

## Summary

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

NCBI taxonomy identifier	Name	Number of interactions
4932	Saccharomyces cerevisiae	116710
9606	Homo sapiens	110039
7227	Drosophila melanogaster	46698
40674	Mammalia	35023
6239	Caenorhabditis elegans	12188
562	Escherichia coli	12090
197	Campylobacter jejuni	12025
10090	Mus musculus	11636
284812	Schizosaccharomyces pombe 972h-	11556
3702	Arabidopsis thaliana	5410
10116	Rattus norvegicus	4265
160	Treponema pallidum	3647
83333	Escherichia coli K-12	3505
1142	Synechocystis	3057
36329	Plasmodium falciparum 3D7	2758

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

NCBI taxonomy identifier	Name	Number of interactions
9606	Homo sapiens	120548
4932	Saccharomyces cerevisiae	116702
7227	Drosophila melanogaster	46702
6239	Caenorhabditis elegans	12188
197	Campylobacter jejuni	12025
4896	Schizosaccharomyces pombe	11878
83333	Escherichia coli K-12	10996
10090	Mus musculus	10241
3702	Arabidopsis thaliana	5416
155864	Escherichia coli O157:H7 EDL933	4928
160	Treponema pallidum	3647
10116	Rattus norvegicus	3435
1148	Synechocystis sp. PCC 6803	3168
36329	Plasmodium falciparum 3D7	2758
83334	Escherichia coli O157:H7	2560

Original

ICBI taxonomy identifie	Name	lumber of interactions
4932	Saccharomyces cerevisiae	116710
9606	Homo sapiens	110039
7227	Drosophila melanogaster	46698
40674	Mammalia	35023
6239	Caenorhabditis elegans	12188
562	Escherichia coli	12090
197	Campylobacter jejuni	12025
10090	Mus musculus	11636
284812	Schizosaccharomyces pombe 972h	11556
3702	Arabidopsis thaliana	5410
10116	Rattus norvegicus	4265
160	Treponema pallidum	3647
83333	Escherichia coli K-12	3505
1142	Synechocystis	3057
36329	Plasmodium falciparum 3D7	2758
83334	Escherichia coli O157:H7	2562
-8 \N		1919
85962	Helicobacter pylori 26695	1599
210	Helicobacter pylori	1572
11676	Human immunodeficiency virus 1	1327
9913	Bos taurus	963
4896	Schizosaccharomyces pombe	719
32630	synthetic construct	560
4530	Oryza sativa	501
0 \N		472
1148	Synechocystis sp. PCC 6803	453
246197	Myxococcus xanthus DK 1622	377
9031	Gallus gallus	317
8355	Xenopus laevis	314
10376	Human herpesvirus 4	304
217992	Escherichia coli O6	296
272951	Rickettsia sibirica 246	284
333284	Hepatitis C virus (isolate Con1)	282
274	Thermus thermophilus	228
39947	Oryza sativa Japonica Group	223
1423	Bacillus subtilis	212
10335	Human herpesvirus 3	174
9986	Oryctolagus cuniculus	172

## Original

9823 <i>Sus scrofa</i>	163
623 <i>Shigella flexneri</i>	159
170187 <i>Streptococcus pneumoniae</i> TIGR4	155
-2 \N	144
10377 Human herpesvirus 4 (strain B95-8)	141
2336 <i>Thermotoga maritima</i>	132
333760 Human papillomavirus type 16	127
53953 <i>Pyrococcus horikoshii</i>	125
11103 Hepatitis C virus	121
602 \N	119
1773 <i>Mycobacterium tuberculosis</i>	115
37296 Human herpesvirus 8	115
10299 Herpes simplex virus (type 1 / strair	114
287 <i>Pseudomonas aeruginosa</i>	104
44689 <i>Dictyostelium discoideum</i>	100
10254 <i>Vaccinia virus</i> WR	93
10633 Simian virus 40	91
4102 <i>Petunia x hybrida</i>	89
10070 <i>Akodon aerosus</i>	89
146786 <i>Thermosynechococcus elongatus</i>	86
3888 <i>Pisum sativum</i>	84
28285 Human adenovirus 5	79
3562 <i>Spinacia oleracea</i>	78
1422 <i>Geobacillus stearothermophilus</i>	75
7955 <i>Danio rerio</i>	73
1280 <i>Staphylococcus aureus</i>	72
4565 <i>Triticum aestivum</i>	64
10245 <i>Vaccinia virus</i>	62
1063 <i>Rhodobacter sphaeroides</i>	60
303 <i>Pseudomonas putida</i>	59
5691 <i>Trypanosoma brucei</i>	59
727 <i>Haemophilus influenzae</i>	57
9615 <i>Canis lupus familiaris</i>	55
3055 <i>Chlamydomonas reinhardtii</i>	53
2261 <i>Pyrococcus furiosus</i>	51
333761 Human papillomavirus type 18	51
190486 <i>Xanthomonas axonopodis</i> pv. <i>citri</i> s	51
11320 Influenza A virus	50
4113 <i>Solanum tuberosum</i>	46

## Original

4081 <i>Solanum lycopersicum</i>	46
2287 <i>Sulfolobus solfataricus</i>	46
4577 <i>Zea mays</i>	44
32046 <i>Synechococcus elongatus</i>	44
2190 <i>Methanocaldococcus jannaschii</i>	43
6421 <i>Hirudo medicinalis</i>	43
266 <i>Paracoccus denitrificans</i>	42
271 <i>Thermus aquaticus</i>	41
2234 <i>Archaeoglobus fulgidus</i>	41
11908 Human T-lymphotropic virus 1	40
4097 <i>Nicotiana tabacum</i>	40
10580 Human papillomavirus type 11	39
10407 Hepatitis B virus	39
358 <i>Agrobacterium tumefaciens</i>	38
2238 <i>Haloarcula marismortui</i>	38
10559 Bovine papillomavirus type 1	38
10760 Enterobacteria phage T7	38
5833 <i>Plasmodium falciparum</i>	37
4513 <i>Hordeum vulgare</i>	37
145262 <i>Methanothermobacter thermautotro</i>	34
63363 <i>Aquifex aeolicus</i>	34
187420 <i>Methanothermobacter thermautotro</i>	33
243274 <i>Thermotoga maritima</i> MSB8	33
1895 <i>Streptomyces avidinii</i>	32
10298 Human herpesvirus 1	32
1390 <i>Bacillus amyloliquefaciens</i>	32
10665 Enterobacteria phage T4	32
31647 Hepatitis C virus subtype 1b	31
666 <i>Vibrio cholerae</i>	31
9534 <i>Chlorocebus aethiops</i>	31
9103 <i>Meleagris gallopavo</i>	30
1140 <i>Synechococcus elongatus</i> PCC 794	29
10515 Human adenovirus 2	29
-1 \N	29
1392 <i>Bacillus anthracis</i>	29
573 <i>Klebsiella pneumoniae</i>	28
10249 Vaccinia virus Copenhagen	27
176299 <i>Agrobacterium tumefaciens</i> str. C58	26
1313 <i>Streptococcus pneumoniae</i>	26

## Original

208964 <i>Pseudomonas aeruginosa</i> PAO1	26
1314 <i>Streptococcus pyogenes</i>	26
11309 unidentified influenza virus	25
28282 Human adenovirus 12	24
1911 <i>Streptomyces griseus</i>	24
360111 <i>Campylobacter jejuni</i> subsp. <i>jejuni</i> (	24
354 <i>Azotobacter vinelandii</i>	23
354242 <i>Campylobacter jejuni</i> subsp. <i>jejuni</i> (	23
1299 <i>Deinococcus radiodurans</i>	23
83541 <i>Mastigocladus laminosus</i>	23
5476 <i>Candida albicans</i>	22
155892 <i>Caulobacter vibrioides</i>	22
10029 <i>Cricetulus griseus</i>	22
300852 <i>Thermus thermophilus</i> HB8	21
83332 <i>Mycobacterium tuberculosis</i> H37Rv	21
5116 <i>Cryphonectria parasitica</i>	21
10710 <i>Enterobacteria phage lambda</i>	21
4922 <i>Pichia pastoris</i>	20
9598 <i>Pan troglodytes</i>	20
9796 <i>Equus caballus</i>	20
11886 Rous sarcoma virus	20
5141 <i>Neurospora crassa</i>	20
1061 <i>Rhodobacter capsulatus</i>	20
12133 \N	19
306 <i>Pseudomonas</i> sp.	19
85963 <i>Helicobacter pylori</i> J99	19
12110 Foot-and-mouth disease virus	19
2303 <i>Thermoplasma acidophilum</i>	19
227859 SARS coronavirus	17
615 <i>Serratia marcescens</i>	17
28451 <i>Klebsiella aerogenes</i>	17
632 <i>Yersinia pestis</i>	17
1351 <i>Enterococcus faecalis</i>	17
70601 <i>Pyrococcus horikoshii</i> OT3	16
1491 <i>Clostridium botulinum</i>	16
556 <i>Erwinia chrysanthemi</i>	16
10117 <i>Rattus rattus</i>	16
520 <i>Bordetella pertussis</i>	16
56636 <i>Aeropyrum pernix</i>	16

## Original

10600 Human papillomavirus type 6b	16
7787 <i>Torpedo californica</i>	15
11679 Human immunodeficiency virus type 1	15
4151 <i>Antirrhinum majus</i>	15
9940 <i>Ovis aries</i>	15
630 <i>Yersinia enterocolitica</i>	15
9838 <i>Camelus dromedarius</i>	15
1358 <i>Lactococcus lactis</i>	14
1902 <i>Streptomyces coelicolor</i>	14
5693 <i>Trypanosoma cruzi</i>	14
99287 <i>Salmonella enterica</i> subsp. <i>enterica</i>	14
12721 Human immunodeficiency virus 1	14
3858 <i>Lathyrus ochrus</i>	14
1502 <i>Clostridium perfringens</i>	14
1393 <i>Brevibacillus brevis</i>	14
360110 <i>Campylobacter jejuni</i> subsp. <i>jejuni</i> strain 82-4	14
283166 <i>Bartonella henselae</i> str. Houston-1	14
8616 <i>Bungarus multicinctus</i>	14
12215 Potato virus A	13
1079 <i>Blastochloris viridis</i>	13
13773 <i>Pyrobaculum aerophilum</i>	13
11234 Measles virus	13
1085 <i>Rhodospirillum rubrum</i>	13
10585 Human papillomavirus type 31	13
3847 <i>Glycine max</i>	13
32644 unidentified	13
211044 Influenza A virus (A/Puerto Rico/8/32)	13
31531 Vaccinia virus L-IPV	13
197221 <i>Thermosynechococcus elongatus</i> E	13
10036 <i>Mesocricetus auratus</i>	13
186497 <i>Pyrococcus furiosus</i> DSM 3638	13
12130 Human rhinovirus 2	13
11276 Vesicular stomatitis virus	13
3823 <i>Canavalia ensiformis</i>	12
11709 Human immunodeficiency virus 2	12
31199 <i>Argopecten irradians</i>	12
11723 Simian immunodeficiency virus	12
11623 Lymphocytic choriomeningitis virus	12
11084 Tick-borne encephalitis virus	12

## Original

10754 Enterobacteria phage P22	12
11060 Dengue virus 2	12
294 Pseudomonas fluorescens	12
1396 Bacillus cereus	12
1515 Clostridium thermocellum	12
414 Methylococcus capsulatus	11
10678 Enterobacteria phage P1	11
511 Alcaligenes faecalis	11
11105 Hepatitis C virus (isolate BK)	11
3489 Artocarpus heterophyllus	11
5811 Toxoplasma gondii	11
1639 Listeria monocytogenes	11
10141 Cavia porcellus	11
139 Borrelia burgdorferi	11
1916 Streptomyces lividans	11
633 Yersinia pseudotuberculosis	11
7757 Petromyzon marinus	11
32053 Thermosynechococcus vulcanus	10
601 \N	10
10581 \N	10
11108 Hepatitis C virus (isolate H)	10
1833 Rhodococcus erythropolis	10
11475 \N	10
224308 Bacillus subtilis subsp. subtilis str. 1	10
1168 Nostoc sp. PCC 7119	10
12075 Swine vesicular disease virus	10
243233 Methylococcus capsulatus str. Bath	10
323 Pseudomonas syringae pv. tomato	10
12081 Human poliovirus 1 Mahoney	10
-3 \N	10
11191 Sendai virus	9
844 Wolinella succinogenes	9
2208 Methanosarcina barkeri	9
5664 Leishmania major	9
190386 Agrobacterium tumefaciens (strain	9
11685 HIV-1 M:B_ARV2/SF2	9
1427 Bacillus thermoproteolyticus	9
1901 Streptomyces clavuligerus	9
12637 Dengue virus	9

## Original

10583 Human papillomavirus type 1a	9
10635 Mouse polyomavirus (strain 3)	9
7091 Bombyx mori	9
10359 Human herpesvirus 5	9
6621 Loligo pealei	9
5702 Trypanosoma brucei brucei	9
224325 Archaeoglobus fulgidus DSM 4304	9
10360 Human herpesvirus 5 strain AD169	9
7224 Drosophila hydei	9
73239 Plasmodium yoelii yoelii	9
3885 Phaseolus vulgaris	8
4558 Sorghum bicolor	8
6398 Lumbricus terrestris	8
510 \N	8
2320 Methanopyrus kandleri	8
10579 Human papillomavirus type 8	8
1260 Fingoldia magna	8
11678 Human immunodeficiency virus type 1	8
6500 Aplysia californica	8
12088 Poliovirus type 3 (strains P3/LEON/69)	8
10891 Reovirus sp.	8
8656 Naja atra	8
97228 Daboia russellii pulchella	8
10847 Enterobacteria phage phiX174	8
317 Pseudomonas syringae	8
3649 Carica papaya	8
10684 Bacillus phage PBS2	8
238 Elizabethkingia meningoseptica	8
4100 Nicotiana benthamiana	8
11901 Bovine leukemia virus	7
1352 Enterococcus faecium	7
10804 Adeno-associated virus - 2	7
36409 Rinderpest virus (strain RBOK)	7
5911 Tetrahymena thermophila	7
3457 Dioscoreophyllum cumminsii	7
11599 Hantaan virus	7
7788 Torpedo marmorata	7
132504 Influenza A virus (A/X-31(H3N2))	7
10527 Human adenovirus 9	7



## Original

103690 Nostoc sp. PCC 7120	7
227321 Aspergillus nidulans FGSC A4	7
1402 Bacillus licheniformis	7
7067 Tenebrio molitor	7
7153 Chironomus tentans	7
12069 Human coxsackievirus A21	7
669 Vibrio harveyi	7
1404 Bacillus megaterium	7
4084 Solanum pimpinellifolium	7
881 Desulfovibrio vulgaris	7
285 Comamonas testosteroni	7
69 Lysobacter enzymogenes	7
10756 Bacillus phage phi29	7
45659 Human adenovirus 3	7
8846 Anser indicus	7
9825 Sus scrofa domestica	7
3544 Mesembryanthemum crystallinum	7
158 Treponema denticola	7
8618 Dendroaspis angusticeps	7
12208 Pea seed-borne mosaic virus	7
5558 \N	7
585 Proteus vulgaris	7
11801 Moloney murine leukemia virus	7
296 Pseudomonas fragi	7
44130 Human rhinovirus 3	6
111955 Sulfolobus tokodaii	6
226185 Enterococcus faecalis V583	6
5656 Crithidia fasciculata	6
8724 Bothrops jararaca	6
10884 Mammalian orthoreovirus 1 Lang	6
3988 Ricinus communis	6
12084 Poliovirus type 2 (strain Lansing)	6
550 Enterobacter cloacae	6
46633 Human echovirus 1	6
12064 Bovine enterovirus	6
1525 Moorella thermoacetica	6
5791 Physarum polycephalum	6
876 Desulfovibrio desulfuricans	6
6253 Ascaris suum	6

