi	Vesiculovirus	ssRNA(-)
NC_038305	Picornaviridae	2034827 cardiovirus C1	Mammalia	Rattus norvegicus	Cardiovirus	ssRNA(+)
NC_038306	Picornaviridae	33757 Coxsackievirus A2	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
NC_038307	Picornaviridae	12072 Coxsackievirus B3	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
NC_038308	Picornaviridae	42789 enterovirus D68	Mammalia	Macaca mulatta	Enterovirus	ssRNA(+)
NC_038309	Picornaviridae	442851 Simian enterovirus SV4	Mammalia	Macaca mulatta	Enterovirus	ssRNA(+)
NC_038310	Picornaviridae	1637527 Dromedary camel enterovirus 19CC	Mammalia	Camelus dromedarius	Enterovirus	ssRNA(+)
NC_038311	Picornaviridae	573824 rhinovirus A1	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
NC_038312	Picornaviridae	44130 rhinovirus B3	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
NC_038313	Picornaviridae	1987139 Bat hepatovirus SMG18520Minnav20	Mammalia	Miniopterus manavi	Hepatovirus	ssRNA(+)
NC_038314	Picornaviridae	1987141 Rodent hepatovirus CIV459Lopsik20	Mammalia	Lophuromys sikapusi	Hepatovirus	ssRNA(+)
NC_038315	Picornaviridae	1987142 Rodent hepatovirus KEF121Sigmas20	Mammalia	Sigmodon mascotensis	Hepatovirus	ssRNA(+)
NC_038316	Picornaviridae	1987143 Bat hepatovirus BUO2BF86Colafri201	Mammalia	Coleura afra	Hepatovirus	ssRNA(+)
NC_038319	Picornaviridae	12063 Human parechovirus 1	Mammalia	Homo sapiens	Parechovirus	ssRNA(+)
NC_038320	Secoviridae	680112 Carrot necrotic dieback virus	Viridiplantae	Daucus carota	Sequivirus	ssRNA(+)
NC_038504	Hepeviridae	879096 Hepatitis E virus rat/R63/DEU/2009	Mammalia	Rattus norvegicus	Rocahepevirus	ssRNA(+)
NC_038560	Potyviridae	1987403 Broad-leafed dock virus A	Viridiplantae	Rumex obtusifolius	Macluravirus	ssRNA(+)
NC_038561	Potyviridae	596957 Yam chlorotic necrotic mosaic virus	Viridiplantae	Dioscorea parviflora	Macluravirus	ssRNA(+)

NC_038562	Potyviriidae	12201	Gloriosa stripe mosaic virus	Viridiplantae	Papaver somniferum	Potyvirus	ssRNA(+)
NC_038878	Picornaviridae	992230	Human rhinovirus NAT001	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
NC_038880	Picornaviridae	1268383	Rosavirus M-7	Mammalia	Peromyscus crinitus	Rosavirus	ssRNA(+)
NC_038920	Potyviriidae	178599	Tomato mild mottle virus	Viridiplantae	Solanum lycopersicum	Ipomovirus	ssRNA(+)
NC_038961	Picornaviridae	2170191	Shanbavirus A	Mammalia	Miniopterus fuliginosus	Shanbavirus	ssRNA(+)
NC_038984	Potyviriidae	282712	Daphne virus Y	Viridiplantae	Daphne odora	Potyvirus	ssRNA(+)
NC_038989	Picornaviridae	1917412	Picornaviridae sp. rodent/Ee/PicoV/N	Mammalia	Rodentia	Enterovirus	ssRNA(+)
NC_039002	Potyviriidae	1982660	Bellflower veinal mottle virus	Viridiplantae	Campanula takesimana	Bevemovirus	ssRNA(+)
NC_039015	Paramyxoviridae	1928005	Avian paramyxovirus 14	Mammalia	Chlorocebus aethiops	Metaavulavirus	ssRNA(-)
NC_039017	Paramyxoviridae	2006072	Antarctic penguin virus A	Mammalia	Chlorocebus aethiops	Orthoavulavirus	ssRNA(-)
NC_039018	Paramyxoviridae	2006073	Antarctic penguin virus B	Mammalia	Chlorocebus aethiops	Orthoavulavirus	ssRNA(-)
NC_039019	Paramyxoviridae	2006074	Antarctic penguin virus C	Mammalia	Chlorocebus aethiops	Orthoavulavirus	ssRNA(-)
NC_039020	Rhabdoviridae	2014931	Kanyawara virus	Insecta	Dipselipoda	Ledantavirus	ssRNA(-)
NC_039088	Potyviriidae	104637	Cardamom mosaic virus	Viridiplantae	Elettaria cardamomum	Macluravirus	ssRNA(+)
NC_039195	Paramyxoviridae	2560318	Avian metaavulavirus 8	Mammalia	Homo sapiens	Metaavulavirus	ssRNA(-)
NC_039196	Paramyxoviridae	1170234	Feline morbillivirus	Mammalia	Felis catus	Morbillivirus	ssRNA(-)
NC_039197	Paramyxoviridae	152219	Menangle virus	Mammalia	Pteropus alecto	Pararubulavirus	ssRNA(-)
NC_039198	Paramyxoviridae	1554501	Teviot virus	Mammalia	Pteropus sp.	Pararubulavirus	ssRNA(-)
NC_039200	Rhabdoviridae	1972684	Almendravirus balsa	Insecta	Aedes albopictus	Almendravirus	ssRNA(-)
NC_039201	Rhabdoviridae	490110	Curionopolis virus	Insecta	Culicoides sp.	Curiovirus	ssRNA(-)
NC_039202	Rhabdoviridae	1972612	Hapavirus flanders	Insecta	Culiseta melanura	Hapavirus	ssRNA(-)
NC_039206	Rhabdoviridae	1972568	Vesiculovirus jurona	Insecta	Haemagogus sp.	Vesiculovirus	ssRNA(-)
NC_039207	Coronaviridae	1385427	Betacoronavirus Erinaceus/VMC/DEI	Mammalia	Erinaceus europaeus	Betacoronavirus	ssRNA(+)
NC_039209	Picornaviridae	47000	Equine rhinitis A virus	Mammalia	Equus caballus	Aphthovirus	ssRNA(+)
NC_039210	Picornaviridae	12118	Foot-and-mouth disease virus O	Mammalia	Mesocricetus auratus	Aphthovirus	ssRNA(+)
NC_039230	Paramyxoviridae	2560313	Avian metaavulavirus 2	Mammalia	Chlorocebus aethiops	Metaavulavirus	ssRNA(-)
NC_040532	Rhabdoviridae	1969830	Merida-like virus KE-2017a	Insecta	Culex pipiens	unclassified Rhabdovirus	ssRNA(-)
NC_040586	Secoviridae	2419797	Brassica napus RNA virus 1	Viridiplantae	Brassica napus	Waikavirus	ssRNA(+)
NC_040599	Rhabdoviridae	1803034	Merida virus	Insecta	Culex quinquefasciatus	Merhavivirus	ssRNA(-)
NC_040602	Rhabdoviridae	1919071	Menghai rhabdovirus	Insecta	Aedes albopictus	Almendravirus	ssRNA(-)
NC_040605	Picornaviridae	2161803	Marmot sapelovirus 1	Mammalia	Marmota himalayana	Sapelovirus	ssRNA(+)
NC_040611	Picornaviridae	2041149	Hedgehog dicapivirus	Mammalia	Erinaceus roumanicus	Dicapivirus	ssRNA(+)
NC_040647	Astroviridae	2304505	Culex Bastrovirus-like virus	Insecta	Culicidae	unclassified Astrovirus	ssRNA(+)
NC_040650	Potyviriidae	1403565	Pleione flower breaking virus	Viridiplantae	Pleione humilis	Potyvirus	ssRNA(+)
NC_040669	Rhabdoviridae	1803263	Riverside virus 1	Insecta	Ochlerotatus sp.	unclassified Rhabdovirus	ssRNA(-)
