

Summary

Top 15 uncorrected taxonomy groups in iRefIndex (Taxonomy identifiers as they appear in original source)

NCBI taxonomy identifier	Name	Number of interactions
4932	<i>Saccharomyces cerevisiae</i>	115570
9606	<i>Homo sapiens</i>	103695
7227	<i>Drosophila melanogaster</i>	46260
40674	Mammalia	35023
197	<i>Campylobacter jejuni</i>	11998
6239	<i>Caenorhabditis elegans</i>	11793
284812	<i>Schizosaccharomyces pombe</i> 972h-	11556
10090	<i>Mus musculus</i>	9964
562	<i>Escherichia coli</i>	8512
3702	<i>Arabidopsis thaliana</i>	5348
160	<i>Treponema pallidum</i>	3646
83333	<i>Escherichia coli</i> K-12	3490
10116	<i>Rattus norvegicus</i>	3477
1142	<i>Synechocystis</i>	3057
36329	<i>Plasmodium falciparum</i> 3D7	2731

Top 15 corrected taxonomy groups in iRefIndex (Taxonomy identifiers corrected using sequence database information)

NCBI taxonomy identifier	Name	Number of interactions
4932	<i>Saccharomyces cerevisiae</i>	115562
9606	<i>Homo sapiens</i>	114613
7227	<i>Drosophila melanogaster</i>	46264
197	<i>Campylobacter jejuni</i>	11998
4896	<i>Schizosaccharomyces pombe</i>	11831
6239	<i>Caenorhabditis elegans</i>	11793
10090	<i>Mus musculus</i>	8569
83333	<i>Escherichia coli</i> K-12	7482
3702	<i>Arabidopsis thaliana</i>	5354
155864	<i>Escherichia coli</i> O157:H7 EDL933	4928
160	<i>Treponema pallidum</i>	3646
1148	<i>Synechocystis</i> sp. PCC 6803	3166
36329	<i>Plasmodium falciparum</i> 3D7	2731
10116	<i>Rattus norvegicus</i>	2650
85962	<i>Helicobacter pylori</i> 26695	1598

Original

ICBI taxonomy identifie	Name	lumber of interactions
4932	Saccharomyces cerevisiae	115570
9606	Homo sapiens	103695
7227	Drosophila melanogaster	46260
40674	Mammalia	35023
197	Campylobacter jejuni	11998
6239	Caenorhabditis elegans	11793
284812	Schizosaccharomyces pombe 972h	11556
10090	Mus musculus	9964
562	Escherichia coli	8512
3702	Arabidopsis thaliana	5348
160	Treponema pallidum	3646
83333	Escherichia coli K-12	3490
10116	Rattus norvegicus	3477
1142	Synechocystis	3057
36329	Plasmodium falciparum 3D7	2731
-8	NA	1919
85962	Helicobacter pylori 26695	1599
11676	Human immunodeficiency virus 1	1313
9913	Bos taurus	808
4896	Schizosaccharomyces pombe	653
32630	synthetic construct	560
4530	Oryza sativa	498
0	NA	472
1148	Synechocystis sp. PCC 6803	451
246197	Myxococcus xanthus DK 1622	377
272951	Rickettsia sibirica 246	284
9031	Gallus gallus	277
8355	Xenopus laevis	250
274	Thermus thermophilus	227
39947	Oryza sativa Japonica Group	222
1423	Bacillus subtilis	209
170187	Streptococcus pneumoniae TIGR4	155
9986	Oryctolagus cuniculus	140
9823	Sus scrofa	140
2336	Thermotoga maritima	131
-2	NA	124
602	NA	117
11103	Hepatitis C virus	113

Original

1773 <i>Mycobacterium tuberculosis</i>	112
287 <i>Pseudomonas aeruginosa</i>	95
44689 <i>Dictyostelium discoideum</i>	95
4102 <i>Petunia x hybrida</i>	89
10070 <i>Akodon aerosus</i>	89
146786 <i>Thermosynechococcus elongatus</i>	86
3562 <i>Spinacia oleracea</i>	76
1422 <i>Geobacillus stearothermophilus</i>	74
7955 <i>Danio rerio</i>	70
1280 <i>Staphylococcus aureus</i>	67
3888 <i>Pisum sativum</i>	64
1063 <i>Rhodobacter sphaeroides</i>	60
303 <i>Pseudomonas putida</i>	59
4565 <i>Triticum aestivum</i>	58
727 <i>Haemophilus influenzae</i>	57
10245 <i>Vaccinia virus</i>	55
3055 <i>Chlamydomonas reinhardtii</i>	52
190486 <i>Xanthomonas axonopodis</i> pv. <i>citri</i> s	51
2261 <i>Pyrococcus furiosus</i>	50
11320 <i>Influenza A virus</i>	50
623 <i>Shigella flexneri</i>	48
5691 <i>Trypanosoma brucei</i>	45
4113 <i>Solanum tuberosum</i>	44
4577 <i>Zea mays</i>	44
32046 <i>Synechococcus elongatus</i>	43
53953 <i>Pyrococcus horikoshii</i>	42
266 <i>Paracoccus denitrificans</i>	42
2190 <i>Methanocaldococcus jannaschii</i>	41
4081 <i>Solanum lycopersicum</i>	41
271 <i>Thermus aquaticus</i>	41
2234 <i>Archaeoglobus fulgidus</i>	40
6421 <i>Hirudo medicinalis</i>	39
210 <i>Helicobacter pylori</i>	39
358 <i>Agrobacterium tumefaciens</i>	38
10376 <i>Human herpesvirus 4</i>	38
2238 <i>Haloarcula marismortui</i>	38
11908 <i>Human T-lymphotropic virus 1</i>	36
2287 <i>Sulfolobus solfataricus</i>	35
10760 <i>Enterobacteria phage T7</i>	35

Original

4513 <i>Hordeum vulgare</i>	35
4097 <i>Nicotiana tabacum</i>	34
63363 <i>Aquifex aeolicus</i>	34
5833 <i>Plasmodium falciparum</i>	34
145262 <i>Methanothermobacter thermautotro</i>	34
243274 <i>Thermotoga maritima</i> MSB8	33
9615 <i>Canis lupus familiaris</i>	33
10633 Simian virus 40	32
1895 <i>Streptomyces avidinii</i>	32
10665 <i>Enterobacteria</i> phage T4	32
31647 Hepatitis C virus subtype 1b	31
9534 <i>Chlorocebus aethiops</i>	30
1390 <i>Bacillus amyloliquefaciens</i>	30
187420 <i>Methanothermobacter thermautotro</i>	30
10298 Human herpesvirus 1	30
666 <i>Vibrio cholerae</i>	29
-1 NA	29
1392 <i>Bacillus anthracis</i>	29
10254 <i>Vaccinia virus</i> WR	29
1140 <i>Synechococcus elongatus</i> PCC 794	29
10407 Hepatitis B virus	28
9103 <i>Meleagris gallopavo</i>	27
1313 <i>Streptococcus pneumoniae</i>	26
1314 <i>Streptococcus pyogenes</i>	26
208964 <i>Pseudomonas aeruginosa</i> PAO1	26
573 <i>Klebsiella pneumoniae</i>	25
11309 unidentified influenza virus	25
10515 Human adenovirus 2	24
360111 <i>Campylobacter jejuni</i> subsp. <i>jejuni</i> (24
354242 <i>Campylobacter jejuni</i> subsp. <i>jejuni</i> (23
83541 <i>Mastigocladus laminosus</i>	23
1911 <i>Streptomyces griseus</i>	22
1299 <i>Deinococcus radiodurans</i>	22
37296 Human herpesvirus 8	22
10029 <i>Cricetulus griseus</i>	21
354 <i>Azotobacter vinelandii</i>	21
155892 <i>Caulobacter vibrioides</i>	21
5116 <i>Cryphonectria parasitica</i>	21
83332 <i>Mycobacterium tuberculosis</i> H37Rv	21

Original

11886 Rous sarcoma virus	20
1061 Rhodobacter capsulatus	20
28285 Human adenovirus 5	20
10710 Enterobacteria phage lambda	20
176299 Agrobacterium tumefaciens str. C58	20
12110 Foot-and-mouth disease virus	19
300852 Thermus thermophilus HB8	19
306 Pseudomonas sp.	19
2303 Thermoplasma acidophilum	19
85963 Helicobacter pylori J99	19
12133 NA	19
333760 Human papillomavirus type 16	19
28451 Klebsiella aerogenes	17
1351 Enterococcus faecalis	17
10117 Rattus rattus	16
9796 Equus caballus	16
615 Serratia marcescens	16
520 Bordetella pertussis	16
56636 Aeropyrum pernix	16
70601 Pyrococcus horikoshii OT3	16
632 Yersinia pestis	16
556 Erwinia chrysanthemi	15
9838 Camelus dromedarius	15
4151 Antirrhinum majus	15
5476 Candida albicans	14
12721 Human immunodeficiency virus	14
1502 Clostridium perfringens	14
360110 Campylobacter jejuni subsp. jejuni f	14
1393 Brevibacillus brevis	14
10377 Human herpesvirus 4 (strain B95-8)	14
9598 Pan troglodytes	14
5693 Trypanosoma cruzi	14
99287 Salmonella enterica subsp. enterica	14
283166 Bartonella henselae str. Houston-1	14
3858 Lathyrus ochrus	14
1491 Clostridium botulinum	14
1902 Streptomyces coelicolor	14
1358 Lactococcus lactis	14
11234 Measles virus	13

Original

1079 <i>Blastochloris viridis</i>	13
197221 <i>Thermosynechococcus elongatus</i> E	13
1085 <i>Rhodospirillum rubrum</i>	13
186497 <i>Pyrococcus furiosus</i> DSM 3638	13
10036 <i>Mesocricetus auratus</i>	13
12130 Human rhinovirus 2	13
11276 Vesicular stomatitis virus	13
12215 Potato virus A	13
32644 unidentified	13
7787 <i>Torpedo californica</i>	13
227859 SARS coronavirus	13
13773 <i>Pyrobaculum aerophilum</i>	13
11709 Human immunodeficiency virus 2	12
8616 <i>Bungarus multicinctus</i>	12
11084 Tick-borne encephalitis virus	12
11723 Simian immunodeficiency virus	12
10754 Enterobacteria phage P22	12
11060 Dengue virus 2	12
3823 <i>Canavalia ensiformis</i>	12
31199 <i>Argopecten irradians</i>	12
3847 <i>Glycine max</i>	12
294 <i>Pseudomonas fluorescens</i>	12
11623 Lymphocytic choriomeningitis virus	12
511 <i>Alcaligenes faecalis</i>	11
1639 <i>Listeria monocytogenes</i>	11
10678 Enterobacteria phage P1	11
1916 <i>Streptomyces lividans</i>	11
630 <i>Yersinia enterocolitica</i>	11
1515 <i>Clostridium thermocellum</i>	11
7757 <i>Petromyzon marinus</i>	11
1396 <i>Bacillus cereus</i>	11
3489 <i>Artocarpus heterophyllus</i>	11
10299 Herpes simplex virus (type 1 / strair	11
139 <i>Borrelia burgdorferi</i>	11
5141 <i>Neurospora crassa</i>	11
9940 <i>Ovis aries</i>	11
414 <i>Methylococcus capsulatus</i>	11
224308 <i>Bacillus subtilis</i> subsp. <i>subtilis</i> str. 1	10
1833 <i>Rhodococcus erythropolis</i>	10

Original

11108 Hepatitis C virus (isolate H)	10
601 NA	10
243233 <i>Methylococcus capsulatus</i> str. Bath	10
32053 <i>Thermosynechococcus vulcanus</i>	10
12075 Swine vesicular disease virus	10
5811 <i>Toxoplasma gondii</i>	10
12081 Human poliovirus 1 Mahoney	10
323 <i>Pseudomonas syringae</i> pv. tomato	10
633 <i>Yersinia pseudotuberculosis</i>	10
10581 NA	10
11475 NA	10
1427 <i>Bacillus thermoproteolyticus</i>	9
5664 <i>Leishmania major</i>	9
224325 <i>Archaeoglobus fulgidus</i> DSM 4304	9
7091 <i>Bombyx mori</i>	9
73239 <i>Plasmodium yoelii yoelii</i>	9
1168 <i>Nostoc</i> sp. PCC 7119	9
7224 <i>Drosophila hydei</i>	9
2208 <i>Methanosarcina barkeri</i>	9
4922 <i>Pichia pastoris</i>	9
190386 <i>Agrobacterium tumefaciens</i> (strain .	9
28282 Human adenovirus 12	9
11191 Sendai virus	9
844 <i>Wolinella succinogenes</i>	9
1901 <i>Streptomyces clavuligerus</i>	9
11105 Hepatitis C virus (isolate BK)	9
12637 Dengue virus	9
83334 <i>Escherichia coli</i> O157:H7	9
10891 Reovirus sp.	8
6398 <i>Lumbricus terrestris</i>	8
10847 Enterobacteria phage phiX174	8
4558 <i>Sorghum bicolor</i>	8
317 <i>Pseudomonas syringae</i>	8
2320 <i>Methanopyrus kandleri</i>	8
97228 <i>Daboia russellii pulchella</i>	8
6621 <i>Loligo pealei</i>	8
8656 <i>Naja atra</i>	8
12088 Poliovirus type 3 (strains P3/LEON/	8
238 <i>Elizabethkingia meningoseptica</i>	8

Original

10359 Human herpesvirus 5	8
510 NA	8
1260 Fingoldia magna	8
7153 Chironomus tentans	7
12069 Human coxsackievirus A21	7
5911 Tetrahymena thermophila	7
6500 Aplysia californica	7
1404 Bacillus megaterium	7
8846 Anser indicus	7
9825 Sus scrofa domestica	7
881 Desulfovibrio vulgaris	7
669 Vibrio harveyi	7
12208 Pea seed-borne mosaic virus	7
10684 Bacillus phage PBS2	7
10756 Bacillus phage phi29	7
285 Comamonas testosteroni	7
11599 Hantaan virus	7
11901 Bovine leukemia virus	7
69 Lysobacter enzymogenes	7
227321 Aspergillus nidulans FGSC A4	7
585 Proteus vulgaris	7
1352 Enterococcus faecium	7
36409 Rinderpest virus (strain RBOK)	7
3649 Carica papaya	7
7788 Torpedo marmorata	7
296 Pseudomonas fragi	7
5558 NA	7
158 Treponema denticola	7
132504 Influenza A virus (A/X-31(H3N2))	7
12067 Human coxsackievirus A9	6
3972 Viscum album	6
550 Enterobacter cloacae	6
3712 Brassica oleracea	6
5656 Crithidia fasciculata	6
2285 Sulfolobus acidocaldarius	6
876 Desulfovibrio desulfuricans	6
83374 Galdieria partita	6
1752 Propionibacterium freudenreichii su	6
2166 NA	6

Original

1402 <i>Bacillus licheniformis</i>	6
2286 <i>Sulfolobus shibatae</i>	6
47421 <i>Hydrogenophaga pseudoflava</i>	6
111955 <i>Sulfolobus tokodaii</i>	6
730 <i>Haemophilus ducreyi</i>	6
421877 Hepatitis C virus isolate HC-J1	6
879 <i>Desulfovibrio gigas</i>	6
3885 <i>Phaseolus vulgaris</i>	6
5791 <i>Physarum polycephalum</i>	6
41529 <i>Salmonella enterica</i> subsp. <i>enterica</i>	6
3988 <i>Ricinus communis</i>	6
1167 <i>Anabaena</i> sp.	6
12078 Human echovirus 11	6
2026 <i>Thermoactinomyces vulgaris</i>	6
42897 <i>Shigella flexneri</i> 2a	6
226185 <i>Enterococcus faecalis</i> V583	6
1049 <i>Allochromatium vinosum</i>	6
3457 <i>Dioscoreophyllum cumminsii</i>	6
8724 <i>Bothrops jararaca</i>	6
1131 <i>Synechococcus</i> sp.	6
485 <i>Neisseria gonorrhoeae</i>	6
333284 Hepatitis C virus (isolate Con1)	6
12084 Poliovirus type 2 (strain Lansing)	6
10658 <i>Enterobacteria</i> phage PRD1	6
5702 <i>Trypanosoma brucei</i> <i>brucei</i>	6
487 <i>Neisseria meningitidis</i>	6
44130 Human rhinovirus 3	6
12064 Bovine enterovirus	6
333761 Human papillomavirus type 18	6
1525 <i>Moorella thermoacetica</i>	6
3708 <i>Brassica napus</i>	6
10804 Adeno-associated virus - 2	6
10884 Mammalian orthoreovirus 1 Lang	6
408 <i>Methylobacterium extorquens</i>	6
46633 Human echovirus 1	6
8839 <i>Anas platyrhynchos</i>	6
10360 Human herpesvirus 5 strain AD169	6
11698 Human immunodeficiency virus type 1	5
162425 <i>Emericella nidulans</i>	5