## Original

162425 <i>Emericella nidulans</i>	6
47421 <i>Hydrogenophaga pseudoflava</i>	6
12067 Human coxsackievirus A9	6
730 <i>Haemophilus ducreyi</i>	6
879 <i>Desulfovibrio gigas</i>	6
1752 <i>Propionibacterium freudenreichii</i> su	6
8839 <i>Anas platyrhynchos</i>	6
41529 <i>Salmonella enterica</i> subsp. <i>enterica</i>	6
1167 <i>Anabaena</i> sp.	6
2166 \N	6
3708 <i>Brassica napus</i>	6
2285 <i>Sulfolobus acidocaldarius</i>	6
1049 <i>Allochromatium vinosum</i>	6
42897 <i>Shigella flexneri</i> 2a	6
421877 Hepatitis C virus isolate HC-J1	6
12078 Human echovirus 11	6
10658 <i>Enterobacteria phage PRD1</i>	6
485 <i>Neisseria gonorrhoeae</i>	6
2286 <i>Sulfolobus shibatae</i>	6
3972 <i>Viscum album</i>	6
3712 <i>Brassica oleracea</i>	6
1131 <i>Synechococcus</i> sp.	6
83374 <i>Galdieria partita</i>	6
487 <i>Neisseria meningitidis</i>	6
5855 <i>Plasmodium vivax</i>	6
408 <i>Methylobacterium extorquens</i>	6
2026 <i>Thermoactinomyces vulgaris</i>	6
11673 Feline immunodeficiency virus	5
5482 <i>Candida tropicalis</i>	5
11033 Semliki forest virus	5
112509 <i>Hordeum vulgare</i> subsp. <i>vulgare</i>	5
847 <i>Oxalobacter formigenes</i>	5
195058 <i>Naja sagittifera</i>	5
5061 <i>Aspergillus niger</i>	5
10624 Polyomavirus	5
6707 <i>Homarus gammarus</i>	5
272943 <i>Rhodobacter sphaeroides</i> 2.4.1	5
1076 <i>Rhodopseudomonas palustris</i>	5
216593 \N	5

## Original

12134 Human rhinovirus 1A	5
28901 Salmonella enterica	5
1143 Synechocystis sp.	5
5062 Aspergillus oryzae	5
59405 Thauera aromatica	5
5665 Leishmania mexicana	5
10626 Hamster polyomavirus	5
31159 Daboia russellii russellii	5
148305 Magnaporthe grisea	5
6523 Lymnaea stagnalis	5
554 Pectobacterium carotovorum	5
2265 Thermococcus litoralis	5
11610 Seoul virus SR11	5
17 Methylophilus methylotrophus	5
1831 Rhodococcus sp.	5
878 Desulfovibrio fructosovorans	5
1720 Corynebacterium sp.	5
11113 Hepatitis C virus isolate HC-J6	5
8766 \N	5
1282 Staphylococcus epidermidis	5
115711 Chlamydomonas reinhardtii AR39	5
1156 \N	5
622 Shigella dysenteriae	5
86665 Bacillus halodurans	5
29292 Pyrococcus abyssi	5
47881 Pseudomonas pavonaceae	5
1501 Clostridium pasteurianum	5
10384 Herpesvirus saimiri (strain 488)	5
103944 Protobothrops mucrosquamatus	5
55676 Oligobrachia mashikoi	5
571 Klebsiella oxytoca	5
129875 Human adenovirus A	5
360108 Campylobacter jejuni subsp. jejuni 2	5
8022 Oncorhynchus mykiss	5
3661 Cucurbita maxima	5
211586 Shewanella oneidensis MR-1	5
1866 Actinoplanes missouriensis	5
11698 Human immunodeficiency virus type 1	5
235 Brucella abortus	5

## Original

11489 \N	5
10243 Cowpox virus	5
5722 Trichomonas vaginalis	5
293 Brevundimonas diminuta	5
8030 Salmo salar	5
1050 Thermochromatium tepidum	5
12126 Theiler's encephalomyelitis virus (S	5
69488 Penicillium simplicissimum	5
1306 Streptococcus sp.	5
7111 Trichoplusia ni	5
644 Aeromonas hydrophila	5
905 Acidaminococcus fermentans	5
1772 Mycobacterium smegmatis	5
10879 Pseudomonas phage phi6	5
8090 Oryzias latipes	4
144556 \N	4
3677 Trichosanthes kirilowii	4
4843 Rhizopus microsporus var. chinensi	4
290579 HIV-1 M:B_Lai	4
31646 Hepatitis C virus subtype 1a	4
546 Citrobacter freundii	4
46015 Autographa californica nucleopolyh	4
11855 Mason-Pfizer monkey virus	4
30591 Aotus azarai	4
1074 Rhodoblastus acidophilus	4
1309 Streptococcus mutans	4
1894 Streptomyces aureofaciens	4
9544 Macaca mulatta	4
226186 Bacteroides thetaiotaomicron VPI-5	4
915 Nitrosomonas europaea	4
73841 Vipera ammodytes meridionalis	4
2787 Porphyra purpurea	4
1311 Streptococcus agalactiae	4
4905 Pichia angusta	4
1590 Lactobacillus plantarum	4
2209 Methanosarcina mazei	4
226900 Bacillus cereus ATCC 14579	4
12227 Tobacco etch virus	4
2262 Pyrococcus woesei	4

## Original

8730 <i>Crotalus atrox</i>	4
203119 <i>Clostridium thermocellum</i> ATCC 27	4
381666 <i>Ralstonia eutropha</i> H16	4
2334 <i>Bacillus</i> sp. PS3	4
1312 \N	4
1591 <i>Lactobacillus</i> sp.	4
12591 \N	4
79257 <i>Rhodomonas</i> sp. CS24	4
28985 <i>Kluyveromyces lactis</i>	4
11720 Human immunodeficiency virus type 1	4
275 <i>Thermus</i> sp.	4
5507 <i>Fusarium oxysporum</i>	4
2214 <i>Methanosarcina acetivorans</i>	4
10381 Saimiriine herpesvirus 2	4
11082 West Nile virus	4
3906 <i>Vicia faba</i>	4
65404 <i>Polysiphonia urceolata</i>	4
6426 <i>Riftia pachyptila</i>	4
6108 <i>Anemonia sulcata</i>	4
8692 <i>Bitis arietans</i>	4
12243 Tobacco mosaic virus (vulgare)	4
10849 Enterobacteria phage alpha3	4
1836 <i>Saccharopolyspora erythraea</i>	4
8364 <i>Xenopus (Silurana) tropicalis</i>	4
1320 <i>Streptococcus</i> sp. 'group G'	4
9601 <i>Pongo abelii</i>	4
12072 Human coxsackievirus B3	4
6848 <i>Carcinoscorpius rotundicauda</i>	4
1582 <i>Lactobacillus casei</i>	4
88087 <i>Trimeresurus flavoviridis</i>	4
1098 <i>Prosthecochloris vibrioformis</i>	4
11696 HIV-1 M:B_MN	4
1665 <i>Arthrobacter globiformis</i>	4
2242 <i>Halobacterium salinarum</i>	4
33067 <i>Pseudomonas</i> sp. 101	4
3916 <i>Vigna radiata</i> var. radiata	4
12124 Theiler's encephalomyelitis virus	4
10030 <i>Cricetulus longicaudatus</i>	4
6183 <i>Schistosoma mansoni</i>	4

## Original

382 <i>Sinorhizobium meliloti</i>	4
36307 <i>Deinagkistrodon acutus</i>	4
3864 <i>Lens culinaris</i>	4
40137 <i>Oligotropha carboxidovorans</i>	4
1409 <i>Bacillus</i> sp.	4
542 <i>Zymomonas mobilis</i>	4
10991 Rice dwarf virus	4
3329 <i>Picea abies</i>	4
818 <i>Bacteroides thetaiotaomicron</i>	4
10872 <i>Pseudomonas</i> phage Pf3	4
3673 <i>Momordica charantia</i>	4
11706 HIV-1 M:B_HXB2R	4
13037 <i>Danaus plexippus</i>	4
3879 <i>Medicago sativa</i>	4
10506 <i>Paramecium bursaria</i> <i>Chlorella</i> viru:	4
272562 <i>Clostridium acetobutylicum</i> ATCC 8	4
6945 <i>Ixodes scapularis</i>	4
1307 <i>Streptococcus suis</i>	3
1421 <i>Lysinibacillus sphaericus</i>	3
10315 Human herpesvirus 2 strain HG52	3
1587 <i>Lactobacillus helveticus</i>	3
5861 <i>Plasmodium yoelii</i>	3
340 <i>Xanthomonas campestris</i> pv. camp	3
9541 <i>Macaca fascicularis</i>	3
263374 <i>Bordetella</i> phage BMP-1	3
10623 Cottontail rabbit papillomavirus	3
2775 <i>Gracilaria chilensis</i>	3
8167 <i>Perca flavescens</i>	3
37554 <i>Enterobacteria</i> phage HK97	3
9874 <i>Odocoileus virginianus</i>	3
173 <i>Leptospira interrogans</i>	3
10712 Phage 434	3
3818 <i>Arachis hypogaea</i>	3
1354 <i>Enterococcus hirae</i>	3
1488 <i>Clostridium acetobutylicum</i>	3
426 <i>Methylosinus trichosporium</i>	3
36436 Simian rotavirus A/SA11-4F	3
9685 <i>Felis catus</i>	3
48465 <i>Prostheco bacter dejongeii</i>	3

## Original

237561 <i>Candida albicans</i> SC5314	3
7004 <i>Locusta migratoria</i>	3
102746 <i>Hieracium piloselloides</i>	3
2327 <i>Methylophilus methylotrophus</i> W3A	3
10326 Equid herpesvirus 1	3
5945 \N	3
11034 Sindbis virus	3
121791 Nipah virus	3
35730 <i>Trematomus newnesi</i>	3
873 <i>Desulfovibrio africanus</i>	3
1717 <i>Corynebacterium diphtheriae</i>	3
82367 <i>Paracoccus pantotrophus</i>	3
6419 <i>Hirudinaria manillensis</i>	3
2104 <i>Mycoplasma pneumoniae</i>	3
8212 \N	3
9925 <i>Capra hircus</i>	3
253435 SARS coronavirus PUMC03	3
2210 <i>Methanosarcina thermophila</i>	3
1494 <i>Clostridium cochlearium</i>	3
13689 <i>Sphingomonas paucimobilis</i>	3
10632 JC polyomavirus	3
345076 <i>Vibrio cholerae</i> V52	3
10843 Enterobacteria phage G4	3
8732 <i>Crotalus durissus terrificus</i>	3
40690 <i>Trematomus bernacchii</i>	3
10279 <i>Molluscum contagiosum</i> virus	3
316 <i>Pseudomonas stutzeri</i>	3
103782 Pariacato virus	3
11216 Human parainfluenza virus 3	3
8237 <i>Thunnus thynnus</i>	3
1083 <i>Phaeosporillum molischianum</i>	3
4076 <i>Datura stramonium</i>	3
1593 <i>Lactobacillus</i> sp. 30A	3
10582 \N	3
6100 <i>Aequorea victoria</i>	3
31767 Hepatitis E virus (strain Burma)	3
3490 <i>Artocarpus integer</i>	3
35816 <i>Pelobacter acidigallici</i>	3
9597 <i>Pan paniscus</i>	3

## Original

5076 <i>Penicillium chrysogenum</i>	3
133899 \N	3
34 <i>Myxococcus xanthus</i>	3
10530 Murine adenovirus 1	3
2111 <i>Mycoplasma arthritidis</i>	3
518 <i>Bordetella bronchiseptica</i>	3
10923 Simian rotavirus A/SA11	3
12145 Tomato bushy stunt virus	3
10333 Equine herpesvirus type 4 (strain 1969)	3
257313 <i>Bordetella pertussis</i> Tohama I	3
92520 \N	3
35889 <i>Nicotiana glutinosa</i>	3
71421 <i>Haemophilus influenzae</i> Rd KW20	3
243230 <i>Deinococcus radiodurans</i> R1	3
5821 <i>Plasmodium berghei</i>	3
11241 Rinderpest virus	3
1097 <i>Chlorobaculum tepidum</i>	3
11689 Human immunodeficiency virus type 1	3
68728 <i>Chrysocyon brachyurus</i>	3
1905 <i>Streptomyces exfoliatus</i>	3
4498 <i>Avena sativa</i>	3
12253 Tomato mosaic virus	3
15957 <i>Phleum pratense</i>	3
8843 <i>Anser anser</i>	3
42003 <i>Griffithsia monilis</i>	3
1406 <i>Paenibacillus polymyxa</i>	3
243232 <i>Methanocaldococcus jannaschii</i> DS	3
12353 Enterobacteria phage RB69	3
11246 Bovine respiratory syncytial virus	3
92694 <i>Rhodococcus</i> sp. NCIMB12038	3
11484 Influenza A virus (A/whale/Maine/1/69)	3
10144 <i>Cavia cutleri</i>	3
12258 Comovirus	3
72579 <i>Bacillus</i> sp. YM-1	3
10864 Enterobacteria phage fd	3
37137 Simian rotavirus A/SA11-both	3
11665 Equine infectious anemia virus	3
4682 <i>Allium sativum</i>	3
2180 <i>Methanothermus fervidus</i>	3



## Original

7102 <i>Heliobacterium virescens</i>	3
817 <i>Bacteroides fragilis</i>	3
11250 Human respiratory syncytial virus	3
3711 <i>Brassica rapa</i>	3
1108 <i>Chloroflexus aurantiacus</i>	3
1667 <i>Arthrobacter</i> sp.	3
62977 <i>Acinetobacter</i> sp. ADP1	3
1765 <i>Mycobacterium bovis</i>	3
2502 Plasmid RK2	3
11149 Transmissible gastroenteritis virus	3
51453 <i>Hypocrea jecorina</i>	3
89020 <i>Mustelus griseus</i>	3
31553 Papillomavirus sylvilagi (STRAIN K)	3
11268 \N	3
12161 Beet yellows virus	3
10366 Murid herpesvirus 1	3
93050 <i>Echis multisquamatus</i>	3
1394 <i>Bacillus caldolyticus</i>	3
272558 <i>Bacillus halodurans</i> C-125	3
5724 <i>Tritrichomonas foetus</i>	3
1769 <i>Mycobacterium leprae</i>	3
6938 <i>Ornithodoros moubata</i>	3
100673 Influenza C virus (C/Johannesburg/	3
8053 <i>Gadus callarias</i>	3
12475 Hepatitis delta virus	3
10566 Human papillomavirus	3
1887 <i>Streptomyces albogriseolus</i>	3
119072 <i>Thermoanaerobacter tengcongensis</i>	3
158879 <i>Staphylococcus aureus</i> subsp. aure	3
1474 <i>Sporosarcina pasteurii</i>	3
10794 Minute virus of mice	3
2257 <i>Natronomonas pharaonis</i>	3
1197 <i>Fremyella diplosiphon</i>	3
362651 Human immunodeficiency virus type	3
33708 Murid herpesvirus 4	3
12131 Human rhinovirus 14	2
28875 Rotavirus A	2
119602 <i>Streptococcus dysgalactiae</i> subsp.	2
8631 <i>Laticauda semifasciata</i>	2

## Original

11707 Human immunodeficiency virus type 1	2
194699 Bordetella phage BPP-1	2
12042 Beet western yellows virus	2
5059 Aspergillus flavus	2
11070 Dengue virus 4	2
130308 Human adenovirus E	2
171101 Streptococcus pneumoniae R6	2
40353 Echinococcus carinatus	2
1245 Leuconostoc mesenteroides	2
9675 Paguma larvata	2
198803 Bacillus sp. MN-32	2
48386 Perilla frutescens	2
12082 Human poliovirus 1 strain Sabin	2
5270 Ustilago maydis	2
1520 Clostridium beijerinckii	2
3679 Ectocarpus elaterium	2
244589 Sulfolobus virus 1	2
90371 Salmonella enterica subsp. enterica	2
70698 M28 virus	2
1697 Corynebacterium ammoniagenes	2
6238 Caenorhabditis briggsae	2
1929 Streptomyces rubiginosus	2
11072 Japanese encephalitis virus	2
11104 Hepatitis C virus (isolate 1)	2
200597 Sterkiella nova	2
1398 Bacillus coagulans	2
5271 Ustilago sphaerogena	2
12288 Nodamura virus	2
5759 Entamoeba histolytica	2
305 Ralstonia solanacearum	2
715 Actinobacillus pleuropneumoniae	2
11207 Simian virus 5	2
8175 Sparus aurata	2
4043 Petroselinum crispum	2
350 Zoogloea ramigera	2
31708 Human rhinovirus 16	2
3488 Artocarpus	2
265874 Ectromelia virus Moscow	2
1931 Streptomyces sp.	2