NC_040710	Hepeviridae	2152923	Sogatella furcifera hepe-like virus	Insecta	Sogatella furcifera	unclassified Hepeviridae	ssRNA(+)
NC_040786	Rhabdoviridae	1931356	Rice stripe mosaic virus	Viridiplantae	Oryza sativa	Cytorhabdovirus	ssRNA(-)
NC_040802	Potyviriidae	2136283	Lily yellow mosaic virus	Viridiplantae	Lilium	Potyvirus	ssRNA(+)
NC_040836	Potyviriidae	2306623	Areca palm necrotic spindle-spot virus	Viridiplantae	Areca catechu	Arepavirus	ssRNA(+)
NC_043067	Rhabdoviridae	1987017	Tibrovirus congo	Mammalia	Homo sapiens	Tibrovirus	ssRNA(-)
NC_043071	Picornaviridae	1281456	Bat picornavirus	Mammalia	Myotis ricketti	Shanbavirus	ssRNA(+)
NC_043072	Picornaviridae	2003500	Bat picornavirus BatPV/V1/13 Hun	Mammalia	Miniopterus schreibersii	Mischivirus	ssRNA(+)
NC_043172	Potyviriidae	1679239	Zucchini shoestring virus	Viridiplantae	Cucurbita pepo	Potyvirus	ssRNA(+)
NC_043532	Potyviriidae	2058396	Paris mosaic necrosis virus	Viridiplantae	Paris polyphylla	Potyvirus	ssRNA(+)
NC_043536	Potyviriidae	2058620	Mediterranean ruda virus	Viridiplantae	Capsicum annuum	Potyvirus	ssRNA(+)
NC_043537	Potyviriidae	2056161	African eggplant mosaic virus	Viridiplantae	Capsicum	Potyvirus	ssRNA(+)
NC_043538	Rhabdoviridae	2100727	Vaprio virus	Mammalia	Pipistrellus kuhlii	Ledantavirus	ssRNA(-)
NC_043539	Paramyxoviridae	2116559	Mount Mabu Lophuromys virus 1	Mammalia	Lophuromys machangui	Jeilongvirus	ssRNA(-)
NC_043540	Paramyxoviridae	2116560	Mount Mabu Lophuromys virus 2	Mammalia	Lophuromys machangui	Jeilongvirus	ssRNA(-)
NC_045512	Coronaviridae	2697049	Severe acute respiratory syndrome coronavirus	Mammalia	Homo sapiens	Betacoronavirus	ssRNA(+)

NC_046954	Coronaviridae	2050018	Rodent coronavirus	Mammalia	Myodes rufocanus	unclassified Coronavir	ssRNA(+)
NC_046955	Coronaviridae	2050019	Shrew coronavirus	Mammalia	Sorex araneus	unclassified Orthocoro	ssRNA(+)
NC_046964	Coronaviridae	2492658	Alphacoronavirus Bat-CoV/P.kuhlii/It	Mammalia	Pipistrellus kuhlii	Alphacoronavirus	ssRNA(+)
NC_055156	Picornaviridae	2682608	Rabovirus B1	Mammalia	Rodentia	Rabovirus	ssRNA(+)
NC_055159	Picornaviridae	1780058	tottorivirus A1	Mammalia	Sus scrofa domesticus	Tottorivirus	ssRNA(+)
NC_055160	Picornaviridae	2682606	Rabovirus D1	Mammalia	Mus musculus	Rabovirus	ssRNA(+)
NC_055167	Paramyxoviridae	2756244	bank vole virus 1	Mammalia	Myodes glareolus	Narmovirus	ssRNA(-)
NC_055168	Paramyxoviridae	2116604	Pohorje myodes paramyxovirus 1	Mammalia	Myodes glareolus	Jeilongvirus	ssRNA(-)
NC_055454	Rhabdoviridae	1168550	Maize yellow striate virus	Viridiplantae	Zea mays	Cytorhabdovirus	ssRNA(-)
NC_055456	Rhabdoviridae	1272945	Kwatta virus	Insecta	Culex sp.	Sunrhavirus	ssRNA(-)
NC_055457	Rhabdoviridae	1272952	New Minto virus	Mammalia	Lepus americanus	Sawgrhavirus	ssRNA(-)
NC_055460	Rhabdoviridae	1569259	Harrison Dam virus	Insecta	Culex annulirostris	Sunrhavirus	ssRNA(-)
NC_055466	Rhabdoviridae	1905830	Physostegia chlorotic mottle virus	Viridiplantae	Physostegia	Alphanucleorhabdoviru	ssRNA(-)
NC_055470	Potyviriidae	1972994	Gomphocarpus mosaic virus	Viridiplantae	Nicotiana benthamiana	Potyvirus	ssRNA(+)
NC_055473	Rhabdoviridae	2021721	Holmes Jungle virus	Insecta	Culex annulirostris	Hapavirus	ssRNA(-)
NC_055474	Rhabdoviridae	2026129	Taiwan bat lyssavirus	Mammalia	Pipistrellus abramus	Lyssavirus	ssRNA(-)
NC_055477	Rhabdoviridae	2040592	Ohlsdorf virus	Insecta	Ochlerotatus cantans	Ohlsrhavirus	ssRNA(-)
NC_055479	Rhabdoviridae	2051550	Cabbage cytorhabdovirus 1	Viridiplantae	Brassica oleracea	Cytorhabdovirus	ssRNA(-)
NC_055483	Potyviriidae	2734556	East Asian Passiflora distortion virus	Viridiplantae	Passiflora edulis	Potyvirus	ssRNA(+)
NC_055484	Rhabdoviridae	2152660	Wheat yellow striate virus	Viridiplantae	Triticum aestivum	Alphanucleorhabdoviru	ssRNA(-)
NC_055491	Potyviriidae	2175329	Yam chlorotic necrosis virus	Viridiplantae	Dioscorea	Macluravirus	ssRNA(+)
NC_055493	Potyviriidae	2212477	Alpinia oxyphylla mosaic virus	Viridiplantae	Alpinia oxyphylla	Macluravirus	ssRNA(+)
NC_055496	Potyviriidae	2293720	Mashua virus Y	Viridiplantae	Tropaeolum tuberosum	Potyvirus	ssRNA(+)
NC_055497	Potyviriidae	2294149	Passiflora edulis symptomless virus	Viridiplantae	Passiflora edulis	Roymovirus	ssRNA(+)
NC_055501	Potyviriidae	2306727	Areca palm necrotic ringspot virus	Viridiplantae	Areca catechu	Arepavirus	ssRNA(+)
NC_055503	Potyviriidae	2320870	Platycodon mild mottle virus	Viridiplantae	Platycodon grandiflorus	Potyvirus	ssRNA(+)
NC_055504	Rhabdoviridae	2364291	Cytorhabdovirus caricae	Viridiplantae	Carica papaya	Cytorhabdovirus	ssRNA(-)
NC_055505	Rhabdoviridae	2487100	Yerba mate chlorosis-associated virus	Viridiplantae	Ilex paraguariensis	Cytorhabdovirus	ssRNA(-)
NC_055506	Potyviriidae	2491019	Dioscorea mosaic virus	Viridiplantae	Dioscorea bulbifera	Potyvirus	ssRNA(+)
NC_055507	Potyviriidae	2494552	Celery latent virus	Viridiplantae	Apium graveolens	Secalinum Celavirus	ssRNA(+)
NC_055508	Paramyxoviridae	2495433	Alston virus	Mammalia	Pteropus alecto	Orthorubulavirus	ssRNA(-)
NC_055512	Rhabdoviridae	2497337	Morogoro maize-associated virus	Viridiplantae	Zea mays	Alphanucleorhabdoviru	ssRNA(-)
NC_055520	Potyviriidae	2562807	Dendrobium chlorotic mosaic virus	Viridiplantae	Dendrobium smillieae	Potyvirus	ssRNA(+)
NC_055529	Rhabdoviridae	758677	Raspberry vein chlorosis virus	Viridiplantae	Rubus idaeus	Cytorhabdovirus	ssRNA(-)
NC_055531	Rhabdoviridae	932699	Bahia Grande virus	Insecta	Ochlerotatus sollicitans	Barhavirus	ssRNA(-)
NC_055532	Rhabdoviridae	932700	Muir Springs virus	Insecta	Aedes sp.	Barhavirus	ssRNA(-)