Original

5482 <i>Candida tropicalis</i>	5
554 <i>Pectobacterium carotovorum</i>	5
5061 <i>Aspergillus niger</i>	5
11113 Hepatitis C virus isolate HC-J6	5
211586 <i>Shewanella oneidensis</i> MR-1	5
878 <i>Desulfovibrio fructosovorans</i>	5
1501 <i>Clostridium pasteurianum</i>	5
1282 <i>Staphylococcus epidermidis</i>	5
10243 Cowpox virus	5
360108 <i>Campylobacter jejuni</i> subsp. <i>jejuni</i> 2	5
11489 NA	5
55676 <i>Oligobrachia mashikoi</i>	5
10624 Polyomavirus	5
5665 <i>Leishmania mexicana</i>	5
1156 NA	5
112509 <i>Hordeum vulgare</i> subsp. <i>vulgare</i>	5
1866 <i>Actinoplanes missouriensis</i>	5
12126 Theiler's encephalomyelitis virus (S	5
10626 Hamster polyomavirus	5
6253 <i>Ascaris suum</i>	5
622 <i>Shigella dysenteriae</i>	5
47881 <i>Pseudomonas pavonaceae</i>	5
69488 <i>Penicillium simplicissimum</i>	5
11673 Feline immunodeficiency virus	5
103690 <i>Nostoc</i> sp. PCC 7120	5
31159 <i>Daboia russellii russellii</i>	5
571 <i>Klebsiella oxytoca</i>	5
129875 Human adenovirus A	5
1772 <i>Mycobacterium smegmatis</i>	5
195058 <i>Naja sagittifera</i>	5
1050 <i>Thermochromatium tepidum</i>	5
7111 <i>Trichoplusia ni</i>	5
11678 Human immunodeficiency virus type	5
216593 NA	5
1306 <i>Streptococcus</i> sp.	5
115711 <i>Chlamydomonas pneumoniae</i> AR39	5
2265 <i>Thermococcus litoralis</i>	5
12134 Human rhinovirus 1A	5
28901 <i>Salmonella enterica</i>	5

Original

905 Acidaminococcus fermentans	5
86665 Bacillus halodurans	5
293 Brevundimonas diminuta	5
11610 Seoul virus SR11	5
59405 Thauera aromatica	5
5722 Trichomonas vaginalis	5
10879 Pseudomonas phage phi6	5
103944 Protobothrops mucrosquamatus	5
847 Oxalobacter formigenes	5
8766 NA	5
5855 Plasmodium vivax	5
1831 Rhodococcus sp.	5
11033 Semliki forest virus	5
1143 Synechocystis sp.	5
1720 Corynebacterium sp.	5
3661 Cucurbita maxima	4
65404 Polysiphonia urceolata	4
12243 Tobacco mosaic virus (vulgare)	4
6707 Homarus gammarus	4
2242 Halobacterium salinarum	4
11855 Mason-Pfizer monkey virus	4
1312 NA	4
29292 Pyrococcus abyssi	4
4843 Rhizopus microsporus var. chinensi	4
1836 Saccharopolyspora erythraea	4
4100 Nicotiana benthamiana	4
8022 Oncorhynchus mykiss	4
3879 Medicago sativa	4
12072 Human coxsackievirus B3	4
1582 Lactobacillus casei	4
3329 Picea abies	4
12124 Theiler's encephalomyelitis virus	4
1665 Arthrobacter globiformis	4
11082 West Nile virus	4
7067 Tenebrio molitor	4
8030 Salmo salar	4
10030 Cricetulus longicaudatus	4
275 Thermus sp.	4
11720 Human immunodeficiency virus type 1	4

Original

3677 <i>Trichosanthes kirilowii</i>	4
10559 Bovine papillomavirus type 1	4
30591 <i>Aotus azarai</i>	4
10849 Enterobacteria phage alpha3	4
8618 <i>Dendroaspis angusticeps</i>	4
5507 <i>Fusarium oxysporum</i>	4
17 <i>Methylophilus methylotrophus</i>	4
1098 <i>Prosthecochloris vibrioformis</i>	4
13037 <i>Danaus plexippus</i>	4
6426 <i>Riftia pachyptila</i>	4
1409 <i>Bacillus</i> sp.	4
6108 <i>Anemonia sulcata</i>	4
40137 <i>Oligotropha carboxidovorans</i>	4
10381 Saimiriine herpesvirus 2	4
36307 <i>Deinagkistrodon acutus</i>	4
2787 <i>Porphyra purpurea</i>	4
226186 <i>Bacteroides thetaiotaomicron</i> VPI-5	4
79257 <i>Rhodomonas</i> sp. CS24	4
1894 <i>Streptomyces aureofaciens</i>	4
2262 <i>Pyrococcus woesei</i>	4
818 <i>Bacteroides thetaiotaomicron</i>	4
2334 <i>Bacillus</i> sp. PS3	4
33067 <i>Pseudomonas</i> sp. 101	4
10991 Rice dwarf virus	4
144556 NA	4
542 <i>Zymomonas mobilis</i>	4
226900 <i>Bacillus cereus</i> ATCC 14579	4
203119 <i>Clostridium thermocellum</i> ATCC 27	4
8730 <i>Crotalus atrox</i>	4
12227 Tobacco etch virus	4
381666 <i>Ralstonia eutropha</i> H16	4
1590 <i>Lactobacillus plantarum</i>	4
6183 <i>Schistosoma mansoni</i>	4
6945 <i>Ixodes scapularis</i>	4
46015 <i>Autographa californica</i> nucleopolyh	4
12591 NA	4
28985 <i>Kluyveromyces lactis</i>	4
88087 <i>Trimeresurus flavoviridis</i>	4
546 <i>Citrobacter freundii</i>	4

Original

1074 Rhodoblastus acidophilus	4
1309 Streptococcus mutans	4
1591 Lactobacillus sp.	4
11696 HIV-1 M:B_MN	4
915 Nitrosomonas europaea	4
3916 Vigna radiata var. radiata	4
10506 Paramecium bursaria Chlorella viru:	4
148305 Magnaporthe grisea	4
8692 Bitis arietans	4
1076 Rhodopseudomonas palustris	4
272562 Clostridium acetobutylicum ATCC 8	4
1311 Streptococcus agalactiae	4
10583 Human papillomavirus type 1a	4
89020 Mustelus griseus	3
5861 Plasmodium yoelii	3
11034 Sindbis virus	3
10585 Human papillomavirus type 31	3
93050 Echis multisquamatus	3
1905 Streptomyces exfoliatus	3
426 Methylosinus trichosporium	3
8843 Anser anser	3
10366 Murid herpesvirus 1	3
100673 Influenza C virus (C/Johannesburg/	3
11241 Rinderpest virus	3
11706 HIV-1 M:B_HXB2R	3
12253 Tomato mosaic virus	3
10141 Cavia porcellus	3
15957 Phleum pratense	3
1083 Phaeosporidium molischianum	3
272943 Rhodobacter sphaeroides 2.4.1	3
68728 Chrysocyon brachyurus	3
12353 Enterobacteria phage RB69	3
173 Leptospira interrogans	3
10843 Enterobacteria phage G4	3
121791 Nipah virus	3
11665 Equine infectious anemia virus	3
72579 Bacillus sp. YM-1	3
133899 NA	3
35816 Pelobacter acidigallici	3

Original

2180 Methanothermus fervidus	3
11246 Bovine respiratory syncytial virus	3
2502 Plasmid RK2	3
12258 Comovirus	3
5945 NA	3
6523 Lymnaea stagnalis	3
5062 Aspergillus oryzae	3
10923 Simian rotavirus A/SA11	3
6419 Hirudinaria manillensis	3
35889 Nicotiana glutinosa	3
518 Bordetella bronchiseptica	3
11250 Human respiratory syncytial virus	3
9544 Macaca mulatta	3
1406 Paenibacillus polymyxa	3
316 Pseudomonas stutzeri	3
3818 Arachis hypogaea	3
1320 Streptococcus sp. 'group G'	3
10315 Human herpesvirus 2 strain HG52	3
1667 Arthrobacter sp.	3
8053 Gadus callarias	3
62977 Acinetobacter sp. ADP1	3
12161 Beet yellows virus	3
102746 Hieracium piloselloides	3
1765 Mycobacterium bovis	3
11268 NA	3
42003 Griffithsia monilis	3
51453 Hypocrea jecorina	3
9597 Pan paniscus	3
263374 Bordetella phage BMP-1	3
10249 Vaccinia virus Copenhagen	3
6100 Aequorea victoria	3
12475 Hepatitis delta virus	3
5076 Penicillium chrysogenum	3
82367 Paracoccus pantotrophus	3
10632 JC polyomavirus	3
7102 Heliothis virescens	3
1769 Mycobacterium leprae	3
37137 Simian rotavirus A/SA11-both	3
2775 Gracilaria chilensis	3

Original

362651 Human immunodeficiency virus type 1	3
10566 Human papillomavirus	3
34 Myxococcus xanthus	3
45659 Human adenovirus 3	3
817 Bacteroides fragilis	3
1108 Chloroflexus aurantiacus	3
10326 Equid herpesvirus 1	3
10864 Enterobacteria phage fd	3
11149 Transmissible gastroenteritis virus	3
2327 Methylophilus methylotrophus W3A	3
8167 Perca flavescens	3
73841 Vipera ammodytes meridionalis	3
1394 Bacillus caldolyticus	3
5821 Plasmodium berghei	3
103782 Pariacato virus	3
4076 Datura stramonium	3
1587 Lactobacillus helveticus	3
158879 Staphylococcus aureus subsp. aureus	3
9874 Odocoileus virginianus	3
1474 Sporosarcina pasteurii	3
253435 SARS coronavirus PUMC03	3
3906 Vicia faba	3
2209 Methanosarcina mazei	3
10279 Molluscum contagiosum virus	3
1421 Lysinibacillus sphaericus	3
92520 NA	3
10872 Pseudomonas phage Pf3	3
11685 HIV-1 M:B_ARV2/SF2	3
8212 NA	3
1197 Fremyella diplosiphon	3
2104 Mycoplasma pneumoniae	3
2210 Methanosarcina thermophila	3
4084 Solanum pimpinellifolium	3
1307 Streptococcus suis	3
10794 Minute virus of mice	3
3490 Artocarpus integer	3
8732 Crotalus durissus terrificus	3
9925 Capra hircus	3
4498 Avena sativa	3

Original

1488 <i>Clostridium acetobutylicum</i>	3
1717 <i>Corynebacterium diphtheriae</i>	3
8237 <i>Thunnus thynnus</i>	3
48465 <i>Prostheco bacter de jongei</i>	3
257313 <i>Bordetella pertussis</i> Tohama I	3
4682 <i>Allium sativum</i>	3
13689 <i>Sphingomonas paucimobilis</i>	3
33708 Murid herpesvirus 4	3
37554 <i>Enterobacteria phage HK97</i>	3
272558 <i>Bacillus halodurans</i> C-125	3
10582 NA	3
92694 <i>Rhodococcus</i> sp. NCIMB12038	3
119072 <i>Thermoanaerobacter tengcongensis</i>	3
243230 <i>Deinococcus radiodurans</i> R1	3
1354 <i>Enterococcus hirae</i>	3
5724 <i>Tritrichomonas foetus</i>	3
36436 Simian rotavirus A/SA11-4F	3
11216 Human parainfluenza virus 3	3
345076 <i>Vibrio cholerae</i> V52	3
2111 <i>Mycoplasma arthritis</i>	3
3711 <i>Brassica rapa</i>	3
1593 <i>Lactobacillus</i> sp. 30A	3
873 <i>Desulfovibrio africanus</i>	3
243232 <i>Methanocaldococcus jannaschii</i> DS	3
3864 <i>Lens culinaris</i>	3
12145 Tomato bushy stunt virus	3
71421 <i>Haemophilus influenzae</i> Rd KW20	3
1494 <i>Clostridium cochlearium</i>	3
35730 <i>Trematomus newnesi</i>	3
8364 <i>Xenopus (Silurana) tropicalis</i>	2
920 <i>Acidithiobacillus ferrooxidans</i>	2
9490 <i>Saguinus oedipus</i>	2
348776 <i>Mycobacterium tuberculosis</i> C	2
1553 <i>Clostridium tetanomorphum</i>	2
10712 Phage 434	2
8705 <i>Vipera ammodytes ammodytes</i>	2
54914 <i>Brevibacillus parabrevis</i>	2
5059 <i>Aspergillus flavus</i>	2
10832 Tomato yellow leaf curl virus	2

Original

7010 Schistocerca gregaria	2
180454 Anopheles gambiae str. PEST	2
11641 Human foamy virus	2
3505 Betula pendula	2
12147 Tomato bushy stunt virus (STRAIN	2
1360 Lactococcus lactis subsp. lactis	2
12643 Ectromelia virus	2
5270 Ustilago maydis	2
1498 Clostridium histolyticum	2
132961 Bungarus caeruleus	2
1956 Streptomyces diastaticus	2
36773 Burkholderia sp.	2
512 Alcaligenes sp.	2
40690 Trematomus bernacchii	2
224324 Aquifex aeolicus VF5	2
3663 Cucurbita pepo	2
3981 Hevea brasiliensis	2
65406 Pseudomonas sp. 7A	2
10530 Murine adenovirus 1	2
89476 NA	2
1580 Lactobacillus brevis	2
30077 Triatoma pallidipennis	2
109171 Pachyrhizus erosus	2
305 Ralstonia solanacearum	2
150147 NA	2
11484 Influenza A virus (A/whale/Maine/1/	2
228407 SARS coronavirus BJ01	2
55084 Pandinus imperator	2
81759 Hyacinthoides hispanica	2
1428 Bacillus thuringiensis	2
1642 Listeria innocua	2
350 Zoogloea ramigera	2
11077 Kunjin virus	2
3527 Phytolacca americana	2
5271 Ustilago sphaerogena	2
29303 Streptomyces cattleya	2
7159 Aedes aegypti	2
3673 Momordica charantia	2
50339 Thermoplasma volcanium	2

Original

927 <i>Halothiobacillus neapolitanus</i>	2
262338 SARS coronavirus GD03T0013	2
77133 uncultured bacterium	2
10724 <i>Bacillus</i> phage SPP1	2
1848 <i>Pseudonocardia thermophila</i>	2
155077 <i>Cellvibrio japonicus</i>	2
7668 <i>Strongylocentrotus purpuratus</i>	2
198214 <i>Shigella flexneri</i> 2a str. 301	2
69000 <i>Bacillus</i> sp. B-0618	2
12371 Phage h30	2
10310 Human herpesvirus 2	2
122586 <i>Neisseria meningitidis</i> MC58	2
47519 <i>Calystegia sepium</i>	2
12154 Turnip yellow mosaic virus	2
7165 <i>Anopheles gambiae</i>	2
2743 <i>Marinobacter hydrocarbonoclasticus</i>	2
224326 <i>Borrelia burgdorferi</i> B31	2
51336 Cabbage leaf curl virus	2
4905 <i>Pichia angusta</i>	2
90371 <i>Salmonella enterica</i> subsp. <i>enterica</i>	2
6087 <i>Hydra vulgaris</i>	2
11053 Dengue virus 1	2
6526 <i>Biomphalaria glabrata</i>	2
2257 <i>Natronomonas pharaonis</i>	2
11520 Influenza B virus	2
45441 <i>Enterobacteria</i> phage L	2
11876 Avian sarcoma virus	2
8717 <i>Calloselasma rhodostoma</i>	2
1097 <i>Chlorobaculum tepidum</i>	2
273057 <i>Sulfolobus solfataricus</i> P2	2
69014 <i>Thermococcus kodakarensis</i> KOD1	2
5072 NA	2
5689 <i>Leishmania tarentolae</i>	2
31708 Human rhinovirus 16	2
123217 <i>Anopheles cracens</i>	2
5306 <i>Phanerochaete chrysosporium</i>	2
5807 <i>Cryptosporidium parvum</i>	2
2188 <i>Methanococcus voltae</i>	2
194439 <i>Chlorobium tepidum</i> TLS	2

Original

3679	<i>Ecballium elaterium</i>	2
4906	<i>Williopsis saturnus</i>	2
6550	<i>Mytilus edulis</i>	2
198628	<i>Erwinia chrysanthemi</i> str. 3937	2
11885	Fujinami sarcoma virus	2
1324	<i>Streptococcus</i> sp. G148	2
6279	<i>Brugia malayi</i>	2
11088	Tick-borne encephalitis virus (WES)	2
11138	Murine hepatitis virus	2
47914	<i>Brevibacterium fuscum</i>	2
12022	<i>Enterobacterio</i> phage MS2	2
244589	<i>Sulfolobus</i> virus 1	2
280	<i>Xanthobacter autotrophicus</i>	2
529	<i>Ochrobactrum anthropi</i>	2
194699	<i>Bordetella</i> phage BPP-1	2
670	<i>Vibrio parahaemolyticus</i>	2
8631	<i>Laticauda semifasciata</i>	2
12080	Human poliovirus 1	2
1301	<i>Streptococcus</i>	2
12285	Black beetle virus	2
5514	<i>Fusarium sporotrichioides</i>	2
319	<i>Pseudomonas syringae</i> pv. phaseo	2
11063	Dengue virus 2 Malaysia M3	2
158878	<i>Staphylococcus aureus</i> subsp. aure	2
198803	<i>Bacillus</i> sp. MN-32	2
12131	Human rhinovirus 14	2
28875	Rotavirus A	2
223	<i>Achromobacter cycloclastes</i>	2
375	<i>Bradyrhizobium japonicum</i>	2
11089	Yellow fever virus	2
7108	<i>Spodoptera frugiperda</i>	2
12023	<i>Pseudomonas</i> phage PP7	2
322710	<i>Azotobacter vinelandii</i> DJ	2
10685	<i>Bacillus</i> phage SPO1	2
11741	Visna/Maedi virus	2
10258	Orf virus	2
91753	Cucurbit aphid-borne yellows virus	2
11065	Dengue virus 2 Thailand/NGS-C/19	2
3488	<i>Artocarpus</i>	2