## Original

10832 Tomato yellow leaf curl virus	2
920 Acidithiobacillus ferrooxidans	2
11604 Puumala virus	2
11868 Avian myelocytomatosis virus 29	2
10258 Orf virus	2
64574 Radiomyces spectabilis	2
12302 Brome mosaic virus	2
1829 Rhodococcus rhodochrous	2
512 Alcaligenes sp.	2
7010 Schistocerca gregaria	2
11208 Simian virus 5 (strain W3)	2
11983 Norwalk virus	2
4906 Williopsis saturnus	2
12136 Cricket paralysis virus	2
67825 Citrobacter rodentium	2
192 Azospirillum brasilense	2
6087 Hydra vulgaris	2
7130 Manduca sexta	2
122586 Neisseria meningitidis MC58	2
1147 Synechocystis sp. PCC 6714	2
12066 Coxsackievirus	2
5072 \N	2
5689 Leishmania tarentolae	2
1718 Corynebacterium glutamicum	2
1932 Streptomyces tendae	2
11077 Kunjin virus	2
132961 Bungarus caeruleus	2
36773 Burkholderia sp.	2
176674 Influenza A virus (A/Duck/Hong Kor	2
240269 Paramecium bursaria Chlorella viru:	2
5306 Phanerochaete chrysosporium	2
273057 Sulfolobus solfataricus P2	2
5807 Cryptosporidium parvum	2
387139 Influenza A virus (A/Aichi/2/1968(H:	2
67831 Rhipicephalus bursa	2
10724 Bacillus phage SPP1	2
6526 Biomphalaria glabrata	2
91753 Cucurbit aphid-borne yellows virus	2
123217 Anopheles cracens	2

## Original

3840 <i>Vigna unguiculata</i> subsp. <i>cylindrica</i>	2
196620 <i>Staphylococcus aureus</i> subsp. <i>aure</i>	2
1360 <i>Lactococcus lactis</i> subsp. <i>lactis</i>	2
348776 <i>Mycobacterium tuberculosis</i> C	2
6279 <i>Brugia malayi</i>	2
2271 <i>Thermoproteus tenax</i>	2
927 <i>Halothiobacillus neapolitanus</i>	2
11876 Avian sarcoma virus	2
9793 <i>Equus asinus</i>	2
12107 Mengo virus	2
1553 <i>Clostridium tetanomorphum</i>	2
28450 <i>Burkholderia pseudomallei</i>	2
150147 \N	2
11686 Human immunodeficiency virus type 1	2
223283 <i>Pseudomonas syringae</i> pv. <i>tomato</i>	2
54914 <i>Brevibacillus parabrevis</i>	2
1428 <i>Bacillus thuringiensis</i>	2
5514 <i>Fusarium sporotrichioides</i>	2
301447 <i>Streptococcus pyogenes</i> serotype M1	2
79676 <i>Pseudomonas</i> sp. CF600	2
29170 <i>Ancylostoma caninum</i>	2
6550 <i>Mytilus edulis</i>	2
11053 Dengue virus 1	2
3843 <i>Erythrina corallodendron</i>	2
47519 <i>Calystegia sepium</i>	2
227984 SARS coronavirus Tor2	2
1498 <i>Clostridium histolyticum</i>	2
280 <i>Xanthobacter autotrophicus</i>	2
10634 Murine polyomavirus	2
83331 <i>Mycobacterium tuberculosis</i> CDC1551	2
180454 <i>Anopheles gambiae</i> str. PEST	2
210007 <i>Streptococcus mutans</i> UA159	2
50339 <i>Thermoplasma volcanium</i>	2
65406 <i>Pseudomonas</i> sp. 7A	2
1580 <i>Lactobacillus brevis</i>	2
319 <i>Pseudomonas syringae</i> pv. <i>phaseol</i>	2
155077 <i>Cellvibrio japonicus</i>	2
3704 <i>Armoracia rusticana</i>	2
45441 Enterobacteria phage L	2

## Original

4931 <i>Saccharomyces bayanus</i>	2
55084 <i>Pandinus imperator</i>	2
12147 Tomato bushy stunt virus (STRAIN	2
258594 <i>Rhodopseudomonas palustris</i> CGA	2
1642 <i>Listeria innocua</i>	2
12643 <i>Ectromelia virus</i>	2
223 <i>Achromobacter cycloclastes</i>	2
375 <i>Bradyrhizobium japonicum</i>	2
31902 <i>Dasyatis akajei</i>	2
7159 <i>Aedes aegypti</i>	2
11088 Tick-borne encephalitis virus (WES'	2
7668 <i>Strongylocentrotus purpuratus</i>	2
8705 <i>Vipera ammodytes ammodytes</i>	2
11741 <i>Visna/Maedi virus</i>	2
5085 <i>Aspergillus fumigatus</i>	2
1956 <i>Streptomyces diastaticus</i>	2
2280 <i>Staphylothermus marinus</i>	2
670 <i>Vibrio parahaemolyticus</i>	2
11641 Human foamy virus	2
11879 Avian sarcoma virus PR2257	2
51336 Cabbage leaf curl virus	2
5341 <i>Agaricus bisporus</i>	2
10553 Fowl adenovirus 1	2
1848 <i>Pseudonocardia thermophila</i>	2
28502 <i>Amaranthus hypochondriacus</i>	2
10685 <i>Bacillus phage SPO1</i>	2
416870 <i>Lactococcus lactis</i> subsp. <i>cremoris</i>	2
6436 <i>Themiste dyscritum</i>	2
529 <i>Ochrobactrum anthropi</i>	2
7165 <i>Anopheles gambiae</i>	2
9490 <i>Saguinus oedipus</i>	2
4087 <i>Nicotiana alata</i>	2
1324 <i>Streptococcus</i> sp. G148	2
224324 <i>Aquifex aeolicus</i> VF5	2
69000 <i>Bacillus</i> sp. B-0618	2
6182 <i>Schistosoma japonicum</i>	2
29303 <i>Streptomyces cattleya</i>	2
381 <i>Mesorhizobium loti</i>	2
31958 <i>Amycolatopsis orientalis</i>	2

## Original

11063 Dengue virus 2 Malaysia M3	2
11089 Yellow fever virus	2
7719 Ciona intestinalis	2
3505 Betula pendula	2
883 Desulfovibrio vulgaris str. 'Miyazaki	2
4511 Eleusine coracana	2
47914 Brevibacterium fuscum	2
228407 SARS coronavirus BJ01	2
10641 Cauliflower mosaic virus	2
480 Moraxella catarrhalis	2
11138 Murine hepatitis virus	2
8844 Anser anser anser	2
1301 Streptococcus	2
11885 Fujinami sarcoma virus	2
1408 Bacillus pumilus	2
12371 Phage h30	2
6437 Themiste zostericola	2
9521 Saimiri sciureus	2
12154 Turnip yellow mosaic virus	2
69014 Thermococcus kodakarensis KOD1	2
307796 Saccharomyces cerevisiae YJM789	2
80863 Populus tremula x Populus alba	2
32002 Achromobacter denitrificans	2
11065 Dengue virus 2 Thailand/NGS-C/19	2
129910 Arthrospira maxima	2
3527 Phytolacca americana	2
198214 Shigella flexneri 2a str. 301	2
5138 \N	2
272557 Aeropyrum pernix K1	2
3663 Cucurbita pepo	2
4754 Pneumocystis carinii	2
10560 Bovine papillomavirus type 2	2
6442 Phascolopsis gouldii	2
7108 Spodoptera frugiperda	2
158878 Staphylococcus aureus subsp. aure	2
1338 Streptococcus intermedius	2
12022 Enterobacterio phage MS2	2
224326 Borrelia burgdorferi B31	2
262338 SARS coronavirus GD03T0013	2

## Original

394 Rhizobium sp. NGR234	2
899 Desulfomicrobium baculatum	2
11520 Influenza B virus	2
8717 Calloselasma rhodostoma	2
12080 Human poliovirus 1	2
6359 Platynereis dumerilii	2
30077 Triatoma pallidipennis	2
2743 Marinobacter hydrocarbonoclasticus	2
11176 Newcastle disease virus	2
3981 Hevea brasiliensis	2
10310 Human herpesvirus 2	2
5386 Xerocomus chrysenteron	2
77133 uncultured bacterium	2
337 Burkholderia glumae	2
89476 \N	2
2188 Methanococcus voltae	2
10995 Infectious bursal disease virus	2
109171 Pachyrhizus erosus	2
1139 \N	2
194439 Chlorobium tepidum TLS	2
12023 Pseudomonas phage PP7	2
10614 Human papillomavirus type 3	2
322710 Azotobacter vinelandii DJ	2
6192 Fasciola hepatica	2
81759 Hyacinthoides hispanica	2
6703 Pandalus borealis	2
198628 Erwinia chrysanthemi str. 3937	2
12285 Black beetle virus	2
2771 Cyanidium caldarium	1
34413 Humicola insolens	1
686 Vibrio cholerae O1 biovar El tor	1
37501 Maackia amurensis	1
9030 Gallus	1
186538 Zaire ebolavirus	1
3983 Manihot esculenta	1
9844 Lama glama	1
214092 Yersinia pestis CO92	1
52861 Tabernaemontana divaricata	1
243365 Chromobacterium violaceum ATCC	1

## Original

66690 \N	1
12538 Mokola virus	1
10571 Bovine papillomavirus	1
77763 Banna virus	1
1890 Streptomyces antibioticus	1
10711 Enterobacteria phage P21	1
542959 BPP-1-like phages	1
6456 Haliotis fulgens	1
90370 Salmonella enterica subsp. enterica	1
11008 Saccharomyces cerevisiae virus L-/	1
7116 Pieris brassicae	1
3352 Pinus taeda	1
35688 Porphyridium purpureum	1
11277 Vesicular stomatitis Indiana virus	1
160268 Clonostachys	1
3816 Abrus precatorius	1
39152 Methanococcus maripaludis	1
58217 Loxosceles laeta	1
1479 Bacillus smithii	1
10369 Human herpesvirus 6 (strain GS)	1
1680 Bifidobacterium adolescentis	1
13249 Rhodnius prolixus	1
6206 Taenia saginata	1
81841 Pseudomonas sp. 130	1
1924 Streptomyces purpurascens	1
29388 Staphylococcus capitis	1
6706 Homarus americanus	1
93934 Coturnix japonica	1
2260 Pyrococcus	1
32049 Synechococcus sp. PCC 7002	1
587 Providencia rettgeri	1
648 Aeromonas punctata	1
7786 Torpedo	1
907 Megasphaera elsdenii	1
11531 Influenza B virus (STRAIN B/HONG	1
1397 Bacillus circulans	1
230624 Trametes ochracea	1
63559 Penicillium amagasakiense	1
12287 Flock house virus	1



## Original

272626 <i>Listeria innocua</i> Clip11262	1
5755 <i>Acanthamoeba castellanii</i>	1
73475 Chicken anemia virus Cuxhaven-1/6	1
28278 Human adenovirus 19	1
10677 Enterobacteria phage Mu	1
367830 <i>Staphylococcus aureus</i> subsp. aure	1
85232 <i>Morus nigra</i>	1
2045 <i>Pimelobacter simplex</i>	1
6956 <i>Dermatophagoides pteronyssinus</i>	1
102203 <i>Favia fava</i>	1
33806 \N	1
34631 <i>Rhipicephalus appendiculatus</i>	1
713 <i>Actinobacillus</i>	1
11195 Sendai virus (strain Fushimi)	1
44270 <i>Leishmania mexicana mexicana</i>	1
216371 <i>Penicillium stoloniferum</i> virus S	1
52969 <i>Ascophyllum nodosum</i>	1
10324 Bovine herpesvirus type 1.1 (strain	1
66691 \N	1
1589 <i>Lactobacillus pentosus</i>	1
12541 <i>Nudaurelia capensis</i> omega virus	1
293055 Influenza A virus (A/mallard/Ohio/56	1
78245 <i>Xanthobacter autotrophicus</i> Py2	1
28896 <i>Thermoanaerobacterium saccharoly</i>	1
346 <i>Xanthomonas citri</i>	1
6494 <i>Conus textile</i>	1
549 <i>Pantoea agglomerans</i>	1
7119 <i>Antheraea pernyi</i>	1
7237 <i>Drosophila pseudoobscura</i>	1
119856 <i>Francisella tularensis</i> subsp. tularer	1
35703 <i>Citrobacter amalonaticus</i>	1
11280 Vesicular stomatitis New Jersey viru	1
8644 <i>Naja mossambica</i>	1
160488 <i>Pseudomonas putida</i> KT2440	1
39300 <i>Ectatomma tuberculatum</i>	1
11708 Human immunodeficiency virus type	1
46018 Human echovirus 7	1
12054 unidentified tobacco necrosis virus	1
10092 <i>Mus musculus domesticus</i>	1

## Original

58226 Comamonas sp. JS765	1
12222 Soybean mosaic virus	1
10370 Human herpesvirus 6 (strain Ugand	1
265872 Cowpox virus (Brighton Red)	1
13616 Monodelphis domestica	1
273 \N	1
82300 Adeno-associated virus - 5	1
29390 Streptococcus gordonii str. Challis	1
10829 Squash leaf curl virus	1
95649 Bothrops neuwiedi pauloensis	1
592 \N	1
658 Photobacterium leiognathi subsp. le	1
130309 Human adenovirus F	1
3567 Amaranthus caudatus	1
8729 Crotalus adamanteus	1
175771 Heteractis crispa	1
40410 Cryptococcus neoformans var. neof	1
11863 Avian erythroblastosis virus (strain :	1
10255 Variola virus	1
64091 Halobacterium sp. NRC-1	1
1521 Clostridium cellulolyticum	1
10519 Human adenovirus 7	1
1823 Nocardia otitidiscaviarum	1
381517 Influenza A virus (A/Udorn/307/197:	1
6410 Haementeria officinalis	1
85698 Achromobacter xylosoxidans	1
2094 Mycoplasma arginini	1
30608 Microcebus murinus	1
10886 Mammalian orthoreovirus 3 Dearing	1
33900 Streptomyces murinus	1
34649 Mesobuthus martensii	1
3690 Populus x canadensis	1
37632 Amycolatopsis sp.	1
9092 \N	1
11914 \N	1
53412 Pseudomonas resinovorans	1
5499 Passalora fulva	1
67723 Amanita phalloides	1
12558 Sesbania mosaic virus	1

## Original

188 Magnetospirillum magnetotacticum	1
298334 Simian adenovirus A	1
78447 Corallina pilulifera	1
10714 Corynephage omega	1
90973 Bacillus sp. TA2.A1	1
7123 Hyalophora cecropia	1
113192 Bothrops pirajai	1
7242 Drosophila sp.	1
8649 Naja kaouthia	1
160490 Streptococcus pyogenes M1 GAS	1
39443 Carnation Italian ringspot virus	1
9548 Macaca radiata	1
196118 Methanocaldococcus	1
4120 Ipomoea batatas	1
10095 Mus sp.	1
70821 Desmodium yellow mottle virus	1
13686 Solenopsis invicta	1
29438 Pseudomonas savastanoi	1
435 Acetobacter aceti	1
6715 Astacus astacus	1
96471 Bacillus sp. YM55-1	1
32059 Phormidium laminosum	1
11073 Japanese encephalitis virus strain S	1
659 Photobacterium phosphoreum	1
3570 Dianthus caryophyllus	1
36659 Volvariella volvacea	1
3891 Psophocarpus tetragonolobus	1
1270 Micrococcus luteus	1
9739 Tursiops truncatus	1
49577 Costus speciosus	1
1399 Bacillus firmus	1
237895 Cryptosporidium hominis	1
5286 Rhodosporidium toruloides	1
74567 Flavobacterium sp. ATCC 27551	1
10679 Enterobacteria phage P2	1
33903 Streptomyces avermitilis	1
2788 Porphyra yezoensis	1
34839 Chinchilla lanigera	1
726 Haemophilus haemolyticus	1

## Original

3691	<i>Populus nigra</i>	1
37682	<i>Aegilops tauschii</i>	1
190485	<i>Xanthomonas campestris</i> pv. camp	1
4072	<i>Capsicum annuum</i>	1
44822	<i>Microcystis viridis</i>	1
1426	<i>Geobacillus thermoglucosidasius</i>	1
10329	Equine herpesvirus type 1 (strain K)	1
5501	<i>Coccidioides immitis</i>	1
300269	<i>Shigella sonnei</i> Ss046	1
1897	<i>Streptomyces carzinostaticus</i>	1
10715	<i>Staphylococcus</i> phage 42D.m	1
91201	<i>Gastrodia elata</i>	1
31744	Rice yellow mottle virus	1
11036	Venezuelan equine encephalitis vir	1
113636	<i>Populus tremula</i>	1
7370	<i>Musca domestica</i>	1
35806	<i>Rhodovulum sulfidophilum</i>	1
161736	<i>Pseudomonas</i> phage phi12	1
3837	<i>Dioclea grandiflora</i>	1
39682	<i>Viridovipera stejnegeri</i>	1
9556	<i>Papio cynocephalus</i>	1
196590	\N	1
46758	<i>Lobophyllia hemprichii</i>	1
1359	<i>Lactococcus lactis</i> subsp. cremoris	1
10114	<i>Rattus</i>	1
59511	<i>Pseudomonas syringae</i> pv. maculic	1
12230	Turnip mosaic virus	1
266835	<i>Mesorhizobium loti</i> MAFF303099	1
70863	<i>Shewanella oneidensis</i>	1
82835	\N	1
29459	<i>Brucella melitensis</i>	1
438	<i>Acetobacter pasteurianus</i>	1
6717	<i>Pontastacus leptodactylus</i>	1
32060	<i>Phormidium lapideum</i>	1
3619	<i>Rumex obtusifolius</i>	1
921	<i>Starkeya novella</i>	1
3902	<i>Ulex europaeus</i>	1
11873	Avian musculoaponeurotic fibrosarc	1
9749	<i>Delphinapterus leucas</i>	1

