

original

NCBI taxonomy identifier	Scientific_name	Number_of_interactions
4932	<i>Saccharomyces cerevisiae</i>	116015
9606	<i>Homo sapiens</i>	100234
7227	<i>Drosophila melanogaster</i>	45998
40674	<i>Mammalia</i>	35023
562	<i>Escherichia coli</i>	12091
197	<i>Campylobacter jejuni</i>	12025
4896	<i>Schizosaccharomyces pombe</i>	11856
10090	<i>Mus musculus</i>	11516
6239	<i>Caenorhabditis elegans</i>	11097
3702	<i>Arabidopsis thaliana</i>	5233
10116	<i>Rattus norvegicus</i>	4239
160	<i>Treponema pallidum</i>	3647
83333	<i>Escherichia coli K-12</i>	3504
1142	<i>Synechocystis</i>	3057
36329	<i>Plasmodium falciparum</i>	2758
83334	<i>Escherichia coli O157:H7</i>	2562
8	<i>IN</i>	1919
85962	<i>Helicobacter pylori 26695</i>	1599
210	<i>Helicobacter pylori</i>	1572
11676	<i>Human immunodeficiency virus 1</i>	1326
9913	<i>Bos taurus</i>	961
32630	<i>synthetic construct</i>	560
4530	<i>Oryza sativa</i>	501
0	<i>IN</i>	471
1148	<i>Synechocystis sp. PCC 6803</i>	453
246197	<i>Myxococcus xanthus Dk</i>	377
9031	<i>Gallus gallus</i>	313
8355	<i>Xenopus laevis</i>	313
10376	<i>Human herpesvirus 4</i>	304
217992	<i>Escherichia coli O6</i>	296
272951	<i>Rickettsia sibirica 246</i>	284
333284	<i>Hepatitis C virus (isolate H77C)</i>	282
274	<i>Thermus thermophilus</i>	228
39947	<i>Oryza sativa Japonica Group</i>	223
1423	<i>Bacillus subtilis</i>	212
10335	<i>Human herpesvirus 3</i>	174
9986	<i>Oryctolagus cuniculus</i>	173
9823	<i>Sus scrofa</i>	163

original

623 <i>Shigella flexneri</i>	159
170187 <i>Streptococcus pneumon</i>	155
-2 W	146
10377 <i>Human herpesvirus 4 (s</i>	141
2336 <i>Thermotoga maritima</i>	132
53953 <i>Pyrococcus horikoshii</i>	125
333760 <i>Human papillomavirus tj</i>	124
11103 <i>Hepatitis C virus</i>	121
602 W	119
1773 <i>Mycobacterium tubercul</i>	115
37296 <i>Human herpesvirus 8</i>	115
10299 <i>Herpes simplex virus (ty</i>	113
287 <i>Pseudomonas aerugino</i>	104
44689 <i>Dictyostelium discoideur</i>	100
10254 <i>Vaccinia virus WR</i>	93
10633 <i>Simian virus 40</i>	92
4102 <i>Petunia x hybrida</i>	89
10070 <i>Akodon aerosus</i>	89
146786 <i>Thermosynechococcus (</i>	86
3888 <i>Pisum sativum</i>	84
28285 <i>Human adenovirus 5</i>	79
3562 <i>Spinacia oleracea</i>	78
1422 <i>Geobacillus stearotherm</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 sphaeroid</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 reinha</i>	53
2261 <i>Pyrococcus furiosus</i>	51
190486 <i>Xanthomonas axonopoc</i>	51
11320 <i>Influenza A virus</i>	50
333761 <i>Human papillomavirus tj</i>	48
4113 <i>Solanum tuberosum</i>	46
4081 <i>Solanum lycopersicum</i>	46

original

2287 <i>Sulfolobus solfataricus</i>	46
4577 <i>Zea mays</i>	44
284812 <i>Schizosaccharomyces p</i>	44
32046 <i>Synechococcus elongati</i>	44
2190 <i>Methanocaldococcus jar</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 <i>Human T-lymphotropic v</i>	40
4097 <i>Nicotiana tabacum</i>	40
10580 <i>Human papillomavirus ty</i>	39
10407 <i>Hepatitis B virus</i>	39
358 <i>Agrobacterium tumefaci</i>	38
2238 <i>Haloarcula marismortui</i>	38
10559 <i>Bovine papillomavirus ty</i>	38
10760 <i>Enterobacteria phage T<sub>4</sub></i>	38
5833 <i>Plasmodium falciparum</i>	37
4513 <i>Hordeum vulgare</i>	37
145262 <i>Methanothermobacter th</i>	34
187420 <i>Methanothermobacter th</i>	34
63363 <i>Aquifex aeolicus</i>	34
243274 <i>Thermotoga maritima M</i>	33
1895 <i>Streptomyces avidinii</i>	32
10298 <i>Human herpesvirus 1</i>	32
1390 <i>Bacillus amyloliquefacie</i>	32
10665 <i>Enterobacteria phage T<sub>4</sub></i>	32
31647 <i>Hepatitis C virus subtyp</i>	31
666 <i>Vibrio cholerae</i>	31
9534 <i>Chlorocebus aethiops</i>	31
9103 <i>Meleagris gallopavo</i>	30
1140 <i>Synechococcus elongati</i>	29
10515 <i>Human adenovirus 2</i>	29
-1 W	29
1392 <i>Bacillus anthracis</i>	29
573 <i>Klebsiella pneumoniae</i>	28
10249 <i>Vaccinia virus Copenha</i>	27
176299 <i>Agrobacterium tumefaci</i>	26
1313 <i>Streptococcus pneumon</i>	26