Original

3840 <i>Vigna unguiculata</i> subsp. <i>cylindrica</i>	2
1338 <i>Streptococcus intermedius</i>	2
5085 <i>Aspergillus fumigatus</i>	2
10634 Murine polyomavirus	2
31958 <i>Amycolatopsis orientalis</i>	2
129910 <i>Arthrospira maxima</i>	2
1929 <i>Streptomyces rubiginosus</i>	2
381 <i>Mesorhizobium loti</i>	2
11176 Newcastle disease virus	2
8175 <i>Sparus aurata</i>	2
899 <i>Desulfomicrobium baculatum</i>	2
12042 Beet western yellows virus	2
10384 Herpesvirus <i>saimiri</i> (strain 488)	2
5341 <i>Agaricus bisporus</i>	2
1520 <i>Clostridium beijerinckii</i>	2
6436 <i>Themiste dyscritum</i>	2
12288 <i>Nodamura virus</i>	2
10580 Human papillomavirus type 11	2
6182 <i>Schistosoma japonicum</i>	2
6938 <i>Ornithodoros moubata</i>	2
171101 <i>Streptococcus pneumoniae</i> R6	2
11604 Puumala virus	2
3843 <i>Erythrina corallodendron</i>	2
1139 NA	2
83331 <i>Mycobacterium tuberculosis</i> CDC15	2
1697 <i>Corynebacterium ammoniagenes</i>	2
32002 <i>Achromobacter denitrificans</i>	2
235 <i>Brucella abortus</i>	2
1931 <i>Streptomyces</i> sp.	2
382 <i>Sinorhizobium meliloti</i>	2
217992 <i>Escherichia coli</i> O6	2
48386 <i>Perilla frutescens</i>	2
10995 Infectious bursal disease virus	2
6437 <i>Themiste zostericola</i>	2
3704 <i>Armoracia rusticana</i>	2
9675 <i>Paguma larvata</i>	2
272557 <i>Aeropyrum pernix</i> K1	2
12302 Brome mosaic virus	2
79676 <i>Pseudomonas</i> sp. CF600	2

Original

2271 Thermoproteus tenax	2
12136 Cricket paralysis virus	2
5138 NA	2
130308 Human adenovirus E	2
394 Rhizobium sp. NGR234	2
11207 Simian virus 5	2
40353 Echis carinatus	2
644 Aeromonas hydrophila	2
64574 Radiomyces spectabilis	2
1245 Leuconostoc mesenteroides	2
1398 Bacillus coagulans	2
1829 Rhodococcus rhodochrous	2
6442 Phascolopsis gouldii	2
196620 Staphylococcus aureus subsp. aure	2
9685 Felis catus	2
4087 Nicotiana alata	2
67825 Citrobacter rodentium	2
337 Burkholderia glumae	2
11070 Dengue virus 4	2
6703 Pandalus borealis	2
11983 Norwalk virus	2
1718 Corynebacterium glutamicum	2
6359 Platynereis dumerilii	2
7130 Manduca sexta	2
223283 Pseudomonas syringae pv. tomato	2
12066 Coxsackievirus	2
258594 Rhodopseudomonas palustris CGA	2
4754 Pneumocystis carinii	2
5386 Xeroconomus chrysenteron	2
715 Actinobacillus pleuropneumoniae	2
11801 Moloney murine leukemia virus	2
227984 SARS coronavirus Tor2	2
12107 Mengo virus	2
67831 Rhipicephalus bursa	2
28450 Burkholderia pseudomallei	2
6192 Fasciola hepatica	2
119602 Streptococcus dysgalactiae subsp.	2
11072 Japanese encephalitis virus	2
7004 Locusta migratoria	2

Original

2280 <i>Staphylothermus marinus</i>	2
210007 <i>Streptococcus mutans</i> UA159	2
29170 <i>Ancylostoma caninum</i>	2
2130 <i>Ureaplasma urealyticum</i>	1
36659 <i>Volvarella volvacea</i>	1
7141 <i>Choristoneura fumiferana</i>	1
192168 <i>Arthrobacter</i> sp. C2-2	1
2465 Plasmid F	1
658 <i>Photobacterium leiognathi</i> subsp. le	1
49817 <i>Erythrina crista-galli</i>	1
260674 <i>Citrullus lanatus</i> subsp. <i>vulgaris</i>	1
1270 <i>Micrococcus luteus</i>	1
4839 <i>Rhizomucor miehei</i>	1
76854 <i>Shewanella massilia</i>	1
1400 <i>Bacillus intermedius</i>	1
13818 <i>Adiantum capillus-veneris</i>	1
29549 <i>Rhodothermus marinus</i>	1
108619 <i>Salmonella enterica</i> subsp. <i>enterica</i>	1
33900 <i>Streptomyces murinus</i>	1
6456 <i>Haliotis fulgens</i>	1
148603 <i>Mycobacterium phage Bxb1</i>	1
37682 <i>Aegilops tauschii</i>	1
11480 NA	1
7389 <i>Hypoderma lineatum</i>	1
196914 <i>Actinoplanes friuliensis</i>	1
3120 <i>Ulva pertusa</i>	1
44822 <i>Microcystis viridis</i>	1
726 <i>Haemophilus haemolyticus</i>	1
228330 SARS coronavirus Urbani	1
9793 <i>Equus asinus</i>	1
272626 <i>Listeria innocua</i> Clip11262	1
68170 <i>Lechevalieria aerocolonigenes</i>	1
12315 Tomato aspermy virus	1
10304 Herpes simplex virus (type 1 / strair)	1
392809 Influenza A virus (A/Victoria/3/1975)	1
80866 <i>Delftia acidovorans</i>	1
31645 Hepatitis C virus (isolate Taiwan)	1
6206 <i>Taenia saginata</i>	1
119856 <i>Francisella tularensis</i> subsp. <i>tularer</i>	1

Original

34649 Mesobuthus martensii	1
346 Xanthomonas citri	1
11073 Japanese encephalitis virus strain 5	1
39682 Viridovipera stejnegeri	1
7962 Cyprinus carpio	1
211044 Influenza A virus (A/Puerto Rico/8/3	1
46758 Lobophyllia hemprichii	1
11988 Turnip crinkle virus	1
3873 Lupinus luteus	1
61172 Laguna Negra virus	1
1147 Synechocystis sp. PCC 6714	1
300269 Shigella sonnei Ss046	1
72539 Physalis mottle virus	1
5755 Acanthamoeba castellanii	1
273 NA	1
35806 Rhodovulum sulfidophilum	1
192222 Campylobacter jejuni subsp. jejuni f	1
2489 Plasmid R483	1
659 Photobacterium phosphoreum	1
8400 Rana catesbeiana	1
49899 Thermococcus profundus	1
921 Starkeya novella	1
261594 Bacillus anthracis str. 'Ames Ancest	1
76935 Bacillus agaradhaerens	1
10715 Staphylococcus phage 42D.m	1
33903 Streptomyces avermitilis	1
11036 Venezuelan equine encephalitis viru	1
6715 Astacus astacus	1
163106 NA	1
2243 Halobacterium sp.	1
37734 Enterococcus casseliflavus	1
7460 Apis mellifera	1
3316 Thuja plicata	1
45151 Pyrenophora tritici-repentis	1
11863 Avian erythroblastosis virus (strain f	1
8708 NA	1
3750 Malus x domestica	1
12118 Foot-and-mouth disease virus - type	1
10308 Herpes simplex virus (type 1 / strair	1

Original

416870	<i>Lactococcus lactis</i> subsp. <i>cremoris</i>	1
28502	<i>Amaranthus hypochondriacus</i>	1
10623	Cottontail rabbit papillomavirus	1
93061	<i>Staphylococcus aureus</i> subsp. <i>aure</i>	1
31646	Hepatitis C virus subtype 1a	1
6238	<i>Caenorhabditis briggsae</i>	1
34864	NA	1
435	<i>Acetobacter acetii</i>	1
7038	<i>Bemisia tabaci</i>	1
182271	<i>Pterocarpus angolensis</i>	1
39946	<i>Oryza sativa</i> Indica Group	1
12009	NA	1
8844	<i>Anser anser anser</i>	1
61861	<i>Canavalia brasiliensis</i>	1
12149	Belladonna mottle virus	1
4550	<i>Secale cereale</i>	1
1388	<i>Alicyclobacillus acidocaldarius</i> subs	1
10369	Human herpesvirus 6 (strain GS)	1
10679	Enterobacteria phage P2	1
5759	<i>Entamoeba histolytica</i>	1
101510	<i>Rhodococcus jostii</i> RHA1	1
1760	Actinobacteria (class)	1
32059	<i>Phormidium laminosum</i>	1
10896	NA	1
6410	<i>Haementeria officinalis</i>	1
1963	<i>Streptomyces olivochromogenes</i>	1
37114	Human papillomavirus type 55	1
515	NA	1
192387	<i>Alicyclobacillus sendaiensis</i>	1
40979	Cocksfoot mottle virus	1
8403	<i>Rana perezi</i>	1
9541	<i>Macaca fascicularis</i>	1
3983	<i>Manihot esculenta</i>	1
65553	<i>Sulfurospirillum deleyianum</i>	1
18101	<i>Gerbera hybrid</i> cultivar	1
10533	Human adenovirus 1	1
5499	<i>Passalora fulva</i>	1
90370	<i>Salmonella enterica</i> subsp. <i>enterica</i>	1
30308	<i>Ichthyomyzon unicuspis</i>	1

Original

33931 <i>Bacillus caldovelox</i>	1
11047 Equine arteritis virus	1
6717 <i>Pontastacus leptodactylus</i>	1
163653 NA	1
2246 <i>Haloferax volcanii</i>	1
37762 <i>Escherichia coli</i> B	1
45332 Prevothella phage phi AR29	1
11873 Avian musculoaponeurotic fibrosarc	1
8714 <i>Gloydus halys</i>	1
228410 <i>Nitrosomonas europaea</i> ATCC 197	1
3816 <i>Abrus precatorius</i>	1
81841 <i>Pseudomonas</i> sp. 130	1
1434 <i>Bacillus thuringiensis</i> serovar berlin	1
28503 <i>Sambucus ebulus</i>	1
93934 <i>Coturnix japonica</i>	1
188 <i>Magnetospirillum magnetotacticum</i>	1
1914 <i>Streptomyces lavendulae</i>	1
35170 <i>Corallina officinalis</i>	1
438 <i>Acetobacter pasteurianus</i>	1
11122 Avian infectious bronchitis virus (str	1
185447 <i>Parkia platycephala</i>	1
11666 Equine infectious anemia virus (CLC	1
212017 <i>Lethocerus indicus</i>	1
3559 <i>Chenopodium album</i>	1
12017 Enterobacteria phage fr	1
243277 <i>Vibrio cholerae</i> O1 biovar El Tor str	1
62887 <i>Gliocladium</i>	1
301447 <i>Streptococcus pyogenes</i> serotype M	1
73044 <i>Streptomyces seoulensis</i>	1
12814 Respiratory syncytial virus	1
10370 Human herpesvirus 6 (strain Ugand	1
5286 <i>Rhodospiridium toruloides</i>	1
85232 <i>Morus nigra</i>	1
29309 <i>Streptomyces verticillus</i>	1
10680 Enterobacteria phage P4	1
102203 <i>Favia fava</i>	1
1763 <i>Mycobacterium</i>	1
32060 <i>Phormidium lapideum</i>	1
134821 <i>Ureaplasma parvum</i>	1

Original

2017 Streptoalloteichus hindustanus	1
2186 Methanothermococcus thermolithot	1
37122 Human papillomavirus type 6a	1
192952 Methanosarcina mazei Go1	1
668 Vibrio fischeri	1
940 Hydrogenobacter thermophilus	1
262724 Thermus thermophilus HB27	1
65699 Neisseria meningitidis serogroup A	1
1288 Staphylococcus xylosus	1
12260 Bean pod mottle virus	1
77763 Banna virus	1
28039 Lactobacillus leichmannii	1
5501 Coccidioides immitis	1
1583 Weissella confusa	1
10726 Enterobacteria phage T5	1
33950 Thermoanaerobacterium thermosul	1
6728 Procambarus clarkii	1
167644 Ilyobacter tartaricus	1
37919 Rhodococcus opacus	1
7719 Ciona intestinalis	1
198215 Shigella flexneri 2a str. 2457T	1
3349 Pinus sylvestris	1
781 Rickettsia conorii	1
229992 SARS coronavirus Frankfurt 1	1
55810 Bulinus truncatus	1
12391 NA	1
435895 Human herpesvirus 8 type M	1
82300 Adeno-associated virus - 5	1
1445 Bacillus alcalophilus	1
28572 Penicillium funiculosum	1
95649 Bothrops neuwiedi pauloensis	1
35304 Bunyamwera virus	1
442 Gluconobacter oxydans	1
11128 Bovine coronavirus	1
40001 Cellulomonas sp.	1
11670 Equine infectious anemia virus (CLC	1
213804 Janthinobacterium sp. J3	1
12018 Enterobacteria phage GA	1
8932 Columba livia	1

Original

243365 Chromobacterium violaceum ATCC	1
301887 Echinophyllia sp. SC22	1
12879 NA	1
85698 Achromobacter xylosoxidans	1
1511 Clostridium sticklandii	1
29323 Thermoanaerobacter brockii	1
10683 Bacillus phage PBS1	1
32536 Acinonyx jubatus	1
276 Thermus filiformis	1
10924 NA	1
137208 NA	1
2021 Thermobifida fusca	1
35933 Podophyllum peltatum	1
37133 Tula virus	1
7168 Anopheles dirus	1
2771 Cyanidium caldarium	1
224914 Brucella melitensis 16M	1
964 Herbaspirillum seropedicae	1
4043 Petroselinum crispum	1
66188 Micropechis ikaheka	1
12264 Cowpea mosaic virus	1
78245 Xanthobacter autotrophicus Py2	1
1408 Bacillus pumilus	1
28068 Rubrivivax gelatinosus	1
10560 Bovine papillomavirus type 2	1
90973 Bacillus sp. TA2.A1	1
1584 Lactobacillus delbrueckii	1
30608 Microcebus murinus	1
113192 Bothrops pirajai	1
1883 Streptomyces	1
33953 Clostridium aminobutyricum	1
157732 Rhodococcus sp. NCIMB 9784	1
6772 Celuca pugilator	1
167804 Dipsochelys dussumieri	1
2260 Pyrococcus	1
38437 NA	1
563 Escherichia blattae	1
11525 Influenza B virus (STRAIN B/BEIJIN)	1
7723 Polyandrocarpa misakiensis	1

Original

3352 Pinus taeda	1
45596 Candida tenuis	1
813 Chlamydia trachomatis	1
8722 Bothrops asper	1
230105 Methylophaga aminisulfivorans	1
273063 Sulfolobus tokodaii str. 7	1
4120 Ipomoea batatas	1
10324 Bovine herpesvirus type 1.1 (strain	1
437607 Influenza A virus (A/hvPR8/34(H1N	1
1449 Amphibacillus xylanus	1
28737 Elephantulus edwardii	1
96471 Bacillus sp. YM55-1	1
1669 Arthrobacter sp. NRRL B3728	1
31744 Rice yellow mottle virus	1
10863 Enterobacteria phage f1	1
129555 Amphitrite ornata	1
1921 Streptomyces olivaceoviridis	1
35345 Lactococcus phage TP901-1	1
361 Agrobacterium sp.	1
471 Acinetobacter calcoaceticus	1
186538 Zaire ebolavirus	1
40051 Bluetongue virus	1
8090 Oryzias latipes	1
214092 Yersinia pestis CO92	1
3567 Amaranthus caudatus	1
883 Desulfovibrio vulgaris str. 'Miyazaki	1
9030 Gallus	1
3891 Psophocarpus tetragonolobus	1
63330 Hendra virus	1
306263 Campylobacter lari RM2100	1
73475 Chicken anemia virus Cuxhaven-1/(1
5319 Irpex lacteus	1
1512 Clostridium symbiosum	1
29342 Clostridium botulinum D phage	1
10927 Bovine rotavirus	1
140437 Streptomyces sp. R1128	1
35936 Lablab purpureus	1
11733 Simian immunodeficiency virus (MM	1
3691 Populus nigra	1

Original

52853	<i>Silene latifolia</i> subsp. <i>alba</i>	1
266835	<i>Mesorhizobium loti</i> MAFF303099	1
4072	<i>Capsicum annuum</i>	1
66431	<i>Streptomyces thioluteus</i>	1
4920	<i>Pichia farinosa</i>	1
78447	<i>Corallina pilulifera</i>	1
28081	<i>Bordetella</i> sp.	1
91201	<i>Gastrodia elata</i>	1
1585	<i>Lactobacillus delbrueckii</i> subsp. <i>bul</i>	1
113636	<i>Populus tremula</i>	1
1887	<i>Streptomyces albogriseolus</i>	1
34007	<i>Paracoccus versutus</i>	1
6561	<i>Scapharca inaequivalvis</i>	1
6853	<i>Tachypleus tridentatus</i>	1
168807	<i>Escherichia coli</i> O127:H6	1
38577	<i>Bufo arenarum</i>	1
11531	Influenza B virus (STRAIN B/HONG	1
7748	<i>Lampetra fluviatilis</i>	1
230624	<i>Trametes ochracea</i>	1
3837	<i>Dioclea grandiflora</i>	1
56812	<i>Shewanella frigidimarina</i>	1
9844	<i>Lama glama</i>	1
273075	<i>Thermoplasma acidophilum</i> DSM 1	1
70174	NA	1
1334	<i>Streptococcus dysgalactiae</i>	1
12538	Mokola virus	1
542959	BPP-1-like phages	1
5079	<i>Penicillium janthinellum</i>	1
82835	NA	1
1467	<i>Bacillus lentus</i>	1
1679	<i>Bifidobacterium longum</i> subsp. <i>long</i>	1
31902	<i>Dasyatis akajei</i>	1
6282	<i>Onchocerca volvulus</i>	1
1924	<i>Streptomyces purpurascens</i>	1
35621	<i>Streptomyces mobaraensis</i>	1
476	<i>Moraxella bovis</i>	1
216371	<i>Penicillium stoloniferum</i> virus S	1
3570	<i>Dianthus caryophyllus</i>	1
47935	Mouse polyomavirus (strain p16 sm	1

