

### List of sequences used to survey codon usage bias in plant viruses (Adams & Antoniw)

Acc No	Virus	Comment	Genus	RefSeq
L00163	Alfalfa mosaic virus	RNA1, strain 425 Leiden	Alfamovirus	NC_001495
K02702	Alfalfa mosaic virus	RNA2, strain 425 Leiden	Alfamovirus	NC_002024
K02703	Alfalfa mosaic virus	RNA3, strain 425 Madison	Alfamovirus	NC_002025
AB010300	Garlic virus A	Complete sequence	Allexivirus	NC_003375
AB010302	Garlic virus C	Complete sequence	Allexivirus	NC_003376
AJ292230	Garlic virus E	Complete sequence, Chinese Yuhang isolate	Allexivirus	NC_004012
U89243	Garlic virus X	Complete sequence, Korea	Allexivirus	NC_001800
M97264	Shallot virus X	Complete sequence	Allexivirus	NC_003795
AJ243370	Pothos latent virus	Complete sequence, pigeonpea strain	Aureusvirus	NC_000939
X83964	Oat chlorotic stunt virus	Complete sequence	Avenavirus	NC_003633
S56276	Banana bunchy top virus	DNA1, Australia	Babuvirus	NC_003479
L41576	Banana bunchy top virus	DNA2, Australia	Babuvirus	NC_003475
L41574	Banana bunchy top virus	DNA3, Australia	Babuvirus	NC_003473
L41575	Banana bunchy top virus	DNA4, Australia	Babuvirus	NC_003474
L41578	Banana bunchy top virus	DNA5, Australia	Babuvirus	NC_003477
L41577	Banana bunchy top virus	DNA6, Australia	Babuvirus	NC_003476
AJ002234	Banana streak virus	Complete sequence	Badnavirus	NC_003381
L14546	Cacao swollen shoot virus	Complete sequence	Badnavirus	NC_001574
AF347695	Citrus yellow mosaic virus	Complete sequence, infectious clone	Badnavirus	NC_003382
X52938	Commelina yellow mottle virus	Complete sequence	Badnavirus	NC_001343
AJ277091	Sugarcane bacilliform virus	Complete sequence, Australian Ireng Maleng isolate	Badnavirus	NC_003031
X15983	Abutilon mosaic virus	DNA-A	Begomovirus	NC_001928
X15984	Abutilon mosaic virus	DNA-B	Begomovirus	NC_001929
J02057	African cassava mosaic virus	DNA-A, West Kenyan isolate 844	Begomovirus	NC_001467
J02058	African cassava mosaic virus	DNA-B, West Kenyan isolate 844	Begomovirus	NC_001468
AJ437618	Ageratum enation virus	Complete sequence, Nepal	Begomovirus	NC_003434
AJ495813	Ageratum yellow vein China virus	Complete sequence, Chinese Hainan isolate Hn2	Begomovirus	NC_004090
AF314144	Ageratum yellow vein Sri Lanka virus	DNA-A, Sri Lankan isolate	Begomovirus	NC_002981
AF307861	Ageratum yellow vein Taiwan virus	DNA-A, Taiwan isolate	Begomovirus	-
X74516	Ageratum yellow vein virus	DNA-A	Begomovirus	-
AF110189	Bean calico mosaic virus	DNA-A	Begomovirus	NC_003504
AF110190	Bean calico mosaic virus	DNA-B	Begomovirus	NC_003505
M88179	Bean dwarf mosaic virus	DNA-A	Begomovirus	NC_001931

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M88180	Bean dwarf mosaic virus	DNA-B	Begomovirus	NC_001930
M88686	Bean golden mosaic virus	DNA-A	Begomovirus	NC_004042
M88687	Bean golden mosaic virus	DNA-B	Begomovirus	NC_004043
D00201	Bean golden yellow mosaic virus	DNA-A	Begomovirus	NC_001439
D00200	Bean golden yellow mosaic virus	DNA-B	Begomovirus	NC_001438
AF241479	Bhendi yellow vein mosaic virus	DNA-A, Bhendi yellow mosaic, India	Begomovirus	NC_003418
U65529	Cabbage leaf curl virus	DNA-A	Begomovirus	NC_003866
U65530	Cabbage leaf curl virus	DNA-B	Begomovirus	NC_003887
AJ223191	Chayote yellow mosaic virus	DNA-A, Nigeria (Ibadan)	Begomovirus	-
AF336806	Chilli leaf curl virus	DNA-A, Pakistan Pepper leaf curl Multan isolate	Begomovirus	-
AF101476	Chino del tomate virus	DNA-A	Begomovirus	NC_003830
AF101478	Chino del tomate virus	DNA-B	Begomovirus	NC_003831
AJ002455	Cotton leaf curl Alabad virus	Complete sequence, Pakistan isolate clc802a	Begomovirus	-
AF155064	Cotton leaf curl Gezira virus	DNA-A, Egyptian isolate	Begomovirus	NC_002510
AJ002448	Cotton leaf curl Kokhran virus	Complete sequence, Pakistan isolate clc72b	Begomovirus	-
AJ002458	Cotton leaf curl Multan virus	Complete sequence, Pakistan isolate clc26	Begomovirus	-
AF363011	Cotton leaf curl Rajasthan virus	Complete sequence, Indian strain G	Begomovirus	NC_003199
AF029217	Cowpea golden mosaic virus	DNA-A, Nigeria (Nsukka)	Begomovirus	-
AJ507777	Croton yellow vein mosaic virus	DNA-A, Indian isolate	Begomovirus	NC_004300
AF256200	Cucurbit leaf curl virus	DNA-A	Begomovirus	NC_003858
AF327559	Cucurbit leaf curl virus	DNA-B	Begomovirus	NC_003859
AF139168	Dicliptera yellow mottle virus	DNA-A, Florida	Begomovirus	NC_003856
AF170101	Dicliptera yellow mottle virus	DNA-B	Begomovirus	NC_003857
AF112354	East African cassava mosaic Cameroon virus	DNA-A, Cameroon isolate	Begomovirus	-
AF112355	East African cassava mosaic Cameroon virus	DNA-B, Cameroon isolate	Begomovirus	-
AF126806	East African cassava mosaic virus	DNA-A, Ugandan severe strain	Begomovirus	-
AF126807	East African cassava mosaic virus	DNA-B, Ugandan severe strain	Begomovirus	-
AF422174	East African cassava mosaic Zanzibar virus	DNA-A	Begomovirus	-
AF422175	East African cassava mosaic Zanzibar virus	DNA-B	Begomovirus	-
AB007990	Eupatorium yellow vein virus	Complete sequence	Begomovirus	NC_003556
AY036009	Hollyhock leaf crumple virus	Complete sequence, Egypt (Cairo) isolate	Begomovirus	NC_004071
AB020781	Honeysuckle yellow vein mosaic virus	Complete sequence	Begomovirus	NC_003609
Z24758	Indian cassava mosaic virus	DNA-A	Begomovirus	NC_001932
Z24759	Indian cassava mosaic virus	DNA-B	Begomovirus	NC_001933
AJ132548	Ipomoea yellow vein virus	Complete sequence, isolate from Southern Spain	Begomovirus	NC_003879