original

208964 <i>Pseudomonas aeruginosa</i>	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
10029 <i>Cricetulus griseus</i>	22
155892 <i>Caulobacter vibrioides</i>	22
300852 <i>Thermus thermophilus</i> f. <i>thermophilus</i>	21
83332 <i>Mycobacterium tuberculosis</i> H37Rv	21
5116 <i>Cryphonectria parasitica</i>	21
10710 Enterobacteria phage lambda	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 IN	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> O	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 <i>Human papillomavirus ty</i>	16
7787 <i>Torpedo californica</i>	15
11679 <i>Human immunodeficien</i>	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 sub</i>	14
12721 <i>Human immunodeficien</i>	14
1502 <i>Clostridium perfringens</i>	14
3858 <i>Lathyrus ochrus</i>	14
1393 <i>Brevibacillus brevis</i>	14
360110 <i>Campylobacter jejuni su</i>	14
283166 <i>Bartonella henselae str.</i>	14
8616 <i>Bungarus multicinctus</i>	14
12215 <i>Potato virus A</i>	13
1079 <i>Blastochloris viridis</i>	13
13773 <i>Pyrobaculum aerophilun</i>	13
11234 <i>Measles virus</i>	13
1085 <i>Rhodospirillum rubrum</i>	13
10585 <i>Human papillomavirus ty</i>	13
32644 <i>unidentified</i>	13
3847 <i>Glycine max</i>	13
211044 <i>Influenza A virus (A/Pue</i>	13
31531 <i>Vaccinia virus L-IPV</i>	13
197221 <i>Thermosynechococcus (</i>	13
10036 <i>Mesocricetus auratus</i>	13
12130 <i>Human rhinovirus 2</i>	13
186497 <i>Pyrococcus furiosus DS</i>	13
11276 <i>Vesicular stomatitis virus</i>	13
3823 <i>Canavalia ensiformis</i>	12
11709 <i>Human immunodeficien</i>	12
31199 <i>Argopecten irradians</i>	12
11723 <i>Simian immunodeficien</i>	12
11623 <i>Lymphocytic choriomeni</i>	12
11084 <i>Tick-borne encephalitis (</i>	12

original

10754 <i>Enterobacteria phage P</i>	12
11060 <i>Dengue virus 2</i>	12
294 <i>Pseudomonas fluoresce</i>	12
1396 <i>Bacillus cereus</i>	12
1515 <i>Clostridium thermocellu</i>	12
414 <i>Methylococcus capsulat</i>	11
10678 <i>Enterobacteria phage P</i>	11
511 <i>Alcaligenes faecalis</i>	11
11105 <i>Hepatitis C virus (isolate</i>	11
3489 <i>Artocarpus heterophyllu</i>	11
5811 <i>Toxoplasma gondii</i>	11
1639 <i>Listeria monocytogenes</i>	11
10141 <i>Cavia porcellus</i>	11
139 <i>Borrelia burgdorferi</i>	11
1916 <i>Streptomyces lividans</i>	11
633 <i>Yersinia pseudotubercul</i>	11
7757 <i>Petromyzon marinus</i>	11
32053 <i>Thermosynechococcus</i>	10
601 W	10
10581 W	10
11108 <i>Hepatitis C virus (isolate</i>	10
1833 <i>Rhodococcus erythropo</i>	10
11475 W	10
224308 <i>Bacillus subtilis subsp. s</i>	10
12075 <i>Swine vesicular disease</i>	10
1168 <i>Nostoc sp. PCC 7119</i>	10
243233 <i>Methylococcus capsulat</i>	10
323 <i>Pseudomonas syringae</i>	10
12081 <i>Human poliovirus 1 Mah</i>	10
-3 W	10
11191 <i>Sendai virus</i>	9
844 <i>Wolinella succinogenes</i>	9
2208 <i>Methanosarcina barkeri</i>	9
5664 <i>Leishmania major</i>	9
190386 <i>Agrobacterium tumefaci</i>	9
1427 <i>Bacillus thermoproteolyt</i>	9
1901 <i>Streptomyces clavuliger</i>	9
11685 <i>HIV-1 M:B_ARV2/SF2</i>	9
12637 <i>Dengue virus</i>	9