## Original

204723 Peniophora sp. SG	1
4615 Ananas comosus	1
49817 Erythrina crista-galli	1
1400 Bacillus intermedius	1
12092 Hepatitis A virus	1
64608 Agrocybe cylindracea	1
1550 Clostridium subterminale	1
12303 Cowpea chlorotic mottle virus	1
10529 Human adenovirus 31	1
74577 Streptomyces sp. UC5319	1
28344 Porcine reproductive and respirator	1
10680 Enterobacteria phage P4	1
2108 Mycoplasma sp.	1
515 \N	1
10896 \N	1
7038 Bemisia tabaci	1
33931 Bacillus caldovelox	1
3053 \N	1
34864 \N	1
148603 Mycobacterium phage Bxb1	1
3693 Populus tremuloides	1
37734 Enterococcus casseliflavus	1
9267 Didelphis virginiana	1
45151 Pyrenophora tritici-repentis	1
11986 Carnation mottle virus	1
9939 Ovis sp.	1
221204 Hieracium pilosella	1
4920 Pichia farinosa	1
54571 Streptomyces venezuelae	1
12139 Southern bean mosaic virus	1
10331 Equid herpesvirus 4	1
257311 Bordetella parapertussis 12822	1
12618 Chicken anemia virus	1
79261 Streptomyces castaneoglobisporus	1
29015 \N	1
11047 Equine arteritis virus	1
7141 Choristoneura fumiferana	1
115547 uncultured archaeon	1
7389 Hypoderma lineatum	1

## Original

11467 \N	1
8665 Ophiophagus hannah	1
39946 Oryza sativa Indica Group	1
4232 Helianthus annuus	1
59837 Leiostomus xanthurus	1
1496 Clostridium difficile	1
12242 Tobacco mosaic virus	1
269084 Synechococcus elongatus PCC 630	1
71366 Staphylococcus phage PVL	1
276 Thermus filiformis	1
83131 Cratylia argentea	1
1938 Streptomyces viridochromogenes	1
29461 Brucella suis	1
442 Gluconobacter oxydans	1
6728 Procambarus clarkii	1
97234 Dryopteris crassirhizoma	1
32536 Acinonyx jubatus	1
668 Vibrio fischeri	1
7957 Carassius auratus	1
3625 Actinidia chinensis	1
37114 Human papillomavirus type 55	1
178306 Pyrobaculum aerophilum str. IM2	1
40979 Cocksfoot mottle virus	1
4641 Musa acuminata	1
49899 Thermococcus profundus	1
242619 Porphyromonas gingivalis W83	1
5319 Irpex lacteus	1
12305 Cucumber mosaic virus	1
273063 Sulfolobus tokodaii str. 7	1
76114 Aromatoleum aromaticum EbN1	1
10683 Bacillus phage PBS1	1
390157 Seneca valley virus	1
86600 Discosoma sp.	1
31234 Caenorhabditis remanei	1
103904 Coxsackievirus B3 (strain Woodruff)	1
2337 Thermotoga neapolitana	1
33950 Thermoanaerobacterium thermosulfidophilum	1
35170 Corallina officinalis	1
37762 Escherichia coli B	1

## Original

9347 Eutheria	1
190650 Caulobacter crescentus CB15	1
45332 Prevotella phage phi AR29	1
11988 Turnip crinkle virus	1
68170 Lechevalieria aerocolonigenes	1
361 Agrobacterium sp.	1
10726 Enterobacteria phage T5	1
31768 Hepatitis E virus (strain Mexico)	1
7460 Apis mellifera	1
126794 Vaccinia virus Ankara	1
3496 Maclura pomifera	1
163106 \N	1
11733 Simian immunodeficiency virus (MN	1
196627 Corynebacterium glutamicum ATCC	1
4265 Cynara cardunculus	1
1388 Alicyclobacillus acidocaldarius subs	1
5079 Penicillium janthinellum	1
61172 Laguna Negra virus	1
10383 Herpesvirus saimiri (strain 11)	1
269145 Sulfolobus turreted icosahedral viru	1
13818 Adiantum capillus-veneris	1
348780 Natronomonas pharaonis DSM 216	1
6282 Onchocerca volvulus	1
1950 Streptomyces peucetius	1
29549 Rhodothermus marinus	1
471 Acinetobacter calcoaceticus	1
6772 Celuca pugilator	1
2277 Pyrobaculum islandicum	1
33953 Clostridium aminobutyricum	1
11122 Avian infectious bronchitis virus (str	1
7962 Cyprinus carpio	1
134821 Ureaplasma parvum	1
37122 Human papillomavirus type 6a	1
940 Hydrogenobacter thermophilus	1
11636 Reticuloendotheliosis virus	1
3911 Vicia villosa	1
1288 Staphylococcus xylosus	1
11878 Avian sarcoma virus CT10	1
4670 Galanthus nivalis	1

## Original

5322 <i>Pleurotus ostreatus</i>	1
12315 Tomato aspermy virus	1
68 <i>Lysobacter</i>	1
10533 Human adenovirus 1	1
273075 <i>Thermoplasma acidophilum</i> DSM 1	1
76275 <i>Rhodococcus</i> sp. R312	1
392809 Influenza A virus (A/Victoria/3/1975)	1
6431 <i>Urechis caupo</i>	1
2130 <i>Ureaplasma urealyticum</i>	1
31285 <i>Trypanosoma brucei gambiense</i>	1
10924 \N	1
7070 <i>Tribolium castaneum</i>	1
103929 Rabies virus strain Pasteur vaccin	1
2378 <i>Sporomusa ovata</i>	1
117138 Brome streak virus (strain 11-Cal)	1
3088 <i>Scenedesmus obliquus</i>	1
35304 Bunyamwera virus	1
781 <i>Rickettsia conorii</i>	1
37919 <i>Rhodococcus opacus</i>	1
9430 <i>Desmodus rotundus</i>	1
192168 <i>Arthrobacter</i> sp. C2-2	1
12009 \N	1
1434 <i>Bacillus thuringiensis</i> serovar berlin	1
5539 <i>Scytalidium lignicola</i>	1
301887 <i>Echinophyllia</i> sp. SC22	1
6118 <i>Entacmaea quadricolor</i>	1
79679 <i>Thermococcus</i> sp. KS-1	1
6561 <i>Scapharca inaequalvis</i>	1
92652 Shrimp white spot syndrome virus	1
563 <i>Escherichia blattae</i>	1
129555 <i>Amphitrite ornata</i>	1
3501 <i>Urtica dioica</i>	1
35933 <i>Podophyllum peltatum</i>	1
11480 \N	1
163653 \N	1
40001 <i>Cellulomonas</i> sp.	1
196914 <i>Actinoplanes friuliensis</i>	1
228330 SARS coronavirus Urbani	1
61861 <i>Canavalia brasiliensis</i>	1



## Original

269446 Rous sarcoma virus (strain Schmidt	1
5699 Trypanosoma vivax	1
72539 Physalis mottle virus	1
1760 Actinobacteria (class)	1
6334 Trichinella spiralis	1
29760 Vitis vinifera	1
476 Moraxella bovis	1
10863 Enterobacteria phage f1	1
99565 Chiba virus	1
34007 Paracoccus versutus	1
11128 Bovine coronavirus	1
7998 Ictalurus punctatus	1
137208 \N	1
3654 Citrullus lanatus	1
37133 Tula virus	1
964 Herbaspirillum seropedicae	1
182271 Pterocarpus angolensis	1
3914 Vigna angularis	1
9798 Equus przewalskii	1
4679 Allium cepa	1
12118 Foot-and-mouth disease virus - type	1
10301 Herpes simplex virus (type 1 / strair	1
65553 Sulfurospirillum deleyianum	1
280048 Copaifera langsdorffii	1
5827 Plasmodium cynomolgi	1
76306 Mimosa pudica	1
322 Pseudomonas syringae pv. tabaci	1
10927 Bovine rotavirus	1
2465 Plasmid F	1
117911 Shewanella sp. SIB1	1
3120 Ulva pertusa	1
35345 Lactococcus phage TP901-1	1
813 Chlamydia trachomatis	1
8400 Rana catesbeiana	1
38437 \N	1
192222 Campylobacter jejuni subsp. jejuni f	1
45596 Candida tenuis	1
12017 Enterobacteria phage fr	1
1445 Bacillus alcalophilus	1

## Original

12149	Belladonna mottle virus	1
260674	Citrullus lanatus subsp. vulgaris	1
5541	Thermomyces lanuginosus	1
228	Pseudoalteromonas haloplanktis	1
10593	Human papillomavirus type 45	1
306263	Campylobacter lari RM2100	1
79930	Methanothermobacter thermautotro	1
35936	Lablab purpureus	1
8708	\N	1
167644	Ilyobacter tartaricus	1
40051	Bluetongue virus	1
11742	Visna lentivirus (strain 1514)	1
62887	Gliocladium	1
271108	Bombyx mori NPV	1
1763	Mycobacterium	1
18101	Gerbera hybrid cultivar	1
6339	Heligmosomoides polygyrus	1
1963	Streptomyces olivochromogenes	1
29910	Tolypocladium inflatum	1
6853	Tachypleus tridentatus	1
99571	Dioclea guianensis	1
2489	Plasmid R483	1
34028	Comamonas sp.	1
672	Vibrio vulnificus	1
140437	Streptomyces sp. R1128	1
184922	Giardia lamblia ATCC 50803	1
51350	Brassica rapa subsp. rapa	1
10304	Herpes simplex virus (type 1 / strair	1
5346	Coprinopsis cinerea	1
65699	Neisseria meningitidis serogroup A	1
1583	Weissella confusa	1
84	Hyphomicrobium methylavorum	1
282458	Staphylococcus aureus subsp. aure	1
76854	Shewanella massilia	1
28503	Sambucus ebulus	1
10690	Haemophilus phage HP1	1
88764	Conus episcopatus	1
31552	Human papillomavirus type 6	1
536	Chromobacterium violaceum	1

## Original

10969 Rhesus rotavirus	1
105402 Zoanthus sp.	1
7168 Anopheles dirus	1
118562 Arthrospira platensis	1
3316 Thuja plicata	1
35621 Streptomyces mobaraensis	1
8403 Rana perezii	1
157732 Rhodococcus sp. NCIMB 9784	1
38577 Bufo arenarum	1
192387 Alicyclobacillus sendaiensis	1
4092 Nicotiana glauca	1
1334 Streptococcus dysgalactiae	1
12018 Enterobacter phage GA	1
4934 Lachancea kluyveri	1
55810 Bulinus truncatus	1
1449 Amphibacillus xylanus	1
261594 Bacillus anthracis str. 'Ames Ancest'	1
5547 Trichoderma viride	1
12814 Respiratory syncytial virus	1
10598 Human papillomavirus type 58	1
1914 Streptomyces lavendulae	1
29309 Streptomyces verticillus	1
6644 \N	1
92829 Xanthomonas axonopodis pv. citri	1
2243 Halobacterium sp.	1
11090 Yellow fever virus 17D	1
7723 Polyandrocarya misakiensis	1
887 \N	1
8714 Gloydus halys	1
167804 Dipsochelys dussumieri	1
1172 Anabaena variabilis	1
11788 Abelson murine leukemia virus	1
47935 Mouse polyomavirus (strain p16 sm)	1
228410 Nitrosomonas europaea ATCC 197	1
1511 Clostridium sticklandii	1
12260 Bean pod mottle virus	1
10450 Orgyia pseudotsugata single capsid	1
73044 Streptomyces seoulensis	1
28039 Lactobacillus leichmannii	1

## Original

6352 \N	1
2017 Streptoalloteichus hindustanus	1
30076 Triatoma infestans	1
10870 Enterobacteria phage M13	1
6884 Leiurus quinquestriatus hebraeus	1
100226 Streptomyces coelicolor A3(2)	1
33178 Aspergillus terreus	1
34078 Scytonema hofmanni	1
674 Vibrio mimicus	1
142803 Rice dwarf virus (isolate Akita)	1
11666 Equine infectious anemia virus (CLC)	1
185447 Parkia platycephala	1
43306 Pseudomonas denitrificans	1
1302 Streptococcus gordonii	1
212017 Lethocerus indicus	1
10308 Herpes simplex virus (type 1 / strain)	1
5353 Lentinula edodes	1
66188 Micropechis ikaheka	1
1584 Lactobacillus delbrueckii	1
12391 \N	1
5850 Plasmodium knowlesi	1
76935 Bacillus agaradhaerens	1
1883 Streptomyces	1
28572 Penicillium funiculosum	1
329 Ralstonia pickettii	1
10703 Corynebacterium beta	1
435895 Human herpesvirus 8 type M	1
2186 Methanothermococcus thermolithotrophicus	1
108619 Salmonella enterica subsp. enterica	1
118974 Stromatopelma griseipes	1
35631 Conus imperialis	1
38868 Salvia officinalis	1
11700 \N	1
9523 Callicebus moloch	1
192952 Methanosarcina mazei Go1	1
45916 Nostoc ellipsosporum	1
4952 Yarrowia lipolytica	1
1467 Bacillus lentus	1
5554 Trichosporon cutaneum	1

## Original

1669	Arthrobacter sp. NRRL B3728	1
12879	\N	1
315277	Chlamydia trachomatis A/HAR-13	1
6185	Schistosoma haematobium	1
80866	Delftia acidovorans	1
29323	Thermoanaerobacter brockii	1
10761	Enterobacteria phage Sf6	1
6689	Litopenaeus vannamei	1
2246	Haloferax volcanii	1
32044	Pseudomonas mevalonii	1
584	Proteus mirabilis	1
11066	Dengue virus 2 Puerto Rico/PR159	1
11091	\N	1
7748	Lampetra fluviatilis	1
129951	Human adenovirus C	1
168807	Escherichia coli O127:H6	1
3873	Lupinus luteus	1
40245	Cucumaria echinata	1
1188	Tolypothrix sp. PCC 7601	1
11791	AKR (endogenous) murine leukemia	1
9634	Helarctos malayanus	1
198215	Shigella flexneri 2a str. 2457T	1
47969	Oreochromis aureus	1
229992	SARS coronavirus Frankfurt 1	1
63330	Hendra virus	1
1512	Clostridium symbiosum	1
12264	Cowpea mosaic virus	1
10497	African swine fever virus	1
73147	Oat sterile dwarf virus	1
28068	Rubrivivax gelatinosus	1
2021	Thermobifida fusca	1
33703	Suid herpesvirus 1 strain Kaplan	1
34381	Aspergillus japonicus	1
677	\N	1
144185	Leifsonia aquatica	1
37487	Marichromatium purpuratum	1
11670	Equine infectious anemia virus (CEC)	1
8932	Columba livia	1
43759	Streptomyces wedmorensis	1

## Original

11888 Rous sarcoma virus - Prague C	1
213804 Janthinobacterium sp. J3	1
4839 Rhizomucor miehei	1
52853 Silene latifolia subsp. alba	1
1411 Bacillus akibai	1
243277 Vibrio cholerae O1 biovar El Tor str	1
66431 Streptomyces thioluteus	1
1585 Lactobacillus delbrueckii subsp. bul	1
28737 Elephantulus edwardii	1
437607 Influenza A virus (A/hvPR8/34(H1N	1
6454 Haliotis rufescens	1
31645 Hepatitis C virus (isolate Taiwan)	1
544 Citrobacter	1
7225 Scaptodrosophila lebanonensis	1
3349 Pinus sylvestris	1
35670 Naja naja	1
837 Porphyromonas gingivalis	1
3750 Malus x domestica	1
38945 Flammulina velutipes	1
45920 Araneus diadematus	1
224914 Brucella melitensis 16M	1
5053 Aspergillus aculeatus	1
56812 Shewanella frigidimarina	1
10368 Human herpesvirus 6	1
262724 Thermus thermophilus HB27	1
70174 \N	1
1679 Bifidobacterium longum subsp. long	1
1921 Streptomyces olivaceoviridis	1
29342 Clostridium botulinum D phage	1
93061 Staphylococcus aureus subsp. aure	1
11069 Dengue virus 3	1
11099 Bovine viral diarrhea virus 1	1
130081 Galdieria sulphuraria	1
3559 Chenopodium album	1
36377 \N	1
11525 Influenza B virus (STRAIN B/BEIJIN	1
8722 Bothrops asper	1
40324 Stenotrophomonas maltophilia	1
9667 \N	1