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AY044133	Macropodium mosaic Puerto Rico virus	DNA-A	Begomovirus	NC_004097
AY044134	Macropodium mosaic Puerto Rico virus	DNA-B	Begomovirus	NC_004098
AY044135	Macropodium yellow mosaic Florida virus	DNA-A	Begomovirus	NC_004099
AY044136	Macropodium yellow mosaic Florida virus	DNA-B	Begomovirus	NC_004100
AJ344452	Macropodium yellow mosaic virus	Complete sequence, Cuban isolate	Begomovirus	-
AJ457824	Malvastrum yellow vein virus	DNA-A, Yunnan Y47 isolate	Begomovirus	-
AF325497	Melon chlorotic leaf curl virus	DNA-A	Begomovirus	-
AF126406	Mungbean yellow mosaic India virus	DNA-A, isolate bg3	Begomovirus	-
AF142440	Mungbean yellow mosaic India virus	DNA-B, isolate bg3	Begomovirus	-
D14703	Mungbean yellow mosaic virus	DNA-A	Begomovirus	NC_001983
D14704	Mungbean yellow mosaic virus	DNA-B	Begomovirus	NC_001984
AJ002451	Okra yellow vein mosaic virus	DNA-A, Pakistan isolate oyvm201	Begomovirus	NC_004150
Y15934	Papaya leaf curl virus	DNA-A	Begomovirus	-
U57457	Pepper golden mosaic virus	DNA-A, Texas pepper strain Tamaulipas	Begomovirus	NC_004101
AF499442	Pepper golden mosaic virus	DNA-B, Texas pepper isolate	Begomovirus	NC_004096
X70418	Pepper huasteco yellow vein virus	DNA-A	Begomovirus	NC_001359
X70419	Pepper huasteco yellow vein virus	DNA-B	Begomovirus	NC_001369
AF314531	Pepper leaf curl Bangladesh virus	DNA-A, Bangladesh isolate	Begomovirus	-
AF134484	Pepper leaf curl virus	Complete sequence, Thailand isolate	Begomovirus	NC_000882
Y15034	Potato yellow mosaic Panama virus	DNA-A	Begomovirus	NC_002048
Y15033	Potato yellow mosaic Panama virus	DNA-B	Begomovirus	NC_002049
AF039031	Potato yellow mosaic Trinidad virus	DNA-A	Begomovirus	-
AF039032	Potato yellow mosaic Trinidad virus	DNA-B	Begomovirus	-
D00940	Potato yellow mosaic virus	DNA-A, VE isolate	Begomovirus	NC_001934
D00941	Potato yellow mosaic virus	DNA-B, VE isolate	Begomovirus	NC_001935
AF239671	Rhynchosia golden mosaic virus	DNA-A, Honduras	Begomovirus	-
X99550	Sida golden mosaic Costa Rica virus	DNA-A	Begomovirus	-
X99551	Sida golden mosaic Costa Rica virus	DNA-B	Begomovirus	-
U77963	Sida golden mosaic Florida virus	DNA-A, Florida isolate I	Begomovirus	-
Y11097	Sida golden mosaic Honduras virus	DNA-A	Begomovirus	-
Y11098	Sida golden mosaic Honduras virus	DNA-B	Begomovirus	-
AF049336	Sida golden mosaic virus	DNA-A, Florida isolate	Begomovirus	NC_002046
AF039841	Sida golden mosaic virus	DNA-B, Florida isolate	Begomovirus	NC_002047
U77964	Sida golden yellow vein virus	DNA-A, Florida isolate II	Begomovirus	-
AY090555	Sida mottle virus	DNA-A, Brazilian isolate	Begomovirus	-

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AY090558	Sida yellow mosaic virus	DNA-A, Brazilian isolate	Begomovirus	-
Y11099	Sida yellow vein virus	DNA-A, Honduras strain	Begomovirus	-
AF155806	South African cassava mosaic virus	DNA-A, South African strain	Begomovirus	NC_003803
AF155807	South African cassava mosaic virus	DNA-B, South African strain	Begomovirus	NC_003804
AB050781	Soybean crinkle leaf virus	Complete sequence, Thailand isolate	Begomovirus	NC_003357
AB027465	Squash leaf curl China virus	DNA-A	Begomovirus	-
M38183	Squash leaf curl virus	DNA-A	Begomovirus	NC_001936
M38182	Squash leaf curl virus	DNA-B	Begomovirus	NC_001937
AJ420319	Squash leaf curl Yunnan virus	DNA-A, isolate Y23	Begomovirus	-
AF421552	Squash mild leaf curl virus	DNA-A, Californian isolate R	Begomovirus	-
AF421553	Squash mild leaf curl virus	DNA-B, Californian isolate R	Begomovirus	-
AY064391	Squash yellow mottle virus	DNA-A, Costa Rica isolate 98-631	Begomovirus	NC_003865
AF440790	Squash yellow mottle virus	DNA-B, Costa Rica isolate	Begomovirus	NC_003860
AJ314737	Sri Lankan cassava mosaic virus	DNA-A, Colombo isolate	Begomovirus	NC_003861
AJ314738	Sri Lankan cassava mosaic virus	DNA-B, Colombo isolate	Begomovirus	NC_003862
AJ495814	Stachytarpheta leaf curl virus	Complete sequence, Chinese Hainan Hn5 isolate	Begomovirus	NC_004091
AF326775	Sweet potato leaf curl Georgia virus	DNA-A, isolate Georgia 16	Begomovirus	-
AF104036	Sweet potato leaf curl virus	DNA-A, USA	Begomovirus	-
AJ457986	Tobacco curly shoot virus	Complete sequence, Yunnan Y41 isolate	Begomovirus	NC_003722
AB028604	Tobacco leaf curl Japan virus	Complete sequence, Japanese isolate	Begomovirus	-
AB055009	Tobacco leaf curl Kochi virus	Complete sequence, isolate KK, strain Kochi	Begomovirus	-
AF240674	Tobacco leaf curl Yunnan virus	Complete sequence, Yunnan Y3 isolate	Begomovirus	-
AF350330	Tobacco leaf curl Zimbabwe virus	Complete sequence, Zimbabwe isolate	Begomovirus	NC_002817
AF490004	Tomato chlorotic mottle virus	DNA-A, isolate BA-Se1	Begomovirus	NC_003664
AF491306	Tomato chlorotic mottle virus	DNA-B, isolate BA-Se1	Begomovirus	NC_003665
AF261885	Tomato curly stunt virus	DNA-A, South African isolate	Begomovirus	-
K02029	Tomato golden mosaic virus	DNA-A, YV isolate	Begomovirus	NC_001507
K02030	Tomato golden mosaic virus	DNA-B, YV isolate	Begomovirus	NC_001508
AF132852	Tomato golden mottle virus	Complete sequence, Guatemala isolate	Begomovirus	NC_003829
Z48182	Tomato leaf curl Bangalore virus	Complete sequence	Begomovirus	NC_003891
AF188481	Tomato leaf curl Bangladesh virus	Complete sequence, Bangladesh BD2 isolate	Begomovirus	-
AF413671	Tomato leaf curl Gujarat virus	DNA-A, Indian Gujarat (Vadodara district) isolate	Begomovirus	-
U38239	Tomato leaf curl Karnataka virus	Complete sequence, isolate 2	Begomovirus	NC_003897
AF195782	Tomato leaf curl Laos virus	Complete sequence, Laos isolate	Begomovirus	-
AF327436	Tomato leaf curl Malaysia virus	DNA-A, Malaysia, Klang isolate	Begomovirus	-