original

10583	<i>Human papillomavirus tj</i>	9
10635	<i>Mouse polyomavirus (st</i>	9
7091	<i>Bombyx mori</i>	9
10359	<i>Human herpesvirus 5</i>	9
6621	<i>Loligo pealei</i>	9
5702	<i>Trypanosoma brucei bru</i>	9
224325	<i>Archaeoglobus fulgidus</i>	9
10360	<i>Human herpesvirus 5 st</i>	9
7224	<i>Drosophila hydei</i>	9
73239	<i>Plasmodium yoelii yoelii</i>	9
4558	<i>Sorghum bicolor</i>	8
6398	<i>Lumbricus terrestris</i>	8
510	IN	8
2320	<i>Methanopyrus kandleri</i>	8
3885	<i>Phaseolus vulgaris</i>	8
10579	<i>Human papillomavirus tj</i>	8
1260	<i>Fingoldia magna</i>	8
6500	<i>Aplysia californica</i>	8
11678	<i>Human immunodeficien</i>	8
12088	<i>Poliovirus type 3 (strains</i>	8
10891	<i>Reovirus sp.</i>	8
97228	<i>Daboia russellii pulchell</i>	8
8656	<i>Naja atra</i>	8
10847	<i>Enterobacteria phage pt</i>	8
317	<i>Pseudomonas syringae</i>	8
10684	<i>Bacillus phage PBS2</i>	8
3649	<i>Carica papaya</i>	8
238	<i>Elizabethkingia meningc</i>	8
4100	<i>Nicotiana benthamiana</i>	8
11901	<i>Bovine leukemia virus</i>	7
1352	<i>Enterococcus faecium</i>	7
10804	<i>Adeno-associated virus</i>	7
36409	<i>Rinderpest virus (strain i</i>	7
5911	<i>Tetrahymena thermophi</i>	7
3457	<i>Dioscoreophyllum cumn</i>	7
11599	<i>Hantaan virus</i>	7
103690	<i>Nostoc sp. PCC 7120</i>	7
7788	<i>Torpedo marmorata</i>	7
132504	<i>Influenza A virus (A/X-3</i>	7

original

227321	<i>Aspergillus nidulans</i> FG.	7
1402	<i>Bacillus licheniformis</i>	7
7067	<i>Tenebrio molitor</i>	7
7153	<i>Chironomus tentans</i>	7
12069	Human coxsackievirus A	7
1404	<i>Bacillus megaterium</i>	7
669	<i>Vibrio harveyi</i>	7
4084	<i>Solanum pimpinellifolium</i>	7
285	<i>Comamonas testosteroni</i>	7
881	<i>Desulfovibrio vulgaris</i>	7
69	<i>Lysobacter enzymogenes</i>	7
10756	<i>Bacillus phage phi29</i>	7
45659	Human adenovirus 3	7
9825	<i>Sus scrofa domestica</i>	7
8846	<i>Anser indicus</i>	7
3544	<i>Mesembryanthemum crystallinum</i>	7
158	<i>Treponema denticola</i>	7
12208	Pea seed-borne mosaic	7
5558	IN	7
585	<i>Proteus vulgaris</i>	7
8618	<i>Dendroaspis angusticeps</i>	7
296	<i>Pseudomonas fragi</i>	7
11801	Moloney murine leukemia	7
111955	<i>Sulfolobus tokodaii</i>	6
44130	Human rhinovirus 3	6
226185	<i>Enterococcus faecalis</i> V	6
5656	<i>Crithidia fasciculata</i>	6
10884	Mammalian orthoreovirus	6
8724	<i>Bothrops jararaca</i>	6
3988	<i>Ricinus communis</i>	6
12084	Poliovirus type 2 (strain)	6
550	<i>Enterobacter cloacae</i>	6
46633	Human echovirus 1	6
12064	Bovine enterovirus	6
1525	<i>Moorella thermoacetica</i>	6
10527	Human adenovirus 9	6
5791	<i>Physarum polycephalum</i>	6
6253	<i>Ascaris suum</i>	6
876	<i>Desulfovibrio desulfuricans</i>	6

original

47421 <i>Hydrogenophaga pseud</i>	6
12067 <i>Human coxsackievirus A</i>	6
162425 <i>Emericella nidulans</i>	6
730 <i>Haemophilus ducreyi</i>	6
1752 <i>Propionibacterium freud</i>	6
879 <i>Desulfovibrio gigas</i>	6
8839 <i>Anas platyrhynchos</i>	6
41529 <i>Salmonella enterica sub</i>	6
1167 <i>Anabaena sp.</i>	6
2166 <i>IN</i>	6
3708 <i>Brassica napus</i>	6
2285 <i>Sulfolobus acidocaldaru</i>	6
421877 <i>Hepatitis C virus isolate</i>	6
1049 <i>Allochromatium vinosum</i>	6
42897 <i>Shigella flexneri 2a</i>	6
12078 <i>Human echovirus 11</i>	6
10658 <i>Enterobacteria phage P1</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 sp.</i>	6
83374 <i>Galdieria partita</i>	6
487 <i>Neisseria meningitidis</i>	6
5855 <i>Plasmodium vivax</i>	6
408 <i>Methylobacterium extor</i>	6
2026 <i>Thermoactinomyces vulg</i>	6
11673 <i>Feline immunodeficiency</i>	5
5482 <i>Candida tropicalis</i>	5
11033 <i>Semliki forest virus</i>	5
112509 <i>Hordeum vulgare subsp.</i>	5
5061 <i>Aspergillus niger</i>	5
10624 <i>Polyomavirus</i>	5
6707 <i>Homarus gammarus</i>	5
847 <i>Oxalobacter formigenes</i>	5
195058 <i>Naja sagittifera</i>	5
272943 <i>Rhodobacter sphaeroides</i>	5
216593 <i>IN</i>	5
12134 <i>Human rhinovirus 1A</i>	5