## Original

4550 <i>Secale cereale</i>	1
47982 <i>Plexaura homomalla</i>	1
230105 <i>Methylophaga aminisulfivorans</i>	1
5207 <i>Filobasidiella neoformans</i>	1
5741 <i>Giardia intestinalis</i>	1
28081 <i>Bordetella</i> sp.	1
10668 \N	1
6396 <i>Eisenia fetida</i>	1
30308 <i>Ichthyomyzon unicuspis</i>	1
491 <i>Neisseria meningitidis</i> serogroup B	1
101510 <i>Rhodococcus jostii</i> RHA1	1

## Corrected

BI taxonomy identif	Name	Number of interactions
9606	Homo sapiens	120548
4932	Saccharomyces cerevi	116702
7227	Drosophila melanogas	46702
6239	Caenorhabditis elegan	12188
197	Campylobacter jejuni	12025
4896	Schizosaccharomyces	11878
83333	Escherichia coli K-12	10996
10090	Mus musculus	10241
3702	Arabidopsis thaliana	5416
155864	Escherichia coli O157:	4928
160	Treponema pallidum	3647
10116	Rattus norvegicus	3435
1148	Synechocystis sp. PCC	3168
36329	Plasmodium falciparun	2758
83334	Escherichia coli O157:	2560
85962	Helicobacter pylori 266	1598
210	Helicobacter pylori	1572
32630	synthetic construct	1489
11676	Human immunodeficie	1299
511145	Escherichia coli str. K-	1278
562	Escherichia coli	1243
0 \N		1176
386585	Escherichia coli O157:	1069
9913	Bos taurus	1038
39947	Oryza sativa Japonica	503
623	Shigella flexneri	491
246197	Myxococcus xanthus E	377
8355	Xenopus laevis	328
9031	Gallus gallus	306
217992	Escherichia coli O6	296
10376	Human herpesvirus 4	296
4530	Oryza sativa	286
272951	Rickettsia sibirica 246	284
333284	Hepatitis C virus (isola	282
274	Thermus thermophilus	219
1423	Bacillus subtilis	210
9986	Oryctolagus cuniculus	180
10335	Human herpesvirus 3	174



Corrected

9823 <i>Sus scrofa</i>	173
1313 <i>Streptococcus pneumc</i>	170
10377 Human herpesvirus 4 (	141
-2 \N	140
333760 Human papillomavirus	132
602 \N	118
53953 <i>Pyrococcus horikoshii</i>	115
11103 Hepatitis C virus	113
10299 Herpes simplex virus (1	109
10254 Vaccinia virus WR	108
1773 <i>Mycobacterium tubercu</i>	108
287 <i>Pseudomonas aerugin</i>	102
2336 <i>Thermotoga maritima</i>	99
199310 <i>Escherichia coli</i> CFT07	98
44689 <i>Dictyostelium discoidei</i>	96
435895 Human herpesvirus 8 t	96
85963 <i>Helicobacter pylori</i> J99	92
4102 <i>Petunia x hybrida</i>	89
10633 Simian virus 40	88
3888 <i>Pisum sativum</i>	84
146786 <i>Thermosynechococcus</i>	84
28285 Human adenovirus 5	79
3562 <i>Spinacia oleracea</i>	77
1422 <i>Geobacillus stearother</i>	76
7955 <i>Danio rerio</i>	73
1280 <i>Staphylococcus aureus</i>	71
243274 <i>Thermotoga maritima</i> f	69
9615 <i>Canis lupus familiaris</i>	69
5691 <i>Trypanosoma brucei</i>	64
4565 <i>Triticum aestivum</i>	62
1063 <i>Rhodobacter sphaeroic</i>	61
303 <i>Pseudomonas putida</i>	60
40674 Mammalia	58
727 <i>Haemophilus influenza</i>	57
3055 <i>Chlamydomonas reinh</i>	54
190486 <i>Xanthomonas axonopc</i>	51
333761 Human papillomavirus	50
4113 <i>Solanum tuberosum</i>	49
197221 <i>Thermosynechococcus</i>	49

Corrected

2261 Pyrococcus furiosus	48
4081 Solanum lycopersicum	47
37296 Human herpesvirus 8	46
4577 Zea mays	44
266 Paracoccus denitrificans	42
2234 Archaeoglobus fulgidus	41
300852 Thermus thermophilus	40
4097 Nicotiana tabacum	40
145262 Methanothermobacter	39
10760 Enterobacteria phage	39
10580 Human papillomavirus	39
271 Thermus aquaticus	39
2238 Haloarcula marismortui	38
358 Agrobacterium tumefaciens	38
10559 Bovine papillomavirus	38
2287 Sulfolobus solfataricus	37
5833 Plasmodium falciparum	36
4513 Hordeum vulgare	36
10298 Human herpesvirus 1	35
63363 Aquifex aeolicus	35
32046 Synechococcus elongatus	34
1390 Bacillus amyloliquefaciens	34
187420 Methanothermobacter	33
10665 Enterobacteria phage	32
39946 Oryza sativa Indica Group	32
1895 Streptomyces avidinii	32
10407 Hepatitis B virus	31
10245 Vaccinia virus	30
1392 Bacillus anthracis	30
316407 Escherichia coli str. K-12	30
10515 Human adenovirus 2	29
11908 Human T-lymphotropic virus	29
666 Vibrio cholerae	28
9103 Meleagris gallopavo	28
31647 Hepatitis C virus subtype 1	28
1140 Synechococcus elongatus	28
573 Klebsiella pneumoniae	28
10249 Vaccinia virus Copenhagen	28
83332 Mycobacterium tuberculosis	27

## Corrected

176299 <i>Agrobacterium tumefaciens</i>	27
2190 <i>Methanocaldococcus jensenii</i>	27
208964 <i>Pseudomonas aeruginosa</i>	26
354242 <i>Campylobacter jejuni</i> s	25
10029 <i>Cricetulus griseus</i>	25
9796 <i>Equus caballus</i>	25
70601 <i>Pyrococcus horikoshii</i> D	25
1314 <i>Streptococcus pyogenes</i>	25
6421 <i>Hirudo medicinalis</i>	25
9598 <i>Pan troglodytes</i>	24
28282 Human adenovirus 12	24
360111 <i>Campylobacter jejuni</i> s	24
10095 <i>Mus sp.</i>	24
10117 <i>Rattus rattus</i>	23
354 <i>Azotobacter vinelandii</i>	23
1911 <i>Streptomyces griseus</i>	23
83541 <i>Mastigocladus laminosus</i>	23
11309 unidentified influenza v	23
1299 <i>Deinococcus radiodurans</i>	23
243232 <i>Methanocaldococcus jensenii</i>	22
5476 <i>Candida albicans</i>	22
10710 Enterobacteria phage I	21
155892 <i>Caulobacter vibrioides</i>	21
11886 Rous sarcoma virus	20
11060 Dengue virus 2	20
12131 Human rhinovirus 14	20
5141 <i>Neurospora crassa</i>	20
10141 <i>Cavia porcellus</i>	19
1061 <i>Rhodobacter capsulatus</i>	19
262724 <i>Thermus thermophilus</i>	19
1351 <i>Enterococcus faecalis</i>	18
4922 <i>Pichia pastoris</i>	18
-1 \N	17
615 <i>Serratia marcescens</i>	17
186497 <i>Pyrococcus furiosus</i> D	17
632 <i>Yersinia pestis</i>	17
28451 <i>Klebsiella aerogenes</i>	17
227859 SARS coronavirus	17
556 <i>Erwinia chrysanthemi</i>	16

## Corrected

12110 Foot-and-mouth disease	16
306 <i>Pseudomonas</i> sp.	16
9940 <i>Ovis aries</i>	16
1491 <i>Clostridium botulinum</i>	16
10600 Human papillomavirus	16
520 <i>Bordetella pertussis</i>	16
5116 <i>Cryphonectria parasitica</i>	16
9534 <i>Chlorocebus aethiops</i>	16
211044 Influenza A virus (A/Puerto Rico/8/1934)	15
11679 Human immunodeficiency virus 1	15
10118 <i>Rattus</i> sp.	15
4151 <i>Antirrhinum majus</i>	15
9838 <i>Camelus dromedarius</i>	15
1902 <i>Streptomyces coelicolor</i>	14
8616 <i>Bungarus multicinctus</i>	14
56636 <i>Aeropyrum pernix</i>	14
7787 <i>Torpedo californica</i>	14
360110 <i>Campylobacter jejuni</i> s.s.	14
630 <i>Yersinia enterocolitica</i>	14
283166 <i>Bartonella henselae</i> strain ST1	14
99287 <i>Salmonella enterica</i> subsp. <i>enterica</i> serovar <i>Senftenberg</i>	14
86665 <i>Bacillus halodurans</i>	14
5693 <i>Trypanosoma cruzi</i>	14
1085 <i>Rhodospirillum rubrum</i>	13
32644 unidentified	13
1358 <i>Lactococcus lactis</i>	13
11084 Tick-borne encephalitis virus	13
12215 Potato virus A	13
11234 Measles virus	13
10036 <i>Mesocricetus auratus</i>	13
3847 <i>Glycine max</i>	13
13773 <i>Pyrobaculum aerophilum</i>	13
3858 <i>Lathyrus ochrus</i>	13
1079 <i>Blastochloris viridis</i>	13
10585 Human papillomavirus	13
1396 <i>Bacillus cereus</i>	13
1515 <i>Clostridium thermocellum</i>	13
31531 Vaccinia virus L-IPV	13
10754 Enterobacteria phage lambda	12

Corrected

3823 <i>Canavalia ensiformis</i>	12
1502 <i>Clostridium perfringens</i>	12
31199 <i>Argopecten irradians</i>	12
273057 <i>Sulfolobus solfataricus</i>	12
294 <i>Pseudomonas fluoresc</i>	12
11709 Human immunodeficien	11
11276 Vesicular stomatitis vir	11
511 <i>Alcaligenes faecalis</i>	11
1833 <i>Rhodococcus erythrop</i>	11
11105 Hepatitis C virus (isola	11
384509 Influenza A virus (A/ter	11
7757 <i>Petromyzon marinus</i>	11
2303 <i>Thermoplasma acidopl</i>	11
1916 <i>Streptomyces lividans</i>	11
3489 <i>Artocarpus heterophyll</i>	11
12130 Human rhinovirus 2	11
10678 Enterobacteria phage I	11
633 <i>Yersinia pseudotuberc</i>	11
5811 <i>Toxoplasma gondii</i>	11
414 <i>Methylococcus capsula</i>	11
273075 <i>Thermoplasma acidopl</i>	10
12075 Swine vesicular diseas	10
243233 <i>Methylococcus capsula</i>	10
11723 Simian immunodeficien	10
11108 Hepatitis C virus (isola	10
10359 Human herpesvirus 5	10
11320 Influenza A virus	10
32053 <i>Thermosynechococcus</i>	10
323 <i>Pseudomonas syringa</i>	10
139 <i>Borrelia burgdorferi</i>	10
1409 <i>Bacillus</i> sp.	10
1168 <i>Nostoc</i> sp. PCC 7119	10
7224 <i>Drosophila hydei</i>	10
601 \N	10
12721 Human immunodeficien	10
88087 <i>Trimeresurus flavovirid</i>	9
5702 <i>Trypanosoma brucei</i> bl	9
11685 HIV-1 M:B_ARV2/SF2	9
224325 <i>Archaeoglobus fulgidu</i>	9

Corrected

1639 <i>Listeria monocytogene</i>	9
73239 <i>Plasmodium yoelii yoelii</i>	9
112509 <i>Hordeum vulgare</i> subs	9
1427 <i>Bacillus thermoproteolyticus</i>	9
12080 Human poliovirus 1	9
1260 <i>Finnegoldia magna</i>	9
148305 <i>Magnaporthe grisea</i>	9
190386 <i>Agrobacterium tumefaciens</i>	9
10360 Human herpesvirus 5 (strain)	9
2208 <i>Methanosarcina barkeri</i>	9
7091 <i>Bombyx mori</i>	9
1393 <i>Brevibacillus brevis</i>	9
381666 <i>Ralstonia eutropha</i> H10	9
10583 Human papillomavirus	9
10635 Mouse polyomavirus (strain)	9
6621 <i>Loligo pealeii</i>	9
224308 <i>Bacillus subtilis</i> subsp.	8
4100 <i>Nicotiana benthamiana</i>	8
4558 <i>Sorghum bicolor</i>	8
10756 <i>Bacillus phage phi29</i>	8
36409 Rinderpest virus (strain)	8
3885 <i>Phaseolus vulgaris</i>	8
9595 <i>Gorilla gorilla gorilla</i>	8
3988 <i>Ricinus communis</i>	8
6398 <i>Lumbricus terrestris</i>	8
2320 <i>Methanopyrus kandleri</i>	8
7788 <i>Torpedo marmorata</i>	8
6500 <i>Aplysia californica</i>	8
10891 Reovirus sp.	8
69 <i>Lysobacter enzymogenes</i>	8
388812 HIV-1 M:C_92BR025	8
1143 <i>Synechocystis</i> sp.	8
31159 <i>Daboia russellii russellii</i>	8
8656 <i>Naja atra</i>	8
5664 <i>Leishmania major</i>	8
10579 Human papillomavirus	8
3649 <i>Carica papaya</i>	8
12086 Human poliovirus 3	8
238 <i>Elizabethkingia meningoseptica</i>	8

Corrected

10684 Bacillus phage PBS2	8
3544 Mesembryanthemum c	7
12069 Human coxsackievirus	7
881 Desulfovibrio vulgaris	7
11599 Hantaan virus	7
1352 Enterococcus faecium	7
8618 Dendroaspis angustice	7
669 Vibrio harveyi	7
317 Pseudomonas syringae	7
3457 Dioscoreophyllum cum	7
1131 Synechococcus sp.	7
10338 Human herpesvirus 3 ε	7
1402 Bacillus licheniformis	7
12208 Pea seed-borne mosai	7
12081 Human poliovirus 1 Mε	7
5911 Tetrahymena thermopl	7
10804 Adeno-associated viru:	7
1404 Bacillus megaterium	7
285 Comamonas testosterc	7
488537 Clostridium perfringens	7
7067 Tenebrio molitor	7
7153 Chironomus tentans	7
154633 Human herpesvirus 3 \	7
585 Proteus vulgaris	7
4084 Solanum pimpinellifoliu	7
37998 Engyodontium album	7
162425 Emericella nidulans	7
11801 Moloney murine leuker	7
11901 Bovine leukemia virus	7
227321 Aspergillus nidulans FC	7
158 Treponema denticola	7
1167 Anabaena sp.	7
10527 Human adenovirus 9	7
296 Pseudomonas fragi	7
8846 Anser indicus	7
45659 Human adenovirus 3	7
1901 Streptomyces clavulige	7
730 Haemophilus ducreyi	6
2285 Sulfolobus acidocaldar	6

Corrected

10636 Murine polyomavirus s	6
12072 Human coxsackievirus	6
2286 Sulfolobus shibatae	6
1591 Lactobacillus sp.	6
10690 Haemophilus phage HI	6
44130 Human rhinovirus 3	6
1049 Allochromatium vinosu	6
119602 Streptococcus dysgala	6
12078 Human echovirus 11	6
5855 Plasmodium vivax	6
83374 Galdieria partita	6
10658 Enterobacteria phage I	6
103690 Nostoc sp. PCC 7120	6
387139 Influenza A virus (A/Aik	6
5656 Crithidia fasciculata	6
3490 Artocarpus integer	6
2026 Thermoactinomyces vt	6
421877 Hepatitis C virus isolati	6
28985 Kluyveromyces lactis	6
6253 Ascaris suum	6
8839 Anas platyrhynchos	6
12083 Human poliovirus 2	6
5791 Physarum polycephalu	6
41529 Salmonella enterica su	6
876 Desulfovibrio desulfuric	6
3708 Brassica napus	6
485 Neisseria gonorrhoeae	6
47421 Hydrogenophaga pseu	6
12064 Bovine enterovirus	6
352472 Dictyostelium discoidei	6
8364 Xenopus (Silurana) tro	6
272557 Aeropyrum pernix K1	6
408 Methylobacterium exto	6
12067 Human coxsackievirus	6
550 Enterobacter cloacae	6
879 Desulfovibrio gigas	6
3972 Viscum album	6
374840 Enterobacteria phage p	6
11678 Human immunodeficie	6