NC_055567	Rhabdoviridae	2676436	Cytorhabdovirus fragariae	Viridiplantae	Fragaria x ananassa	Cytorhabdovirus	ssRNA(-)
NC_055568	Potyviriidae	2591696	Costus stripe mosaic virus	Viridiplantae	Costus spiralis	Potyvirus	ssRNA(+)
NC_055585	Potyviriidae	2608606	Noni mosaic virus	Viridiplantae	Morinda citrifolia	Potyvirus	ssRNA(+)
NC_055600	Potyviriidae	2730579	Paris virus 1	Viridiplantae	Paris polyphylla var. yunnane	Potyvirus	ssRNA(+)
NC_055601	Potyviriidae	588752	Begonia flower breaking virus	Viridiplantae	Begonia bowerae	Potyvirus	ssRNA(+)
OL584351	Potyviriidae	241651	Amaranthus leaf mottle virus	Viridiplantae	Nicotiana clevelandii	Potyvirus	ssRNA(+)
OL584375	Potyviriidae	307997	Tradescantia mild mosaic virus	Viridiplantae	Tradescantia	Potyvirus	ssRNA(+)
OM323987	Potyviriidae	82847	Carnation vein mottle virus	Viridiplantae	Chenopodium quinoa	Potyvirus	ssRNA(+)
ON219793	Potyviriidae	244050	Tuberose mild mottle virus	Viridiplantae	Agave amica	Potyvirus	ssRNA(+)
ON456303	Potyviriidae	390849	Zucchini yellow fleck virus	Viridiplantae	Cucurbita pepo	Potyvirus	ssRNA(+)
X00925	Picornaviridae	12086	Human poliovirus 3	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
X67706	Picornaviridae	12074	Coxsackievirus B5	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
X77708	Picornaviridae	35293	Echovirus E12	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
X84981	Picornaviridae	103915	Echovirus 9 strain Hill	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)

X92886	Picornaviridae	103914	Echovirus 9 strain Barty	Mammalia	Homo sapiens	Enterovirus	ssRNA(+)
NC_012932	Flaviviridae	390845	Aedes flavivirus	Insecta	Aedes albopictus	Flavivirus	ssRNA(+)
NC_007666	Spinareoviridae	341721	Aedes pseudoscutellaris reovirus	Insecta	Aedes pseudoscutellaris	Dinovernavirus	dsRNA
NC_015450	Phenuiviridae	1006583	Aguacate virus	Insecta	Lutzomyia	Phlebovirus	ssRNA(-)
NC_038715	Peribunyaviridae	1552846	Alajuela virus	Insecta	Aedeomyia squamipennis	Orthobunyavirus	ssRNA(-)
NC_020900	Mesoniviridae	1945561	Alphamesonivirus 3	Insecta	Uranotaenia	Alphamesonivirus	ssRNA(+)
NC_020901	Mesoniviridae	1945562	Alphamesonivirus 4	Insecta	Aedes albopictus	Alphamesonivirus	ssRNA(+)
EF011023	Togaviridae	97469	Alphavirus M1	Insecta	Culex	Alphavirus	ssRNA(+)
NC_055199	Peribunyaviridae	1642852	Anadyr virus	Insecta	Aedes sp.	Orthobunyavirus	ssRNA(-)
NC_023483	Iflaviridae	1460071	Antheraea pernyi iflavirus	Insecta	Antheraea pernyi	Iflavirus	ssRNA(+)
NC_036585	Iflaviridae	2018471	Armigeres iflavirus	Insecta	Aedes albopictus	Iflavirus	ssRNA(+)
NC_014609	Totiviridae	556524	Armigeres subalbatus virus SaX06-AF	Insecta	Armigeres subalbatus	unclassified Totiviridae	dsRNA
NC_003900	Togaviridae	44158	Aura virus	Insecta	Aedes	Alphavirus	ssRNA(+)
NC_035674	Totiviridae	2026601	Australian Anopheles totivirus	Insecta	Anopheles hinesorum	unclassified Totiviridae	dsRNA
NC_038257	Phenuiviridae	1980609	Badu phasivirus	Insecta	Aedes albopictus	Phasivirus	ssRNA(-)
NC_043579	Peribunyaviridae	80942	Batai virus	Insecta	Aedes curtipes	Orthobunyavirus	ssRNA(-)
NC_027631	Tymoviridae	1682186	Bee Macula-like virus	Insecta	Apis mellifera	unclassified Tymoviridae	ssRNA(+)
NC_040556	Tymoviridae	2094260	Bee Macula-Like virus 2	Insecta	Andrena haemorrhoa	Maculavirus	ssRNA(+)
NC_038723	Peribunyaviridae	1678224	Bimiti virus	Insecta	Culex spissipes	Orthobunyavirus	ssRNA(-)
NC_043650	Peribunyaviridae	273358	Birao virus	Insecta	Anopheles pharoensis	Orthobunyavirus	ssRNA(-)
NC_055112	Xinmoviridae	1903560	Bolahun virus variant 2	Insecta	Anopheles gambiae	Gambievirus	ssRNA(-)
NC_027713	Iflaviridae	1690666	Bombyx mori iflavirus	Insecta	Bombyx mori	Iflavirus	ssRNA(+)
NC_038331	Tymoviridae	2065033	Bombyx mori latent virus	Insecta	Bombyx mori	unclassified Tymoviridae	ssRNA(+)
NC_015524	Tymoviridae	288456	Bombyx mori Macula-like virus	Insecta	Bombyx mori	Maculavirus	ssRNA(+)
KC807166	Mesoniviridae	1332245	Bontang virus	Insecta	Aedes albopictus	Alphamesonivirus	ssRNA(+)
NC_043653	Peribunyaviridae	273349	Bozo virus	Insecta	Aedes albopictus	Orthobunyavirus	ssRNA(-)
NC_009530	Iflaviridae	436447	Brevicoryne brassicae virus - UK	Insecta	Brevicoryne brassicae	Iflavirus	ssRNA(+)
NC_055387	Phenuiviridae	206377	Buenaventura virus	Insecta	Phlebotominae	Phlebovirus	ssRNA(-)
NC_043597	Peribunyaviridae	159140	Buttonwillow virus	Insecta	Culicoides sp.	Orthobunyavirus	ssRNA(-)
NC_055569	Togaviridae	2499242	Caatinga virus	Insecta	Aedes albopictus	Alphavirus	ssRNA(+)
NC_055324	Phenuiviridae	629730	Cacao virus	Insecta	Nyssomyia trapidoi	Phlebovirus	ssRNA(-)
NC_043618	Peribunyaviridae	80935	Cache Valley virus	Insecta	Culex tarsalis	Orthobunyavirus	ssRNA(-)
NC_055408	Peribunyaviridae	2572766	Caimito virus	Insecta	Nyssomyia ylephiletor	Pacuvirus	ssRNA(-)
NC_055117	Peribunyaviridae	35305	California encephalitis virus	Insecta	Ochlerotatus dorsalis	Orthobunyavirus	ssRNA(-)
NC_029312	Totiviridae	1765754	Camponotus nipponicus virus	Insecta	Colobopsis nipponica	unclassified Totiviridae	dsRNA
NC_027212	Totiviridae	1608533	Camponotus yamaokai virus	Insecta	Camponotus yamaokai	unclassified Totiviridae	dsRNA
NC_023986	Mesoniviridae	1482319	Casuarina virus	Insecta	Coquillettidia xanthogaster	Alphamesonivirus	ssRNA(+)
NC_024074	Peribunyaviridae	1495866	Cat Que virus	Insecta	Culex sp.	Orthobunyavirus	ssRNA(-)
NC_015668	Mesoniviridae	1041929	Cavally virus	Insecta	Anopheles	Alphamesonivirus	ssRNA(+)
NC_001564	Flaviviridae	31658	Cell fusing agent virus	Insecta	Aedes aegypti	Flavivirus	ssRNA(+)
NC_017086	Flaviviridae	631267	Chaoyang virus	Insecta	Aedes albopictus	Flavivirus	ssRNA(+)