original

28901	<i>Salmonella enterica</i>	5
1076	<i>Rhodopseudomonas pa</i>	5
5062	<i>Aspergillus oryzae</i>	5
59405	<i>Thauera aromatica</i>	5
5665	<i>Leishmania mexicana</i>	5
10626	<i>Hamster polyomavirus</i>	5
1143	<i>Synechocystis sp.</i>	5
31159	<i>Daboia russellii russellii</i>	5
6523	<i>Lymnaea stagnalis</i>	5
554	<i>Pectobacterium carotov</i>	5
148305	<i>Magnaporthe grisea</i>	5
2265	<i>Thermococcus litoralis</i>	5
17	<i>Methylophilus methylotr</i>	5
1831	<i>Rhodococcus sp.</i>	5
11610	<i>Seoul virus SR11</i>	5
1720	<i>Corynebacterium sp.</i>	5
878	<i>Desulfovibrio fructosovo</i>	5
11113	<i>Hepatitis C virus isolate</i>	5
8766	W	5
1282	<i>Staphylococcus epiderr</i>	5
115711	<i>Chlamydomytila pneumoi</i>	5
622	<i>Shigella dysenteriae</i>	5
1156	W	5
86665	<i>Bacillus halodurans</i>	5
29292	<i>Pyrococcus abyssi</i>	5
47881	<i>Pseudomonas pavonace</i>	5
1501	<i>Clostridium pasteurianu</i>	5
10384	<i>Herpesvirus saimiri (stra</i>	5
103944	<i>Protothrops mucrosqu</i>	5
55676	<i>Oligobranchia mashikoi</i>	5
571	<i>Klebsiella oxytoca</i>	5
360108	<i>Campylobacter jejuni su</i>	5
129875	<i>Human adenovirus A</i>	5
211586	<i>Shewanella oneidensis l</i>	5
1866	<i>Actinoplanes missourier</i>	5
8022	<i>Oncorhynchus mykiss</i>	5
3661	<i>Cucurbita maxima</i>	5
235	<i>Brucella abortus</i>	5
11698	<i>Human immunodeficien</i>	5

original

10243	<i>Cowpox virus</i>	5
5722	<i>Trichomonas vaginalis</i>	5
293	<i>Brevundimonas diminuta</i>	5
11489	W	5
12126	<i>Theiler's encephalomyelitis virus</i>	5
8030	<i>Salmo salar</i>	5
1050	<i>Thermochromatium tepidum</i>	5
69488	<i>Penicillium simplicissimum</i>	5
1306	<i>Streptococcus sp.</i>	5
7111	<i>Trichoplusia ni</i>	5
1772	<i>Mycobacterium smegmatis</i>	5
10879	<i>Pseudomonas phage phiX174</i>	5
644	<i>Aeromonas hydrophila</i>	5
905	<i>Acidaminococcus fermentans</i>	5
4843	<i>Rhizopus microsporus var. nigellus</i>	4
290579	HIV-1 M:B_Lai	4
31646	<i>Hepatitis C virus subtype 1a</i>	4
546	<i>Citrobacter freundii</i>	4
8090	<i>Oryzias latipes</i>	4
144556	W	4
3677	<i>Trichosanthes kirilowii</i>	4
46015	<i>Autographa californica nuclear polyhedrosis virus</i>	4
30591	<i>Aotus azarai</i>	4
11855	<i>Mason-Pfizer monkey virus</i>	4
1309	<i>Streptococcus mutans</i>	4
1894	<i>Streptomyces aureofaciens</i>	4
1074	<i>Rhodoblastus acidophilus</i>	4
226186	<i>Bacteroides thetaiotaomicron</i>	4
9544	<i>Macaca mulatta</i>	4
73841	<i>Vipera ammodytes meriana</i>	4
915	<i>Nitrosomonas europaea</i>	4
1311	<i>Streptococcus agalactiae</i>	4
4905	<i>Pichia angusta</i>	4
1590	<i>Lactobacillus plantarum</i>	4
2209	<i>Methanosarcina mazei</i>	4
2787	<i>Porphyra purpurea</i>	4
226900	<i>Bacillus cereus ATCC 14579</i>	4
12227	<i>Tobacco etch virus</i>	4
2262	<i>Pyrococcus woesei</i>	4