Original

887 NA	1
3902 <i>Ulex europaeus</i>	1
1172 <i>Anabaena variabilis</i>	1
4615 <i>Ananas comosus</i>	1
13249 <i>Rhodnius prolixus</i>	1
5322 <i>Pleurotus ostreatus</i>	1
29388 <i>Staphylococcus capitis</i>	1
10969 Rhesus rotavirus	1
6431 <i>Urechis caupo</i>	1
144185 <i>Leifsonia aquatica</i>	1
2045 <i>Pimelobacter simplex</i>	1
536 <i>Chromobacterium violaceum</i>	1
11277 Vesicular stomatitis Indiana virus	1
7225 <i>Scaptodrosophila lebanonensis</i>	1
43306 <i>Pseudomonas denitrificans</i>	1
672 <i>Vibrio vulnificus</i>	1
8644 <i>Naja mossambica</i>	1
3693 <i>Populus tremuloides</i>	1
52861 <i>Tabernaemontana divaricata</i>	1
269084 <i>Synechococcus elongatus</i> PCC 6301	1
66690 NA	1
1302 <i>Streptococcus gordonii</i>	1
12287 Flock house virus	1
367830 <i>Staphylococcus aureus</i> subsp. <i>aureus</i>	1
1411 <i>Bacillus akibai</i>	1
28278 Human adenovirus 19	1
10571 Bovine papillomavirus	1
5539 <i>Scytalidium lignicola</i>	1
68 <i>Lysobacter</i>	1
6118 <i>Entacmaea quadricolor</i>	1
115547 uncultured archaeon	1
34028 <i>Comamonas</i> sp.	1
322 <i>Pseudomonas syringae</i> pv. <i>tabaci</i>	1
6884 <i>Leiurus quinquestriatus hebraeus</i>	1
38868 <i>Salvia officinalis</i>	1
200597 <i>Sterkiella nova</i>	1
45916 <i>Nostoc elliposporum</i>	1
8729 <i>Crotalus adamanteus</i>	1
237561 <i>Candida albicans</i> SC5314	1

Original

58217 <i>Loxosceles laeta</i>	1
280048 <i>Copaifera langsdorffii</i>	1
4232 <i>Helianthus annuus</i>	1
12541 <i>Nudaurelia capensis</i> omega virus	1
10329 Equine herpesvirus type 1 (strain K)	1
83131 <i>Cratylia argentea</i>	1
28896 <i>Thermoanaerobacterium saccharolyticum</i>	1
5699 <i>Trypanosoma vivax</i>	1
97234 <i>Dryopteris crassirhizoma</i>	1
1680 <i>Bifidobacterium adolescentis</i>	1
228 <i>Pseudoalteromonas haloplanktis</i>	1
10870 Enterobacteria phage M13	1
6334 <i>Trichinella spiralis</i>	1
35631 <i>Conus imperialis</i>	1
11090 Yellow fever virus 17D	1
40245 <i>Cucumaria echinata</i>	1
3619 <i>Rumex obtusifolius</i>	1
47982 <i>Plexaura homomalla</i>	1
9092 NA	1
63559 <i>Penicillium amagasakiense</i>	1
1188 <i>Tolypothrix</i> sp. PCC 7601	1
12222 Soybean mosaic virus	1
10092 <i>Mus musculus domesticus</i>	1
4641 <i>Musa acuminata</i>	1
74567 <i>Flavobacterium</i> sp. ATCC 27551	1
13616 <i>Monodelphis domestica</i>	1
86600 <i>Discosoma</i> sp.	1
29390 <i>Streptococcus gordonii</i> str. Challis	1
10690 <i>Haemophilus</i> phage HP1	1
5827 <i>Plasmodium cynomolgi</i>	1
103904 <i>Coxsackievirus</i> B3 (strain Woodruff)	1
2094 <i>Mycoplasma arginini</i>	1
37487 <i>Marichromatium purpuratum</i>	1
11280 Vesicular stomatitis New Jersey virus	1
196118 <i>Methanocaldococcus</i>	1
2788 <i>Porphyra yezoensis</i>	1
43759 <i>Streptomyces wedmorensis</i>	1
677 NA	1
11742 <i>Visna lentivirus</i> (strain 1514)	1

Original

8649 Naja kaouthia	1
52969 Ascophyllum nodosum	1
269145 Sulfolobus turreted icosahedral viru	1
66691 NA	1
381517 Influenza A virus (A/Udorn/307/197:	1
4931 Saccharomyces bayanus	1
79261 Streptomyces castaneoglobisporus	1
5541 Thermomyces lanuginosus	1
1589 Lactobacillus pentosus	1
31234 Caenorhabditis remanei	1
10761 Enterobacteria phage Sf6	1
34078 Scytonema hofmanni	1
11066 Dengue virus 2 Puerto Rico/PR159	1
6644 NA	1
160268 Clonostachys	1
38945 Flammulina velutipes	1
584 Proteus mirabilis	1
7786 Torpedo	1
45920 Araneus diadematus	1
837 Porphyromonas gingivalis	1
237895 Cryptosporidium hominis	1
58226 Comamonas sp. JS765	1
282458 Staphylococcus aureus subsp. aure	1
4265 Cynara cardunculus	1
70821 Desmodium yellow mottle virus	1
12558 Sesbania mosaic virus	1
10331 Equid herpesvirus 4	1
1479 Bacillus smithii	1
6339 Heligmosomoides polygyrus	1
129951 Human adenovirus C	1
35670 Naja naja	1
11091 NA	1
7116 Pieris brassicae	1
190485 Xanthomonas campestris pv. camp	1
40324 Stenotrophomonas maltophilia	1
3625 Actinidia chinensis	1
12054 unidentified tobacco necrosis virus	1
257311 Bordetella parapertussis 12822	1
3911 Vicia villosa	1

Original

64091 Halobacterium sp. NRC-1	1
10095 Mus sp.	1
4670 Galanthus nivalis	1
74577 Streptomyces sp. UC5319	1
1397 Bacillus circulans	1
13686 Solenopsis invicta	1
5346 Coprinopsis cinerea	1
1521 Clostridium cellulolyticum	1
29438 Pseudomonas savastanoi	1
10703 Corynephage beta	1
103929 Rabies virus strain Pasteur vaccin	1
1823 Nocardia otitidiscaviarum	1
33178 Aspergillus terreus	1
36377 NA	1
160488 Pseudomonas putida KT2440	1
37501 Maackia amurensis	1
544 Citrobacter	1
7237 Drosophila pseudoobscura	1
196590 NA	1
3053 NA	1
686 Vibrio cholerae O1 biovar El tor	1
11788 Abelson murine leukemia virus	1
53412 Pseudomonas resinovorans	1
67723 Amanita phalloides	1
5547 Trichoderma viride	1
92652 Shrimp white spot syndrome virus	1
31285 Trypanosoma brucei gambiense	1
84 Hyphomicrobium methylovorum	1
118974 Stromatopelma griseipes	1
1897 Streptomyces carzinostaticus	1
34381 Aspergillus japonicus	1
329 Ralstonia pickettii	1
11069 Dengue virus 3	1
6689 Litopenaeus vannamei	1
175771 Heteractis crispa	1
39152 Methanococcus maripaludis	1
204723 Peniophora sp. SG	1
11914 NA	1
242619 Porphyromonas gingivalis W83	1

Original

70863 <i>Shewanella oneidensis</i>	1
10335 Human herpesvirus 3	1
99565 Chiba virus	1
32044 <i>Pseudomonas mevalonii</i>	1
6352 NA	1
1932 <i>Streptomyces tendae</i>	1
35688 <i>Porphyridium purpureum</i>	1
11099 Bovine viral diarrhea virus 1	1
491 <i>Neisseria meningitidis</i> serogroup B	1
7123 <i>Hyalophora cecropia</i>	1
2337 <i>Thermotoga neapolitana</i>	1
11686 Human immunodeficiency virus type 1	1
221204 <i>Hieracium pilosella</i>	1
907 <i>Megasphaera elsdenii</i>	1
9347 <i>Eutheria</i>	1
3914 <i>Vigna angularis</i>	1
12230 Turnip mosaic virus	1
10114 <i>Rattus</i>	1
76114 <i>Aromatoleum aromaticum</i> EbN1	1
10450 <i>Orgyia pseudotsugata</i> single capsid	1
5353 <i>Lentinula edodes</i>	1
29459 <i>Brucella melitensis</i>	1
5850 <i>Plasmodium knowlesi</i>	1
11008 <i>Saccharomyces cerevisiae</i> virus L-1	1
2108 <i>Mycoplasma</i> sp.	1
160490 <i>Streptococcus pyogenes</i> M1 GAS	1
7242 <i>Drosophila</i> sp.	1
44270 <i>Leishmania mexicana mexicana</i>	1
713 <i>Actinobacillus</i>	1
11791 AKR (endogenous) murine leukemia virus	1
8665 <i>Ophiophagus hannah</i>	1
12092 Hepatitis A virus	1
12303 Cowpea chlorotic mottle virus	1
387139 Influenza A virus (A/Aichi/2/1968)(H3N2)	1
4934 <i>Lachancea kluyveri</i>	1
79679 <i>Thermococcus</i> sp. KS-1	1
28344 Porcine reproductive and respiratory syndrome virus	1
5554 <i>Trichosporon cutaneum</i>	1
31531 Vaccinia virus L-IPV	1

Original

6185 Schistosoma haematobium	1
34413 Humicola insolens	1
6956 Dermatophagoides pteronyssinus	1
2277 Pyrobaculum islandicum	1
39300 Ectatomma tuberculatum	1
587 Providencia rettgeri	1
3496 Maclura pomifera	1
46018 Human echovirus 7	1
59511 Pseudomonas syringae pv. maculic	1
12139 Southern bean mosaic virus	1
9939 Ovis sp.	1
4511 Eleusine coracana	1
71366 Staphylococcus phage PVL	1
12618 Chicken anemia virus	1
29015 NA	1
10668 NA	1
99571 Dioclea guianensis	1
130309 Human adenovirus F	1
1938 Streptomyces viridochromogenes	1
35703 Citrobacter amalonaticus	1
190650 Caulobacter crescentus CB15	1
2378 Sporomusa ovata	1
40410 Cryptococcus neoformans var. neof	1
648 Aeromonas punctata	1
3654 Citrullus lanatus	1
49577 Costus speciosus	1
9430 Desmodus rotundus	1
64608 Agrocybe cylindracea	1
12242 Tobacco mosaic virus	1
76275 Rhodococcus sp. R312	1
1399 Bacillus firmus	1
88764 Conus episcopatus	1
1550 Clostridium subterminale	1
29461 Brucella suis	1
10711 Enterobacteria phage P21	1
105402 Zoanthus sp.	1
33806 NA	1
6454 Haliotis rufescens	1
6706 Homarus americanus	1

Original

161736 Pseudomonas phage phi12	1
37632 Amycolatopsis sp.	1
549 Pantoea agglomerans	1
7370 Musca domestica	1
196627 Corynebacterium glutamicum ATCC	1
3088 Scenedesmus obliquus	1
54571 Streptomyces venezuelae	1
9739 Tursiops truncatus	1
4092 Nicotiana plumbaginifolia	1
12305 Cucumber mosaic virus	1
10301 Herpes simplex virus (type 1 / strair	1
390157 Seneca valley virus	1
5053 Aspergillus aculeatus	1
79930 Methanothermobacter thermautotro	1
1426 Geobacillus thermoglucosidasius	1
92829 Xanthomonas axonopodis pv. citri	1
31552 Human papillomavirus type 6	1
10829 Squash leaf curl virus	1
34631 Rhipicephalus appendiculatus	1
340 Xanthomonas campestris pv. camp	1
178306 Pyrobaculum aerophilum str. IM2	1
39443 Carnation Italian ringspot virus	1
592 NA	1
11636 Reticuloendotheliosis virus	1
3501 Urtica dioica	1
11986 Carnation mottle virus	1
59837 Leiostomus xanthurus	1
298334 Simian adenovirus A	1
5207 Filobasidiella neoformans	1
10677 Enterobacteria phage Mu	1
5741 Giardia intestinalis	1
100226 Streptomyces coelicolor A3(2)	1
32049 Synechococcus sp. PCC 7002	1
10886 Mammalian orthoreovirus 3 Dearing	1
6396 Eisenia fetida	1
1950 Streptomyces peucetius	1

Corrected

NCBI taxonomy identif	Name	Number of interactions
4932	<i>Saccharomyces cerevisiae</i>	115562
9606	<i>Homo sapiens</i>	114613
7227	<i>Drosophila melanogaster</i>	46264
197	<i>Campylobacter jejuni</i>	11998
4896	<i>Schizosaccharomyces pombe</i>	11831
6239	<i>Caenorhabditis elegans</i>	11793
10090	<i>Mus musculus</i>	8569
83333	<i>Escherichia coli K-12</i>	7482
3702	<i>Arabidopsis thaliana</i>	5354
155864	<i>Escherichia coli O157:H7</i>	4928
160	<i>Treponema pallidum</i>	3646
1148	<i>Synechocystis sp. PCC 6803</i>	3166
36329	<i>Plasmodium falciparum</i>	2731
10116	<i>Rattus norvegicus</i>	2650
85962	<i>Helicobacter pylori 26695</i>	1598
32630	synthetic construct	1489
11676	Human immunodeficiency virus	1283
511145	<i>Escherichia coli str. K-12</i>	1278
562	<i>Escherichia coli</i>	1217
0	NA	1176
386585	<i>Escherichia coli O157:H7</i>	1069
9913	<i>Bos taurus</i>	883
39947	<i>Oryza sativa Japonica</i>	500
623	<i>Shigella flexneri</i>	386
246197	<i>Myxococcus xanthus L</i>	377
4530	<i>Oryza sativa</i>	285
272951	<i>Rickettsia sibirica 246</i>	284
9031	<i>Gallus gallus</i>	266
8355	<i>Xenopus laevis</i>	264
274	<i>Thermus thermophilus</i>	218
1423	<i>Bacillus subtilis</i>	207
1313	<i>Streptococcus pneumoniae</i>	170
9823	<i>Sus scrofa</i>	152
9986	<i>Oryctolagus cuniculus</i>	148
-2	NA	120
602	NA	116
11103	Hepatitis C virus	105

Corrected

1773 <i>Mycobacterium tubercu</i>	105
2336 <i>Thermotoga maritima</i>	98
199310 <i>Escherichia coli</i> CFT0:	98
287 <i>Pseudomonas aerugin</i>	93
85963 <i>Helicobacter pylori</i> J95	92
44689 <i>Dictyostelium discoide</i>	91
4102 <i>Petunia x hybrida</i>	89
146786 <i>Thermosynechococcus</i>	84
3562 <i>Spinacia oleracea</i>	75
1422 <i>Geobacillus stearother</i>	75
7955 <i>Danio rerio</i>	70
243274 <i>Thermotoga maritima</i> l	69
1280 <i>Staphylococcus aureus</i>	67
3888 <i>Pisum sativum</i>	64
1063 <i>Rhodobacter sphaeroi</i>	61
303 <i>Pseudomonas putida</i>	60
40674 <i>Mammalia</i>	58
727 <i>Haemophilus influenza</i>	57
4565 <i>Triticum aestivum</i>	56
3055 <i>Chlamydomonas reinh</i>	53
190486 <i>Xanthomonas axonop</i>	51
10254 <i>Vaccinia virus</i> WR	50
5691 <i>Trypanosoma brucei</i>	50
197221 <i>Thermosynechococcus</i>	48
4113 <i>Solanum tuberosum</i>	47
9615 <i>Canis lupus familiaris</i>	47
2261 <i>Pyrococcus furiosus</i>	47
4577 <i>Zea mays</i>	44
4081 <i>Solanum lycopersicum</i>	42
266 <i>Paracoccus denitrifica</i>	42
2234 <i>Archaeoglobus fulgidu</i>	40
145262 <i>Methanothermobacter</i>	39
210 <i>Helicobacter pylori</i>	39
271 <i>Thermus aquaticus</i>	39
358 <i>Agrobacterium tumefa</i>	38
300852 <i>Thermus thermophilus</i>	38
2238 <i>Haloarcula marismortu</i>	38
10760 <i>Enterobacteria</i> phage	36