NC_040645	Flaviviridae	2304510	Culex Flavi-like virus	Insecta	Anopheles cruzii	unclassified Flaviviridae	ssRNA(+)
NC_008604	Flaviviridae	390844	Culex flavivirus	Insecta	Culex pipiens	Flavivirus	ssRNA(+)
NC_040646	Iflaviridae	2304477	Culex Iflavi-like virus 1	Insecta	Anopheles cruzii	unclassified Iflaviridae	ssRNA(+)
NC_040574	Iflaviridae	2304480	Culex Iflavi-like virus 4	Insecta	Anopheles cruzii	unclassified Iflaviridae	ssRNA(+)
NC_035133	Xinmoviridae	2010272	Culex mononega-like virus 2	Insecta	Culex globocoxitus	Doupovirus	ssRNA(-)
NC_018703	Tymoviridae	1236047	Culex originated Tymoviridae-like virus	Insecta	Culicidae	Maculavirus	ssRNA(+)
NC_040717	Alphatetraviridae	2304512	Culex Tetra-like virus	Insecta	Culicidae	unclassified Alphatetraviridae	ssRNA(+)
NC_040670	Totiviridae	1870981	Culex tritaeniorhynchus totivirus	Insecta	Culex tritaeniorhynchus	unclassified Totiviridae	dsRNA
NC_040575	Tombusviridae	2304516	Culex-associated Tombus-like virus	Insecta	Culicidae	unclassified Tombusvirus	ssRNA(+)

NC_030290	Flaviviridae	1821222	Culiseta flavivirus	Insecta	Culiseta melanura	unclassified Flavivirida	ssRNA(+)
NC_043045	Phenuiviridae	1457166	Cumuto virus	Insecta	Aedes albopictus	Goukovirus	ssRNA(-)
NC_003016	Spinareoviridae	205895	Cypovirus 1	Insecta	Lymantria dispar	Cypovirus	dsRNA
NC_003006	Spinareoviridae	205908	Cypovirus 14	Insecta	Lymantria dispar	Cypovirus	dsRNA
NC_010661	Spinareoviridae	205899	Cypovirus 5	Insecta	Helicoverpa armigera	Cypovirus	dsRNA
NC_038297	Mesoniviridae	1238455	Dak Nong virus	Insecta	Aedes albopictus	Alphamesonivirus	ssRNA(+)
KX509951	Spinareoviridae	1986950	Daphnis nerii cypovirus	Insecta	Cephonodes hylas	Cypovirus	dsRNA
NC_004830	Iflaviridae	198112	Deformed wing virus	Insecta	Apis mellifera	Iflavirus	ssRNA(+)
NC_025838	Spinareoviridae	1577776	Dendrolimus punctatus cypovirus 22	Insecta	Spodoptera exigua	Cypovirus	dsRNA
NC_005898	Alphatetraviridae	272751	Dendrolimus punctatus virus	Insecta	Dendrolimus punctatus	Omegatetravirus	ssRNA(+)
NC_043367	Spinareoviridae	37368	Diadromus pulchellus idnoreovirus 1	Insecta	Diadromus pulchellus	Idnoreovirus	dsRNA
NC_034384	Iflaviridae	1972700	Diamondback moth iflavirus	Insecta	Plutella xylostella	Iflavirus	ssRNA(+)
NC_036586	Mesoniviridae	2060479	Dianke virus	Insecta	Culicidae	Alphamesonivirus	ssRNA(+)
NC_025835	Iflaviridae	1541119	Dinocampus coccinellae paralysis viru	Insecta	Dinocampus coccinellae	Iflavirus	ssRNA(+)
NC_016997	Flaviviridae	985683	Donggang virus	Insecta	Aedes sp.	Flavivirus	ssRNA(+)
NC_013499	Totiviridae	663282	Drosophila melanogaster totivirus SW	Insecta	Drosophila melanogaster	unclassified Totiviridae	dsRNA
NC_043484	Ximoviridae	1802951	Drosophila unispina virus 1	Insecta	Drosophila unispina	Drunivirus	ssRNA(-)
NC_005092	Iflaviridae	240555	Ectropis obliqua picorna-like virus	Insecta	Ectropis obliqua	Iflavirus	ssRNA(+)
NC_018615	Togaviridae	1231903	Eilat virus	Insecta	Anopheles coustani	Alphavirus	ssRNA(+)
NC_043612	Peribunyaviridae	1821545	Enseada virus	Insecta	Aedes albopictus	Orthobunyavirus	ssRNA(-)
NC_003412	Permutotetravirid	186165	Euprosterina elaeasa virus	Insecta	Euprosterina	Alphapermutotetravirus	ssRNA(+)
NC_055184	Peribunyaviridae	159143	Facey's Paddock virus	Insecta	Culicidae	Orthobunyavirus	ssRNA(-)
NC_025485	Spinareoviridae	1567404	Fako virus	Insecta	Aedes albopictus	Dinovernavirus	dsRNA
NC_023022	Iflaviridae	1432857	Formica exsecta virus 2	Insecta	Formica exsecta	Iflavirus	ssRNA(+)
NC_013528	Togaviridae	48544	Fort Morgan virus	Insecta	Oeciacus vicarius	Alphavirus	ssRNA(+)
NC_038729	Peribunyaviridae	35313	Gamboa virus	Insecta	Aedeomyia squamipennis	Orthobunyavirus	ssRNA(-)
NC_043049	Phenuiviridae	603003	Gouleako virus	Insecta	Aedes albopictus	Goukovirus	ssRNA(-)
NC_026733	Iflaviridae	1629132	Graminella nigrifrons virus 1	Insecta	Graminella nigrifrons	unclassified Iflaviridae	ssRNA(+)
NC_022611	Iflaviridae	1410467	Halyomorpha halys virus	Insecta	Halyomorpha halys	unclassified Iflaviridae	ssRNA(+)
NC_030401	Flaviviridae	1125677	Hanko virus	Insecta	Aedes vexans	Flavivirus	ssRNA(+)
NC_024016	Iflaviridae	1487185	Heliconius erato iflavirus	Insecta	Heliconius erato	Iflavirus	ssRNA(+)
NC_033619	Iflaviridae	1936269	Helicoverpa armigera iflavirus	Insecta	Helicoverpa armigera	Iflavirus	ssRNA(+)
NC_001981	Alphatetraviridae	37206	Helicoverpa armigera stunt virus	Insecta	Helicoverpa armigera	Omegatetravirus	ssRNA(+)
NC_012535	Sedoreoviridae	411854	Homalodisca vitripennis reovirus	Insecta	Homalodisca vitripennis	Phytoreovirus	dsRNA
KC807177	Mesoniviridae	1332246	Houston virus	Insecta	Aedes albopictus	Alphamesonivirus	ssRNA(+)
NC_055114	Artoviridae	1923190	Hubei rhabdo-like virus 6	Insecta	Odonata	Peropuvirus	ssRNA(-)
NC_055113	Artoviridae	1923192	Hubei rhabdo-like virus 8	Insecta	Odonata	Peropuvirus	ssRNA(-)
NC_024805	Flaviviridae	1445557	Ilomantsi virus	Insecta	Anopheles sp.	unclassified Flavivirida	ssRNA(+)
NC_028482	Chuviridae	1758883	Imjin River virus 1	Insecta	Culex bitaeniorhynchus	Culicidavirus	ssRNA(-)
NC_023486	Spinareoviridae	1382295	Inachis io cypovirus 2	Insecta	Nymphalis io	Cypovirus	dsRNA
NC_003781	Iflaviridae	12742	Infectious flacherie virus	Insecta	Bombyx mori	Iflavirus	ssRNA(+)
NC_043558	Peribunyaviridae	35511	Jamestown Canyon virus	Insecta	Culiseta inornata	Orthobunyavirus	ssRNA(-)
NC_004199	Sedoreoviridae	104580	Kadipiro virus	Insecta	Anopheles sinensis	Seadornavirus	dsRNA
NC_043488	Mesoniviridae	1795438	Kadiweu virus	Insecta	Culex sp.	Alphamesonivirus	ssRNA(+)
NC_005064	Flaviviridae	218849	Kamiti River virus	Insecta	Aedes	Flavivirus	ssRNA(+)