original

203119	<i>Clostridium thermocellu</i>	4
381666	<i>Ralstonia eutropha H16</i>	4
2334	<i>Bacillus sp. PS3</i>	4
8730	<i>Crotalus atrox</i>	4
1312	IN	4
1591	<i>Lactobacillus sp.</i>	4
12591	IN	4
79257	<i>Rhodomonas sp. CS24</i>	4
28985	<i>Kluyveromyces lactis</i>	4
275	<i>Thermus sp.</i>	4
11720	Human immunodeficien	4
5507	<i>Fusarium oxysporum</i>	4
2214	<i>Methanosarcina acetivo</i>	4
10381	<i>Saimiriine herpesvirus 2</i>	4
11082	West Nile virus	4
65404	<i>Polysiphonia urceolata</i>	4
6426	<i>Riftia pachyptila</i>	4
3906	<i>Vicia faba</i>	4
6108	<i>Anemonia sulcata</i>	4
12243	Tobacco mosaic virus (v	4
10849	<i>Enterobacteria phage al</i>	4
8692	<i>Bitis arietans</i>	4
1836	<i>Saccharopolyspora erytl</i>	4
1320	<i>Streptococcus sp. 'grou</i>	4
8364	<i>Xenopus (Silurana) tropi</i>	4
9601	<i>Pongo abelii</i>	4
12072	Human coxsackievirus E	4
6848	<i>Carcinoscorpius rotundi</i>	4
1582	<i>Lactobacillus casei</i>	4
88087	<i>Trimeresurus flavoviridis</i>	4
1665	<i>Arthrobacter globiformis</i>	4
2242	<i>Halobacterium salinarun</i>	4
1098	<i>Prosthecochloris vibriofc</i>	4
11696	HIV-1 M:B_MN	4
33067	<i>Pseudomonas sp. 101</i>	4
12124	Theiler's encephalomyel	4
3916	<i>Vigna radiata var. radiat</i>	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 carboxidovc</i>	4
1409	<i>Bacillus sp.</i>	4
542	<i>Zymomonas mobilis</i>	4
10991	<i>Rice dwarf virus</i>	4
3329	<i>Picea abies</i>	4
818	<i>Bacteroides thetaiotaom</i>	4
10872	<i>Pseudomonas phage Pf</i>	4
3673	<i>Momordica charantia</i>	4
13037	<i>Danaus plexippus</i>	4
11706	<i>HIV-1 M:B_HXB2R</i>	4
10506	<i>Paramecium bursaria Cl</i>	4
272562	<i>Clostridium acetobutylicu</i>	4
6945	<i>Ixodes scapularis</i>	4
3879	<i>Medicago sativa</i>	4
1307	<i>Streptococcus suis</i>	3
1421	<i>Lysinibacillus sphaericus</i>	3
10315	<i>Human herpesvirus 2 st</i>	3
1587	<i>Lactobacillus helveticus</i>	3
5861	<i>Plasmodium yoelii</i>	3
340	<i>Xanthomonas campestris</i>	3
263374	<i>Bordetella phage BMP-1</i>	3
10623	<i>Cottontail rabbit papillon</i>	3
9541	<i>Macaca fascicularis</i>	3
9874	<i>Odocoileus virginianus</i>	3
173	<i>Leptospira interrogans</i>	3
10712	<i>Phage 434</i>	3
2775	<i>Gracilaria chilensis</i>	3
8167	<i>Perca flavescens</i>	3
37554	<i>Enterobacteria phage H</i>	3
1354	<i>Enterococcus hirae</i>	3
1488	<i>Clostridium acetobutylicu</i>	3
426	<i>Methylosinus trichospori</i>	3
3818	<i>Arachis hypogaea</i>	3
9685	<i>Felis catus</i>	3
48465	<i>Prostheco bacter de jong</i>	3
237561	<i>Candida albicans SC53</i>	3

original

7004	<i>Locusta migratoria</i>	3
102746	<i>Hieracium piloselloides</i>	3
2327	<i>Methylophilus methylotru</i>	3
36436	<i>Simian rotavirus A/SA11</i>	3
10326	<i>Equid herpesvirus 1</i>	3
5945	IN	3
11034	<i>Sindbis virus</i>	3
1717	<i>Corynebacterium diphth</i>	3
82367	<i>Paracoccus pantotrophu</i>	3
121791	<i>Nipah virus</i>	3
35730	<i>Trematomus newnesi</i>	3
873	<i>Desulfovibrio africanus</i>	3
6419	<i>Hirudinaria manillensis</i>	3
2104	<i>Mycoplasma pneumonia</i>	3
9925	<i>Capra hircus</i>	3
253435	<i>SARS coronavirus PUM</i>	3
2210	<i>Methanosarcina thermo</i>	3
8212	IN	3
1494	<i>Clostridium cochlearium</i>	3
13689	<i>Sphingomonas paucimo</i>	3
10632	<i>JC polyomavirus</i>	3
345076	<i>Vibrio cholerae V52</i>	3
10843	<i>Enterobacteria phage G</i>	3
10279	<i>Molluscum contagiosum</i>	3
316	<i>Pseudomonas stutzeri</i>	3
103782	<i>Pariacato virus</i>	3
8732	<i>Crotalus durissus terrific</i>	3
40690	<i>Trematomus bernacchii</i>	3
1593	<i>Lactobacillus sp. 30A</i>	3
10582	IN	3
6100	<i>Aequorea victoria</i>	3
31767	<i>Hepatitis E virus (strain</i>	3
11216	<i>Human parainfluenza vi</i>	3
8237	<i>Thunnus thynnus</i>	3
1083	<i>Phaeospirillum molischii</i>	3
4076	<i>Datura stramonium</i>	3
5076	<i>Penicillium chrysogenun</i>	3
3490	<i>Artocarpus integer</i>	3
35816	<i>Pelobacter acidigallici</i>	3