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Y16421	Tomato leaf curl New Delhi virus	DNA-A, Lucknow isolate	Begomovirus	-
X89653	Tomato leaf curl New Delhi virus	DNA-B	Begomovirus	-
U88692	Tomato leaf curl Taiwan virus	Complete sequence	Begomovirus	NC_003898
AF264063	Tomato leaf curl Vietnam virus	DNA-A	Begomovirus	NC_004153
S53251	Tomato leaf curl virus	Complete sequence	Begomovirus	NC_003896
Y14874	Tomato mosaic Havana virus	DNA-A, Quivican	Begomovirus	NC_003867
Y14875	Tomato mosaic Havana virus	DNA-B, Quivican	Begomovirus	NC_003868
AF012300	Tomato mottle Taino virus	DNA-A, Cuban isolate	Begomovirus	NC_001828
AF012301	Tomato mottle Taino virus	DNA-B, Cuban isolate	Begomovirus	NC_001917
L14460	Tomato mottle virus	DNA-A, Florida isolate	Begomovirus	NC_001938
L14461	Tomato mottle virus	DNA-B, Florida isolate	Begomovirus	NC_001939
AF291705	Tomato rugose mosaic virus	DNA-A, Brazilian Uberlandia isolate	Begomovirus	NC_002555
AF291706	Tomato rugose mosaic virus	DNA-B, Brazilian Uberlandia isolate	Begomovirus	NC_002556
AF130415	Tomato severe leaf curl virus	DNA-A, Guatemala isolate GT96-1	Begomovirus	-
AY029750	Tomato severe rugose virus	DNA-A, Brazilian Minas Gerais isolate	Begomovirus	-
AF311734	Tomato yellow leaf curl China virus	Complete sequence	Begomovirus	NC_004044
AY044137	Tomato yellow leaf curl Gezira virus	Complete sequence, isolate Gezira 1	Begomovirus	-
X61153	Tomato yellow leaf curl Sardinia virus	Complete sequence	Begomovirus	NC_003828
AF141922	Tomato yellow leaf curl Thailand virus	DNA-A	Begomovirus	NC_000869
AF141897	Tomato yellow leaf curl Thailand virus	DNA-B	Begomovirus	NC_000870
AF105975	Tomato yellow leaf curl virus	Complete sequence, Portuguese strain	Begomovirus	NC_001996
AJ012081	Watermelon chlorotic stunt virus	DNA-A	Begomovirus	NC_003708
AJ012082	Watermelon chlorotic stunt virus	DNA-B	Begomovirus	NC_003709
D84410	Beet necrotic yellow vein virus	RNA1, Japanese isolate (S)	Benyvirus	NC_003514
D84411	Beet necrotic yellow vein virus	RNA2, Japanese isolate (S)	Benyvirus	NC_003515
D84412	Beet necrotic yellow vein virus	RNA3, Japanese isolate (S)	Benyvirus	NC_003516
D84413	Beet necrotic yellow vein virus	RNA4, Japanese isolate (S)	Benyvirus	NC_003517
D63936	Beet necrotic yellow vein virus	RNA5, Japanese S43 isolate	Benyvirus	NC_003513
AF280539	Beet soil-borne mosaic virus	RNA1, isolate EA	Benyvirus	NC_003506
AF061869	Beet soil-borne mosaic virus	RNA2, isolate EA	Benyvirus	NC_003503
AF280540	Beet soil-borne mosaic virus	RNA3, isolate EA	Benyvirus	NC_003507
AF280541	Beet soil-borne mosaic virus	RNA4, isolate EA	Benyvirus	NC_003508
AJ272327	Pelargonium zonate spot virus	RNA1, Italian tomato strain	Bromoviridae	NC_003649
AJ272328	Pelargonium zonate spot virus	RNA2, Italian tomato strain	Bromoviridae	NC_003650
AJ272329	Pelargonium zonate spot virus	RNA3, Italian tomato strain	Bromoviridae	NC_003651

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M65138	Broad bean mottle virus	RNA1	Bromovirus	NC_004008
M64713	Broad bean mottle virus	RNA2	Bromovirus	NC_004007
M60291	Broad bean mottle virus	RNA3	Bromovirus	NC_004006
X02380	Brome mosaic virus	RNA1, Russian strain	Bromovirus	NC_002026
X01678	Brome mosaic virus	RNA2, Russian strain	Bromovirus	NC_002027
J02042	Brome mosaic virus	RNA3, Russian strain	Bromovirus	NC_002028
M65139	Cowpea chlorotic mottle virus	RNA1	Bromovirus	NC_003543
M28817	Cowpea chlorotic mottle virus	RNA2	Bromovirus	NC_003541
M28818	Cowpea chlorotic mottle virus	RNA3	Bromovirus	NC_003542
Y10973	Barley mild mosaic virus	RNA1, UK isolate F (fungally transmissible)	Bymovirus	NC_003483
X90904	Barley mild mosaic virus	RNA2, UK isolate F (fungally transmissible)	Bymovirus	NC_003482
AJ132268	Barley yellow mosaic virus	RNA1, Chinese isolate	Bymovirus	NC_002990
AJ132269	Barley yellow mosaic virus	RNA2, Chinese isolate	Bymovirus	NC_002991
AJ306718	Oat mosaic virus	RNA1, UK Cranbrook isolate	Bymovirus	NC_004016
AJ306719	Oat mosaic virus	RNA2, UK Cranbrook isolate	Bymovirus	NC_004017
D86634	Wheat yellow mosaic virus	RNA1, Japanese isolate	Bymovirus	NC_002350
D86635	Wheat yellow mosaic virus	RNA2, Japanese isolate	Bymovirus	NC_002349
D14995	Apple stem grooving virus	Complete sequence, strain P-209	Capillovirus	NC_001749
X82547	Cherry virus A	Complete sequence	Capillovirus	NC_003689
AB051848	Aconitum latent virus	Complete sequence, Japanese isolate D	Carlavirus	NC_002795
L25658	Blueberry scorch virus	Complete sequence, NJ-2 isolate	Carlavirus	NC_003499
AJ292226	Garlic latent virus	Complete sequence, Chinese isolate Yuhang YH1	Carlavirus	NC_003557
AB032469	Hop latent virus	Complete sequence, Japanese isolate	Carlavirus	NC_002552
D14449	Potato virus M	Complete sequence, Russian wild type strain	Carlavirus	NC_001361
L16015	Cardamine chlorotic fleck virus	Complete sequence, CL isolate	Carmovirus	NC_001600
AF192772	Carnation mottle virus	Complete sequence, Shangai isolate	Carmovirus	NC_001265
U20976	Cowpea mottle virus	Complete sequence	Carmovirus	NC_003535
Y13463	Galinsoga mosaic virus	Complete sequence	Carmovirus	NC_001818
X86448	Hibiscus chlorotic ringspot virus	Complete sequence	Carmovirus	NC_003608
D86123	Japanese iris necrotic ring virus	Complete sequence	Carmovirus	NC_002187
M29671	Melon necrotic spot virus	Complete sequence	Carmovirus	NC_001504
U72332	Saguaro cactus virus	Complete sequence	Carmovirus	NC_001780
M22445	Turnip crinkle virus	Complete sequence	Carmovirus	NC_003821
AF190123	Tobacco vein-clearing virus	Complete sequence	Caulimoviridae	NC_003378
AF404509	Blueberry red ringspot virus	Complete sequence	Caulimovirus	NC_003138