Corrected

63363 <i>Aquifex aeolicus</i>	35
4513 <i>Hordeum vulgare</i>	34
4097 <i>Nicotiana tabacum</i>	34
32046 <i>Synechococcus elongatus</i>	34
5833 <i>Plasmodium falciparum</i>	33
10298 <i>Human herpesvirus 1</i>	33
1390 <i>Bacillus amyloliquefaciens</i>	32
1895 <i>Streptomyces avidinii</i>	32
10665 <i>Enterobacteria phage</i>	32
53953 <i>Pyrococcus horikoshii</i>	32
39946 <i>Oryza sativa Indica Group</i>	31
316407 <i>Escherichia coli str. K-12</i>	30
10376 <i>Human herpesvirus 4</i>	30
187420 <i>Methanothermobacter</i>	30
1392 <i>Bacillus anthracis</i>	30
10633 <i>Simian virus 40</i>	29
1140 <i>Synechococcus elongatus</i>	28
333760 <i>Human papillomavirus</i>	28
31647 <i>Hepatitis C virus subtype 1b</i>	28
83332 <i>Mycobacterium tuberculosis</i>	27
666 <i>Vibrio cholerae</i>	26
2287 <i>Sulfolobus solfataricus</i>	26
208964 <i>Pseudomonas aeruginosa</i>	26
2190 <i>Methanocaldococcus jensenii</i>	25
573 <i>Klebsiella pneumoniae</i>	25
70601 <i>Pyrococcus horikoshii</i>	25
9103 <i>Meleagris gallopavo</i>	25
11908 <i>Human T-lymphotropic virus 1</i>	25
1314 <i>Streptococcus pyogenes</i>	24
10095 <i>Mus sp.</i>	24
360111 <i>Campylobacter jejuni strain 86-028</i>	24
10515 <i>Human adenovirus 2</i>	24
10245 <i>Vaccinia virus</i>	23
83541 <i>Mastigocladus laminosus</i>	23
354242 <i>Campylobacter jejuni strain 86-028</i>	23
11309 <i>unidentified influenza virus</i>	23
10117 <i>Rattus rattus</i>	23
10029 <i>Cricetulus griseus</i>	23

Corrected

1299 <i>Deinococcus radiodurans</i>	22
243232 <i>Methanocaldococcus j.</i>	22
9796 <i>Equus caballus</i>	21
354 <i>Azotobacter vinelandii</i>	21
176299 <i>Agrobacterium tumefaciens</i>	21
6421 <i>Hirudo medicinalis</i>	21
1911 <i>Streptomyces griseus</i>	21
155892 <i>Caulobacter vibrioides</i>	20
10710 <i>Enterobacteria phage lambda</i>	20
28285 <i>Human adenovirus 5</i>	20
10407 <i>Hepatitis B virus</i>	20
12131 <i>Human rhinovirus 14</i>	20
11060 <i>Dengue virus 2</i>	20
11886 <i>Rous sarcoma virus</i>	20
1061 <i>Rhodobacter capsulatus</i>	19
262724 <i>Thermus thermophilus</i>	19
9598 <i>Pan troglodytes</i>	18
1351 <i>Enterococcus faecalis</i>	18
186497 <i>Pyrococcus furiosus D</i>	17
-1 NA	17
28451 <i>Klebsiella aerogenes</i>	17
37296 <i>Human herpesvirus 8</i>	17
615 <i>Serratia marcescens</i>	16
12110 <i>Foot-and-mouth disease virus</i>	16
306 <i>Pseudomonas sp.</i>	16
520 <i>Bordetella pertussis</i>	16
632 <i>Yersinia pestis</i>	16
5116 <i>Cryphonectria parasitica</i>	16
556 <i>Erwinia chrysanthemi</i>	15
9838 <i>Camelus dromedarius</i>	15
10118 <i>Rattus sp.</i>	15
4151 <i>Antirrhinum majus</i>	15
10377 <i>Human herpesvirus 4 (gamma 1)</i>	14
360110 <i>Campylobacter jejuni s</i>	14
56636 <i>Aeropyrum pernix</i>	14
99287 <i>Salmonella enterica subsp. enterica</i>	14
86665 <i>Bacillus halodurans</i>	14
1902 <i>Streptomyces coelicolor</i>	14

Corrected

5476 <i>Candida albicans</i>	14
283166 <i>Bartonella henselae</i> st.	14
1491 <i>Clostridium botulinum</i>	14
5693 <i>Trypanosoma cruzi</i>	14
3858 <i>Lathyrus ochrus</i>	13
1358 <i>Lactococcus lactis</i>	13
10036 <i>Mesocricetus auratus</i>	13
11234 <i>Measles virus</i>	13
32644 <i>unidentified</i>	13
12215 <i>Potato virus A</i>	13
1079 <i>Blastochloris viridis</i>	13
11084 <i>Tick-borne encephalitis</i>	13
13773 <i>Pyrobaculum aerophilum</i>	13
1085 <i>Rhodospirillum rubrum</i>	13
227859 <i>SARS coronavirus</i>	13
9534 <i>Chlorocephalus aethiops</i>	13
3847 <i>Glycine max</i>	12
10249 <i>Vaccinia virus Copenh</i>	12
10754 <i>Enterobacteria phage phi</i>	12
273057 <i>Sulfolobus solfataricus</i>	12
1502 <i>Clostridium perfringens</i>	12
31199 <i>Argopecten irradians</i>	12
8616 <i>Bungarus multicinctus</i>	12
1515 <i>Clostridium thermocellum</i>	12
3823 <i>Canavalia ensiformis</i>	12
1396 <i>Bacillus cereus</i>	12
9940 <i>Ovis aries</i>	12
10141 <i>Cavia porcellus</i>	12
294 <i>Pseudomonas fluorescens</i>	12
7787 <i>Torpedo californica</i>	12
511 <i>Alcaligenes faecalis</i>	11
1916 <i>Streptomyces lividans</i>	11
384509 <i>Influenza A virus (A/ter</i>	11
11709 <i>Human immunodeficiency</i>	11
12130 <i>Human rhinovirus 2</i>	11
10678 <i>Enterobacteria phage phi</i>	11
5141 <i>Neurospora crassa</i>	11
2303 <i>Thermoplasma acidophilum</i>	11

Corrected

1833 <i>Rhodococcus erythrop</i>	11
11276 <i>Vesicular stomatitis vir</i>	11
7757 <i>Petromyzon marinus</i>	11
3489 <i>Artocarpus heterophyll</i>	11
414 <i>Methylococcus capsul</i>	11
243233 <i>Methylococcus capsul</i>	10
12075 <i>Swine vesicular diseas</i>	10
11320 <i>Influenza A virus</i>	10
11108 <i>Hepatitis C virus (isola</i>	10
630 <i>Yersinia enterocolitica</i>	10
273075 <i>Thermoplasma acidop</i>	10
633 <i>Yersinia pseudotuberc</i>	10
1409 <i>Bacillus sp.</i>	10
7224 <i>Drosophila hydei</i>	10
323 <i>Pseudomonas syringa</i>	10
11723 <i>Simian immunodeficie</i>	10
5811 <i>Toxoplasma gondii</i>	10
32053 <i>Thermosynechococcus</i>	10
139 <i>Borrelia burgdorferi</i>	10
601 NA	10
12721 <i>Human immunodeficie</i>	10
1427 <i>Bacillus thermoproteol</i>	9
73239 <i>Plasmodium yoelii yoe</i>	9
224325 <i>Archaeoglobus fulgidu</i>	9
1260 <i>Finegoldia magna</i>	9
2208 <i>Methanosarcina barke</i>	9
11105 <i>Hepatitis C virus (isola</i>	9
190386 <i>Agrobacterium tumefa</i>	9
12080 <i>Human poliovirus 1</i>	9
28282 <i>Human adenovirus 12</i>	9
7091 <i>Bombyx mori</i>	9
1393 <i>Brevibacillus brevis</i>	9
381666 <i>Ralstonia eutropha H1</i>	9
1168 <i>Nostoc sp. PCC 7119</i>	9
88087 <i>Trimeresurus flavoviric</i>	9
10359 <i>Human herpesvirus 5</i>	9
1639 <i>Listeria monocytogene</i>	9
112509 <i>Hordeum vulgare subs</i>	9

Corrected

8656 <i>Naja atra</i>	8
7788 <i>Torpedo marmorata</i>	8
9595 <i>Gorilla gorilla gorilla</i>	8
10756 <i>Bacillus phage phi29</i>	8
36409 <i>Rinderpest virus (strair</i>	8
31159 <i>Daboia russellii russell</i>	8
1143 <i>Synechocystis sp.</i>	8
6398 <i>Lumbricus terrestris</i>	8
4558 <i>Sorghum bicolor</i>	8
3988 <i>Ricinus communis</i>	8
5664 <i>Leishmania major</i>	8
10891 <i>Reovirus sp.</i>	8
148305 <i>Magnaporthe grisea</i>	8
69 <i>Lysobacter enzymogei</i>	8
12086 <i>Human poliovirus 3</i>	8
435895 <i>Human herpesvirus 8 t</i>	8
238 <i>Elizabethkingia mening</i>	8
2320 <i>Methanopyrus kandler</i>	8
6621 <i>Loligo pealei</i>	8
224308 <i>Bacillus subtilis subsp.</i>	8
3649 <i>Carica papaya</i>	7
12069 <i>Human coxsackievirus</i>	7
10684 <i>Bacillus phage PBS2</i>	7
1131 <i>Synechococcus sp.</i>	7
669 <i>Vibrio harveyi</i>	7
488537 <i>Clostridium perfringens</i>	7
7153 <i>Chironomus tentans</i>	7
1404 <i>Bacillus megaterium</i>	7
8846 <i>Anser indicus</i>	7
6500 <i>Aplysia californica</i>	7
317 <i>Pseudomonas syringa</i>	7
12208 <i>Pea seed-borne mosai</i>	7
5911 <i>Tetrahymena thermopi</i>	7
12081 <i>Human poliovirus 1 Me</i>	7
1901 <i>Streptomyces clavulige</i>	7
285 <i>Comamonas testoster</i>	7
585 <i>Proteus vulgaris</i>	7
1167 <i>Anabaena sp.</i>	7

Corrected

4922 <i>Pichia pastoris</i>	7
227321 <i>Aspergillus nidulans</i> Fc	7
11599 <i>Hantaan virus</i>	7
37998 <i>Engyodontium album</i>	7
11901 <i>Bovine leukemia virus</i>	7
83334 <i>Escherichia coli</i> O157:	7
881 <i>Desulfovibrio vulgaris</i>	7
296 <i>Pseudomonas fragi</i>	7
1352 <i>Enterococcus faecium</i>	7
158 <i>Treponema denticola</i>	7
3490 <i>Artocarpus integer</i>	6
1049 <i>Allochromatium vinosu</i>	6
8839 <i>Anas platyrhynchos</i>	6
3708 <i>Brassica napus</i>	6
2026 <i>Thermoactinomyces vi</i>	6
12072 <i>Human coxsackievirus</i>	6
1402 <i>Bacillus licheniformis</i>	6
5702 <i>Trypanosoma brucei b</i>	6
3972 <i>Viscum album</i>	6
10636 <i>Murine polyomavirus s</i>	6
3712 <i>Brassica oleracea</i>	6
10690 <i>Haemophilus phage H.</i>	6
272557 <i>Aeropyrum pernix K1</i>	6
12078 <i>Human echovirus 11</i>	6
421877 <i>Hepatitis C virus isolat</i>	6
44130 <i>Human rhinovirus 3</i>	6
10658 <i>Enterobacteria phage i</i>	6
2285 <i>Sulfolobus acidocaldar</i>	6
3885 <i>Phaseolus vulgaris</i>	6
5656 <i>Crithidia fasciculata</i>	6
2286 <i>Sulfolobus shibatae</i>	6
28985 <i>Kluyveromyces lactis</i>	6
10804 <i>Adeno-associated viru.</i>	6
876 <i>Desulfovibrio desulfuric</i>	6
12083 <i>Human poliovirus 2</i>	6
333284 <i>Hepatitis C virus (isola</i>	6
485 <i>Neisseria gonorrhoeae</i>	6
5791 <i>Physarum polycephalu</i>	6

Corrected

119602	<i>Streptococcus dysgala</i>	6
10299	<i>Herpes simplex virus (i</i>	6
879	<i>Desulfovibrio gigas</i>	6
352472	<i>Dictyostelium discoide</i>	6
3457	<i>Dioscoreophyllum cum</i>	6
1591	<i>Lactobacillus sp.</i>	6
162425	<i>Emericella nidulans</i>	6
550	<i>Enterobacter cloacae</i>	6
730	<i>Haemophilus ducreyi</i>	6
382848	<i>Influenza A virus (A/sw</i>	6
12064	<i>Bovine enterovirus</i>	6
10360	<i>Human herpesvirus 5 s</i>	6
41529	<i>Salmonella enterica su</i>	6
408	<i>Methylobacterium exto</i>	6
374840	<i>Enterobacteria phage j</i>	6
47421	<i>Hydrogenophaga pseu</i>	6
83374	<i>Galdieria partita</i>	6
12067	<i>Human coxsackievirus</i>	6
211586	<i>Shewanella oneidensis</i>	5
40051	<i>Bluetongue virus</i>	5
1866	<i>Actinoplanes missouri</i>	5
42897	<i>Shigella flexneri 2a</i>	5
2265	<i>Thermococcus litoralis</i>	5
1050	<i>Thermochromatium tep</i>	5
47881	<i>Pseudomonas pavona</i>	5
11698	<i>Human immunodeficie</i>	5
5061	<i>Aspergillus niger</i>	5
55676	<i>Oligobrachia mashikoi</i>	5
97228	<i>Daboia russellii pulche</i>	5
129875	<i>Human adenovirus A</i>	5
1501	<i>Clostridium pasteurian</i>	5
905	<i>Acidaminococcus ferm</i>	5
360108	<i>Campylobacter jejuni s</i>	5
420174	<i>Hepatitis C virus isolat</i>	5
5722	<i>Trichomonas vaginalis</i>	5
11033	<i>Semliki forest virus</i>	5
5855	<i>Plasmodium vivax</i>	5
571	<i>Klebsiella oxytoca</i>	5

Corrected

844	<i>Wolinella succinogene</i>	5
387139	<i>Influenza A virus (A/Ai</i>	5
115711	<i>Chlamydomphila pneum</i>	5
195058	<i>Naja sagittifera</i>	5
847	<i>Oxalobacter formigene</i>	5
103944	<i>Protobothrops mucros</i>	5
10879	<i>Pseudomonas phage p</i>	5
11113	<i>Hepatitis C virus isolat</i>	5
226185	<i>Enterococcus faecalis</i>	5
1282	<i>Staphylococcus epider</i>	5
118562	<i>Arthrospira platensis</i>	5
12126	<i>Theiler's encephalomy</i>	5
69488	<i>Penicillium simplicissin</i>	5
28901	<i>Salmonella enterica</i>	5
11673	<i>Feline immunodeficien</i>	5
538120	<i>Mammalian orthoreovi</i>	5
34	<i>Myxococcus xanthus</i>	5
6253	<i>Ascaris suum</i>	5
8724	<i>Bothrops jararaca</i>	5
878	<i>Desulfovibrio fructosov</i>	5
5665	<i>Leishmania mexicana</i>	5
293	<i>Brevundimonas diminu</i>	5
7111	<i>Trichoplusia ni</i>	5
46633	<i>Human echovirus 1</i>	5
1720	<i>Corynebacterium sp.</i>	5
1525	<i>Moorella thermoacetic</i>	5
59405	<i>Thauera aromatica</i>	5
333761	<i>Human papillomavirus</i>	5
5482	<i>Candida tropicalis</i>	5
111955	<i>Sulfolobus tokodaii</i>	5
10243	<i>Cowpox virus</i>	5
554	<i>Pectobacterium caroto</i>	5
11610	<i>Seoul virus SR11</i>	5
11191	<i>Sendai virus</i>	5
2262	<i>Pyrococcus woesei</i>	4
5507	<i>Fusarium oxysporum</i>	4
103690	<i>Nostoc sp. PCC 7120</i>	4
6183	<i>Schistosoma mansoni</i>	4

Corrected

11696 <i>HIV-1 M:B_MN</i>	4
65404 <i>Polysiphonia urceolata</i>	4
30591 <i>Aotus azarai</i>	4
1309 <i>Streptococcus mutans</i>	4
10559 <i>Bovine papillomavirus</i>	4
1665 <i>Arthrobacter globiformis</i>	4
13037 <i>Danaus plexippus</i>	4
40137 <i>Oligotropha carboxidovorans</i>	4
622 <i>Shigella dysenteriae</i>	4
1311 <i>Streptococcus agalactiae</i>	4
1667 <i>Arthrobacter sp.</i>	4
8692 <i>Bitis arietans</i>	4
3661 <i>Cucurbita maxima</i>	4
818 <i>Bacteroides thetaiotaomicron</i>	4
4843 <i>Rhizopus microsporus</i>	4
1894 <i>Streptomyces aureofaciens</i>	4
11855 <i>Mason-Pfizer monkey</i>	4
8364 <i>Xenopus (Silurana) tropicalis</i>	4
200597 <i>Sterkiella nova</i>	4
11665 <i>Equine infectious anemia virus</i>	4
4100 <i>Nicotiana benthamiana</i>	4
10381 <i>Saimiriine herpesvirus</i>	4
7067 <i>Tenebrio molitor</i>	4
46015 <i>Autographa californica</i>	4
12124 <i>Theiler's encephalomyelitis virus</i>	4
3879 <i>Medicago sativa</i>	4
1074 <i>Rhodoblastus acidophilus</i>	4
203119 <i>Clostridium thermocellum</i>	4
8022 <i>Oncorhynchus mykiss</i>	4
915 <i>Nitrosomonas europaea</i>	4
79257 <i>Rhodomonas sp. CS2</i>	4
272562 <i>Clostridium acetobutylicum</i>	4
1076 <i>Rhodopseudomonas rubra</i>	4
1320 <i>Streptococcus sp. 'group 1'</i>	4
10583 <i>Human papillomavirus</i>	4
17 <i>Methylophilus methylotrophus</i>	4
11082 <i>West Nile virus</i>	4
3677 <i>Trichosanthes kirilowii</i>	4