Corrected

3712 <i>Brassica oleracea</i>	6
382848 Influenza A virus (A/sw	6
118562 <i>Arthrospira platensis</i>	6
47881 <i>Pseudomonas pavona</i>	5
7111 <i>Trichoplusia ni</i>	5
554 <i>Pectobacterium caroto</i>	5
8022 <i>Oncorhynchus mykiss</i>	5
1720 <i>Corynebacterium sp.</i>	5
8030 <i>Salmo salar</i>	5
211586 <i>Shewanella oneidensis</i>	5
1525 <i>Moorella thermoacetica</i>	5
55676 <i>Oligobrachia mashikoi</i>	5
5061 <i>Aspergillus niger</i>	5
93061 <i>Staphylococcus aureus</i>	5
11033 Semliki forest virus	5
10384 Herpesvirus saimiri (sti	5
111955 <i>Sulfolobus tokodaii</i>	5
11610 Seoul virus SR11	5
8724 <i>Bothrops jararaca</i>	5
5062 <i>Aspergillus oryzae</i>	5
5722 <i>Trichomonas vaginalis</i>	5
360108 <i>Campylobacter jejuni s</i>	5
10879 <i>Pseudomonas phage p</i>	5
1050 <i>Thermochromatium te</i>	5
17 <i>Methylophilus methylol</i>	5
571 <i>Klebsiella oxytoca</i>	5
10243 Cowpox virus	5
1866 <i>Actinoplanes missouri</i>	5
11113 Hepatitis C virus isolat	5
195058 <i>Naja sagittifera</i>	5
69488 <i>Penicillium simplicissin</i>	5
34 <i>Myxococcus xanthus</i>	5
844 <i>Wolinella succinogene</i>	5
203119 <i>Clostridium thermocelli</i>	5
420174 Hepatitis C virus isolat	5
905 <i>Acidaminococcus ferm</i>	5
12126 Theiler's encephalomy	5
272943 <i>Rhodobacter sphaeroic</i>	5
28901 <i>Salmonella enterica</i>	5

## Corrected

226185 <i>Enterococcus faecalis</i>	5
97228 <i>Dabovia russellii</i> pulche	5
847 <i>Oxalobacter formigene</i>	5
1501 <i>Clostridium pasteurianu</i>	5
6523 <i>Lymnaea stagnalis</i>	5
11698 Human immunodeficie	5
46633 Human echovirus 1	5
2265 <i>Thermococcus litoralis</i>	5
235 <i>Brucella abortus</i>	5
1282 <i>Staphylococcus epider</i>	5
5665 <i>Leishmania mexicana</i>	5
293 <i>Brevundimonas diminu</i>	5
115711 <i>Chlamydomydia pneum</i>	5
644 <i>Aeromonas hydrophila</i>	5
1076 <i>Rhodopseudomonas p</i>	5
1320 <i>Streptococcus sp. 'grou</i>	5
103944 <i>Protobothrops mucros</i>	5
11673 Feline immunodeficien	5
59405 <i>Thauera aromatica</i>	5
129875 Human adenovirus A	5
3661 <i>Cucurbita maxima</i>	5
878 <i>Desulfovibrio fructosov</i>	5
5482 <i>Candida tropicalis</i>	5
538120 Mammalian orthoreovir	5
40051 Bluetongue virus	5
42897 <i>Shigella flexneri</i> 2a	5
11191 Sendai virus	5
40137 <i>Oligotropha carboxidov</i>	4
3673 <i>Momordica charantia</i>	4
243230 <i>Deinococcus radiodure</i>	4
4843 <i>Rhizopus microsporus</i>	4
65404 <i>Polysiphonia urceolata</i>	4
10381 Saimiriine herpesvirus	4
272562 <i>Clostridium acetobutyli</i>	4
5507 <i>Fusarium oxysporum</i>	4
6183 <i>Schistosoma mansoni</i>	4
1831 <i>Rhodococcus sp.</i>	4
1590 <i>Lactobacillus plantarur</i>	4
6945 <i>Ixodes scapularis</i>	4

Corrected

3329	<i>Picea abies</i>	4
3879	<i>Medicago sativa</i>	4
3677	<i>Trichosanthes kirilowii</i>	4
13037	<i>Danaus plexippus</i>	4
273121	<i>Wolinella succinogenes</i>	4
2242	<i>Halobacterium salinarum</i>	4
11720	Human immunodeficiency virus	4
301447	<i>Streptococcus pyogenes</i>	4
4905	<i>Pichia angusta</i>	4
1836	<i>Saccharopolyspora erythraea</i>	4
10872	<i>Pseudomonas</i> phage F	4
622	<i>Shigella dysenteriae</i>	4
46015	<i>Autographa californica</i>	4
1752	<i>Propionibacterium freudenreichii</i>	4
1309	<i>Streptococcus mutans</i>	4
818	<i>Bacteroides thetaiotaomicron</i>	4
200597	<i>Sterkiella nova</i>	4
30591	<i>Aotus azarai</i>	4
11082	West Nile virus	4
8090	<i>Oryzias latipes</i>	4
12124	Theiler's encephalomyelitis virus	4
6707	<i>Homarus gammarus</i>	4
2787	<i>Porphyra purpurea</i>	4
8730	<i>Crotalus atrox</i>	4
1311	<i>Streptococcus agalactiae</i>	4
1665	<i>Arthrobacter globiformis</i>	4
73841	<i>Vipera ammodytes mesasiatica</i>	4
9601	<i>Pongo abelii</i>	4
11696	HIV-1 M:B_MN	4
1667	<i>Arthrobacter</i> sp.	4
2262	<i>Pyrococcus woesei</i>	4
40690	<i>Trematomus bernacchii</i>	4
3906	<i>Vicia faba</i>	4
11665	Equine infectious anemia virus	4
10506	<i>Paramecium bursaria</i> C	4
1074	<i>Rhodoblastus acidophilus</i>	4
226186	<i>Bacteroides thetaiotaomicron</i>	4
290579	HIV-1 M:B_Lai	4
542	<i>Zymomonas mobilis</i>	4

## Corrected

362651 Human immunodeficiency virus 1	4
915 <i>Nitrosomonas europae</i>	4
79257 <i>Rhodomonas</i> sp. CS24	4
1894 <i>Streptomyces aureofaci</i>	4
2209 <i>Methanosarcina mazei</i>	4
12227 Tobacco etch virus	4
6426 <i>Riftia pachyptila</i>	4
546 <i>Citrobacter freundii</i>	4
6108 <i>Anemonia sulcata</i>	4
8692 <i>Bitis arietans</i>	4
29292 <i>Pyrococcus abyssi</i>	4
6848 <i>Carcinoscorpius rotundicollis</i>	4
36307 <i>Deinagkistrodon acutus</i>	4
11855 Mason-Pfizer monkey virus	4
9541 <i>Macaca fascicularis</i>	4
10849 Enterobacteria phage lambda	4
337042 Human papillomavirus 16	4
10991 Rice dwarf virus	4
2214 <i>Methanosarcina acetivorans</i>	4
3864 <i>Lens culinaris</i>	4
9544 <i>Macaca mulatta</i>	4
106590 <i>Cupriavidus necator</i>	4
1301 <i>Streptococcus</i>	4
12243 Tobacco mosaic virus	3
173 <i>Leptospira interrogans</i>	3
169066 Human rhinovirus sp.	3
10864 Enterobacteria phage lambda	3
2111 <i>Mycoplasma arthritidis</i>	3
426 <i>Methylosinus trichosporus</i>	3
12145 Tomato bushy stunt virus	3
10279 <i>Molluscum contagiosum</i>	3
257313 <i>Bordetella pertussis</i> Tc	3
10530 Murine adenovirus 1	3
93050 <i>Echis multisquamatus</i>	3
382853 Influenza A virus (A/swine)	3
198803 <i>Bacillus</i> sp. MN-32	3
1097 <i>Chlorobaculum tepidum</i>	3
9925 <i>Capra hircus</i>	3
12253 Tomato mosaic virus	3

Corrected

1488 Clostridium acetobutyli	3
12353 Enterobacteria phage I	3
31553 Papillomavirus sylvilag	3
37554 Enterobacteria phage I	3
68728 Chrysocyon brachyuru	3
1905 Streptomyces exfoliatu	3
574521 Escherichia coli O127:	3
1098 Prosthecochloris vibrio	3
12260 Bean pod mottle virus	3
10333 Equine herpesvirus typ	3
416870 Lactococcus lactis sub	3
36436 Simian rotavirus A/SA1	3
170187 Streptococcus pneumc	3
51453 Hypocrea jecorina	3
1197 Fremyella diplosiphon	3
89020 Mustelus griseus	3
31645 Hepatitis C virus (isola	3
2180 Methanothermus fervic	3
443255 Streptomyces clavulige	3
3818 Arachis hypogaea	3
9770 Balaenoptera physalus	3
1307 Streptococcus suis	3
316 Pseudomonas stutzeri	3
11034 Sindbis virus	3
35730 Trematomus newnesi	3
518 Bordetella bronchisepti	3
158878 Staphylococcus aureus	3
817 Bacteroides fragilis	3
1354 Enterococcus hirae	3
1494 Clostridium cochleariu	3
102746 Hieracium piloselloides	3
8053 Gadus callarias	3
9597 Pan paniscus	3
10144 Cavia cutleri	3
12475 Hepatitis delta virus	3
31646 Hepatitis C virus subtyl	3
2775 Gracilaria chilensis	3
11686 Human immunodeficie	3
12161 Beet yellows virus	3

Corrected

260809 \N	3
5076 <i>Penicillium chrysogenum</i>	3
5724 <i>Tritrichomonas foetus</i>	3
345076 <i>Vibrio cholerae</i> V52	3
121791 Nipah virus	3
2257 <i>Natronomonas pharaonis</i>	3
62977 <i>Acinetobacter</i> sp. ADP	3
269084 <i>Synechococcus elongatus</i>	3
10623 Cottontail rabbit papilloma virus	3
5861 <i>Plasmodium yoelii</i>	3
10794 Minute virus of mice	3
33708 Murid herpesvirus 4	3
10884 Mammalian orthoreovirus	3
11689 Human immunodeficiency virus 1	3
10712 Phage 434	3
35816 <i>Pelobacter acidigallici</i>	3
48465 <i>Prostheco bacter</i> dejon	3
10030 <i>Cricetulus longicaudatus</i>	3
1765 <i>Mycobacterium bovis</i>	3
103782 Pariacato virus	3
8167 <i>Perca flavescens</i>	3
4076 <i>Datura stramonium</i>	3
1887 <i>Streptomyces albogriseolus</i>	3
8732 <i>Crotalus durissus terrificus</i>	3
35889 <i>Nicotiana glutinosa</i>	3
2334 <i>Bacillus</i> sp. PS3	3
1406 <i>Paenibacillus polymyxa</i>	3
10923 Simian rotavirus A/SA1	3
4498 <i>Avena sativa</i>	3
13689 <i>Sphingomonas paucimobilis</i>	3
82367 <i>Paracoccus pantotrophus</i>	3
11241 Rinderpest virus	3
8237 <i>Thunnus thynnus</i>	3
873 <i>Desulfovibrio africanus</i>	3
205488 Ebola virus sp.	3
10366 Murid herpesvirus 1	3
10632 JC polyomavirus	3
6100 <i>Aequorea victoria</i>	3
1772 <i>Mycobacterium smegmatis</i>	3

Corrected

103908 Echovirus 1 (strain Far	3
382 Sinorhizobium meliloti	3
219334 Lactobacillus casei suk	3
8843 Anser anser	3
226900 Bacillus cereus ATCC	3
10315 Human herpesvirus 2 ε	3
263374 Bordetella phage BMP	3
11247 Bovine respiratory syn	3
4682 Allium sativum	3
10847 Enterobacteria phage ϕ	3
37137 Simian rotavirus A/SA1	3
11520 Influenza B virus	3
31767 Hepatitis E virus (strair	3
2210 Methanosarcina therm	3
11149 Transmissible gastroer	3
198214 Shigella flexneri 2a str.	3
1931 Streptomyces sp.	3
7102 Heliothis virescens	3
42003 Griffithsia monilis	3
1394 Bacillus caldolyticus	3
12657 Equid herpesvirus 2	3
92694 Rhodococcus sp. NCIM	3
11708 Human immunodeficie	3
1083 Phaeosporidium molisch	3
9874 Odocoileus virginianus	3
10326 Equid herpesvirus 1	3
71421 Haemophilus influenza	3
1474 Sporosarcina pasteurii	3
15957 Phleum pratense	3
5821 Plasmodium berghei	3
340 Xanthomonas campe	3
272558 Bacillus halodurans C-	3
11552 Influenza C virus	3
9685 Felis catus	3
1421 Lysinibacillus sphaeric	3
6938 Ornithodoros moubata	3
198628 Erwinia chrysanthemi ε	2
227984 SARS coronavirus Tor	2
1338 Streptococcus interme	2

Corrected

1718 <i>Corynebacterium glut</i>	2
353152 <i>Cryptosporidium parvu</i>	2
6437 <i>Themiste zostericola</i>	2
100226 <i>Streptomyces coelicolc</i>	2
11070 Dengue virus 4	2
11868 Avian myelocytomatos	2
3981 <i>Hevea brasiliensis</i>	2
51336 Cabbage leaf curl virus	2
12107 Mengo virus	2
1520 <i>Clostridium beijerinckii</i>	2
318586 <i>Paracoccus denitrificar</i>	2
374844 Enterobacteria phage (	2
435896 Human herpesvirus 8 t	2
8717 <i>Calloselasma rhodostc</i>	2
11983 Norwalk virus	2
55084 <i>Pandinus imperator</i>	2
5059 <i>Aspergillus flavus</i>	2
10685 <i>Bacillus</i> phage SPO1	2
31958 <i>Amycolatopsis orient</i>	2
305 <i>Ralstonia solanacearu</i>	2
47914 <i>Brevibacterium fuscum</i>	2
265874 <i>Ectromelia virus Moscc</i>	2
5306 <i>Phanerochaete chryso</i>	2
30077 <i>Triatoma pallidipennis</i>	2
6442 <i>Phascolopsis gouldii</i>	2
101510 <i>Rhodococcus jostii</i> RH	2
350 <i>Zoogloea ramigera</i>	2
11072 Japanese encephalitis	2
51350 <i>Brassica rapa</i> subsp. r.	2
65406 <i>Pseudomonas</i> sp. 7A	2
1398 <i>Bacillus coagulans</i>	2
272626 <i>Listeria innocua</i> Clip11	2
5514 <i>Fusarium sporotrichioic</i>	2
322710 <i>Azotobacter vinelandii</i>	2
375732 Influenza A virus (A/sw	2
109171 <i>Pachyrhizus erosus</i>	2
11104 Hepatitis C virus (isola	2
2743 <i>Marinobacter hydrocar</i>	2
11604 Puumala virus	2



## Corrected

11683 Human immunodeficiency virus 1	2
224324 Aquifex aeolicus VF5	2
1306 Streptococcus sp.	2
12147 Tomato bushy stunt virus	2
258594 Rhodospseudomonas palustris	2
80863 Populus tremula x Populus nigra	2
6359 Platynereis dumerilii	2
32002 Achromobacter denitrificans	2
119072 Thermoanaerobacter thermophilus	2
512 Alcaligenes sp.	2
11207 Simian virus 5	2
228407 SARS coronavirus BJC	2
266834 Sinorhizobium meliloti	2
1744 Propionibacterium freudenreichii	2
192 Azospirillum brasilense	2
1956 Streptomyces diastaticus	2
130308 Human adenovirus E	2
3679 Ecballium elaterium	2
11876 Avian sarcoma virus	2
12116 Foot-and-mouth disease virus	2
12371 Phage h30	2
77133 uncultured bacterium	2
10641 Cauliflower mosaic virus	2
324602 Chloroflexus aurantiacus	2
6192 Fasciola hepatica	2
275 Thermus sp.	2
379746 Influenza A virus (A/swine)	2
6703 Pandalus borealis	2
194439 Chlorobium tepidum T1	2
12154 Turnip yellow mosaic virus	2
10553 Fowl adenovirus 1	2
16 Methylophilus	2
93934 Coturnix japonica	2
7004 Locusta migratoria	2
11208 Simian virus 5 (strain V)	2
40353 Echis carinatus	2
12264 Cowpea mosaic virus	2
10614 Human papillomavirus	2
30408 Crossoptilon crossoptilum	2