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X04658	Carnation etched ring virus	Complete sequence	Caulimovirus	NC_003498
V00141	Cauliflower mosaic virus	Complete sequence	Caulimovirus	NC_001497
X06166	Figwort mosaic virus	Complete sequence	Caulimovirus	NC_003554
AF454635	Mirabilis mosaic virus	Complete sequence	Caulimovirus	NC_004036
X97304	Strawberry vein banding virus	Complete sequence	Caulimovirus	NC_001725
U59751	Cassava vein mosaic virus	Complete sequence	Cavemovirus	NC_001648
Y10237	Little cherry virus-1	Complete sequence, isolate UW2	Closteroviridae	NC_001836
X73476	Beet yellows virus	Complete sequence, Ukrainian strain	Closterovirus	NC_001598
U16304	Citrus tristeza virus	Complete sequence, T36 quick decline strain	Closterovirus	NC_001661
AB030940	Apple latent spherical virus	RNA1	Comoviridae	NC_003787
AB030941	Apple latent spherical virus	RNA2	Comoviridae	NC_003788
U70866	Bean pod mottle virus	RNA1, isolate KY G-7	Comovirus	NC_003496
M62738	Bean pod mottle virus	RNA2	Comovirus	NC_003495
X00206	Cowpea mosaic virus	RNA1 (B component)	Comovirus	NC_003549
X00729	Cowpea mosaic virus	RNA2 (M component)	Comovirus	NC_003550
M83830	Cowpea severe mosaic virus	RNA1	Comovirus	NC_003545
M83309	Cowpea severe mosaic virus	RNA2	Comovirus	NC_003544
X64886	Red clover mottle virus	RNA1, isolate S	Comovirus	NC_003741
M14913	Red clover mottle virus	RNA2	Comovirus	NC_003738
AB054688	Squash mosaic virus	RNA1, Japanese isolate Y	Comovirus	NC_003799
AB054689	Squash mosaic virus	RNA2, almost complete, Japanese isolate Y	Comovirus	NC_003800
U15440	Lettuce infectious yellows virus	RNA1, strain 92	Crinivirus	NC_003617
U15441	Lettuce infectious yellows virus	RNA2, strain 92	Crinivirus	NC_003618
D00356	Cucumber mosaic virus	RNA1, Fny strain	Cucumovirus	NC_002034
D00355	Cucumber mosaic virus	RNA2, Fny strain	Cucumovirus	NC_002035
D10538	Cucumber mosaic virus	RNA3, Fny strain	Cucumovirus	NC_001440
U15728	Peanut stunt virus	RNA1, ER strain	Cucumovirus	NC_002038
U15729	Peanut stunt virus	RNA2, ER strain	Cucumovirus	NC_002039
U15730	Peanut stunt virus	RNA3, ER strain	Cucumovirus	NC_002040
D10044	Tomato aspermy virus	RNA1, strain V	Cucumovirus	NC_003837
D10663	Tomato aspermy virus	RNA2, strain V	Cucumovirus	NC_003838
AJ277268	Tomato aspermy virus	RNA3, strain V	Cucumovirus	NC_003836
M24597	Beet curly top virus	Complete sequence	Curtovirus	NC_001412
U56975	Beet mild curly top virus	Complete sequence	Curtovirus	-
U02311	Beet severe curly top virus	Complete sequence	Curtovirus	-

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U49907	Horseradish curly top virus	Complete sequence	Curtovirus	NC_002543
AB030277	Northern cereal mosaic virus	Complete sequence	Cytorhabdovirus	NC_002251
L18870	Carnation ringspot virus	RNA1	Dianthovirus	NC_003530
M88589	Carnation ringspot virus	RNA2	Dianthovirus	NC_003531
J04357	Red clover necrotic mosaic virus	RNA1, Australian	Dianthovirus	NC_003756
X08021	Red clover necrotic mosaic virus	RNA2, Australian	Dianthovirus	NC_003775
L07884	Sweet clover necrotic mosaic virus	RNA1, strain 59	Dianthovirus	NC_003806
S46028	Sweet clover necrotic mosaic virus	RNA2, strain 59	Dianthovirus	NC_003807
L04573	Pea enation mosaic virus-1	Complete sequence, non aphid-transmissible WSG strain	Enamovirus	NC_003629
AF225953	Broad bean wilt virus 2	RNA1, Singapore ME isolate	Fabavirus	NC_003003
AF225954	Broad bean wilt virus 2	RNA2, Singapore ME isolate	Fabavirus	NC_003004
D49693	Nilaparvata lugens reovirus	Segment 1	Fijivirus	NC_003654
D14691	Nilaparvata lugens reovirus	Segment 10	Fijivirus	NC_003652
D49694	Nilaparvata lugens reovirus	Segment 2	Fijivirus	NC_003655
D49695	Nilaparvata lugens reovirus	Segment 3	Fijivirus	NC_003656
D49696	Nilaparvata lugens reovirus	Segment 4	Fijivirus	NC_003657
D49697	Nilaparvata lugens reovirus	Segment 5	Fijivirus	NC_003658
D49698	Nilaparvata lugens reovirus	Segment 6	Fijivirus	NC_003659
D49699	Nilaparvata lugens reovirus	Segment 7	Fijivirus	NC_003660
D26127	Nilaparvata lugens reovirus	Segment 8	Fijivirus	NC_003653
D49700	Nilaparvata lugens reovirus	Segment 9	Fijivirus	NC_003661
AJ294757	Rice black streaked dwarf virus	Segment 1, Chinese Zhejiang rice isolate	Fijivirus	NC_003729
AJ297433	Rice black streaked dwarf virus	Segment 10, Chinese Zhejiang rice isolate	Fijivirus	NC_003733
AJ409145	Rice black streaked dwarf virus	Segment 2, Chinese Zhejiang rice isolate	Fijivirus	NC_003734
AJ293984	Rice black streaked dwarf virus	Segment 3, Chinese Zhejiang rice isolate	Fijivirus	NC_003728
AJ409146	Rice black streaked dwarf virus	Segment 4, Chinese Zhejiang rice isolate	Fijivirus	NC_003735
AJ409147	Rice black streaked dwarf virus	Segment 5, Chinese Zhejiang rice isolate	Fijivirus	NC_003736
AJ409148	Rice black streaked dwarf virus	Segment 6, Chinese Zhejiang rice isolate	Fijivirus	NC_003737
AJ297427	Rice black streaked dwarf virus	Segment 7, Chinese Zhejiang rice isolate	Fijivirus	NC_003730
AJ297431	Rice black streaked dwarf virus	Segment 8, Chinese Zhejiang rice isolate	Fijivirus	NC_003732
AJ297430	Rice black streaked dwarf virus	Segment 9, Chinese Zhejiang rice isolate	Fijivirus	NC_003731
D21829	Apple stem pitting virus	Complete sequence, isolate PA66	Foveavirus	NC_003462
AF314662	Banana mild mosaic virus	Complete sequence	Foveavirus	NC_002729
AF017780	Cherry green ring mottle virus	Complete sequence	Foveavirus	NC_001946
AF237816	Cherry necrotic rusty mottle virus	Complete sequence	Foveavirus	NC_002468

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AF057136	Rupestris stem pitting-associated virus	Complete sequence	Foveavirus	NC_001948
AJ012005	Chinese wheat mosaic virus	RNA1, Yantai isolate	Furovirus	NC_002359
AJ012006	Chinese wheat mosaic virus	RNA2, Yantai isolate	Furovirus	NC_002356
AJ132578	Oat golden stripe virus	RNA1, UK isolate	Furovirus	NC_002358
AJ132579	Oat golden stripe virus	RNA2, UK isolate	Furovirus	NC_002357
AJ132576	Soil-borne cereal mosaic virus	RNA1, French wheat isolate	Furovirus	NC_002351
AJ132577	Soil-borne cereal mosaic virus	RNA2, French wheat isolate	Furovirus	NC_002330
L07937	Soil-borne wheat mosaic virus	RNA1, Nebraska isolate	Furovirus	NC_002041
L07938	Soil-borne wheat mosaic virus	RNA2, Nebraska isolate	Furovirus	NC_002042
AB033691	Sorghum chlorotic spot virus	RNA1	Furovirus	NC_004014
AB033692	Sorghum chlorotic spot virus	RNA2	Furovirus	NC_004015
J04342	Barley stripe mosaic virus	RNA1, Type strain	Hordeivirus	NC_003469
X03854	Barley stripe mosaic virus	RNA2, Type strain	Hordeivirus	NC_003481
M16576	Barley stripe mosaic virus	RNA3, Type strain	Hordeivirus	NC_003478
S51557	Raspberry bushy dwarf virus	RNA1, isolate R15	Idaeovirus	NC_003739
S55890	Raspberry bushy dwarf virus	RNA2 (including subgenomic RNA3), isolate R15	Idaeovirus	NC_003740
AF235033	American plum line pattern virus	RNA1	Ilarvirus	NC_003451
AF235165	American plum line pattern virus	RNA2	Ilarvirus	NC_003452
AF235166	American plum line pattern virus	RNA3	Ilarvirus	NC_003453
AF174584	Apple mosaic virus	RNA1	Ilarvirus	NC_003464
AF174585	Apple mosaic virus	RNA2	Ilarvirus	NC_003465
U15608	Apple mosaic virus	RNA3	Ilarvirus	NC_003480
U23715	Citrus leaf rugose virus	RNA1	Ilarvirus	NC_003548
U17726	Citrus leaf rugose virus	RNA2	Ilarvirus	NC_003547
U17390	Citrus leaf rugose virus	RNA3	Ilarvirus	NC_003546
U57047	Elm mottle virus	RNA1	Ilarvirus	NC_003569
U34050	Elm mottle virus	RNA2	Ilarvirus	NC_003568
U85399	Elm mottle virus	RNA3, submitted 1997	Ilarvirus	NC_003570
U57648	Prune dwarf virus	RNA1, Salmo BC cherry isolate	Ilarvirus	-
AF277662	Prune dwarf virus	RNA2	Ilarvirus	-
L28145	Prune dwarf virus	RNA3, isolate ch137	Ilarvirus	-
AF278534	Prunus necrotic ringspot virus	RNA1	Ilarvirus	-
AF278535	Prunus necrotic ringspot virus	RNA2	Ilarvirus	-
S78312	Prunus necrotic ringspot virus	RNA3	Ilarvirus	-
U93192	Spinach latent virus	RNA1	Ilarvirus	NC_003808