Corrected

8030 <i>Salmo salar</i>	4
226186 <i>Bacteroides thetaiota</i>	4
3329 <i>Picea abies</i>	4
542 <i>Zymomonas mobilis</i>	4
273121 <i>Wolinella succinogene</i>	4
106590 <i>Cupriavidus necator</i>	4
11720 <i>Human immunodeficie</i>	4
362651 <i>Human immunodeficie</i>	4
2242 <i>Halobacterium salinaru</i>	4
546 <i>Citrobacter freundii</i>	4
8618 <i>Dendroaspis angustice</i>	4
12227 <i>Tobacco etch virus</i>	4
1831 <i>Rhodococcus sp.</i>	4
1301 <i>Streptococcus</i>	4
10506 <i>Paramecium bursaria</i> (4
1590 <i>Lactobacillus plantarur</i>	4
6426 <i>Riftia pachyptila</i>	4
6108 <i>Anemonia sulcata</i>	4
93061 <i>Staphylococcus aureus</i>	4
243230 <i>Deinococcus radiodur</i>	4
2787 <i>Porphyra purpurea</i>	4
8730 <i>Crotalus atrox</i>	4
1836 <i>Saccharopolyspora ery</i>	4
6945 <i>Ixodes scapularis</i>	4
337042 <i>Human papillomavirus</i>	4
10849 <i>Enterobacteria phage</i> (4
1752 <i>Propionibacterium freu</i>	4
36307 <i>Deinagkistrodon acutu</i>	4
10991 <i>Rice dwarf virus</i>	4
269084 <i>Synechococcus elonga</i>	3
1307 <i>Streptococcus suis</i>	3
198803 <i>Bacillus sp. MN-32</i>	3
2334 <i>Bacillus sp. PS3</i>	3
12145 <i>Tomato bushy stunt vi</i>	3
1354 <i>Enterococcus hirae</i>	3
1494 <i>Clostridium cochleariu</i>	3
426 <i>Methylosinus trichosp</i>	3
12253 <i>Tomato mosaic virus</i>	3

Corrected

10030	<i>Cricetulus longicaudatus</i>	3
45659	Human adenovirus 3	3
8237	<i>Thunnus thynnus</i>	3
9544	<i>Macaca mulatta</i>	3
12353	<i>Enterobacteria phage lambda</i>	3
169066	Human rhinovirus sp.	3
817	<i>Bacteroides fragilis</i>	3
103782	<i>Pariacato virus</i>	3
10864	<i>Enterobacteria phage lambda</i>	3
1765	<i>Mycobacterium bovis</i>	3
173	<i>Leptospira interrogans</i>	3
8843	<i>Anser anser</i>	3
260809	NA	3
12260	Bean pod mottle virus	3
518	<i>Bordetella bronchiseptica</i>	3
3864	<i>Lens culinaris</i>	3
68728	<i>Chrysocyon brachyurus</i>	3
10315	Human herpesvirus 2 strain	3
51453	<i>Hypocrea jecorina</i>	3
5062	<i>Aspergillus oryzae</i>	3
37554	<i>Enterobacteria phage lambda</i>	3
2209	<i>Methanosarcina mazei</i>	3
9597	<i>Pan paniscus</i>	3
12475	Hepatitis delta virus	3
82367	<i>Paracoccus pantotrophus</i>	3
170187	<i>Streptococcus pneumoniae</i>	3
316	<i>Pseudomonas stutzeri</i>	3
12161	Beet yellows virus	3
73841	<i>Vipera ammodytes meadwayi</i>	3
103908	Echovirus 1 (strain Far	3
10872	<i>Pseudomonas phage lambda</i>	3
1772	<i>Mycobacterium smegmatis</i>	3
36436	Simian rotavirus A/SA	3
6707	<i>Homarus gammarus</i>	3
5076	<i>Penicillium chrysogenum</i>	3
1406	<i>Paenibacillus polymyxa</i>	3
5724	<i>Tritrichomonas foetus</i>	3
11034	Sindbis virus	3

Corrected

158878 <i>Staphylococcus aureus</i>	3
2210 <i>Methanosarcina therm</i>	3
272558 <i>Bacillus halodurans</i> C-	3
5861 <i>Plasmodium yoelii</i>	3
35730 <i>Trematomus newnesi</i>	3
1931 <i>Streptomyces</i> sp.	3
62977 <i>Acinetobacter</i> sp. ADF	3
10326 <i>Equid herpesvirus 1</i>	3
345076 <i>Vibrio cholerae</i> V52	3
301447 <i>Streptococcus pyogen</i>	3
11241 <i>Rinderpest virus</i>	3
10794 <i>Minute virus of mice</i>	3
6523 <i>Lymnaea stagnalis</i>	3
11520 <i>Influenza B virus</i>	3
48465 <i>Prostheco bacter dejon</i>	3
873 <i>Desulfovibrio africanus</i>	3
9874 <i>Odocoileus virginianus</i>	3
10884 <i>Mammalian orthoreovi</i>	3
263374 <i>Bordetella phage BMP</i>	3
3818 <i>Arachis hypogaea</i>	3
92694 <i>Rhodococcus</i> sp. NCIM	3
11247 <i>Bovine respiratory syn</i>	3
7102 <i>Heliothis virescens</i>	3
10279 <i>Molluscum contagiosu</i>	3
10585 <i>Human papillomavirus</i>	3
35816 <i>Pelobacter acidigallici</i>	3
205488 <i>Ebola virus</i> sp.	3
219334 <i>Lactobacillus casei</i> sut	3
13689 <i>Sphingomonas paucir</i>	3
1394 <i>Bacillus caldolyticus</i>	3
33708 <i>Murid herpesvirus 4</i>	3
2111 <i>Mycoplasma arthritidis</i>	3
226900 <i>Bacillus cereus</i> ATCC	3
1083 <i>Phaeosporillum molisc</i>	3
1474 <i>Sporosarcina pasteurii</i>	3
6100 <i>Aequorea victoria</i>	3
35889 <i>Nicotiana glutinosa</i>	3
11552 <i>Influenza C virus</i>	3

Corrected

9925 <i>Capra hircus</i>	3
10923 <i>Simian rotavirus A/SA:</i>	3
40690 <i>Trematomus bernacch</i>	3
8053 <i>Gadus callarias</i>	3
93050 <i>Echis multisquamatus</i>	3
1421 <i>Lysinibacillus sphaeric</i>	3
1905 <i>Streptomyces exfoliatu</i>	3
198214 <i>Shigella flexneri 2a str.</i>	3
29292 <i>Pyrococcus abyssi</i>	3
2775 <i>Gracilaria chilensis</i>	3
4076 <i>Datura stramonium</i>	3
11149 <i>Transmissible gastroei</i>	3
2180 <i>Methanothermus fervic</i>	3
31645 <i>Hepatitis C virus (isola</i>	3
121791 <i>Nipah virus</i>	3
3906 <i>Vicia faba</i>	3
71421 <i>Haemophilus influenza</i>	3
12657 <i>Equid herpesvirus 2</i>	3
1488 <i>Clostridium acetobutyl</i>	3
10847 <i>Enterobacteria phage j</i>	3
574521 <i>Escherichia coli O127:</i>	3
11685 <i>HIV-1 M:B_ARV2/SF2</i>	3
257313 <i>Bordetella pertussis Tc</i>	3
15957 <i>Phleum pratense</i>	3
89020 <i>Mustelus griseus</i>	3
37137 <i>Simian rotavirus A/SA:</i>	3
8167 <i>Perca flavescens</i>	3
4498 <i>Avena sativa</i>	3
443255 <i>Streptomyces clavulige</i>	3
5821 <i>Plasmodium berghei</i>	3
211044 <i>Influenza A virus (A/Pt</i>	3
9770 <i>Balaenoptera physalus</i>	3
272943 <i>Rhodobacter sphaeroi</i>	3
1098 <i>Prosthecochloris vibrio</i>	3
4682 <i>Allium sativum</i>	3
10632 <i>JC polyomavirus</i>	3
382853 <i>Influenza A virus (A/sw</i>	3
102746 <i>Hieracium piloselloides</i>	3

Corrected

8732 <i>Crotalus durissus territ</i>	3
12243 <i>Tobacco mosaic virus</i>	3
4084 <i>Solanum pimpinellifoliu</i>	3
1197 <i>Fremyella diplosiphon</i>	3
10366 <i>Murid herpesvirus 1</i>	3
42003 <i>Griffithsia monilis</i>	3
8175 <i>Sparus aurata</i>	2
54914 <i>Brevibacillus parabrevi</i>	2
12107 <i>Mengo virus</i>	2
67831 <i>Rhipicephalus bursa</i>	2
81759 <i>Hyacinthoides hispanic</i>	2
374844 <i>Enterobacteria phage</i>	2
31708 <i>Human rhinovirus 16</i>	2
123217 <i>Anopheles cracens</i>	2
-8 NA	2
6437 <i>Themiste zostericola</i>	2
7130 <i>Manduca sexta</i>	2
47519 <i>Calystegia sepium</i>	2
4754 <i>Pneumocystis carinii</i>	2
224324 <i>Aquifex aeolicus VF5</i>	2
51336 <i>Cabbage leaf curl virus</i>	2
291940 <i>Artocarpus hirsutus</i>	2
4087 <i>Nicotiana glauca</i>	2
1245 <i>Leuconostoc mesenter</i>	2
5059 <i>Aspergillus flavus</i>	2
1580 <i>Lactobacillus brevis</i>	2
10995 <i>Infectious bursal disea</i>	2
11207 <i>Simian virus 5</i>	2
512 <i>Alcaligenes sp.</i>	2
228407 <i>SARS coronavirus BJC</i>	2
55084 <i>Pandinus imperator</i>	2
318586 <i>Paracoccus denitrifica</i>	2
375732 <i>Influenza A virus (A/sw</i>	2
5306 <i>Phanerochaete chryso</i>	2
11070 <i>Dengue virus 4</i>	2
6442 <i>Phascolopsis gouldii</i>	2
305 <i>Ralstonia solanacearu</i>	2
11983 <i>Norwalk virus</i>	2

Corrected

12147 <i>Tomato bushy stunt vi</i>	2
3916 <i>Vigna radiata var. radi</i>	2
10310 <i>Human herpesvirus 2</i>	2
10634 <i>Murine polyomavirus</i>	2
5514 <i>Fusarium sporotrichioi</i>	2
1498 <i>Clostridium histolyticur</i>	2
6703 <i>Pandalus borealis</i>	2
350 <i>Zoogloea ramigera</i>	2
3711 <i>Brassica rapa</i>	2
65406 <i>Pseudomonas sp. 7A</i>	2
899 <i>Desulfomicrobium bac</i>	2
77929 <i>Rhodomonas sp.</i>	2
10685 <i>Bacillus phage SPO1</i>	2
6359 <i>Platynereis dumerilii</i>	2
11216 <i>Human parainfluenza v</i>	2
7010 <i>Schistocerca gregaria</i>	2
194439 <i>Chlorobium tepidum Ti</i>	2
2271 <i>Thermoproteus tenax</i>	2
11801 <i>Moloney murine leuke</i>	2
12116 <i>Foot-and-mouth diseas</i>	2
12371 <i>Phage h30</i>	2
322710 <i>Azotobacter vinelandii</i>	2
379746 <i>Influenza A virus (A/sw</i>	2
1428 <i>Bacillus thuringiensis</i>	2
11072 <i>Japanese encephalitis</i>	2
47914 <i>Brevibacterium fuscurn</i>	2
12154 <i>Turnip yellow mosaic v</i>	2
85698 <i>Achromobacter xyloso.</i>	2
1360 <i>Lactococcus lactis sub</i>	2
6192 <i>Fasciola hepatica</i>	2
1769 <i>Mycobacterium leprae</i>	2
11641 <i>Human foamy virus</i>	2
224326 <i>Borrelia burgdorferi B3</i>	2
12264 <i>Cowpea mosaic virus</i>	2
275 <i>Thermus sp.</i>	2
194699 <i>Bordetella phage BPP.</i>	2
3505 <i>Betula pendula</i>	2
670 <i>Vibrio parahaemolyticu</i>	2

Corrected

324602	<i>Chloroflexus aurantiac</i>	2
28875	<i>Rotavirus A</i>	2
10566	<i>Human papillomavirus</i>	2
380344	<i>Influenza A virus (A/ch</i>	2
503404	<i>Tomato yellow leaf cur</i>	2
129910	<i>Arthrospira maxima</i>	2
1929	<i>Streptomyces rubigino</i>	2
7159	<i>Aedes aegypti</i>	2
8705	<i>Vipera ammodytes am</i>	2
3663	<i>Cucurbita pepo</i>	2
273063	<i>Sulfolobus tokodaii str.</i>	2
3981	<i>Hevea brasiliensis</i>	2
13555	<i>Haemadipsa sylvestris</i>	2
11708	<i>Human immunodeficie</i>	2
262338	<i>SARS coronavirus GD</i>	2
12285	<i>Black beetle virus</i>	2
91753	<i>Cucurbit aphid-borne y</i>	2
2280	<i>Staphylothermus marit</i>	2
529	<i>Ochrobactrum anthrop</i>	2
3527	<i>Phytolacca americana</i>	2
10258	<i>Orf virus</i>	2
10580	<i>Human papillomavirus</i>	2
380350	<i>Influenza A virus (A/sw</i>	2
5341	<i>Agaricus bisporus</i>	2
31958	<i>Amycolatopsis orient</i>	2
16	<i>Methylophilus</i>	2
11077	<i>Kunjin virus</i>	2
7165	<i>Anopheles gambiae</i>	2
48386	<i>Perilla frutescens</i>	2
8714	<i>Gloydus halys</i>	2
244589	<i>Sulfolobus virus 1</i>	2
3673	<i>Momordica charantia</i>	2
4905	<i>Pichia angusta</i>	2
40353	<i>Echis carinatus</i>	2
10384	<i>Herpesvirus saimiri (st</i>	2
280	<i>Xanthobacter autotrop</i>	2
196620	<i>Staphylococcus aureu</i>	2
32002	<i>Achromobacter denitri</i>	2

Corrected

130308 <i>Human adenovirus E</i>	2
1697 <i>Corynebacterium amm</i>	2
319 <i>Pseudomonas syringa</i>	2
217992 <i>Escherichia coli O6</i>	2
8717 <i>Calloselasma rhodostc</i>	2
246196 <i>Mycobacterium smegn</i>	2
4906 <i>Williopsis saturnus</i>	2
36773 <i>Burkholderia sp.</i>	2
223 <i>Achromobacter cycloci</i>	2
190485 <i>Xanthomonas campes</i>	2
2104 <i>Mycoplasma pneumon</i>	2
375 <i>Bradyrhizobium japoni</i>	2
920 <i>Acidithiobacillus ferroo</i>	2
12288 <i>Nodamura virus</i>	2
5085 <i>Aspergillus fumigatus</i>	2
10712 <i>Phage 434</i>	2
1587 <i>Lactobacillus helveticu</i>	2
11876 <i>Avian sarcoma virus</i>	2
272626 <i>Listeria innocua Clip11</i>	2
83331 <i>Mycobacterium tubercu</i>	2
1324 <i>Streptococcus sp. G14</i>	2
6087 <i>Hydra vulgaris</i>	2
6526 <i>Biomphalaria glabrata</i>	2
2743 <i>Marinobacter hydrocar</i>	2
12023 <i>Pseudomonas phage l</i>	2
3679 <i>Ecballium elaterium</i>	2
348776 <i>Mycobacterium tubercu</i>	2
1829 <i>Rhodococcus rhodoch</i>	2
381 <i>Mesorhizobium loti</i>	2
644 <i>Aeromonas hydrophila</i>	2
12302 <i>Brome mosaic virus</i>	2
79676 <i>Pseudomonas sp. CF6</i>	2
119072 <i>Thermoanaerobacter t</i>	2
11053 <i>Dengue virus 1</i>	2
7108 <i>Spodoptera frugiperda</i>	2
11885 <i>Fujinami sarcoma virus</i>	2
715 <i>Actinobacillus pleuopr</i>	2
9675 <i>Paguma larvata</i>	2