original

9597 <i>Pan paniscus</i>	3
34 <i>Myxococcus xanthus</i>	3
10530 <i>Murine adenovirus 1</i>	3
2111 <i>Mycoplasma arthritidis</i>	3
518 <i>Bordetella bronchiseptica</i>	3
10923 <i>Simian rotavirus A/SA11</i>	3
133899 <i>IN</i>	3
12145 <i>Tomato bushy stunt virus</i>	3
10333 <i>Equine herpesvirus type</i>	3
257313 <i>Bordetella pertussis Toh</i>	3
92520 <i>IN</i>	3
71421 <i>Haemophilus influenzae</i>	3
35889 <i>Nicotiana glutinosa</i>	3
243230 <i>Deinococcus radiodurans</i>	3
5821 <i>Plasmodium berghei</i>	3
68728 <i>Chrysocyon brachyurus</i>	3
1905 <i>Streptomyces exfoliatus</i>	3
11241 <i>Rinderpest virus</i>	3
1097 <i>Chlorobaculum tepidum</i>	3
11689 <i>Human immunodeficiency virus</i>	3
4498 <i>Avena sativa</i>	3
12253 <i>Tomato mosaic virus</i>	3
15957 <i>Phleum pratense</i>	3
1406 <i>Paenibacillus polymyxa</i>	3
243232 <i>Methanocaldococcus jarnal</i>	3
12353 <i>Enterobacteria phage R17</i>	3
8843 <i>Anser anser</i>	3
42003 <i>Griffithsia monilis</i>	3
92694 <i>Rhodococcus sp. NCIM119</i>	3
11246 <i>Bovine respiratory syncytial virus</i>	3
10144 <i>Cavia cutleri</i>	3
12258 <i>Comovirus</i>	3
72579 <i>Bacillus sp. YM-1</i>	3
10864 <i>Enterobacteria phage fd</i>	3
11484 <i>Influenza A virus (A/wha/1/68)</i>	3
4682 <i>Allium sativum</i>	3
2180 <i>Methanothermobacter ferrireducens</i>	3
7102 <i>Heliothis virescens</i>	3
37137 <i>Simian rotavirus A/SA11</i>	3

original

11665 <i>Equine infectious anemi</i>	3
1667 <i>Arthrobacter sp.</i>	3
817 <i>Bacteroides fragilis</i>	3
11250 <i>Human respiratory sync</i>	3
3711 <i>Brassica rapa</i>	3
1108 <i>Chloroflexus aurantiacus</i>	3
62977 <i>Acinetobacter sp. ADP1</i>	3
1765 <i>Mycobacterium bovis</i>	3
51453 <i>Hypocrea jecorina</i>	3
89020 <i>Mustelus griseus</i>	3
31553 <i>Papillomavirus sylvilagi</i>	3
2502 <i>Plasmid RK2</i>	3
11149 <i>Transmissible gastroent</i>	3
12161 <i>Beet yellows virus</i>	3
10366 <i>Murid herpesvirus 1</i>	3
93050 <i>Echis multisquamatus</i>	3
11268 <i>W</i>	3
1394 <i>Bacillus caldolyticus</i>	3
272558 <i>Bacillus halodurans C-1</i>	3
5724 <i>Tritrichomonas foetus</i>	3
1769 <i>Mycobacterium leprae</i>	3
6938 <i>Ornithodoros moubata</i>	3
100673 <i>Influenza C virus (C/Joh</i>	3
12475 <i>Hepatitis delta virus</i>	3
10566 <i>Human papillomavirus</i>	3
1887 <i>Streptomyces albogrise</i>	3
8053 <i>Gadus callarias</i>	3
1474 <i>Sporosarcina pasteurii</i>	3
10794 <i>Minute virus of mice</i>	3
2257 <i>Natronomonas pharaoni</i>	3
119072 <i>Thermoanaerobacter ter</i>	3
158879 <i>Staphylococcus aureus</i>	3
362651 <i>Human immunodeficien</i>	3
33708 <i>Murid herpesvirus 4</i>	3
1197 <i>Fremyella diplosiphon</i>	3
12131 <i>Human rhinovirus 14</i>	2
28875 <i>Rotavirus A</i>	2
12042 <i>Beet western yellows vir</i>	2
5059 <i>Aspergillus flavus</i>	2

original

11070	<i>Dengue virus 4</i>	2
119602	<i>Streptococcus dysgalactiae</i>	2
8631	<i>Laticauda semifasciata</i>	2
11707	<i>Human immunodeficiency virus 1</i>	2
194699	<i>Bordetella phage BPP-1</i>	2
9675	<i>Paguma larvata</i>	2
198803	<i>Bacillus sp. MN-32</i>	2
48386	<i>Perilla frutescens</i>	2
12082	<i>Human poliovirus 1 strain</i>	2
5270	<i>Ustilago maydis</i>	2
1520	<i>Clostridium beijerinckii</i>	2
130308	<i>Human adenovirus E</i>	2
171101	<i>Streptococcus pneumoniae</i>	2
40353	<i>Echis carinatus</i>	2
1245	<i>Leuconostoc mesentero</i>	2
244589	<i>Sulfolobus virus 1</i>	2
90371	<i>Salmonella enterica subsp. enterica</i>	2
3679	<i>Ecballium elaterium</i>	2
70698	<i>M28 virus</i>	2
1697	<i>Corynebacterium ammono</i>	2
6238	<i>Caenorhabditis briggsae</i>	2
1929	<i>Streptomyces rubiginosus</i>	2
11072	<i>Japanese encephalitis virus</i>	2
200597	<i>Sterkiella nova</i>	2
1398	<i>Bacillus coagulans</i>	2
5271	<i>Ustilago sphaerogena</i>	2
12288	<i>Nodamura virus</i>	2
5759	<i>Entamoeba histolytica</i>	2
305	<i>Ralstonia solanacearum</i>	2
11104	<i>Hepatitis C virus (isolate)</i>	2
350	<i>Zoogloea ramigera</i>	2
31708	<i>Human rhinovirus 16</i>	2
715	<i>Actinobacillus pleuropneumoniae</i>	2
11207	<i>Simian virus 5</i>	2
8175	<i>Sparus aurata</i>	2
4043	<i>Petroselinum crispum</i>	2
265874	<i>Ectromelia virus Moscow</i>	2
1931	<i>Streptomyces sp.</i>	2
10832	<i>Tomato yellow leaf curl virus</i>	2