KC807173	Mesoniviridae	1332247	Kamphang Phet virus	Insecta	Culicidae	Alphamesonivirus	ssRNA(+)
NC_040788	Flaviviridae	2045186	Kampung Karu virus	Insecta	Anopheles tessellatus	Flavivirus	ssRNA(+)
NC_038296	Mesoniviridae	1332248	Karang Sari virus	Insecta	Culex vishnui	Alphamesonivirus	ssRNA(+)
NC_055417	Phenuiviridae	415382	Karimabad virus	Insecta	Phlebotomus papatasi	Phlebovirus	ssRNA(-)
NC_035118	Flaviviridae	1969397	Karumba virus	Insecta	Anopheles meraukensis	unclassified Flavivirida	ssRNA(+)

NC_012533	Flaviviridae	64311	Kedougou virus	Insecta	Culicidae	Flavivirus	ssRNA(+)
NC_034458	Peribunyaviridae	1406344	Kibale virus	Insecta	Aedes albopictus	Herbevirus	ssRNA(-)
NC_038741	Peribunyaviridae	35314	Koongol virus	Insecta	Culex annulirostris	Orthobunyavirus	ssRNA(-)
KF981618	Togaviridae	48542	Kyzylgach virus	Insecta	Culex modestus	Alphavirus	ssRNA(+)
NC_055396	Phenuiviridae	2559110	La Gloria virus	Insecta	Psychodopygus panamensis	Phlebovirus	ssRNA(-)
NC_027128	Iflaviridae	1654357	La Jolla virus	Insecta	Drosophila melanogaster	unclassified Iflaviridae	ssRNA(+)
NC_032433	Sinhaliviridae	1547219	Lake Sinai virus	Insecta	Bombus lapidarius	Sinivirus	ssRNA(+)
NC_035466	Sinhaliviridae	1041806	Lake Sinai virus 1	Insecta	Apis mellifera	Sinivirus	ssRNA(+)
NC_035467	Sinhaliviridae	1041831	Lake Sinai virus 2	Insecta	Apis mellifera	Sinivirus	ssRNA(+)
NC_035113	Sinhaliviridae	1983561	Lake Sinai Virus NE	Insecta	Apis mellifera	Sinivirus	ssRNA(+)
NC_035111	Sinhaliviridae	1983562	Lake Sinai Virus SA1	Insecta	Apis mellifera	Sinivirus	ssRNA(+)
NC_035112	Sinhaliviridae	1983563	Lake Sinai Virus SA2	Insecta	Apis mellifera	Sinivirus	ssRNA(+)
NC_035116	Sinhaliviridae	1983564	Lake Sinai Virus TO	Insecta	Apis mellifera	Sinivirus	ssRNA(+)
NC_024806	Flaviviridae	649187	Lammi virus	Insecta	Anopheles cruzii	unclassified Flavivirida	ssRNA(+)
NC_023627	Iflaviridae	1464786	Laodelphax striatella honeydew virus	Insecta	Laodelphax striatellus	unclassified Iflaviridae	ssRNA(+)
NC_025788	Iflaviridae	1566869	Laodelphax striatellus picorna-like vir	Insecta	Laodelphax striatellus	unclassified Iflaviridae	ssRNA(+)
NC_035450	Polycipiviridae	2018501	Lasius neglectus virus 1	Insecta	Lasius neglectus	Sopolycivirus	ssRNA(+)
NC_035456	Polycipiviridae	2018503	Lasius niger virus 1	Insecta	Lasius niger	Sopolycivirus	ssRNA(+)
NC_025218	Totiviridae	1353795	Leptopilina boulardi Toti-like virus	Insecta	Leptopilina boulardi	unclassified Totiviridae	dsRNA
NC_038718	Peribunyaviridae	1678227	Lukuni virus	Insecta	Ochlerotatus scapularis	Orthobunyavirus	ssRNA(-)
NC_043630	Peribunyaviridae	80940	Lumbo virus	Insecta	Aedes pemaensis	Orthobunyavirus	ssRNA(-)
NC_038301	Iflaviridae	1072333	Lygus lineolaris virus 1	Insecta	Lygus lineolaris	Iflavirus	ssRNA(+)
AF389462	Spinareoviridae	165803	Lymantria dispar cypovirus 1	Insecta	Lymantria dispar	Cypovirus	dsRNA
AF389452	Spinareoviridae	165429	Lymantria dispar cypovirus 14	Insecta	Lymantria dispar	Cypovirus	dsRNA
NC_024497	Iflaviridae	1521188	Lymantria dispar iflavirus 1	Insecta	Lymantria dispar	Iflavirus	ssRNA(+)
NC_035187	Flaviviridae	1969400	Mac Peak virus	Insecta	Anopheles farauti	unclassified Flavivirida	ssRNA(+)
NC_028137	Flaviviridae	1685953	Macrosiphum euphorbiae virus 1	Insecta	Macrosiphum euphorbiae	unclassified Flavivirida	ssRNA(+)
NC_029911	Spinareoviridae	2170064	Mahlapitsi orthoreovirus	Insecta	Eucampsipoda africana	Orthoreovirus	dsRNA
NC_055414	Phenuiviridae	391640	Massilia virus	Insecta	Phlebotomus perniciosus	Phlebovirus	ssRNA(-)
NC_034204	Flaviviridae	1963247	Menghai flavivirus	Insecta	Aedes albopictus	unclassified Flavivirida	ssRNA(+)
NC_027819	Flaviviridae	1708574	Mercadeo virus	Insecta	Culex sp.	Flavivirus	ssRNA(+)
NC_031338	Iflaviridae	1906245	Moku virus	Insecta	Apis mellifera	Iflavirus	ssRNA(+)
NC_055399	Phenuiviridae	2559111	Mona Grita virus	Insecta	Nyssomyia trapioidi	Phlebovirus	ssRNA(-)
NC_021069	Flaviviridae	673515	Mosquito flavivirus	Insecta	Culex tritaeniorhynchus	Flavivirus	ssRNA(+)
NC_043477	Phenuiviridae	1892236	Mothra virus	Insecta	Cydia pomonella	Mobuvirus	ssRNA(-)
NC_022595	Peribunyaviridae	1406134	Murrumbidgee virus	Insecta	Anopheles annulipes	Orthobunyavirus	ssRNA(-)
NC_035457	Polycipiviridae	2018502	Myrmica scabrinodis virus 1	Insecta	Formicidae	Sopolycivirus	ssRNA(+)
NC_030400	Flaviviridae	667516	Nakiwogo virus	Insecta	Mansonia africana	unclassified Flavivirida	ssRNA(+)
NC_015874	Mesoniviridae	325676	Nam Dinh virus	Insecta	Culicidae	Alphamesonivirus	ssRNA(+)
NC_040610	Flaviviridae	1254420	Nanay virus	Insecta	Aedes albopictus	Flavivirus	ssRNA(+)
NC_016959	Togaviridae	59302	Ndumu virus	Insecta	Aedes	Alphavirus	ssRNA(+)
NC_040675	Iflaviridae	2099521	Nesidiocoris tenuis iflavirus 1	Insecta	Nesidiocoris tenuis	unclassified Iflaviridae	ssRNA(+)
NC_032088	Flaviviridae	499854	New Mapoon virus	Insecta	Culicidae	Flavivirus	ssRNA(+)
NC_024017	Flaviviridae	1485186	Nhumirim virus	Insecta	Culex chidestri	unclassified Flavivirida	ssRNA(+)
NC_024299	Flaviviridae	1286143	Nienokoue virus	Insecta	Culex	unclassified Flavivirida	ssRNA(+)
NC_038302	Iflaviridae	1267585	Nilaparvata lugens honeydew virus 1	Insecta	Nilaparvata lugens	Iflavirus	ssRNA(+)
NC_021566	Iflaviridae	1345661	Nilaparvata lugens honeydew virus-2	Insecta	Nilaparvata lugens	unclassified Iflaviridae	ssRNA(+)
NC_021567	Iflaviridae	1345662	Nilaparvata lugens honeydew virus-3	Insecta	Nilaparvata lugens	unclassified Iflaviridae	ssRNA(+)
NC_003652	Spinareoviridae	33724	Nilaparvata lugens reovirus	Insecta	Nilaparvata lugens	Fijivirus	dsRNA
NC_055312	Phenuiviridae	629739	Nique virus	Insecta	Psychodopygus panamensis	Phlebovirus	ssRNA(-)