Corrected

29170	<i>Ancylostoma caninum</i>	2
5386	<i>Xerocomus chrysenter</i>	2
100226	<i>Streptomyces coelicok</i>	2
1718	<i>Corynebacterium gluta</i>	2
11088	<i>Tick-borne encephalitis</i>	2
6550	<i>Mytilus edulis</i>	2
208893	<i>Human respiratory syn</i>	2
12042	<i>Beet western yellows v</i>	2
257309	<i>Corynebacterium dipht</i>	2
10335	<i>Human herpesvirus 3</i>	2
1520	<i>Clostridium beijerinckii</i>	2
6279	<i>Brugia malayi</i>	2
235	<i>Brucella abortus</i>	2
11138	<i>Murine hepatitis virus</i>	2
190650	<i>Caulobacter crescentu</i>	2
11678	<i>Human immunodeficie</i>	2
927	<i>Halothiobacillus neapo</i>	2
28450	<i>Burkholderia pseudom</i>	2
8631	<i>Laticauda semifasciate</i>	2
59201	<i>Salmonella enterica su</i>	2
12134	<i>Human rhinovirus 1A</i>	2
9685	<i>Felis catus</i>	2
12643	<i>Ectromelia virus</i>	2
1338	<i>Streptococcus interme</i>	2
10624	<i>Polyomavirus</i>	2
382841	<i>Influenza A virus (A/se</i>	2
101510	<i>Rhodococcus jostii RH</i>	2
132961	<i>Bungarus caeruleus</i>	2
11089	<i>Yellow fever virus</i>	2
180454	<i>Anopheles gambiae st</i>	2
1956	<i>Streptomyces diastatic</i>	2
30077	<i>Triatoma pallidipennis</i>	2
5689	<i>Leishmania tarentolae</i>	2
109171	<i>Pachyrhizus erosus</i>	2
6938	<i>Ornithodoros moubata</i>	2
394	<i>Rhizobium sp. NGR23</i>	2
11683	<i>Human immunodeficie</i>	2
45410	<i>Hepatitis B virus adw4,</i>	2

Corrected

487	<i>Neisseria meningitidis</i>	2
9490	<i>Saguinus oedipus</i>	2
266834	<i>Sinorhizobium meliloti</i>	2
3840	<i>Vigna unguiculata subsp.</i>	2
311246	<i>Influenza A virus (A/Moscow/10/59)</i>	2
10724	<i>Bacillus phage SPP1</i>	2
11063	<i>Dengue virus 2 Malaysia</i>	2
198215	<i>Shigella flexneri 2a str.</i>	2
2257	<i>Natronomonas pharaonis</i>	2
210007	<i>Streptococcus mutans</i>	2
12136	<i>Cricket paralysis virus</i>	2
272844	<i>Pyrococcus abyssi GE</i>	2
1097	<i>Chlorobaculum tepidum</i>	2
29303	<i>Streptomyces cattleya</i>	2
10626	<i>Hamster polyomavirus</i>	2
1744	<i>Propionibacterium freudenreichii</i>	2
337	<i>Burkholderia glumae</i>	2
11604	<i>Puumala virus</i>	2
223283	<i>Pseudomonas syringae</i>	2
50339	<i>Thermoplasma volcanium</i>	2
64574	<i>Radiomyces spectabilis</i>	2
1398	<i>Bacillus coagulans</i>	2
155077	<i>Cellvibrio japonicus</i>	2
11176	<i>Newcastle disease virus</i>	2
45441	<i>Enterobacteria phage lambda</i>	2
11741	<i>Visna/Maedi virus</i>	2
227984	<i>SARS coronavirus Tor1</i>	2
3843	<i>Erythrina corallodendron</i>	2
67825	<i>Citrobacter rodentium</i>	2
1306	<i>Streptococcus sp.</i>	2
10530	<i>Murine adenovirus 1</i>	2
5270	<i>Ustilago maydis</i>	2
93934	<i>Coturnix japonica</i>	2
122586	<i>Neisseria meningitidis</i>	2
11065	<i>Dengue virus 2 Thailand</i>	2
6436	<i>Themiste dyscritum</i>	2
198628	<i>Erwinia chrysanthemi sensu lato</i>	2
6182	<i>Schistosoma japonicum</i>	2

Corrected

135461 <i>Bacillus subtilis</i> subsp.	2
11686 <i>Human immunodeficie</i>	2
258594 <i>Rhodopseudomonas p</i>	2
3704 <i>Armoracia rusticana</i>	2
77133 <i>uncultured bacterium</i>	2
353152 <i>Cryptosporidium parvu</i>	2
30408 <i>Crossoptilon crossopti</i>	2
416870 <i>Lactococcus lactis</i> sub	2
1553 <i>Clostridium tetanomorp</i>	2
1848 <i>Pseudonocardia therm</i>	2
2188 <i>Methanococcus voltae</i>	2
45596 <i>Candida tenuis</i>	1
11788 <i>Abelson murine leuker</i>	1
228330 <i>SARS coronavirus Urb</i>	1
9541 <i>Macaca fascicularis</i>	1
12336 <i>Clostridium phage c-st</i>	1
4511 <i>Eleusine coracana</i>	1
28503 <i>Sambucus ebulus</i>	1
10533 <i>Human adenovirus 1</i>	1
5286 <i>Rhodospiridium torulo</i>	1
95649 <i>Bothrops neuwiedi pal</i>	1
1426 <i>Geobacillus thermoglu</i>	1
10730 <i>Enterobacteria phage :</i>	1
445985 <i>Borrelia burgdorferi</i> ZS	1
5827 <i>Plasmodium cynomolg</i>	1
1642 <i>Listeria innocua</i>	1
35621 <i>Streptomyces mobara</i>	1
11066 <i>Dengue virus 2 Puerto</i>	1
167804 <i>Dipsochelys dussumie</i>	1
38868 <i>Salvia officinalis</i>	1
11283 <i>Vesicular stomatitis vir</i>	1
7244 <i>Drosophila virilis</i>	1
11960 <i>Avian myeloblastosis-ε</i>	1
59837 <i>Leiostomus xanthurus</i>	1
813 <i>Chlamydia trachomatis</i>	1
9793 <i>Equus asinus</i>	1
272944 <i>Rickettsia conorii</i> str. N	1
3914 <i>Vigna angularis</i>	1

Corrected

73044	<i>Streptomyces seoulensis</i>	1
1108	<i>Chloroflexus aurantiacus</i>	1
12814	<i>Respiratory syncytial virus (A229E)</i>	1
10308	<i>Herpes simplex virus (type 1)</i>	1
337052	<i>Bovine papillomavirus</i>	1
29323	<i>Thermoanaerobacter</i>	1
383561	<i>Influenza A virus (A/swine/Italy/045/99)</i>	1
32060	<i>Phormidium lapideum</i>	1
10863	<i>Enterobacteria phage lambda</i>	1
140437	<i>Streptomyces sp. R112</i>	1
1760	<i>Actinobacteria (class)</i>	1
11099	<i>Bovine viral diarrhoea virus</i>	1
6689	<i>Litopenaeus vannamei</i>	1
185447	<i>Parkia platycephala</i>	1
2021	<i>Thermobifida fusca</i>	1
346	<i>Xanthomonas citri</i>	1
11623	<i>Lymphocytic choriomeningitis virus</i>	1
3054	<i>Chlamydomonas moewusii</i>	1
260674	<i>Citrullus lanatus subsp. rotundifolius</i>	1
887	NA	1
77763	<i>Banna virus</i>	1
28039	<i>Lactobacillus leichmanii</i>	1
10370	<i>Human herpesvirus 6 (type 1)</i>	1
90736	<i>Moritella marina</i>	1
1400	<i>Bacillus intermedius</i>	1
418136	<i>Francisella tularensis sensu stricto</i>	1
5699	<i>Trypanosoma vivax</i>	1
113192	<i>Bothrops pirajai</i>	1
33953	<i>Clostridium aminobutylicum</i>	1
6352	NA	1
37487	<i>Marichromatium purpurum</i>	1
272	<i>Thermus caldophilus</i>	1
7004	<i>Locusta migratoria</i>	1
192952	<i>Methanosarcina mazei</i>	1
11791	<i>AKR (endogenous) murine</i>	1
3496	<i>Maclura pomifera</i>	1
668	<i>Vibrio fischeri</i>	1
269086	<i>Pseudomonas sp. SY-1</i>	1

Corrected

68170	<i>Lechevalieria aerocolo</i>	1
81841	<i>Pseudomonas sp. 130</i>	1
28572	<i>Penicillium funiculosun</i>	1
96471	<i>Bacillus sp. YM55-1</i>	1
31744	<i>Rice yellow mottle viru.</i>	1
452646	<i>Neovison vison</i>	1
129555	<i>Amphitrite ornata</i>	1
35670	<i>Naja naja</i>	1
1921	<i>Streptomyces olivaceo</i>	1
38945	<i>Flammulina velutipes</i>	1
11292	<i>Rabies virus</i>	1
7141	<i>Choristoneura fumifera</i>	1
199306	<i>Coccidioides posadasii</i>	1
7370	<i>Musca domestica</i>	1
212017	<i>Lethocerus indicus</i>	1
8665	<i>Ophiophagus hannah</i>	1
3654	<i>Citrullus lanatus</i>	1
61172	<i>Laguna Negra virus</i>	1
343250	<i>Daboia russellii siamensis</i>	1
4839	<i>Rhizomucor miehei</i>	1
85232	<i>Morus nigra</i>	1
29342	<i>Clostridium botulinum</i>	1
32536	<i>Acinonyx jubatus</i>	1
6185	<i>Schistosoma haematophyllum</i>	1
141716	<i>Monomastix sp. OKE-1</i>	1
36374	<i>Visna/maedi virus EV1</i>	1
11636	<i>Reticuloendotheliosis virus</i>	1
435	<i>Acetobacter aceti</i>	1
7801	<i>Ginglymostoma cirratum</i>	1
51350	<i>Brassica rapa subsp. r.</i>	1
298334	<i>Simian adenovirus A</i>	1
4092	<i>Nicotiana plumbaginifera</i>	1
28068	<i>Rubrivivax gelatinosus</i>	1
360102	<i>Yersinia pestis Antiqua</i>	1
90973	<i>Bacillus sp. TA2.A1</i>	1
30608	<i>Microcebus murinus</i>	1
419947	<i>Mycobacterium tuberculosis</i>	1
113636	<i>Populus tremula</i>	1

Corrected

1582	<i>Lactobacillus casei</i>	1
34007	<i>Paracoccus versutus</i>	1
11008	<i>Saccharomyces cerevisiae</i>	1
157732	<i>Rhodococcus sp. NCIM 1192</i>	1
1887	<i>Streptomyces albogriseolus</i>	1
37501	<i>Maackia amurensis</i>	1
43306	<i>Pseudomonas denitrificans</i>	1
45916	<i>Nostoc ellipsosporum</i>	1
228410	<i>Nitrosomonas europaea</i>	1
3501	<i>Urtica dioica</i>	1
269145	<i>Sulfolobus turreted ico</i>	1
82300	<i>Adeno-associated virus 1</i>	1
28737	<i>Elephantulus edwardii</i>	1
10560	<i>Bovine papillomavirus 1</i>	1
5319	<i>Irpex lacteus</i>	1
31749	<i>Obuda pepper virus</i>	1
5850	<i>Plasmodium knowlesi</i>	1
35688	<i>Porphyridium purpureum</i>	1
6454	<i>Haliotis rufescens</i>	1
169963	<i>Listeria monocytogene</i>	1
1924	<i>Streptomyces purpurascens</i>	1
39152	<i>Methanococcus mariprofanus</i>	1
7389	<i>Hypoderma lineatum</i>	1
213804	<i>Janthinobacterium sp.</i>	1
2337	<i>Thermotoga neapolitana</i>	1
563	<i>Escherichia blattae</i>	1
11986	<i>Carnation mottle virus</i>	1
243277	<i>Vibrio cholerae O1 bio</i>	1
61861	<i>Canavalia brasiliensis</i>	1
73475	<i>Chicken anemia virus 1</i>	1
13249	<i>Rhodnius prolixus</i>	1
344021	<i>Enterobacteria phage 1</i>	1
29388	<i>Staphylococcus capitis</i>	1
5539	<i>Scytalidium lignicola</i>	1
103904	<i>Coxsackievirus B3 (str.</i>	1
32603	<i>Human herpesvirus 6A</i>	1
10870	<i>Enterobacteria phage 1</i>	1
144185	<i>Leifsonia aquatica</i>	1

Corrected

188	<i>Magnetospirillum magi</i>	1
6706	<i>Homarus americanus</i>	1
186538	<i>Zaire ebolavirus</i>	1
2045	<i>Pimelobacter simplex</i>	1
40245	<i>Cucumaria echinata</i>	1
438	<i>Acetobacter pasteurianus</i>	1
11706	<i>HIV-1 M:B_HXB2R</i>	1
3088	<i>Scenedesmus obliquus</i>	1
8844	<i>Anser anser anser</i>	1
261594	<i>Bacillus anthracis str. 'Ames'</i>	1
65553	<i>Sulfurospirillum deleyianum</i>	1
300269	<i>Shigella sonnei Ss046</i>	1
78245	<i>Xanthobacter autotrophicus</i>	1
1270	<i>Micrococcus luteus</i>	1
28081	<i>Bordetella sp.</i>	1
91201	<i>Gastrodia elata</i>	1
115547	<i>uncultured archaeon</i>	1
1583	<i>Weissella confusa</i>	1
34028	<i>Comamonas sp.</i>	1
6396	<i>Eisenia fetida</i>	1
157791	<i>Vigna radiata</i>	1
11217	<i>Human parainfluenza virus 1</i>	1
7038	<i>Bemisia tabaci</i>	1
43759	<i>Streptomyces wedmorei</i>	1
2277	<i>Pyrobaculum islandicum</i>	1
45920	<i>Araneus diadematus</i>	1
229992	<i>SARS coronavirus Fra-2002</i>	1
55810	<i>Bulinus truncatus</i>	1
12118	<i>Foot-and-mouth disease virus</i>	1
3873	<i>Lupinus luteus</i>	1
69011	<i>Pseudomonas sp. C18</i>	1
10255	<i>Variola virus</i>	1
4550	<i>Secale cereale</i>	1
5322	<i>Pleurotus ostreatus</i>	1
97234	<i>Dryopteris crassirhizoides</i>	1
1434	<i>Bacillus thuringiensis serovar israelensis</i>	1
31902	<i>Dasyatis akajei</i>	1
1679	<i>Bifidobacterium longum</i>	1

Corrected

35703 <i>Citrobacter amalonatic</i>	1
11073 <i>Japanese encephalitis</i>	1
6456 <i>Haliotis fulgens</i>	1
39300 <i>Ectatomma tuberculatu</i>	1
7425 <i>Nasonia vitripennis</i>	1
214092 <i>Yersinia pestis CO92</i>	1
2378 <i>Sporomusa ovata</i>	1
47982 <i>Plexaura homomalla</i>	1
11988 <i>Turnip crinkle virus</i>	1
243365 <i>Chromobacterium violaceu</i>	1
62887 <i>Gliocladium</i>	1
10324 <i>Bovine herpesvirus type 1</i>	1
345073 <i>Vibrio cholerae O395</i>	1
29390 <i>Streptococcus gordonii</i>	1
10637 <i>Mouse polyomavirus (strain 12)</i>	1
5541 <i>Thermomyces lanuginosus</i>	1
6206 <i>Taenia saginata</i>	1
2093 <i>Mycoplasma</i>	1
40324 <i>Stenotrophomonas maltophilia</i>	1
442 <i>Gluconobacter oxydans</i>	1
7962 <i>Cyprinus carpio</i>	1
224914 <i>Brucella melitensis 16M</i>	1
3120 <i>Ulva pertusa</i>	1
52275 <i>Human adenovirus 37</i>	1
3750 <i>Malus x domestica</i>	1
65699 <i>Neisseria meningitidis</i>	1
907 <i>Megasphaera elsdenii</i>	1
10092 <i>Mus musculus domestica</i>	1
78447 <i>Corallina pilulifera</i>	1
28278 <i>Human adenovirus 19</i>	1
1584 <i>Lactobacillus delbrueckii</i>	1
34381 <i>Aspergillus japonicus</i>	1
37632 <i>Amycolatopsis sp.</i>	1
276 <i>Thermus filiformis</i>	1
11863 <i>Avian erythroblastosis</i>	1
8400 <i>Rana catesbeiana</i>	1
230105 <i>Methylophaga aminisui</i>	1
672 <i>Vibrio vulnificus</i>	1

Corrected

69014	<i>Thermococcus kodaka</i>	1
12538	<i>Mokola virus</i>	1
326425	<i>Lactobacillus helveticu</i>	1
82835	NA	1
28896	<i>Thermoanaerobacteriu</i>	1
1445	<i>Bacillus alcalophilus</i>	1
10761	<i>Enterobacteria phage</i>	1
129951	<i>Human adenovirus C</i>	1
1680	<i>Bifidobacterium adoles</i>	1
171101	<i>Streptococcus pneumo</i>	1
39443	<i>Carnation Italian rings</i>	1
11351	NA	1
7460	<i>Apis mellifera</i>	1
216371	<i>Penicillium stoloniferur</i>	1
2465	<i>Plasmid F</i>	1
12017	<i>Enterobacteria phage i</i>	1
9844	<i>Lama glama</i>	1
273068	<i>Thermoanaerobacter t</i>	1
3983	<i>Manihot esculenta</i>	1
74567	<i>Flavobacterium sp. AT</i>	1
1147	<i>Synechocystis sp. PC</i>	1
13616	<i>Monodelphis domestic</i>	1
29438	<i>Pseudomonas savasta</i>	1
390157	<i>Seneca valley virus</i>	1
5554	<i>Trichosporon cutaneur</i>	1
1511	<i>Clostridium sticklandii</i>	1
6238	<i>Caenorhabditis briggsa</i>	1
145263	<i>Methanothermobacter</i>	1
36659	<i>Volvariella volvacea</i>	1
6715	<i>Astacus astacus</i>	1
2094	<i>Mycoplasma arginini</i>	1
361	<i>Agrobacterium sp.</i>	1
11670	<i>Equine infectious anem</i>	1
471	<i>Acinetobacter calcoac</i>	1
3316	<i>Thuja plicata</i>	1
52853	<i>Silene latifolia subsp. e</i>	1
8932	<i>Columba livia</i>	1
3816	<i>Abrus precatorius</i>	1