## Corrected

11077 Kunjin virus	2
8631 Laticauda semifasciata	2
4043 Petroselinum crispum	2
1245 Leuconostoc mesenter	2
4906 Williopsis saturnus	2
1553 Clostridium tetanomorph	2
28875 Rotavirus A	2
1848 Pseudonocardia therm	2
670 Vibrio parahaemolyticu	2
194699 Bordetella phage BPP-	2
9793 Equus asinus	2
224326 Borrelia burgdorferi B3	2
13555 Haemadipsa sylvestris	2
81759 Hyacinthoides hispanic	2
7010 Schistocerca gregaria	2
11216 Human parainfluenza v	2
48386 Perilla frutescens	2
12285 Black beetle virus	2
5341 Agaricus bisporus	2
7130 Manduca sexta	2
36773 Burkholderia sp.	2
899 Desulfomicrobium baci	2
11879 Avian sarcoma virus P	2
272844 Pyrococcus abyssi GE	2
77929 Rhodomonas sp.	2
1580 Lactobacillus brevis	2
6238 Caenorhabditis briggsae	2
280 Xanthobacter autotropl	2
380344 Influenza A virus (A/ch	2
2188 Methanococcus voltae	2
452646 Neovison vison	2
1428 Bacillus thuringiensis	2
10560 Bovine papillomavirus	2
319 Pseudomonas syringae	2
122586 Neisseria meningitidis	2
529 Ochrobactrum anthrop	2
11741 Visna/Maedi virus	2
9490 Saguinus oedipus	2
1360 Lactococcus lactis sub	2

## Corrected

1498 Clostridium histolyticur	2
10624 Polyomavirus	2
307796 Saccharomyces cerevi	2
223 Achromobacter cyclocl	2
375 Bradyrhizobium japoni	2
132961 Bungarus caeruleus	2
11885 Fujinami sarcoma virus	2
31708 Human rhinovirus 16	2
380350 Influenza A virus (A/sw	2
11641 Human foamy virus	2
196620 Staphylococcus aureus	2
3840 Vigna unguiculata sube	2
12023 Pseudomonas phage F	2
262338 SARS coronavirus GD	2
5085 Aspergillus fumigatus	2
10566 Human papillomavirus	2
10714 Corynephage omega	2
348776 Mycobacterium tuberci	2
11053 Dengue virus 1	2
123217 Anopheles cracens	2
176674 Influenza A virus (A/DL	2
9521 Saimiri sciureus	2
12082 Human poliovirus 1 str:	2
12288 Nodamura virus	2
10626 Hamster polyomavirus	2
6087 Hydra vulgaris	2
85698 Achromobacter xyloso:	2
1769 Mycobacterium leprae	2
381 Mesorhizobium loti	2
11088 Tick-borne encephalitis	2
8175 Sparus aurata	2
190485 Xanthomonas campes	2
244589 Sulfolobus virus 1	2
503404 Tomato yellow leaf cur	2
3843 Erythrina corallodendrc	2
12042 Beet western yellows v	2
10310 Human herpesvirus 2	2
70698 M28 virus	2
5759 Entamoeba histolytica	2

Corrected

1147 Synechocystis sp. PCC	2
12302 Brome mosaic virus	2
5386 Xerocomus chrysenter	2
311246 Influenza A virus (A/Mc	2
6526 Biomphalaria glabrata	2
11089 Yellow fever virus	2
7159 Aedes aegypti	2
135461 Bacillus subtilis subsp.	2
3704 Armoracia rusticana	2
45410 Hepatitis B virus adw4/	2
246196 Mycobacterium smegm	2
1408 Bacillus pumilus	2
29170 Ancylostoma caninum	2
6279 Brugia malayi	2
91753 Cucurbit aphid-borne y	2
480 Moraxella catarrhalis	2
11138 Murine hepatitis virus	2
11706 HIV-1 M:B_HXB2R	2
4511 Eleusine coracana	2
59201 Salmonella enterica su	2
291940 Artocarpus hirsutus	2
10724 Bacillus phage SPP1	2
1929 Streptomyces rubiginos	2
11063 Dengue virus 2 Malays	2
2271 Thermoproteus tenax	2
180454 Anopheles gambiae sti	2
208893 Human respiratory syn	2
10370 Human herpesvirus 6 (	2
28450 Burkholderia pseudom	2
6550 Mytilus edulis	2
394 Rhizobium sp. NGR23	2
7165 Anopheles gambiae	2
190650 Caulobacter crescentu	2
45441 Enterobacteria phage I	2
920 Acidithiobacillus ferroo	2
4087 Nicotiana glauca	2
12134 Human rhinovirus 1A	2
10255 Variola virus	2
12643 Ectromelia virus	2

Corrected

5689 Leishmania tarentolae	2
155077 Cellvibrio japonicus	2
3505 Betula pendula	2
715 Actinobacillus pleuropr	2
11707 Human immunodeficie	2
8844 Anser anser anser	2
1324 Streptococcus sp. G14	2
1697 Corynebacterium amm	2
337 Burkholderia glumae	2
11065 Dengue virus 2 Thailar	2
3916 Vigna radiata var. radi	2
50339 Thermoplasma volcani	2
240269 Paramecium bursaria (	2
4754 Pneumocystis carinii	2
64574 Radiomyces spectabili	2
10634 Murine polyomavirus	2
8705 Vipera ammodytes am	2
3711 Brassica rapa	2
9675 Paguma larvata	2
12136 Cricket paralysis virus	2
10258 Orf virus	2
257309 Corynebacterium dipht	2
67825 Citrobacter rodentium	2
273063 Sulfolobus tokodaii str.	2
79676 Pseudomonas sp. CF6	2
1587 Lactobacillus helveticu	2
29303 Streptomyces cattleya	2
-8 \N	2
382841 Influenza A virus (A/se	2
487 Neisseria meningitidis	2
11176 Newcastle disease viru	2
3527 Phytolacca americana	2
198215 Shigella flexneri 2a str.	2
47519 Calystegia sepium	2
5270 Ustilago maydis	2
83331 Mycobacterium tubercu	2
6436 Themiste dyscritum	2
1932 Streptomyces tendae	2
7108 Spodoptera frugiperda	2

Corrected

129910	<i>Arthrospira maxima</i>	2
2280	<i>Staphylothermus marinus</i>	2
3663	<i>Cucurbita pepo</i>	2
210007	<i>Streptococcus mutans</i>	2
28502	<i>Amaranthus hypochondriacus</i>	2
6182	<i>Schistosoma japonicum</i>	2
1829	<i>Rhodococcus rhodochrous</i>	2
2104	<i>Mycoplasma pneumoniae</i>	2
8714	<i>Glycydium halys</i>	2
927	<i>Halothiobacillus neapolitanus</i>	2
223283	<i>Pseudomonas syringae</i>	2
54914	<i>Brevibacillus parabrevi</i>	2
67831	<i>Rhipicephalus bursa</i>	2
31902	<i>Dasyatis akajei</i>	2
10995	Infectious bursal disease virus	2
7719	<i>Ciona intestinalis</i>	2
8932	<i>Columba livia</i>	1
3873	<i>Lupinus luteus</i>	1
4550	<i>Secale cereale</i>	1
59837	<i>Leiostomus xanthurus</i>	1
10329	Equine herpesvirus type 1	1
265872	Cowpox virus (Brighton 01)	1
5286	<i>Rhodosporidium toruloides</i>	1
72539	<i>Physalis mottle virus</i>	1
1479	<i>Bacillus smithii</i>	1
18101	<i>Gerbera hybrid cultivar</i>	1
10593	Human papillomavirus type 16	1
300269	<i>Shigella sonnei</i> Ss046	1
5827	<i>Plasmodium cynomolgi</i>	1
30076	<i>Triatoma infestans</i>	1
1938	<i>Streptomyces viridochromi</i>	1
346	<i>Xanthomonas citri</i>	1
405212	<i>Alicyclobacillus acidophilus</i>	1
129951	Human adenovirus C	1
36374	Visna/maedi virus EV1	1
8403	<i>Rana perezi</i>	1
185431	<i>Trypanosoma brucei</i> Tsetse	1
43306	<i>Pseudomonas denitrificans</i>	1
9548	<i>Macaca radiata</i>	1

Corrected

1172 <i>Anabaena variabilis</i>	1
1397 <i>Bacillus circulans</i>	1
12336 <i>Clostridium phage c-st</i>	1
76854 <i>Shewanella massilia</i>	1
28503 <i>Sambucus ebulus</i>	1
31552 Human papillomavirus	1
272 <i>Thermus caldophilus</i>	1
6644 \N	1
108619 <i>Salmonella enterica su</i>	1
34028 <i>Comamonas sp.</i>	1
7225 <i>Scaptodrosophila lebai</i>	1
144185 <i>Leifsonia aquatica</i>	1
2489 Plasmid R483	1
37501 <i>Maackia amurensis</i>	1
192387 <i>Alicyclobacillus sendaii</i>	1
3750 <i>Malus x domestica</i>	1
45916 <i>Nostoc ellipsosporum</i>	1
940 <i>Hydrogenobacter therr</i>	1
9739 <i>Tursiops truncatus</i>	1
1302 <i>Streptococcus gordonii</i>	1
68170 <i>Lechevalieria aerocolo</i>	1
12814 Respiratory syncytial v	1
5699 <i>Trypanosoma vivax</i>	1
79930 <i>Methanothermobacter</i>	1
29323 <i>Thermoanaerobacter b</i>	1
343250 <i>Daboia russellii siamer</i>	1
6352 \N	1
11008 <i>Saccharomyces cerevi</i>	1
118974 <i>Stromatopelma griseip</i>	1
35688 <i>Porphyridium purpureu</i>	1
11195 Sendai virus (strain Fu	1
542959 BPP-1-like phages	1
7723 <i>Polyandrocampa misaki</i>	1
157732 <i>Rhodococcus sp. NCIM</i>	1
39152 <i>Methanococcus maripæ</i>	1
3559 <i>Chenopodium album</i>	1
40245 <i>Cucumaria echinata</i>	1
735 <i>Haemophilus parahaer</i>	1
11716 Human immunodeficie	1

Corrected

228330 SARS coronavirus Urb	1
61172 Laguna Negra virus	1
10331 Equid herpesvirus 4	1
73044 Streptomyces seoulens	1
28039 Lactobacillus leichman	1
10598 Human papillomavirus	1
188 Magnetospirillum magr	1
1950 Streptomyces peucetiu	1
408870 Dengue virus 3 Philipp	1
7116 Pieris brassicae	1
130081 Galdieria sulphuraria	1
11278 Vesicular stomatitis Inc	1
169963 Listeria monocytogene	1
185447 Parkia platycephala	1
43759 Streptomyces wedmon	1
882 Desulfovibrio vulgaris s	1
11873 Avian musculoaponeur	1
9556 Papio cynocephalus	1
3983 Manihot esculenta	1
1188 Tolypothrix sp. PCC 76	1
10383 Herpesvirus saimiri (sti	1
76935 Bacillus agaradhaeren	1
28572 Penicillium funiculosun	1
10637 Mouse polyomavirus (s	1
6185 Schistosoma haematol	1
88764 Conus episcopatus	1
10870 Enterobacteria phage I	1
6689 Litopenaeus vannamei	1
2130 Ureaplasma urealyticu	1
34381 Aspergillus japonicus	1
435 Acetobacter aceti	1
437607 Influenza A virus (A/hv	1
668 Vibrio fischeri	1
8722 Bothrops asper	1
192952 Methanosarcina mazei	1
3816 Abrus precatorius	1
45920 Araneus diadematus	1
964 Herbaspirillum seropec	1
11986 Carnation mottle virus	1



Corrected

9749 Delphinapterus leucas	1
10533 Human adenovirus 1	1
29342 Clostridium botulinum l	1
344021 Enterobacteria phage l	1
383561 Influenza A virus (A/sw	1
6956 Dermatophagoides pte	1
35703 Citrobacter amalonatic	1
7748 Lampetra fluviatilis	1
157791 Vigna radiata	1
3349 Pinus sylvestris	1
39300 Ectatomma tuberculatu	1
40324 Stenotrophomonas ma	1
813 Chlamydia trachomatis	1
199306 Coccidioides posadasii	1
47969 Oreochromis aureus	1
61861 Canavalia brasiliensis	1
5319 Irpex lacteus	1
73147 Oat sterile dwarf virus	1
28068 Rubrivivax gelatinosus	1
5850 Plasmodium knowlesi	1
30308 Ichthyomyzon unicuspis	1
360102 Yersinia pestis Antiqua	1
6454 Haliotis rufescens	1
102203 Favia fava	1
33178 Aspergillus terreus	1
11073 Japanese encephalitis	1
7119 Antheraea pernyi	1
11283 Vesicular stomatitis viru	1
8049 Gadus morhua	1
883 Desulfovibrio vulgaris s	1
212017 Lethocerus indicus	1
65553 Sulfurospirillum deleyia	1
1399 Bacillus firmus	1
272631 Mycobacterium leprae	1
5539 Scytalidium lignicola	1
1550 Clostridium subtermina	1
28737 Elephantulus edwardii	1
34413 Humicola insolens	1
438 Acetobacter pasteuriar	1

Corrected

7240	<i>Drosophila simulans</i>	1
145263	<i>Methanothermobacter</i>	1
2771	<i>Cyanidium caldarium</i>	1
37632	<i>Amycolatopsis</i> sp.	1
11988	Turnip crinkle virus	1
55810	<i>Bulinus truncatus</i>	1
260674	<i>Citrullus lanatus</i> subsp	1
69011	<i>Pseudomonas</i> sp. C18	1
1426	<i>Geobacillus thermoglucosus</i>	1
13249	<i>Rhodnius prolixus</i>	1
280048	<i>Copaifera langsdorffii</i>	1
80866	<i>Delftia acidovorans</i>	1
29388	<i>Staphylococcus capitis</i>	1
345073	<i>Vibrio cholerae</i> O395	1
6396	<i>Eisenia fetida</i>	1
32044	<i>Pseudomonas mevaloni</i>	1
2243	<i>Halobacterium</i> sp.	1
3352	<i>Pinus taeda</i>	1
39443	Carnation Italian ringspot	1
3567	<i>Amaranthus caudatus</i>	1
9267	<i>Didelphis virginiana</i>	1
47982	<i>Plexaura homomalla</i>	1
1108	<i>Chloroflexus aurantiacus</i>	1
228410	<i>Nitrosomonas europaeae</i>	1
62887	<i>Gliocladium</i>	1
266835	<i>Mesorhizobium loti</i> MA	1
5322	<i>Pleurotus ostreatus</i>	1
28081	<i>Bordetella</i> sp.	1
301887	<i>Echinophyllia</i> sp. SC22	1
10761	Enterobacteria phage 4	1
6456	<i>Halictis fulgens</i>	1
1963	<i>Streptomyces olivochromus</i>	1
33703	Suid herpesvirus 1 strain	1
418136	<i>Francisella tularensis</i> sensu stricto	1
7123	<i>Hyalophora cecropia</i>	1
130309	Human adenovirus F	1
36659	<i>Volvariella volvacea</i>	1
563	<i>Escherichia blattae</i>	1
11292	Rabies virus	1

Corrected

171101 Streptococcus pneumo	1
186538 Zaire ebolavirus	1
3690 Populus x canadensis	1
44270 Leishmania mexicana	1
887 \N	1
11878 Avian sarcoma virus C	1
213804 Janthinobacterium sp.	1
52275 Human adenovirus 37	1
12118 Foot-and-mouth diseas	1
65699 Neisseria meningitidis	1
1400 Bacillus intermedius	1
272634 Mycoplasma pneumon	1
5541 Thermomyces lanugin	1
77763 Banna virus	1
326425 Lactobacillus helveticu	1
6206 Taenia saginata	1
90370 Salmonella enterica su	1
276 Thermus filiformis	1
380285 Influenza A virus (A/tur	1
6706 Homarus americanus	1
2186 Methanothermococcus	1
34631 Rhipicephalus appendi	1
442 Gluconobacter oxydan	1
445985 Borrelia burgdorferi ZS	1
7242 Drosophila sp.	1
37682 Aegilops tauschii	1
11623 Lymphocytic choriome	1
8729 Crotalus adamanteus	1
46018 Human echovirus 7	1
12017 Enterobacteria phage f	1
4120 Ipomoea batatas	1
10301 Herpes simplex virus (1	1
69014 Thermococcus kodaka	1
282458 Staphylococcus aureus	1
1642 Listeria innocua	1
29390 Streptococcus gordonii	1
10711 Enterobacteria phage I	1
95649 Bothrops neuwiedi pau	1
1914 Streptomyces lavendul	1