NC_033715	Flaviviridae	486494	Nounane virus	Insecta	Uranotaenia	Flavivirus	ssRNA(+)
NC_001990	Alphatetraviridae	85652	Nudaurelia capensis beta virus	Insecta	Lepidoptera	Betatetravirus	ssRNA(+)
NC_034481	Peribunyaviridae	35316	Nyando virus	Insecta	Anopheles funestus	Orthobunyavirus	ssRNA(-)
NC_030651	Solinviviridae	1871153	Nylanderia fulva virus 1	Insecta	Nylanderia fulva	Nyfulvavirus	ssRNA(+)
NC_034242	Flaviviridae	1244565	Ochlerotatus caspius flavivirus	Insecta	Ochlerotatus caspius	Flavivirus	ssRNA(+)
NC_055357	Phenuiviridae	1048855	Odrenisrou virus	Insecta	Culex	Phlebovirus	ssRNA(-)
NC_027917	Iflaviridae	1675864	Opsiphanes invirae iflavirus 1	Insecta	Opsiphanes invirae	unclassified Iflaviridae	ssRNA(+)
NC_033782	Sedoreoviridae	1955493	Orbivirus SX-2017a	Insecta	Culex tritaeniorhynchus	Orbivirus	dsRNA
NC_043485	Nyamiviridae	1871345	Orinoco virus	Insecta	Pasiphila rectangulata	Orinovirus	ssRNA(-)
NC_055303	Phenuiviridae	655691	Oriximina virus	Insecta	Lutzomyia	Phlebovirus	ssRNA(-)
NC_033694	Flaviviridae	1302179	Palm Creek virus	Insecta	Coquillettidia xanthogaster	Flavivirus	ssRNA(+)
NC_027999	Flaviviridae	1566298	Paraiso Escondido virus	Insecta	Psathyromyia abbonenci	Flavivirus	ssRNA(+)
NC_027817	Flaviviridae	1708654	Parramatta River virus	Insecta	Ochlerotatus vigilax	Flavivirus	ssRNA(+)
NC_043689	Peribunyaviridae	35318	Patois virus	Insecta	Culex sp.	Orthobunyavirus	ssRNA(-)
NC_003113	Iflaviridae	170621	Perina nuda virus	Insecta	Perina nuda	Iflavirus	ssRNA(+)
NC_038261	Phenuiviridae	1980610	Phasi Charoen-like phasivirus	Insecta	Aedes aegypti	Phasivirus	ssRNA(-)
NC_043480	Phenuiviridae	1911436	Pidgey virus	Insecta	Choristoneura rosaceana	Pidchovirus	ssRNA(-)
NC_043645	Peribunyaviridae	273360	Potosi virus	Insecta	Aedes albopictus	Orthobunyavirus	ssRNA(-)
NC_014126	Carmotetraviridae	213633	Providence virus	Insecta	Helicoverpa zea	Alphacarmotetravirus	ssRNA(+)
NC_040724	Iflaviridae	2358449	Psammotettix alienus iflavirus 1	Insecta	Psammotettix alienus	Iflavirus	ssRNA(+)
NC_038269	Artoviridae	1926633	Pteromalus puparum negative-strand F	Insecta	Pteromalus puparum	Peropuvirus	ssRNA(-)
NC_012671	Flaviviridae	643132	Quang Binh virus	Insecta	Culicidae	Flavivirus	ssRNA(+)
NC_040844	Mitoviridae	2320183	Rhizophagus diaphanum mitovirus 1	Insecta	Rhizophagus	Mitovirus	ssRNA(+)
NC_040726	Mitoviridae	2320184	Rhizophagus diaphanum mitovirus 2	Insecta	Rhizophagus	Mitovirus	ssRNA(+)
NC_043603	Peribunyaviridae	1538455	Rio Preto da Eva virus	Insecta	Psychodidae sp.	Pacuvirus	ssRNA(-)
NC_002066	Iflaviridae	89463	Sacbrood virus	Insecta	Apis mellifera	Iflavirus	ssRNA(+)
HM237361	Iflaviridae	886669	Sacbrood virus CSBV-LN/China/2005	Insecta	Apis mellifera	Iflavirus	ssRNA(+)
NC_055294	Phenuiviridae	904699	Salehabad virus	Insecta	Phlebotomus sp.	Phlebovirus	ssRNA(-)
NC_043636	Peribunyaviridae	45767	San Angelo virus	Insecta	Aedes albopictus	Orthobunyavirus	ssRNA(-)
NC_040540	Alphatetraviridae	2109380	Sarawak virus	Insecta	Aedes albopictus	unclassified Alphatetra	ssRNA(+)
NC_008719	Flaviviridae	44026	Sepik virus	Insecta	Culicidae	Flavivirus	ssRNA(+)
NC_043639	Peribunyaviridae	45768	Serra do Navio virus	Insecta	Ochlerotatus fulvus	Orthobunyavirus	ssRNA(-)
NC_055224	Chrysoviridae	1923465	Shuangao chryso-like virus 1	Insecta	Culex quinquefasciatus	Alphachrysovirus	dsRNA
NC_055111	Xinmoviridae	1608074	Shuangao Fly Virus 2	Insecta	Psychoda alternata	Anphevirus	ssRNA(-)
NC_014137	Iflaviridae	458132	Slow bee paralysis virus	Insecta	Apis mellifera	Iflavirus	ssRNA(+)
NC_040633	Totiviridae	2082585	Sogatella furcifera totivirus 1	Insecta	Sogatella furcifera	unclassified Totiviridae	dsRNA
NC_040704	Totiviridae	2082586	Sogatella furcifera totivirus 2	Insecta	Sogatella furcifera	unclassified Totiviridae	dsRNA
NC_039236	Polycipiviridae	439491	Solenopsis invicta virus 2	Insecta	Solenopsis invicta	Sopolycivirus	ssRNA(+)
NC_012531	Solinviviridae	631345	Solenopsis invicta virus 3	Insecta	Solenopsis invicta	Invictavirus	ssRNA(+)
NC_035455	Polycipiviridae	2018500	Solenopsis invicta virus 4	Insecta	Solenopsis invicta	Sopolycivirus	ssRNA(+)
NC_043570	Peribunyaviridae	273354	Sororoca virus	Insecta	Sabethini	Orthobunyavirus	ssRNA(-)
NC_016405	Iflaviridae	1111710	Spodoptera exigua iflavirus 1	Insecta	Spodoptera exigua	Iflavirus	ssRNA(+)
NC_023676	Iflaviridae	1228012	Spodoptera exigua iflavirus 2	Insecta	Spodoptera exigua	Iflavirus	ssRNA(+)
NC_029055	Flaviviridae	64318	Spondweni virus	Insecta	Aedes circumluteolus	Flavivirus	ssRNA(+)
NC_034151	Flaviviridae	577122	T'Ho virus	Insecta	Culex quinquefasciatus	Flavivirus	ssRNA(+)
NC_032681	Togaviridae	1930825	Tai Forest alphavirus	Insecta	Culex decens	Alphavirus	ssRNA(+)
NC_034457	Peribunyaviridae	1406343	Tai virus	Insecta	Culicidae sp.	Herbevirus	ssRNA(-)
NC_033838	Phenuiviridae	1926501	Tapara virus	Insecta	Phlebotominae sp.	Phlebovirus	ssRNA(-)
NC_055384	Phenuiviridae	206161	Tehran virus	Insecta	Phlebotomus papatasi	Phlebovirus	ssRNA(-)
NC_026250	Iflaviridae	1591444	Thaumetopoea pityocampa iflavirus 1	Insecta	Thaumetopoea pityocampa	unclassified Iflaviridae	ssRNA(+)

NC_043231	Permutotetravirid	83810	Thosea asigna virus	Insecta	Setothosea asigna	Alphapermutotetravirus ssRNA(+)
NC_020804	Rhabdoviridae	318844	Tibrogargan virus	Insecta	Culicoides brevitarsis	Tibrovirus ssRNA(-)
NC_029903	Phenuiviridae	1764085	Toros virus	Insecta	Phlebotomus tobbi	Phlebovirus ssRNA(-)
KM225265	Flaviviridae	1534468	Torres virus	Insecta	Culicidae	Flavivirus ssRNA(+)
NC_055402	Phenuiviridae	2559114	Tres Almendras virus	Insecta	Psychodopygus panamensis	Phlebovirus ssRNA(-)