<b>Acc No</b>	<b>Virus</b>	<b>Comment</b>	<b>Genus</b>	<b>RefSeq</b>
U93193	Spinach latent virus	RNA2	Illarivirus	NC_003809
U93194	Spinach latent virus	RNA3	Illarivirus	NC_003810
U80934	Tobacco streak virus	RNA1	Illarivirus	NC_003844
U75538	Tobacco streak virus	RNA2	Illarivirus	NC_003842
X00435	Tobacco streak virus	RNA3	Illarivirus	NC_003845
AF226160	Tulare apple mosaic virus	RNA1	Illarivirus	NC_003833
AF226161	Tulare apple mosaic virus	RNA2	Illarivirus	NC_003834
AF226162	Tulare apple mosaic virus	RNA3	Illarivirus	NC_003835
Z73124	Sweet potato mild mottle virus	Complete sequence	Ipomovirus	NC_003797
D00664	Arabidopsis mosaic virus large satellite RNA	Complete sequence	Large satellite RNAs	NC_003523
L22762	Bamboo mosaic virus satellite RNA	Complete sequence	Large satellite RNAs	NC_003497
AF112119	Blackcurrant reversion virus satellite RNA	Complete sequence	Large satellite RNAs	NC_003872
D00686	Chicory yellow mottle virus large satellite RNA	Complete sequence, isolate C	Large satellite RNAs	NC_003778
D00442	Grapevine fanleaf virus satellite RNA	Complete sequence	Large satellite RNAs	NC_003203
X69826	Strawberry latent ringspot virus satellite RNA	Complete sequence	Large satellite RNAs	NC_003848
X05689	Tomato black ring virus satellite RNA	Complete sequence, C isolate	Large satellite RNAs	NC_003890
AF441393	Bean leafroll virus	Complete sequence	Luteoviridae	NC_003369
AB038147	Soybean dwarf virus	Complete sequence, strain YS isolate M93-1	Luteoviridae	NC_003056
AF157029	Sugarcane yellow leaf virus	Complete sequence, Florida strain A	Luteoviridae	NC_000874
D11028	Barley yellow dwarf virus-MAV	Complete sequence, PS1 isolate	Luteovirus	NC_003680
AF218798	Barley yellow dwarf virus-PAS	Complete sequence, isolate 129	Luteovirus	NC_002160
X07653	Barley yellow dwarf virus-PAV	Complete sequence, Australian isolate	Luteovirus	-
X14736	Maize chlorotic mottle virus	Complete sequence	Machlomovirus	NC_003627
AJ309022	Grapevine fleck virus	Complete sequence, Italian isolate MT48	Maculavirus	NC_003347
AF265566	Maize rayado fino virus	Complete sequence, Costa Rica	Marafivirus	NC_002786
U87832	Oat blue dwarf virus	Complete sequence	Marafivirus	NC_001793
AJ271595	Poinsettia mosaic virus	Complete sequence	Marafivirus	NC_002164
Y11023	Bean yellow dwarf virus	Complete sequence	Mastrevirus	NC_003493
M20021	Chloris striate mosaic virus	Complete sequence	Mastrevirus	NC_001466
M23022	Digitaria streak virus	Complete sequence	Mastrevirus	NC_001478
Y00514	Maize streak virus	Complete sequence, South African (S) isolate	Mastrevirus	NC_001346
D01030	Miscanthus streak virus	Complete sequence	Mastrevirus	NC_003379
L39638	Panicum streak virus	Complete sequence, Karino strain	Mastrevirus	NC_001647
AF037752	Sugarcane streak Egypt virus	Complete sequence, Giza isolate	Mastrevirus	NC_001868
AF072672	Sugarcane streak Reunion virus	Complete sequence, Reunion isolate 1	Mastrevirus	-

<b>Acc No</b>	<b>Virus</b>	<b>Comment</b>	<b>Genus</b>	<b>RefSeq</b>
M82918	Sugarcane streak virus	Complete sequence, Natal strain	Mastrevirus	NC_003744
M81103	Tobacco yellow dwarf virus	Complete sequence	Mastrevirus	NC_003822
AJ311031	Wheat dwarf virus	Complete sequence, Swedish isolate Enkoping1	Mastrevirus	NC_003326
AJ005968	Faba bean necrotic yellows virus	DNA1, Egyptian isolate EV1-93	Nanovirus	NC_003558
AJ132179	Faba bean necrotic yellows virus	DNA10, Egyptian isolate EV1-93	Nanovirus	NC_003559
AJ132180	Faba bean necrotic yellows virus	DNA2, Egyptian isolate EV1-93	Nanovirus	NC_003560
AJ132181	Faba bean necrotic yellows virus	DNA3, Egyptian isolate EV1-93	Nanovirus	NC_003561
AJ132182	Faba bean necrotic yellows virus	DNA4, Egyptian isolate EV1-93	Nanovirus	NC_003562
AJ132183	Faba bean necrotic yellows virus	DNA5, Egyptian isolate EV1-93	Nanovirus	NC_003563
AJ132184	Faba bean necrotic yellows virus	DNA6, Egyptian isolate EV1-93	Nanovirus	NC_003564
AJ132185	Faba bean necrotic yellows virus	DNA7, Egyptian isolate EV1-93	Nanovirus	NC_003565
AJ132186	Faba bean necrotic yellows virus	DNA8, Egyptian isolate EV1-93	Nanovirus	NC_003566
AJ132187	Faba bean necrotic yellows virus	DNA9, Egyptian isolate EV1-93	Nanovirus	NC_003567
AB000920	Milk vetch dwarf virus	DNA1	Nanovirus	NC_003638
AB009047	Milk vetch dwarf virus	DNA10	Nanovirus	NC_003647
AB027511	Milk vetch dwarf virus	DNA11	Nanovirus	NC_003648
AB000921	Milk vetch dwarf virus	DNA2	Nanovirus	NC_003639
AB000922	Milk vetch dwarf virus	DNA3	Nanovirus	NC_003640
AB000923	Milk vetch dwarf virus	DNA4	Nanovirus	NC_003641
AB000924	Milk vetch dwarf virus	DNA5	Nanovirus	NC_003642
AB000925	Milk vetch dwarf virus	DNA6	Nanovirus	NC_003643
AB000926	Milk vetch dwarf virus	DNA7	Nanovirus	NC_003644
AB000927	Milk vetch dwarf virus	DNA8	Nanovirus	NC_003645
AB009046	Milk vetch dwarf virus	DNA9	Nanovirus	NC_003646
U16730	Subterranean clover stunt virus	DNA1, strain F	Nanovirus	NC_003813
U16731	Subterranean clover stunt virus	DNA2, strain F	Nanovirus	NC_003814
U16732	Subterranean clover stunt virus	DNA3, strain F	Nanovirus	NC_003815
U16733	Subterranean clover stunt virus	DNA4, strain F	Nanovirus	NC_003816
U16734	Subterranean clover stunt virus	DNA5, strain F	Nanovirus	NC_003817
U16735	Subterranean clover stunt virus	DNA6, strain F	Nanovirus	NC_003818
U16736	Subterranean clover stunt virus	DNA7, strain F	Nanovirus	NC_003819
AJ290434	Subterranean clover stunt virus	DNA8, strain F	Nanovirus	NC_003812
X94560	Leek white stripe virus	Complete sequence	Necrovirus	NC_001822
X85989	Olive latent virus 1	Complete sequence, citrus isolate	Necrovirus	NC_001721
M33002	Tobacco necrosis virus A	Complete sequence, isolate FM-1B	Necrovirus	NC_001777