Corrected

66188	<i>Micropechis ikaheka</i>	1
12287	<i>Flock house virus</i>	1
5079	<i>Penicillium janthinellum</i>	1
92652	<i>Shrimp white spot syndrome virus</i>	1
1408	<i>Bacillus pumilus</i>	1
31234	<i>Caenorhabditis remanei</i>	1
10711	<i>Enterobacteria phage lambda</i>	1
425529	<i>Influenza A virus (A/Alaska/595/1953)</i>	1
5741	<i>Giardia intestinalis</i>	1
1585	<i>Lactobacillus delbrueckii</i>	1
34413	<i>Humicola insolens</i>	1
11036	<i>Venezuelan equine encephalomyelitis virus</i>	1
6410	<i>Haementeria officinalis</i>	1
158879	<i>Staphylococcus aureus</i>	1
1897	<i>Streptomyces carzinos</i>	1
37682	<i>Aegilops tauschii</i>	1
44270	<i>Leishmania mexicana</i>	1
46018	<i>Human echovirus 7</i>	1
536	<i>Chromobacterium violaceum</i>	1
11873	<i>Avian musculoaponeurotic lymphoma virus</i>	1
8403	<i>Rana perezi</i>	1
230624	<i>Trametes ochracea</i>	1
3559	<i>Chenopodium album</i>	1
56812	<i>Shewanella frigidimarina</i>	1
686	<i>Vibrio cholerae O1 biovar cholerae</i>	1
12541	<i>Nudaurelia capensis ovalis</i>	1
10259	<i>Orf virus (strain NZ2)</i>	1
329852	<i>Enterobacteria phage lambda</i>	1
83131	<i>Cratylia argentea</i>	1
380983	<i>Influenza A virus (A/Leiden/20/1955)</i>	1
5346	<i>Coprinopsis cinerea</i>	1
99565	<i>Chiba virus</i>	1
1449	<i>Amphibacillus xylanus</i>	1
517417	<i>Chlorobaculum parvum</i>	1
35806	<i>Rhodovulum sulfidophilum</i>	1
175771	<i>Heteractis crispa</i>	1
1932	<i>Streptomyces tendae</i>	1
39682	<i>Viridovipera stejnegeri</i>	1

Corrected

7168 <i>Anopheles dirus</i>	1
204723 <i>Peniophora</i> sp. SG	1
7668 <i>Strongylocentrotus pur</i>	1
2489 <i>Plasmid R483</i>	1
584 <i>Proteus mirabilis</i>	1
12022 <i>Enterobacterio phage</i>	1
63330 <i>Hendra virus</i>	1
75891 <i>Thermus</i> sp. IM6501	1
13686 <i>Solenopsis invicta</i>	1
10329 <i>Equine herpesvirus typ</i>	1
347515 <i>Leishmania major strai</i>	1
86600 <i>Discosoma</i> sp.	1
29459 <i>Brucella melitensis</i>	1
392809 <i>Influenza A virus (A/Vi</i>	1
105402 <i>Zoanthus</i> sp.	1
1512 <i>Clostridium symbiosun</i>	1
33178 <i>Aspergillus terreus</i>	1
1823 <i>Nocardia otitidiscaviar</i>	1
11122 <i>Avian infectious broncl</i>	1
6728 <i>Procambarus clarkii</i>	1
40410 <i>Cryptococcus neoform</i>	1
472 <i>Acinetobacter</i> sp.	1
11716 <i>Human immunodeficie</i>	1
52861 <i>Tabernaemontana diva</i>	1
66431 <i>Streptomyces thioluteu</i>	1
301887 <i>Echinophyllia</i> sp. SC22	1
79261 <i>Streptomyces castane</i>	1
1288 <i>Staphylococcus xylosu</i>	1
360398 <i>Staphylococcus phage</i>	1
31285 <i>Trypanosoma brucei g</i>	1
431947 <i>Porphyromonas gingiv</i>	1
5755 <i>Acanthamoeba castelli</i>	1
118974 <i>Stromatopelma griseip</i>	1
34631 <i>Rhipicephalus append</i>	1
11047 <i>Equine arteritis virus</i>	1
6419 <i>Hirudinaria manillensis</i>	1
160268 <i>Clonostachys</i>	1
37734 <i>Enterococcus casselifl</i>	1

Corrected

196627	<i>Corynebacterium glut</i>	1
46170	<i>Staphylococcus aureu</i>	1
237561	<i>Candida albicans SC5</i>	1
58217	<i>Loxosceles laeta</i>	1
713	<i>Actinobacillus</i>	1
12558	<i>Sesbania mosaic virus</i>	1
329853	<i>Enterobacteria phage</i>	1
381517	<i>Influenza A virus (A/Uc</i>	1
5353	<i>Lentinula edodes</i>	1
99571	<i>Dioclea guianensis</i>	1
1467	<i>Bacillus lentus</i>	1
32044	<i>Pseudomonas mevalo</i>	1
130309	<i>Human adenovirus F</i>	1
1717	<i>Corynebacterium dipht</i>	1
1938	<i>Streptomyces viridochi</i>	1
39803	<i>Enterobacteria phage</i>	1
322	<i>Pseudomonas syringa</i>	1
11531	<i>Influenza B virus (STR</i>	1
7719	<i>Ciona intestinalis</i>	1
49577	<i>Costus speciosus</i>	1
8722	<i>Bothrops asper</i>	1
12222	<i>Soybean mosaic virus</i>	1
4043	<i>Petroselinum crispum</i>	1
76114	<i>Aromatoleum aromatic</i>	1
10331	<i>Equid herpesvirus 4</i>	1
4920	<i>Pichia farinosa</i>	1
29461	<i>Brucella suis</i>	1
10677	<i>Enterobacteria phage</i>	1
394503	<i>Clostridium cellulolyticu</i>	1
37114	<i>Human papillomavirus</i>	1
228	<i>Pseudoalteromonas ha</i>	1
11128	<i>Bovine coronavirus</i>	1
6772	<i>Celuca pugilator</i>	1
476	<i>Moraxella bovis</i>	1
8049	<i>Gadus morhua</i>	1
3349	<i>Pinus sylvestris</i>	1
52969	<i>Ascophyllum nodosum</i>	1
264730	<i>Pseudomonas syringa</i>	1

Corrected

66690	<i>NA</i>	1
921	<i>Starkeya novella</i>	1
306263	<i>Campylobacter lari RM</i>	1
4120	<i>Ipomoea batatas</i>	1
28344	<i>Porcine reproductive a</i>	1
10450	<i>Orgyia pseudotsugata</i>	1
92829	<i>Xanthomonas axonop</i>	1
1411	<i>Bacillus akibai</i>	1
31531	<i>Vaccinia virus L-IPV</i>	1
10714	<i>Corynephage omega</i>	1
432528	<i>Grammostola rosea</i>	1
5759	<i>Entamoeba histolytica</i>	1
1589	<i>Lactobacillus pentosus</i>	1
34649	<i>Mesobuthus martensii</i>	1
160490	<i>Streptococcus pyogen</i>	1
37762	<i>Escherichia coli B</i>	1
11250	<i>Human respiratory syn</i>	1
44822	<i>Microcystis viridis</i>	1
46245	<i>Drosophila pseudoobs</i>	1
237895	<i>Cryptosporidium homin</i>	1
3567	<i>Amaranthus caudatus</i>	1
58226	<i>Comamonas sp. JS76</i>	1
272631	<i>Mycobacterium leprae</i>	1
3891	<i>Psophocarpus tetrago</i>	1
70821	<i>Desmodium yellow mo</i>	1
12618	<i>Chicken anemia virus</i>	1
4615	<i>Ananas comosus</i>	1
1334	<i>Streptococcus dysgala</i>	1
10623	<i>Cottontail rabbit papillc</i>	1
10829	<i>Squash leaf curl virus</i>	1
538123	<i>Mammalian orthoreovi</i>	1
132504	<i>Influenza A virus (A/X-</i>	1
178306	<i>Pyrobaculum aerophil</i>	1
1950	<i>Streptomyces peuceti</i>	1
7225	<i>Scaptodrosophila leba</i>	1
7723	<i>Polyandrocarpa misaka</i>	1
221204	<i>Hieracium pilosella</i>	1
2771	<i>Cyanidium caldarium</i>	1

Corrected

49817	<i>Erythrina crista-galli</i>	1
587	<i>Providencia rettgeri</i>	1
3691	<i>Populus nigra</i>	1
63559	<i>Penicillium amagasaki</i>	1
280048	<i>Copaifera langsdorffii</i>	1
4072	<i>Capsicum annuum</i>	1
76275	<i>Rhodococcus sp. R312</i>	1
349102	<i>Rhodobacter sphaeroides</i>	1
29549	<i>Rhodothermus marinus</i>	1
404579	<i>Pseudomonas sp. PS-1</i>	1
108619	<i>Salmonella enterica subsp. enterica</i>	1
33900	<i>Streptomyces murinus</i>	1
148603	<i>Mycobacterium phage</i>	1
37122	<i>Human papillomavirus</i>	1
6853	<i>Tachypleus tridentatus</i>	1
2130	<i>Ureaplasma urealyticum</i>	1
382	<i>Sinorhizobium meliloti</i>	1
3352	<i>Pinus taeda</i>	1
53412	<i>Pseudomonas resinovorans</i>	1
648	<i>Aeromonas punctata</i>	1
9430	<i>Desmodium rotundum</i>	1
264732	<i>Moorella thermoacetica</i>	1
3837	<i>Dioclea grandiflora</i>	1
66695	<i>Citrobacter intermedius</i>	1
12303	<i>Cowpea chlorotic mottle virus</i>	1
309800	<i>Haloferax volcanii DS2</i>	1
79679	<i>Thermococcus sp. KS-1</i>	1
364106	<i>Escherichia coli UT189</i>	1
31552	<i>Human papillomavirus</i>	1
10715	<i>Staphylococcus phage</i>	1
35170	<i>Corallina officinalis</i>	1
161736	<i>Pseudomonas phage phi</i>	1
37919	<i>Rhodococcus opacus</i>	1
11251	<i>Human respiratory syncytial virus</i>	1
2243	<i>Halobacterium sp.</i>	1
45151	<i>Pyrenophora tritici-repens</i>	1
549	<i>Pantoea agglomerans</i>	1
242619	<i>Porphyromonas gingivae</i>	1

Corrected

3570 <i>Dianthus caryophyllus</i>	1
272634 <i>Mycoplasma pneumon</i>	1
3902 <i>Ulex europaeus</i>	1
70863 <i>Shewanella oneidensis</i>	1
4641 <i>Musa acuminata</i>	1
1479 <i>Bacillus smithii</i>	1
32049 <i>Synechococcus sp. PC</i>	1
10843 <i>Enterobacteria phage</i>	1
542959 <i>BPP-1-like phages</i>	1
35933 <i>Podophyllum peltatum</i>	1
84 <i>Hyphomicrobium meth</i>	1
6561 <i>Scapharca inaequivalv</i>	1
329 <i>Ralstonia pickettii</i>	1
7748 <i>Lampetra fluviatilis</i>	1
222737 <i>NA</i>	1
49899 <i>Thermococcus profunc</i>	1
592 <i>NA</i>	1
12054 <i>unidentified tobacco ne</i>	1
8729 <i>Crotalus adamanteus</i>	1
257311 <i>Bordetella parapertuss</i>	1
3693 <i>Populus tremuloides</i>	1
64091 <i>Halobacterium sp. NR</i>	1
12230 <i>Turnip mosaic virus</i>	1
282458 <i>Staphylococcus aureus</i>	1
76854 <i>Shewanella massilia</i>	1
1172 <i>Anabaena variabilis</i>	1
13818 <i>Adiantum capillus-ven</i>	1
88764 <i>Conus episcopatus</i>	1
1397 <i>Bacillus circulans</i>	1
10679 <i>Enterobacteria phage</i>	1
405212 <i>Alicyclobacillus acidoc</i>	1
33903 <i>Streptomyces avermiti</i>	1
10927 <i>Bovine rotavirus</i>	1
6282 <i>Onchocerca volvulus</i>	1
154834 <i>Panicum mosaic satell</i>	1
37133 <i>Tula virus</i>	1
192168 <i>Arthrobacter sp. C2-2</i>	1
40979 <i>Cocksfoot mottle virus</i>	1

Corrected

11733	<i>Simian immunodefici</i>	1
8090	<i>Oryzias latipes</i>	1
658	<i>Photobacterium leiogn</i>	1
12088	<i>Poliovirus type 3 (strai</i>	1
67723	<i>Amanita phalloides</i>	1
940	<i>Hydrogenobacter therr</i>	1
12305	<i>Cucumber mosaic viru</i>	1
4265	<i>Cynara cardunculus</i>	1
79930	<i>Methanothermobacter</i>	1
1302	<i>Streptococcus gordon</i>	1
367830	<i>Staphylococcus aureu</i>	1
5207	<i>Filobasidiella neoform</i>	1
437607	<i>Influenza A virus (A/hv</i>	1
35304	<i>Bunyamwera virus</i>	1
6431	<i>Urechis caupo</i>	1
7116	<i>Pieris brassicae</i>	1
46758	<i>Lobophyllia hemprichii</i>	1
8644	<i>Naja mossambica</i>	1
3619	<i>Rumex obtusifolius</i>	1
9739	<i>Tursiops truncatus</i>	1
10301	<i>Herpes simplex virus (</i>	1
4670	<i>Galanthus nivalis</i>	1
102203	<i>Favia fava</i>	1
6118	<i>Entacmaea quadricolo</i>	1
134821	<i>Ureaplasma parvum</i>	1
35936	<i>Lablab purpureus</i>	1
11090	<i>Yellow fever virus 17D</i>	1
182271	<i>Pterocarpus angolensi</i>	1
1963	<i>Streptomyces olivochr</i>	1
40001	<i>Cellulomonas sp.</i>	1
7240	<i>Drosophila simulans</i>	1
12242	<i>Tobacco mosaic virus</i>	1
76935	<i>Bacillus agaradhaeren</i>	1
1188	<i>Tolypothrix sp. PCC 7</i>	1
352525	<i>Influenza A virus (A/du</i>	1
4934	<i>Lachancea kluyveri</i>	1
30308	<i>Ichthyomyzon unicusp</i>	1
10680	<i>Enterobacteria phage</i>	1

Corrected

408870	<i>Dengue virus 3 Philipp</i>	1
1550	<i>Clostridium subtermina</i>	1
33931	<i>Bacillus caldovelox</i>	1
10969	<i>Rhesus rotavirus</i>	1
6334	<i>Trichinella spiralis</i>	1
192222	<i>Campylobacter jejuni s</i>	1
2186	<i>Methanothermococcus</i>	1
491	<i>Neisseria meningitidis</i>	1
54571	<i>Streptomyces venezue</i>	1
659	<i>Photobacterium phosp</i>	1
12092	<i>Hepatitis A virus</i>	1
266835	<i>Mesorhizobium loti MA</i>	1
964	<i>Herbaspirillum serope</i>	1
12315	<i>Tomato aspermy virus</i>	1
311400	<i>Thermococcus kodaka</i>	1
80866	<i>Delftia acidovorans</i>	1
28502	<i>Amaranthus hypochon</i>	1
10726	<i>Enterobacteria phage</i>	1
35345	<i>Lactococcus phage TF</i>	1
167644	<i>Ilyobacter tartaricus</i>	1
1914	<i>Streptomyces lavendu</i>	1
38577	<i>Bufo arenarum</i>	1
11278	<i>Vesicular stomatitis Inc</i>	1
7123	<i>Hyalophora cecropia</i>	1
7242	<i>Drosophila sp.</i>	1
2327	<i>Methylophilus methylo</i>	1
8649	<i>Naja kaouthia</i>	1
3627	<i>Actinidia deliciosa</i>	1
59511	<i>Pseudomonas syringa</i>	1
735	<i>Haemophilus parahaem</i>	1
12139	<i>Southern bean mosaic</i>	1
3911	<i>Vicia villosa</i>	1
72539	<i>Physalis mottle virus</i>	1
10304	<i>Herpes simplex virus (</i>	1
29309	<i>Streptomyces verticillu</i>	1
5499	<i>Passalora fulva</i>	1
32059	<i>Phormidium laminosur</i>	1
11091	NA	1

Corrected

6644	<i>NA</i>	1
185431	<i>Trypanosoma brucei T</i>	1
2017	<i>Streptoalloteichus hinc</i>	1
40050	<i>African horsesickness</i>	1
340	<i>Xanthomonas campes</i>	1
2788	<i>Porphyra yezoensis</i>	1
50472	<i>Hordeum sp.</i>	1
64608	<i>Agrocybe cylindracea</i>	1
882	<i>Desulfovibrio vulgaris s</i>	1
290338	<i>Citrobacter koseri ATC</i>	1
18101	<i>Gerbera hybrid cultivar</i>	1
5053	<i>Aspergillus aculeatus</i>	1
90370	<i>Salmonella enterica su</i>	1
1399	<i>Bacillus firmus</i>	1
10683	<i>Bacillus phage PBS1</i>	1
33950	<i>Thermoanaerobacteriu</i>	1
6339	<i>Heligmosomoides poly</i>	1
6956	<i>Dermatophagoides pte</i>	1
192387	<i>Alicyclobacillus sendai</i>	1