NC_038512	Metaviridae	2083181	Trichoplusia ni TED virus	Insecta	Trichoplusia ni	Errantivirus ssRNA(+)
NC_055193	Peribunyaviridae	35516	Trivittatus virus	Insecta	Ochlerotatus trivittatus	Orthobunyavirus ssRNA(-)
NC_055315	Phenuiviridae	629737	Turuna virus	Insecta	Lutzomyia	Phlebovirus ssRNA(-)
NC_043035	Peribunyaviridae	552554	Umbre virus	Insecta	Culex bitaeniorhynchus	Orthobunyavirus ssRNA(-)
NC_033840	Phenuiviridae	1055750	Uriurana virus	Insecta	Phlebotominae sp.	Phlebovirus ssRNA(-)
NC_022553	Sedoreoviridae	40061	Wallal virus	Insecta	Anopheles annulipes	Orbivirus dsRNA
NC_043673	Peribunyaviridae	1678231	Witwatersrand virus	Insecta	Culex rubinotus	Orthobunyavirus ssRNA(-)
NC_031313	Phenuiviridae	1608139	Wuhan horsefly Virus	Insecta	Tabanidae	Horwuvirus ssRNA(-)
NC_033473	Hypoviridae	1923718	Wuhan insect virus 14	Insecta	Siphonaptera	Alphahypovirus ssRNA(+)
NC_039186	Peribunyaviridae	273350	Wyeomyia orthobunyavirus	Insecta	Wyeomyia melanocephala	Orthobunyavirus ssRNA(-)
NC_031244	Xinmoviridae	1608141	Xincheng Mosquito Virus	Insecta	Anopheles sinensis	Anphevirus ssRNA(-)
NC_043490	Tobamoviridae	1923774	Xinzhou nematode virus 6	Insecta	Nematodes	Sectovirus ssRNA(+)
NC_034017	Flaviviridae	1821227	Xishuangbanna aedes flavivirus	Insecta	Aedes albopictus	unclassified Flavivirida ssRNA(+)
NC_034018	Flaviviridae	64319	Yaounde virus	Insecta	Culex nebulosus	Flavivirus ssRNA(+)
NC_040587	Iflaviridae	2315809	Yongsan iflavirus 1	Insecta	Culex pipiens	unclassified Iflaviridae ssRNA(+)
NC_040725	Tombusviridae	2315813	Yongsan tombus-like virus 1	Insecta	Aedes albopictus	unclassified Tombusvir ssRNA(+)
NC_029647	Caliciviridae	262897	Norovirus GIV	Mammalia	Homo sapiens	Norovirus ssRNA(+)
NC_039477	Caliciviridae	122929	Norovirus GII	Mammalia	Homo sapiens	Norovirus ssRNA(+)
NC_001959	Caliciviridae	122928	Norovirus GI	Mammalia	Homo sapiens	Norovirus ssRNA(+)
AB042808	Caliciviridae	99565	Chiba virus	Mammalia	Homo sapiens	Norovirus ssRNA(+)
AB187514	Caliciviridae	290280	Norovirus Hu/GI/Otofuke/1979/JP	Mammalia	Homo sapiens	Norovirus ssRNA(+)
AB220921	Caliciviridae	336619	Norovirus Hu/Chiba/04-1050/2005/JP	Mammalia	Homo sapiens	Norovirus ssRNA(+)
AB365435	Caliciviridae	479952	Norovirus Hu/Texas/TCH04-577/2004	Mammalia	Homo sapiens	Norovirus ssRNA(+)
AB447427	Caliciviridae	546951	Norovirus Hu/GII-4/Hokkaido1/2006/	Mammalia	Homo sapiens	Norovirus ssRNA(+)
AB614356	Caliciviridae	985691	Sapovirus Hu/GI.2/BR-DF01/BRA/20	Mammalia	Homo sapiens	Sapovirus ssRNA(+)
AF091736	Caliciviridae	82664	VESV-like calicivirus	Mammalia	Ateles fusciceps	Vesivirus ssRNA(+)
AF093797	Caliciviridae	11983	Norwalk virus	Mammalia	Homo sapiens	Norovirus ssRNA(+)
AF145896	Caliciviridae	94433	Camberwell virus	Mammalia	Homo sapiens	Norovirus ssRNA(+)
AY134748	Caliciviridae	52276	Snow Mountain virus	Mammalia	Homo sapiens	Norovirus ssRNA(+)
AY772730	Caliciviridae	150137	Norovirus Hu/NLV/GII/Neustrelitz26	Mammalia	Homo sapiens	Norovirus ssRNA(+)
DQ058829	Caliciviridae	334584	Sapovirus Ehime1107/2002/JP	Mammalia	Homo sapiens	Sapovirus ssRNA(+)
DQ456824	Caliciviridae	379081	Norovirus Hu/MK04/2004/JP	Mammalia	Homo sapiens	Norovirus ssRNA(+)
DQ911368	Caliciviridae	357231	Murine norovirus	Mammalia	Mus musculus	Norovirus ssRNA(+)
EF014462	Caliciviridae	223997	Murine norovirus 1	Mammalia	Mus musculus	Norovirus ssRNA(+)
EU004663	Caliciviridae	463709	Murine norovirus GV/WU11/2005/US	Mammalia	Mus	Norovirus ssRNA(+)
EU004673	Caliciviridae	463719	Murine norovirus GV/CR3/2005/USA	Mammalia	Mus	Norovirus ssRNA(+)
EU004674	Caliciviridae	463720	Murine norovirus GV/CR4/2005/USA	Mammalia	Mus	Norovirus ssRNA(+)
EU004676	Caliciviridae	463722	Murine norovirus GV/CR6/2005/USA	Mammalia	Mus	Norovirus ssRNA(+)
EU004677	Caliciviridae	463723	Murine norovirus GV/CR7/2005/USA	Mammalia	Mus	Norovirus ssRNA(+)
EU004678	Caliciviridae	463724	Murine norovirus GV/CR10/2005/US	Mammalia	Mus	Norovirus ssRNA(+)
EU004681	Caliciviridae	463727	Murine norovirus GV/CR15/2005/US	Mammalia	Mus	Norovirus ssRNA(+)
EU854589	Caliciviridae	549341	Norovirus mouse/Hannover1/2007/DE	Mammalia	Mus musculus	Norovirus ssRNA(+)
FJ355929	Caliciviridae	520975	Calicivirus pig/F15-10/CAN	Mammalia	Sus scrofa	unclassified Calicivirid ssRNA(+)
FJ387164	Caliciviridae	638664	Sapovirus pig/sav1/2008/CHN	Mammalia	Sus scrofa	Sapovirus ssRNA(+)
FJ515294	Caliciviridae	658397	Norovirus Hu/GI.2/Leuven/2003/BEL	Mammalia	Homo sapiens	Norovirus ssRNA(+)

FJ537135	Caliciviridae	660656	Norovirus Hu/GII.4/CHDC2094/1974	Mammalia	Homo sapiens	Norovirus	ssRNA(+)
FJ537138	Caliciviridae	660659	Norovirus Hu/GII.4/CHDC4871/1977	Mammalia	Homo sapiens	Norovirus	ssRNA(+)
GQ475301	Caliciviridae	673764	Calicivirus isolate Allston 2009/US	Mammalia	Cricetulus griseus	Vesivirus	ssRNA(+)
GU594162	Caliciviridae	748172	Norovirus Hu/GII.14/8610/Saga/2008	Mammalia	Homo sapiens	Norovirus	ssRNA(+)
GU980585	Caliciviridae	863240	Norovirus Hu/GII.3/CBNU1/2006/KC	Mammalia	Homo sapiens	Norovirus	ssRNA(+)
HF952122	Caliciviridae	1331835	Norovirus Hu/GII.4/C00007880/2011	Mammalia	Homo sapiens	Norovirus	ssRNA(+)
HM002617	Caliciviridae	758863	Sapovirus Hu/GI/Sapporo/MT-2010/1	Mammalia	Homo sapiens	Sapovirus	ssRNA(+)
HQ392821	Caliciviridae	1088689	Norovirus pig/GII/Ch6/China/2009	Mammalia	Sus scrofa	Norovirus	ssRNA(+)
HQ449728	Caliciviridae	934293	Norovirus Hu/GII.12/HS210/2010/US	Mammalia	Homo sapiens	Norovirus	ssRNA(+)
JF320644	Caliciviridae	1028321	Murine norovirus GV/NIH-2409/2005	Mammalia	Mus	Norovirus	ssRNA(+)
JF320653	Caliciviridae	1028330	Murine norovirus GV/NIH-D220/200	Mammalia	Mus	Norovirus	ssRNA(+)