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U62546	Tobacco necrosis virus D	Complete sequence, Hungarian isolate	Necrovirus	NC_003487
D00322	Beet ringspot virus	RNA1, TBRV strain S	Nepovirus	NC_003693
X04062	Beet ringspot virus	RNA2, TBRV strain S	Nepovirus	NC_003694
AF368272	Blackcurrant reversion virus	RNA1	Nepovirus	NC_003509
AF020051	Blackcurrant reversion virus	RNA2	Nepovirus	NC_003502
AB073147	Cycas necrotic stunt virus	RNA1	Nepovirus	NC_003791
AB073148	Cycas necrotic stunt virus	RNA2	Nepovirus	NC_003792
X15346	Grapevine chrome mosaic virus	RNA1	Nepovirus	NC_003622
X15163	Grapevine chrome mosaic virus	RNA2	Nepovirus	NC_003621
D00915	Grapevine fanleaf virus	RNA1, isolate F13	Nepovirus	NC_003615
X16907	Grapevine fanleaf virus	RNA2, isolate F13	Nepovirus	NC_003623
AB009958	Satsuma dwarf virus	RNA1, isolate S-58	Nepovirus	NC_003785
AB009959	Satsuma dwarf virus	RNA2, isolate S-58	Nepovirus	NC_003786
AY157993	Tomato black ring virus	RNA1, isolate MJ	Nepovirus	-
AY157994	Tomato black ring virus	RNA2, isolate MJ	Nepovirus	-
L19655	Tomato ringspot virus	RNA1, raspberry isolate	Nepovirus	NC_003840
D12477	Tomato ringspot virus	RNA2	Nepovirus	NC_003839
AB011257	Rice yellow stunt virus	Complete sequence	Nucleorhabdovirus	NC_003746
L32603	Sonchus yellow net virus	Complete sequence	Nucleorhabdovirus	NC_001615
X94346	Olive latent virus 2	RNA1	Oleavirus	NC_003673
X94347	Olive latent virus 2	RNA2	Oleavirus	NC_003674
X76993	Olive latent virus 2	RNA3	Oleavirus	NC_003671
AF525933	Mirafiori lettuce virus	RNA1, isolate LS301-0	Ophiovirus	-
AF525934	Mirafiori lettuce virus	RNA2, isolate LS301-0	Ophiovirus	-
AF525935	Mirafiori lettuce virus	RNA3, isolate LS301-0	Ophiovirus	-
AF525936	Mirafiori lettuce virus	RNA4, isolate LS301-0	Ophiovirus	-
AF020334	Rice ragged stunt virus	RNA1, Thai isolate	Oryzavirus	NC_003749
U66712	Rice ragged stunt virus	RNA10, Thai isolate	Oryzavirus	NC_003769
AF020335	Rice ragged stunt virus	RNA2, Thai isolate	Oryzavirus	NC_003750
AF020336	Rice ragged stunt virus	RNA3, Thai isolate	Oryzavirus	NC_003751
U66714	Rice ragged stunt virus	RNA4, Thai isolate	Oryzavirus	NC_003771
U33633	Rice ragged stunt virus	RNA5, Thai isolate	Oryzavirus	NC_003759
AF020337	Rice ragged stunt virus	RNA6, Thai isolate	Oryzavirus	NC_003752
U66713	Rice ragged stunt virus	RNA7, Thai isolate	Oryzavirus	NC_003770
L46682	Rice ragged stunt virus	RNA8, Thai isolate	Oryzavirus	NC_003758

<b>Acc No</b>	<b>Virus</b>	<b>Comment</b>	<b>Genus</b>	<b>RefSeq</b>
L38899	Rice ragged stunt virus	RNA9, Thai isolate	Oryzavirus	NC_003757
U55002	Panicum mosaic virus	Complete sequence, Kansas	Panicovirus	NC_002598
X99149	Indian peanut clump virus	RNA1, Hyderabad isolate	Pecluvirus	-
AF239729	Indian peanut clump virus	RNA2	Pecluvirus	-
X78602	Peanut clump virus	RNA1	Pecluvirus	NC_003672
L07269	Peanut clump virus	RNA2, isolate 87/TGTA2	Pecluvirus	NC_003668
U95208	Petunia vein clearing virus	Complete sequence	Petuvirus	NC_001839
U73201	Rice dwarf virus	RNA1, Chinese strain	Phytoreovirus	NC_003773
U36567	Rice dwarf virus	RNA10, Chinese strain	Phytoreovirus	NC_003766
U36568	Rice dwarf virus	RNA11, Chinese strain	Phytoreovirus	NC_003767
U36569	Rice dwarf virus	RNA12, Chinese strain	Phytoreovirus	NC_003768
U73202	Rice dwarf virus	RNA2, Chinese strain	Phytoreovirus	NC_003774
U72757	Rice dwarf virus	RNA3, Chinese strain	Phytoreovirus	NC_003772
U36562	Rice dwarf virus	RNA4, Chinese strain	Phytoreovirus	NC_003761
U36563	Rice dwarf virus	RNA5, Chinese strain	Phytoreovirus	NC_003762
U36564	Rice dwarf virus	RNA6, Chinese strain	Phytoreovirus	NC_003763
U36402	Rice dwarf virus	RNA7, Chinese strain	Phytoreovirus	NC_003760
U36565	Rice dwarf virus	RNA8, Chinese strain	Phytoreovirus	NC_003764
U36566	Rice dwarf virus	RNA9, Chinese strain	Phytoreovirus	NC_003765
AF352024	Beet chlorosis virus	Complete sequence, isolate 2a	Polerovirus	NC_002766
X83110	Beet mild yellowing virus	Complete sequence, 2ITB isolate	Polerovirus	NC_003491
AF473561	Beet western yellows virus	Complete sequence, USA isolate	Polerovirus	-
AF235168	Cereal yellow dwarf virus-RPS	Complete sequence, Mex-1 strain	Polerovirus	NC_002198
L25299	Cereal yellow dwarf virus-RPV	Complete sequence, NY isolate	Polerovirus	-
X76931	Cucurbit aphid-borne yellows virus	Complete sequence, NY isolate	Polerovirus	NC_003688
D00530	Potato leafroll virus	Complete sequence, Scottish isolate	Polerovirus	-
X13063	Turnip yellows virus	Complete sequence, FL-1 isolate	Polerovirus	NC_003743
Z97873	Beet soil-borne virus	RNA1, Ahlum isolate	Pomovirus	NC_003520
U64512	Beet soil-borne virus	RNA2, Ahlum isolate	Pomovirus	NC_003518
Z66493	Beet soil-borne virus	RNA3, Ahlum isolate	Pomovirus	NC_003519
AJ223596	Beet virus Q	RNA1	Pomovirus	NC_003510
AJ223597	Beet virus Q	RNA2	Pomovirus	NC_003511
AJ223598	Beet virus Q	RNA3	Pomovirus	NC_003512
D86636	Broad bean necrosis virus	RNA1, almost complete	Pomovirus	-
D86637	Broad bean necrosis virus	RNA2	Pomovirus	-