original

3488 <i>Artocarpus</i>	2
10258 <i>Orf virus</i>	2
64574 <i>Radiomyces spectabilis</i>	2
12302 <i>Brome mosaic virus</i>	2
1829 <i>Rhodococcus rhodochrc</i>	2
512 <i>Alcaligenes sp.</i>	2
7010 <i>Schistocerca gregaria</i>	2
920 <i>Acidithiobacillus ferrooxi</i>	2
11604 <i>Puumala virus</i>	2
11868 <i>Avian myelocytomatosis</i>	2
11983 <i>Norwalk virus</i>	2
4906 <i>Williopsis saturnus</i>	2
12136 <i>Cricket paralysis virus</i>	2
67825 <i>Citrobacter rodentium</i>	2
192 <i>Azospirillum brasilense</i>	2
6087 <i>Hydra vulgaris</i>	2
7130 <i>Manduca sexta</i>	2
11208 <i>Simian virus 5 (strain W.</i>	2
12066 <i>Coxsackievirus</i>	2
5072 <i>W</i>	2
5689 <i>Leishmania tarentolae</i>	2
1718 <i>Corynebacterium glutarr</i>	2
1932 <i>Streptomyces tendae</i>	2
11077 <i>Kunjin virus</i>	2
122586 <i>Neisseria meningitidis M</i>	2
1147 <i>Synechocystis sp. PCC</i>	2
240269 <i>Paramecium bursaria Cl</i>	2
5306 <i>Phanerochaete chrysosq</i>	2
273057 <i>Sulfolobus solfataricus F</i>	2
5807 <i>Cryptosporidium parvurr</i>	2
387139 <i>Influenza A virus (A/Aict</i>	2
132961 <i>Bungarus caeruleus</i>	2
36773 <i>Burkholderia sp.</i>	2
176674 <i>Influenza A virus (A/Duc</i>	2
67831 <i>Rhipicephalus bursa</i>	2
10724 <i>Bacillus phage SPP1</i>	2
6526 <i>Biomphalaria glabrata</i>	2
91753 <i>Cucurbit aphid-borne ye</i>	2
196620 <i>Staphylococcus aureus .</i>	2

original

1360	<i>Lactococcus lactis</i> subsp	2
348776	<i>Mycobacterium tubercul</i>	2
6279	<i>Brugia malayi</i>	2
2271	<i>Thermoproteus tenax</i>	2
123217	<i>Anopheles cracens</i>	2
3840	<i>Vigna unguiculata</i> subsp	2
9793	<i>Equus asinus</i>	2
12107	<i>Mengo virus</i>	2
1553	<i>Clostridium tetanomorph</i>	2
28450	<i>Burkholderia pseudomali</i>	2
927	<i>Halothiobacillus neapolit</i>	2
11876	<i>Avian sarcoma virus</i>	2
223283	<i>Pseudomonas syringae</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>	2
79676	<i>Pseudomonas sp. CF60</i>	2
29170	<i>Ancylostoma caninum</i>	2
6550	<i>Mytilus edulis</i>	2
11053	<i>Dengue virus 1</i>	2
150147	IN	2
11686	<i>Human immunodeficiency</i>	2
47519	<i>Calystegia sepium</i>	2
227984	<i>SARS coronavirus Tor2</i>	2
1498	<i>Clostridium histolyticum</i>	2
280	<i>Xanthobacter autotrophus</i>	2
10634	<i>Murine polyomavirus</i>	2
83331	<i>Mycobacterium tubercul</i>	2
3843	<i>Erythrina corallodendron</i>	2
210007	<i>Streptococcus mutans L</i>	2
50339	<i>Thermoplasma volcanium</i>	2
65406	<i>Pseudomonas sp. 7A</i>	2
1580	<i>Lactobacillus brevis</i>	2
319	<i>Pseudomonas syringae</i>	2
180454	<i>Anopheles gambiae str.</i>	2
45441	<i>Enterobacteria phage L</i>	2
4931	<i>Saccharomyces bayanus</i>	2
55084	<i>Pandinus imperator</i>	2