Corrected

11036 Venezuelan equine en	1
35806 Rhodovulum sulfidophi	1
158879 Staphylococcus aureus	1
39682 Viridovipera stejnegeri	1
3570 Dianthus caryophyllus	1
40410 Cryptococcus neoform	1
11733 Simian immunodeficien	1
9430 Desmodus rotundus	1
3891 Psophocarpus tetragor	1
229992 SARS coronavirus Fra	1
4615 Ananas comosus	1
73475 Chicken anemia virus (	1
1496 Clostridium difficile	1
28278 Human adenovirus 19	1
306263 Campylobacter lari RM	1
1760 Actinobacteria (class)	1
6494 Conus textile	1
2017 Streptoalloteichus hind	1
361 Agrobacterium sp.	1
419947 Mycobacterium tuberci	1
132504 Influenza A virus (A/X-	1
175771 Heteractis crispa	1
8644 Naja mossambica	1
3691 Populus nigra	1
214092 Yersinia pestis CO92	1
4072 Capsicum annum	1
52853 Silene latifolia subsp. e	1
243277 Vibrio cholerae O1 bio	1
4920 Pichia farinosa	1
66188 Micropechis ikaheka	1
12538 Mokola virus	1
10450 Orgyia pseudotsugata	1
5554 Trichosporon cutaneur	1
28896 Thermoanaerobacteriu	1
329852 Enterobacteria phage I	1
90736 Moritella marina	1
113192 Bothrops pirajai	1
34649 Mesobuthus martensii	1
471 Acinetobacter calcoace	1

Corrected

7244	<i>Drosophila virilis</i>	1
37734	<i>Enterococcus casseliflavus</i>	1
11636	Reticuloendotheliosis virus	1
672	<i>Vibrio vulnificus</i>	1
3837	<i>Dioclea grandiflora</i>	1
46170	<i>Staphylococcus aureus</i>	1
12022	Enterobacteriophage I	1
224914	<i>Brucella melitensis</i> 16M	1
56812	<i>Shewanella frigidimarina</i>	1
10304	Herpes simplex virus (1)	1
261594	<i>Bacillus anthracis</i> str. 'Ames'	1
5079	<i>Penicillium janthinellum</i>	1
13616	<i>Monodelphis domestica</i>	1
5741	<i>Giardia intestinalis</i>	1
81841	<i>Pseudomonas</i> sp. 130	1
29438	<i>Pseudomonas savastanoi</i>	1
347515	<i>Leishmania major</i> strain	1
6410	<i>Haementeria officinalis</i>	1
96471	<i>Bacillus</i> sp. YM55-1	1
32049	<i>Synechococcus</i> sp. PC	1
11047	Equine arteritis virus	1
7038	<i>Bemisia tabaci</i>	1
11217	Human parainfluenza virus	1
160268	<i>Clonostachys</i>	1
39803	Enterobacteriophage C	1
3619	<i>Rumex obtusifolius</i>	1
3902	<i>Ulex europaeus</i>	1
230105	<i>Methylophaga aminisui</i>	1
4641	<i>Musa acuminata</i>	1
63330	Hendra virus	1
12287	Flock house virus	1
269086	<i>Pseudomonas</i> sp. SY-1	1
5346	<i>Coprinopsis cinerea</i>	1
85232	<i>Morus nigra</i>	1
30608	<i>Microcebus murinus</i>	1
2021	<i>Thermobifida fusca</i>	1
33900	<i>Streptomyces murinus</i>	1
7141	<i>Choristoneura fumifera</i>	1
2327	<i>Methylophilus methylotrophicus</i>	1

Corrected

37114 Human papillomavirus	1
8649 Naja kaouthia	1
3693 Populus tremuloides	1
44822 Microcystis viridis	1
216371 Penicillium stoloniferum	1
52861 Tabernaemontana divaricata	1
1270 Micrococcus luteus	1
243365 Chromobacterium violaceum	1
66431 Streptomyces thioluteus	1
12541 Nudaurelia capensis orientalis	1
10497 African swine fever virus	1
78245 Xanthobacter autotrophicus	1
1582 Lactobacillus casei	1
10677 Enterobacteria phage lambda	1
329853 Enterobacteria phage lambda	1
90973 Bacillus sp. TA2.A1	1
6715 Astacus astacus	1
113636 Populus tremula	1
34839 Chinchilla lanigera	1
472 Acinetobacter sp.	1
11122 Avian infectious bronchitis virus	1
7370 Musca domestica	1
148603 Mycobacterium phage phi	1
2788 Porphyra yezoensis	1
37762 Escherichia coli B	1
674 Vibrio mimicus	1
46245 Drosophila pseudoobscura	1
9798 Equus przewalskii	1
4265 Cynara cardunculus	1
58217 Loxosceles laeta	1
10308 Herpes simplex virus (type 1)	1
1434 Bacillus thuringiensis serovar delta	1
13686 Solenopsis invicta	1
290338 Citrobacter koseri ATCC 35061	1
5755 Acanthamoeba castellanii	1
82300 Adeno-associated virus 2	1
29459 Brucella melitensis	1
6419 Hirudinaria manillensis	1
1921 Streptomyces olivaceus	1

Corrected

322	<i>Pseudomonas syringae</i>	1
536	<i>Chromobacterium violaceum</i>	1
7801	<i>Ginglymostoma cirratum</i>	1
160490	<i>Streptococcus pyogenes</i>	1
3627	<i>Actinidia deliciosa</i>	1
11788	Abelson murine leukemia virus	1
204723	<i>Peniophora</i> sp. SG	1
49577	<i>Costus speciosus</i>	1
230624	<i>Trametes ochracea</i>	1
4670	<i>Galanthus nivalis</i>	1
269145	<i>Sulfolobus turreted ic</i>	1
5353	<i>Lentinula edodes</i>	1
74567	<i>Flavobacterium</i> sp. AT	1
309800	<i>Haloferax volcanii</i> DS2	1
228	<i>Pseudoalteromonas haloplaxii</i>	1
10829	Squash leaf curl virus	1
360398	<i>Staphylococcus phage</i>	1
103904	Coxsackievirus B3 (str. B3)	1
33903	<i>Streptomyces avermitilis</i>	1
134821	<i>Ureaplasma parvum</i>	1
37122	Human papillomavirus	1
584	<i>Proteus mirabilis</i>	1
11351	\N	1
45151	<i>Pyrenophora tritici-repentis</i>	1
907	<i>Megasphaera elsdenii</i>	1
52969	<i>Ascophyllum nodosum</i>	1
4931	<i>Saccharomyces bayanus</i>	1
66690	\N	1
12558	<i>Sesbania mosaic virus</i>	1
272944	<i>Rickettsia conorii</i> str. M	1
78447	<i>Corallina pilulifera</i>	1
1583	<i>Weissella confusa</i>	1
91201	<i>Gastrodia elata</i>	1
1890	<i>Streptomyces antibioticus</i>	1
31744	Rice yellow mottle virus	1
380983	Influenza A virus (A/Leiden)	1
6728	<i>Procambarus clarkii</i>	1
115547	uncultured archaeon	1
35170	<i>Corallina officinalis</i>	1

Corrected

476	<i>Moraxella bovis</i>	1
11128	Bovine coronavirus	1
7389	<i>Hypoderma lineatum</i>	1
3054	<i>Chlamydomonas moev</i>	1
37919	<i>Rhodococcus opacus</i>	1
686	<i>Vibrio cholerae</i> O1 bio	1
196627	<i>Corynebacterium gluta</i>	1
58226	<i>Comamonas</i> sp. JS76	1
12222	Soybean mosaic virus	1
1445	<i>Bacillus alcalophilus</i>	1
1679	<i>Bifidobacterium longun</i>	1
29461	<i>Brucella suis</i>	1
84	<i>Hyphomicrobium meth</i>	1
10715	<i>Staphylococcus</i> phage	1
348780	<i>Natronomonas pharao</i>	1
97234	<i>Dryopteris crassirhizon</i>	1
1924	<i>Streptomyces purpurac</i>	1
32059	<i>Phormidium laminosun</i>	1
390157	Seneca valley virus	1
7070	<i>Tribolium castaneum</i>	1
126794	Vaccinia virus Ankara	1
35933	<i>Podophyllum peltatum</i>	1
161736	<i>Pseudomonas</i> phage p	1
3496	<i>Maclura pomifera</i>	1
178306	<i>Pyrobaculum aerophilu</i>	1
40979	Cocksfoot mottle virus	1
11791	AKR (endogenous) mu	1
9523	<i>Callicebus moloch</i>	1
3911	<i>Vicia villosa</i>	1
49817	<i>Erythrina crista-galli</i>	1
237561	<i>Candida albicans</i> SC5	1
4679	<i>Allium cepa</i>	1
63559	<i>Penicillium amagasaki</i>	1
269446	Rous sarcoma virus (si	1
75891	<i>Thermus</i> sp. IM6501	1
28344	Porcine reproductive a	1
10843	Enterobacteria phage (	1
2045	<i>Pimelobacter simplex</i>	1
33931	<i>Bacillus caldovelox</i>	1



Corrected

425529 Influenza A virus (A/Alt	1
37133 Tula virus	1
11484 Influenza A virus (A/wt	1
11670 Equine infectious anen	1
8665 Ophiophagus hannah	1
11888 Rous sarcoma virus - F	1
53412 Pseudomonas resinov	1
66695 Citrobacter intermedius	1
12618 Chicken anemia virus	1
1584 Lactobacillus delbruecl	1
10679 Enterobacteria phage I	1
31749 Obuda pepper virus	1
10927 Bovine rotavirus	1
381517 Influenza A virus (A/Uc	1
6772 Celuca pugilator	1
35304 Bunyamwera virus	1
7425 Nasonia vitripennis	1
154834 Panicum mosaic satelli	1
3501 Urtica dioica	1
40001 Cellulomonas sp.	1
713 Actinobacillus	1
46758 Lobophyllia hemprichii	1
12054 unidentified tobacco ne	1
70821 Desmodium yellow mo	1
1449 Amphibacillus xylanus	1
82835 \N	1
1680 Bifidobacterium adoles	1
29549 Rhodothermus marinus	1
349102 Rhodobacter sphaeroic	1
32060 Phormidium lapideum	1
329 Ralstonia pickettii	1
392809 Influenza A virus (A/Vic	1
129555 Amphitrite ornata	1
35936 Lablab purpureus	1
7957 Carassius auratus	1
3654 Citrullus lanatus	1
3914 Vigna angularis	1
49899 Thermococcus profunc	1
10092 Mus musculus domesti	1

Corrected

237895	Cryptosporidium homir	1
64091	Halobacterium sp. NR0	1
12303	Cowpea chlorotic mottl	1
271108	Bombyx mori NPV	1
76114	Aromatoleum aromatic	1
1511	Clostridium sticklandii	1
311400	Thermococcus kodaka	1
31234	Caenorhabditis reman	1
364106	Escherichia coli UT189	1
2093	Mycoplasma	1
33950	Thermoanaerobacteriu	1
11090	Yellow fever virus 17D	1
431947	Porphyromonas gingiv	1
140437	Streptomyces sp. R114	1
2337	Thermotoga neapolitar	1
587	Providencia rettgeri	1
648	Aeromonas punctata	1
9634	Helarctos malayanus	1
221204	Hieracium pilosella	1
1288	Staphylococcus xylosu	1
4934	Lachancea kluyveri	1
67723	Amanita phalloides	1
10519	Human adenovirus 7	1
79261	Streptomyces castane	1
1585	Lactobacillus delbruecl	1
10680	Enterobacteria phage I	1
6282	Onchocerca volvulus	1
92652	Shrimp white spot sync	1
10969	Rhesus rotavirus	1
117138	Brome streak virus (str	1
35345	Lactococcus phage TP	1
517417	Chlorobaculum parvum	1
7460	Apis mellifera	1
3088	Scenedesmus obliquus	1
38577	Bufo arenarum	1
40050	African horsesickness	1
9844	Lama glama	1
12230	Turnip mosaic virus	1
10324	Bovine herpesvirus typ	1

Corrected

264730	<i>Pseudomonas syringae</i>	1
5207	<i>Filobasidiella neoformans</i>	1
70863	<i>Shewanella oneidensis</i>	1
1467	<i>Bacillus lentus</i>	1
13818	<i>Adiantum capillus-venere</i>	1
293055	Influenza A virus (A/marietta/1/1968)	1
83131	<i>Cratylia argentea</i>	1
29760	<i>Vitis vinifera</i>	1
10726	Enterobacteria phage T4	1
6431	<i>Urechis caupo</i>	1
99565	Chiba virus	1
32536	<i>Acinonyx jubatus</i>	1
394503	<i>Clostridium cellulolyticum</i>	1
2277	<i>Pyrobaculum islandicum</i>	1
549	<i>Pantoea agglomerans</i>	1
11250	Human respiratory syncytial virus	1
7962	<i>Cyprinus carpio</i>	1
167644	<i>Llyobacter tartaricus</i>	1
182271	<i>Pterocarpus angolensis</i>	1
12088	Poliovirus type 3 (strain 100)	1
12305	Cucumber mosaic virus	1
76275	<i>Rhodococcus</i> sp. R312	1
1512	<i>Clostridium symbiosum</i>	1
315277	<i>Chlamydia trachomatis</i>	1
6118	<i>Entacmaea quadricolor</i>	1
86600	<i>Discosoma</i> sp.	1
1823	<i>Nocardia otitidiscaviarum</i>	1
31285	<i>Trypanosoma brucei gambiense</i>	1
367830	<i>Staphylococcus aureus</i>	1
6561	<i>Scapharca inaequivalvis</i>	1
105402	<i>Zoanthus</i> sp.	1
2094	<i>Mycoplasma arginini</i>	1
33953	<i>Clostridium aminobutylicum</i>	1
11091	\N	1
432528	<i>Grammostola rosea</i>	1
7168	<i>Anopheles dirus</i>	1
141716	<i>Monomastix</i> sp. OKE-1	1
2378	<i>Sporomusa ovata</i>	1
592	\N	1

Corrected

11531 Influenza B virus (STR	1
658 Photobacterium leiogn.	1
192168 Arthrobacter sp. C2-2	1
45596 Candida tenuis	1
921 Starkeya novella	1
222737 \N	1
4092 Nicotiana plumbaginifo	1
54571 Streptomyces venezue	1
4952 Yarrowia lipolytica	1
1411 Bacillus akibai	1
10683 Bacillus phage PBS1	1
6334 Trichinella spiralis	1
1897 Streptomyces carzinos	1
31768 Hepatitis E virus (strair	1
6853 Tachypleus tridentatus	1
117911 Shewanella sp. SIB1	1
35621 Streptomyces mobarae	1
7668 Strongylocentrotus pur	1
3120 Ulva pertusa	1
38868 Salvia officinalis	1
59511 Pseudomonas syringae	1
1334 Streptococcus dysgala	1
12242 Tobacco mosaic virus	1
264732 Moorella thermoacetica	1
298334 Simian adenovirus A	1
1717 Corynebacterium dipht	1
29910 Tolypocladium inflatum	1
10730 Enterobacteria phage 9	1
352525 Influenza A virus (A/du	1
99571 Dioclea guianensis	1
32603 Human herpesvirus 6A	1
11066 Dengue virus 2 Puerto	1
404579 Pseudomonas sp. PS-	1
11251 Human respiratory syn	1
7998 Ictalurus punctatus	1
167804 Dipsochelys dussumieri	1
8400 Rana catesbeiana	1
184922 Giardia lamblia ATCC 1	1
11863 Avian erythroblastosis	1

## Corrected

50472	Hordeum sp.	1
12092	Hepatitis A virus	1
242619	Porphyromonas gingiv.	1
4839	Rhizomucor miehei	1
64608	Agrocybe cylindracea	1
12315	Tomato aspermy virus	1
5499	Passalora fulva	1
76306	Mimosa pudica	1
10863	Enterobacteria phage f	1
34007	Paracoccus versutus	1
11099	Bovine viral diarrhea vi	1
142803	Rice dwarf virus (isolat	1
2465	Plasmid F	1
37487	Marichromatium purpu	1
659	Photobacterium phosp	1
192222	Campylobacter jejuni s	1
11960	Avian myeloblastosis-ε	1
12139	Southern bean mosaic	1
10259	Orf virus (strain NZ2)	1
257311	Bordetella parapertuss	1
5053	Aspergillus aculeatus	1
10529	Human adenovirus 31	1
273068	Thermoanaerobacter t	1
79679	Thermococcus sp. KS-	1
1589	Lactobacillus pentosus	1
29309	Streptomyces verticillu	1
337052	Bovine papillomavirus	1
6339	Heligmosomoides poly	1
92829	Xanthomonas axonopc	1
35670	Naja naja	1
491	Neisseria meningitidis	1
538123	Mammalian orthoreovii	1
3316	Thuja plicata	1
38945	Flammulina velutipes	1