JF781268	Caliciviridae	1160949	Norovirus cat/GIV.2/CU081210E/US	Mammalia	Felis catus	Norovirus	ssRNA(+)
JQ388274	Caliciviridae	1173217	Norovirus Hu/GI.6/Kingston/ACT160	Mammalia	Homo sapiens	Norovirus	ssRNA(+)
JQ911594	Caliciviridae	1175308	Norovirus Hu/GI/10360/2010/VNM	Mammalia	Homo sapiens	Norovirus	ssRNA(+)
JX018212	Caliciviridae	1212483	Nebovirus Bo/M3641/2011/HUN	Mammalia	Bos taurus	Nebovirus	ssRNA(+)
JX459907	Caliciviridae	1241974	Norovirus Hu/GII.4/Woonona/NSW3	Mammalia	Homo sapiens	Norovirus	ssRNA(+)
JX846924	Caliciviridae	1260941	Norovirus Hu/GII.3/HK71/1978/CHN	Mammalia	Homo sapiens	Norovirus	ssRNA(+)
JX846927	Caliciviridae	1260944	Norovirus Hu/GII.6/CHDC4073/1984	Mammalia	Homo sapiens	Norovirus	ssRNA(+)
JX989075	Caliciviridae	1282430	Norovirus Hu/GII.6/GZ2010-L96/Guz	Mammalia	Homo sapiens	Norovirus	ssRNA(+)
KC792553	Caliciviridae	351048	Murine norovirus 3	Mammalia	Mus	Norovirus	ssRNA(+)
KF204570	Caliciviridae	1401324	Sapovirus pig/Gansu/CH430/2012/CH	Mammalia	Sus scrofa	Sapovirus	ssRNA(+)
KF429760	Caliciviridae	1383609	Norovirus Hu/GII.4/NIHIC28.4/2012/	Mammalia	Homo sapiens	Norovirus	ssRNA(+)
KJ196276	Caliciviridae	1529915	Norovirus GII/Hu/JP/2002/GII.P12_G	Mammalia	Homo sapiens	Norovirus	ssRNA(+)
KJ196277	Caliciviridae	1529914	Norovirus GII/Hu/JP/2001/GII.P22_G	Mammalia	Homo sapiens	Norovirus	ssRNA(+)
KJ196282	Caliciviridae	1529912	Norovirus GII/Hu/JP/2001/GII.P12_G	Mammalia	Homo sapiens	Norovirus	ssRNA(+)
KJ196284	Caliciviridae	1529919	Norovirus GII/Hu/JP/2007/GII.P21_G	Mammalia	Homo sapiens	Norovirus	ssRNA(+)
KJ196286	Caliciviridae	1529916	Norovirus GII/Hu/JP/2002/GII.P16_G	Mammalia	Homo sapiens	Norovirus	ssRNA(+)
KJ196288	Caliciviridae	1529917	Norovirus GII/Hu/JP/2002/GII.P5_GI	Mammalia	Homo sapiens	Norovirus	ssRNA(+)
KJ196290	Caliciviridae	2779846	Sapporo-HK299 virus	Mammalia	Homo sapiens	Norovirus	ssRNA(+)
KJ196295	Caliciviridae	1529923	Norovirus GII/Hu/JP/2010/GII.P7_GI	Mammalia	Homo sapiens	Norovirus	ssRNA(+)
KJ196298	Caliciviridae	1529910	Norovirus GI/Hu/JP/2007/GI.P8_GI.8	Mammalia	Homo sapiens	Norovirus	ssRNA(+)
KJ407072	Caliciviridae	1458705	Norovirus Hu/GII.6/HS245/2010/US ^a	Mammalia	Homo sapiens	Norovirus	ssRNA(+)
KJ407074	Caliciviridae	1458701	Norovirus Hu/GII.2/HS255/2011/US ^a	Mammalia	Homo sapiens	Norovirus	ssRNA(+)
KJ508818	Caliciviridae	1471436	Sapovirus pig/GVI/OH-JJ674/2000/U	Mammalia	Sus scrofa	Sapovirus	ssRNA(+)
NC_000940	Caliciviridae	2849715	Cowden I virus	Mammalia	Sus scrofa	Sapovirus	ssRNA(+)
NC_001481	Caliciviridae	11978	Feline calicivirus	Mammalia	Felis catus	Vesivirus	ssRNA(+)
NC_001543	Caliciviridae	11976	Rabbit hemorrhagic disease virus	Mammalia	Oryctolagus cuniculus	Lagovirus	ssRNA(+)
NC_002551	Caliciviridae	35612	Vesicular exanthema of swine virus	Mammalia	Otariidae	Vesivirus	ssRNA(+)
NC_002615	Caliciviridae	33756	European brown hare syndrome virus	Mammalia	Lepus europaeus	Lagovirus	ssRNA(+)
NC_004064	Caliciviridae	2847999	Nebraska virus	Mammalia	Bos taurus	Nebovirus	ssRNA(+)
NC_004541	Caliciviridae	146073	Walrus calicivirus	Mammalia	Odobenus rosmarus	Vesivirus	ssRNA(+)
NC_004542	Caliciviridae	1176484	Canine vesivirus	Mammalia	Canis lupus familiaris	Vesivirus	ssRNA(+)
NC_006269	Caliciviridae	291175	Sapovirus Hu/Dresden/pJG-Sap01/DE	Mammalia	Homo sapiens	Sapovirus	ssRNA(+)
NC_006554	Caliciviridae	290314	Sapovirus C12	Mammalia	Homo sapiens	Sapovirus	ssRNA(+)
NC_006875	Caliciviridae	243550	Calicivirus isolate TCG	Mammalia	Bos taurus	unclassified Calicivirid	ssRNA(+)
NC_007916	Caliciviridae	331642	Newbury agent 1	Mammalia	Bos taurus	Nebovirus	ssRNA(+)
NC_008580	Caliciviridae	303317	Rabbit vesivirus	Mammalia	Oryctolagus cuniculus	Vesivirus	ssRNA(+)
NC_010624	Caliciviridae	234601	Sapovirus Mc10	Mammalia	Homo sapiens	Sapovirus	ssRNA(+)
NC_011050	Caliciviridae	436911	Steller sea lion vesivirus	Mammalia	Canis lupus familiaris	Vesivirus	ssRNA(+)
NC_011704	Caliciviridae	576948	Rabbit calicivirus Australia 1 MIC-07	Mammalia	Oryctolagus cuniculus	Lagovirus	ssRNA(+)

NC_017936	Caliciviridae	1185359 Bat sapovirus TLC58/HK	Mammalia	Hipposideros pomona	Sapovirus	ssRNA(+)
NC_019712	Caliciviridae	154122 Mink calicivirus	Mammalia	Mustela lutreola	Vesivirus	ssRNA(+)
NC_025676	Caliciviridae	1564182 San Miguel sea lion virus 8	Mammalia	Chlorocebus aethiops	Vesivirus	ssRNA(+)
NC_027026	Caliciviridae	1280920 Sapovirus Hu/Nagoya/NGY-1/2012/Jl	Mammalia	Homo sapiens	Sapovirus	ssRNA(+)
NC_027122	Caliciviridae	1615583 Vesivirus ferret badger/JX12/China/2011	Mammalia	Mustela putorius furo	Vesivirus	ssRNA(+)
NC_029645	Caliciviridae	340017 Norovirus GIII	Mammalia	Bos taurus	Norovirus	ssRNA(+)
NC_030793	Caliciviridae	1812179 Bovine calicivirus strain Kirklareli	Mammalia	Bos taurus	Nebovirus	ssRNA(+)
NC_031324	Caliciviridae	1903318 Primate norovirus	Mammalia	Primates	Norovirus	ssRNA(+)
NC_034444	Caliciviridae	1960046 Hom-1 vesivirus	Mammalia	Chlorocebus aethiops	Vesivirus	ssRNA(+)
NC_039475	Caliciviridae	552592 Norovirus GII.17	Mammalia	Homo sapiens	Norovirus	ssRNA(+)
NC_039897	Caliciviridae	1529909 Norovirus GI/Hu/JP/2007/GI.P3_GI.3	Mammalia	Homo sapiens	Norovirus	ssRNA(+)
NC_040674	Caliciviridae	2161807 Marmot norovirus	Mammalia	Marmota himalayana	Norovirus	ssRNA(+)
NC_043512	Caliciviridae	512169 Tulane virus	Mammalia	Chlorocebus aethiops	Recovirus	ssRNA(+)
NC_044046	Caliciviridae	1529924 Norovirus GII/Hu/JP/2011/GII/Yuzaw	Mammalia	Homo sapiens	Norovirus	ssRNA(+)
NC_044047	Caliciviridae	673457 Norovirus dog/GVI.1/HKU_Ca026F/2006	Mammalia	Canis lupus familiaris	Norovirus	ssRNA(+)