Acc No	Virus	Comment	Genus	RefSeq
D86638	Broad bean necrosis virus	RNA3, most of coding sequence	Pomovirus	-
AJ238607	Potato mop-top virus	RNA1, Swedish isolate	Pomovirus	NC_003723
AJ277556	Potato mop-top virus	RNA2, Swedish isolate	Pomovirus	NC_003725
AJ243719	Potato mop-top virus	RNA3, Swedish isolate	Pomovirus	NC_003724
D26017	Bamboo mosaic virus	Complete sequence, strain O	Potexvirus	NC_001642
AF308158	Cactus virus X	Complete sequence	Potexvirus	NC_002815
U23414	Cassava common mosaic virus	Complete sequence, Brazil	Potexvirus	NC_001658
D29630	Clover yellow mosaic virus	Complete sequence	Potexvirus	NC_001753
U62963	Cymbidium mosaic virus	Complete sequence, Singapore isolate	Potexvirus	NC_001812
M62730	Foxtail mosaic virus	Complete sequence	Potexvirus	NC_001483
D13747	Narcissus mosaic virus	Complete sequence	Potexvirus	NC_001441
D13957	Papaya mosaic virus	Complete sequence	Potexvirus	NC_001748
AF484251	Pepino mosaic virus	Complete sequence, Spanish isolate Sp-13	Potexvirus	NC_004067
Z21647	Plantago asiatica mosaic virus	Complete sequence	Potexvirus	NC_003849
S73580	Potato aucuba mosaic virus	Complete sequence	Potexvirus	NC_003632
X05198	Potato virus X	Complete sequence	Potexvirus	NC_001455
AJ316085	Scallion virus X	Complete sequence, Chinese Hangzhou isolate	Potexvirus	NC_003400
D12517	Strawberry mild yellow edge virus	Complete sequence, isolate MY-18	Potexvirus	NC_003794
AB066288	Tulip virus X	Complete sequence, isolate J	Potexvirus	NC_004322
X06728	White clover mosaic virus	Complete sequence	Potexvirus	NC_003820
U19287	Bean common mosaic necrosis virus	Complete sequence, NL3 strain	Potyvirus	NC_004047
AJ312437	Bean common mosaic virus	Complete sequence, BICMV isolate, Chinese isolate R	Potyvirus	NC_003397
D83749	Bean yellow mosaic virus	Complete sequence, strain MB4	Potyvirus	NC_003492
AJ237843	Chilli veinal mottle virus	Complete polyprotein and 3'-UTR	Potyvirus	-
AB011819	Clover yellow vein virus	Complete sequence, isolate 30	Potyvirus	NC_003536
AF499738	Cocksfoot streak virus	Complete sequence	Potyvirus	NC_003742
AF348210	Cowpea aphid-borne mosaic virus	Complete sequence, Zimbabwe isolate	Potyvirus	NC_004013
AJ298033	Dasheen mosaic virus	Complete sequence, Chinese isolate M13	Potyvirus	NC_003537
AB027007	Japanese yam mosaic virus	Complete sequence, mild strain	Potyvirus	NC_000947
Z26920	Johnsongrass mosaic virus	Complete sequence	Potyvirus	NC_003606
AJ307057	Leek yellow stripe virus	Complete sequence, Chinese Yuhang isolate	Potyvirus	NC_004011
X97705	Lettuce mosaic virus	Complete sequence, strain E	Potyvirus	NC_003605
AJ001691	Maize dwarf mosaic virus	Complete sequence, Bulgaria	Potyvirus	NC_003377
S46722	Papaya ringspot virus	Complete sequence, Hawaiian isolate	Potyvirus	NC_001785
D10930	Pea seed-borne mosaic virus	Complete sequence, strain DPD1	Potyvirus	NC_001671

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AF023848	Peanut mottle virus	Complete sequence, strain M	Potyvirus	NC_002600
M96425	Pepper mottle virus	Complete sequence, California	Potyvirus	NC_001517
D13751	Plum pox virus	Complete sequence, strain NAT	Potyvirus	NC_001445
AJ296311	Potato virus A	Complete sequence, Hungarian isolate B11 infectious clone	Potyvirus	NC_004039
AJ243766	Potato virus V	Complete sequence, isolate DV 42	Potyvirus	NC_004010
U09509	Potato virus Y	Complete sequence, common strain (PVYo)	Potyvirus	NC_004040
AJ316084	Scallion mosaic virus	Complete sequence, Chinese Hangzhou isolate	Potyvirus	NC_003399
AJ310197	Sorghum mosaic virus	Complete sequence, Chinese Xiaoshan isolate	Potyvirus	NC_004035
D00507	Soybean mosaic virus	Complete sequence, strain N	Potyvirus	NC_002634
AJ297628	Sugarcane mosaic virus	Complete sequence, Chinese Hangzhou isolate	Potyvirus	NC_003398
D86371	Sweet potato feathery mottle virus	Complete sequence, isolate S	Potyvirus	NC_001841
M11458	Tobacco etch virus	Complete sequence, HAT strain	Potyvirus	NC_001555
X04083	Tobacco vein mottling virus	Complete sequence	Potyvirus	NC_001768
AF169561	Turnip mosaic virus	Complete sequence, strain UK1	Potyvirus	NC_002509
AJ437279	Wild potato mosaic virus	Complete sequence, type isolate from Peru	Potyvirus	-
U42596	Yam mosaic virus	Complete sequence, Ivory Coast	Potyvirus	-
AF127929	Zucchini yellow mosaic virus	Complete sequence, TW-TN3 strain	Potyvirus	NC_003224
Y09854	Ryegrass mosaic virus	Complete sequence, Danish isolate	Rymovirus	NC_001814
AJ252072	Ageratum yellow vein virus satellite DNA beta	DNA beta, Singapore	Satellite DNAs	NC_003403
AJ416153	Ageratum yellow vein virus satellite DNA rep	Nanovirus-like rep component, DNA 1	Satellite DNAs	NC_003414
AJ292769	Cotton leaf curl virus satellite DNA beta	DNA beta01	Satellite DNAs	NC_003200
AJ132344	Cotton leaf curl virus satellite DNA rep	Nanovirus-like rep component, DNA 1	Satellite DNAs	-
AF397215	Okra leaf curl virus satellite DNA beta	DNA beta, isolate 10	Satellite DNAs	NC_004093
D14066	Parsnip yellow fleck virus	Complete sequence, isolate P121	Sequivirus	NC_003628
AB040447	Cocksfoot mottle virus	Complete sequence, Japan	Sobemovirus	NC_002618
U31286	Lucerne transient streak virus	Complete sequence, New Zealand	Sobemovirus	NC_001696
L20893	Rice yellow mottle virus	Complete sequence, Ivory Coast	Sobemovirus	NC_001575
AB040446	Ryegrass mottle virus	Complete sequence, Japanese isolate	Sobemovirus	NC_003747
AY004291	Sesbania mosaic virus	Complete sequence	Sobemovirus	NC_002568
AF055887	Southern bean mosaic virus	Complete sequence, Arkansas resistance breaking strain B	Sobemovirus	NC_004060
M23021	Southern cowpea mosaic virus	Complete sequence	Sobemovirus	NC_001625
AF208001	Subterranean clover mottle virus	Complete sequence, strain p23	Sobemovirus	-
U13988	Peanut chlorotic streak virus	Complete sequence, isolate K1	Soymovirus	NC_001634
X15828	Soybean chlorotic mottle virus	Complete sequence	Soymovirus	NC_001739
AB009656	Rice grassy stunt virus	RNA1, IRR1 isolate	Tenuivirus	NC_002323

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AB010376	Rice grassy stunt virus	RNA2, IRR1 isolate	Tenuivirus	NC_002324
AB010377	Rice grassy stunt virus	RNA3, IRR1 isolate	Tenuivirus	NC_002325
AB010378	Rice grassy stunt virus	RNA4, IRR1 isolate	Tenuivirus	NC_002326
AB000403	Rice grassy stunt virus	RNA5, IRR1 isolate	Tenuivirus	NC_002327
AB000404	Rice grassy stunt virus	RNA6, IRR1 isolate	Tenuivirus	NC_002328
D31879	Rice stripe virus	RNA1, isolate T	Tenuivirus	NC_003755
D13176	Rice stripe virus	RNA2, isolate T	Tenuivirus	NC_003754
X53563	Rice stripe virus	RNA3, isolate T	Tenuivirus	NC_003776
D10979	Rice stripe virus	RNA4, isolate T	Tenuivirus	NC_003753
M55012	Maize white line mosaic satellite virus	Complete sequence	TNsatV-like satellite viruses	NC_003631
M17182	Panicum mosaic satellite virus	Complete sequence, Masuta 1987	TNsatV-like satellite viruses	NC_003847
M25782	Tobacco mosaic satellite virus	Complete sequence	TNsatV-like satellite viruses	NC_003796
L06057	Tobacco necrosis satellite virus	Complete sequence	TNsatV-like satellite viruses	-
AB017503	Crucifer tobamovirus	Complete sequence, Wasabi strain, Shizuoka isolate	Tobamovirus	NC_003355
AF321057	Cucumber fruit mottle mosaic virus	Complete sequence	Tobamovirus	NC_002633
D12505	Cucumber green mottle mosaic virus	Complete sequence, strain SH	Tobamovirus	NC_001801
AJ295948	Kyuri green mottle mosaic virus	Complete sequence, Japanese isolate C1	Tobamovirus	NC_003610
D13438	Obuda pepper virus	Complete sequence	Tobamovirus	NC_003852
X82130	Odontoglossum ringspot virus	Complete sequence	Tobamovirus	NC_001728
AB089381	Paprika mild mottle virus	Complete sequence, Japanese strain	Tobamovirus	NC_004106
M81413	Pepper mild mottle virus	Complete sequence, strain S	Tobamovirus	NC_003630
AF254924	Ribgrass mosaic virus	Complete sequence, Shanghai isolate	Tobamovirus	NC_002792
M34077	Tobacco mild green mosaic virus	Complete sequence	Tobamovirus	NC_001556
V01408	Tobacco mosaic virus	Complete sequence, variant 1	Tobamovirus	NC_001367
AF332868	Tomato mosaic virus	Complete sequence, Queensland isolate	Tobamovirus	NC_002692
U03387	Turnip vein-clearing virus	Complete sequence, OSU isolate	Tobamovirus	NC_001873
AJ295949	Zucchini green mottle mosaic virus	Complete sequence, South Korean type strain	Tobamovirus	NC_003878
X14006	Pea early-browning virus	RNA1 (British SP5 strain)	Tobravirus	NC_002036
X51828	Pea early-browning virus	RNA2 (British SP5 strain: coat protein and two other ORFs)	Tobravirus	NC_001368
L23972	Pepper ringspot virus	RNA1, CAM strain	Tobravirus	NC_003669
X03241	Pepper ringspot virus	RNA2, CAM strain	Tobravirus	NC_003670
AF166084	Tobacco rattle virus	RNA1, PpK20 strain	Tobravirus	NC_003805
Z36974	Tobacco rattle virus	RNA2, PpK20 strain	Tobravirus	NC_003811
X62493	Artichoke mottled crinkle virus	Complete sequence	Tombusvirus	NC_001339
X85215	Carnation Italian ringspot virus	Complete sequence	Tombusvirus	NC_003500

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M25270	Cucumber necrosis virus	Complete sequence	Tombusvirus	NC_001469
X15511	Cymbidium ringspot virus	Complete sequence	Tombusvirus	NC_003532
AY100482	Pear redleaf-associated virus	Complete sequence	Tombusvirus	-
M21958	Tomato bushy stunt virus	Complete sequence, cherry strain	Tombusvirus	NC_001554
X84735	Tomato pseudo-curly top virus	Complete sequence	Topocuvirus	NC_003825
AF025538	Groundnut bud necrosis virus	L component	Tospovirus	NC_003614
U42555	Groundnut bud necrosis virus	M component	Tospovirus	NC_003620
U27809	Groundnut bud necrosis virus	S component	Tospovirus	NC_003619
X93218	Impatiens necrotic spot virus	L component, NL-7 isolate	Tospovirus	NC_003625
M74904	Impatiens necrotic spot virus	M component	Tospovirus	NC_003616
X66972	Impatiens necrotic spot virus	S component, NL-7 isolate	Tospovirus	NC_003624
D10066	Tomato spotted wilt virus	L component, isolate CPNH1	Tospovirus	NC_002052
S48091	Tomato spotted wilt virus	M component	Tospovirus	NC_002050
D00645	Tomato spotted wilt virus	S component, isolate CPNH9	Tospovirus	NC_002051
AF133128	Watermelon silver mottle virus	L component, Taiwan	Tospovirus	NC_003832
U75379	Watermelon silver mottle virus	M component, Taiwan	Tospovirus	NC_003841
U78734	Watermelon silver mottle virus	S component	Tospovirus	NC_003843
M58152	Apple chlorotic leaf spot virus	Complete sequence, isolate P863	Trichovirus	NC_001409
AF170028	Cherry mottle leaf virus	Complete sequence, strain SA1162-21	Trichovirus	NC_002500
Z48506	Brome streak mosaic virus	Complete sequence	Tritimovirus	NC_003501
AF057533	Wheat streak mosaic virus	Complete sequence, Sidney 81 isolate	Tritimovirus	NC_001886
X57924	Rice tungro bacilliform virus	Complete sequence, Philippine isolate	Tungrovirus	NC_001914
AF195000	Chayote mosaic virus	Complete sequence	Tymovirus	NC_002588
J04374	Eggplant mosaic virus	Complete sequence	Tymovirus	NC_001480
AF098523	Erysimum latent virus	Complete sequence	Tymovirus	NC_001977
D00637	Kennedya yellow mosaic virus	Complete sequence, Jervis Bay isolate	Tymovirus	NC_001746
J04375	Ononis yellow mosaic virus	Complete sequence	Tymovirus	NC_001513
Y16104	Physalis mottle virus	Complete sequence	Tymovirus	NC_003634
X07441	Turnip yellow mosaic virus	Complete sequence	Tymovirus	NC_004063
U57305	Carrot mottle mimic virus	Complete sequence, Australian isolate	Umbravirus	NC_001726
Z69910	Groundnut rosette virus	Complete sequence, isolate MC1	Umbravirus	NC_003603
U03563	Pea enation mosaic virus-2	Complete sequence	Umbravirus	NC_003853
L04281	Beet western yellows ST9 associated virus	Complete sequence	Unassigned virus	NC_004045
AF020617	Carrot red leaf associated virus	Complete sequence, clone a25	Unassigned virus	NC_003871
AJ318061	Citrus leaf blotch virus	Complete sequence, Corsican isolate SRA-153	Unassigned virus	NC_003877

<b>Acc No</b>	<b>Virus</b>	<b>Comment</b>	<b>Genus</b>	<b>RefSeq</b>
AF406744	Indian citrus ringspot virus	Complete sequence, isolate K1	Unassigned virus	NC_003093
AJ311875	Strawberry mottle virus	RNA1, Philippines isolate	Unassigned virus	NC_003445
AJ311876	Strawberry mottle virus	RNA2, Singapore isolate	Unassigned virus	NC_003446
AF315308	Sugarcane striate mosaic associated virus	Complete sequence	Unassigned virus	NC_003870
X75433	Grapevine virus A	Complete sequence, isolate Is151	Vitivirus	NC_003604
X75448	Grapevine virus B	Complete sequence	Vitivirus	NC_003602
U67839	Maize chlorotic dwarf virus	Complete sequence, Tennessee (TN) isolate	Waikavirus	NC_003626
M95497	Rice tungro spherical virus	Complete sequence	Waikavirus	NC_001632