original

12147 <i>Tomato bushy stunt viru</i>	2
258594 <i>Rhodopseudomonas pa</i>	2
1642 <i>Listeria innocua</i>	2
12643 <i>Ectromelia virus</i>	2
223 <i>Achromobacter cyclocla</i>	2
375 <i>Bradyrhizobium japonicu</i>	2
31902 <i>Dasyatis akajei</i>	2
7159 <i>Aedes aegypti</i>	2
155077 <i>Cellvibrio japonicus</i>	2
3704 <i>Armoracia rusticana</i>	2
5085 <i>Aspergillus fumigatus</i>	2
1956 <i>Streptomyces diastaticu</i>	2
2280 <i>Staphylothermus marinu</i>	2
11088 <i>Tick-borne encephalitis</i>	2
7668 <i>Strongylocentrotus purp</i>	2
8705 <i>Vipera ammodytes amm</i>	2
11741 <i>Visna/Maedi virus</i>	2
11879 <i>Avian sarcoma virus PR</i>	2
51336 <i>Cabbage leaf curl virus</i>	2
5341 <i>Agaricus bisporus</i>	2
10553 <i>Fowl adenovirus 1</i>	2
1848 <i>Pseudonocardia thermo</i>	2
28502 <i>Amaranthus hypochondi</i>	2
10685 <i>Bacillus phage SPO1</i>	2
416870 <i>Lactococcus lactis subsq</i>	2
6436 <i>Themiste dyscritum</i>	2
529 <i>Ochrobactrum anthropi</i>	2
670 <i>Vibrio parahaemolyticus</i>	2
11641 <i>Human foamy virus</i>	2
4087 <i>Nicotiana alata</i>	2
1324 <i>Streptococcus sp. G148</i>	2
224324 <i>Aquifex aeolicus VF5</i>	2
69000 <i>Bacillus sp. B-0618</i>	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
11063 <i>Dengue virus 2 Malaysia</i>	2
7165 <i>Anopheles gambiae</i>	2

original

9490	<i>Saguinus oedipus</i>	2
4511	<i>Eleusine coracana</i>	2
47914	<i>Brevibacterium fuscum</i>	2
228407	<i>SARS coronavirus BJ01</i>	2
10641	<i>Cauliflower mosaic virus</i>	2
480	<i>Moraxella catarrhalis</i>	2
11089	<i>Yellow fever virus</i>	2
7719	<i>Ciona intestinalis</i>	2
3505	<i>Betula pendula</i>	2
883	<i>Desulfovibrio vulgaris str.</i>	2
1301	<i>Streptococcus</i>	2
11885	<i>Fujinami sarcoma virus</i>	2
1408	<i>Bacillus pumilus</i>	2
12371	<i>Phage h30</i>	2
6437	<i>Themiste zostericola</i>	2
11138	<i>Murine hepatitis virus</i>	2
8844	<i>Anser anser anser</i>	2
12154	<i>Turnip yellow mosaic vir</i>	2
69014	<i>Thermococcus kodakare</i>	2
307796	<i>Saccharomyces cerevisi</i>	2
80863	<i>Populus tremula x Popu.</i>	2
32002	<i>Achromobacter denitrific</i>	2
11065	<i>Dengue virus 2 Thailand</i>	2
9521	<i>Saimiri sciureus</i>	2
198214	<i>Shigella flexneri 2a str. 3</i>	2
5138	W	2
272557	<i>Aeropyrum pernix K1</i>	2
129910	<i>Arthrospira maxima</i>	2
3527	<i>Phytolacca americana</i>	2
4754	<i>Pneumocystis carinii</i>	2
10560	<i>Bovine papillomavirus ty</i>	2
6442	<i>Phascolopsis gouldii</i>	2
7108	<i>Spodoptera frugiperda</i>	2
3663	<i>Cucurbita pepo</i>	2
1338	<i>Streptococcus intermedi</i>	2
12022	<i>Enterobacterio phage M</i>	2
224326	<i>Borrelia burgdorferi B31</i>	2
262338	<i>SARS coronavirus GD0:</i>	2
394	<i>Rhizobium sp. NGR234</i>	2

original

158878	<i>Staphylococcus aureus</i>	2
12080	<i>Human poliovirus 1</i>	2
6359	<i>Platynereis dumerilii</i>	2
30077	<i>Triatoma pallidipennis</i>	2
899	<i>Desulfomicrobium bacul</i>	2
11520	<i>Influenza B virus</i>	2
8717	<i>Calloselasma rhodoston</i>	2
10310	<i>Human herpesvirus 2</i>	2
5386	<i>Xerocomus chrysenteroi</i>	2
77133	<i>uncultured bacterium</i>	2
337	<i>Burkholderia glumae</i>	2
89476	IN	2
2188	<i>Methanococcus voltae</i>	2
10995	<i>Infectious bursal disease</i>	2
109171	<i>Pachyrhizus erosus</i>	2
2743	<i>Marinobacter hydrocarb</i>	2
11176	<i>Newcastle disease virus</i>	2
3981	<i>Hevea brasiliensis</i>	2
12023	<i>Pseudomonas phage Pf</i>	2
10614	<i>Human papillomavirus ty</i>	2
322710	<i>Azotobacter vinelandii D</i>	2
6192	<i>Fasciola hepatica</i>	2
81759	<i>Hyacinthoides hispanica</i>	2
6703	<i>Pandalus borealis</i>	2
1139	IN	2
194439	<i>Chlorobium tepidum TL</i>	2
198628	<i>Erwinia chrysanthemi st</i>	2
12285	<i>Black beetle virus</i>	2
9844	<i>Lama glama</i>	1
214092	<i>Yersinia pestis CO92</i>	1
52861	<i>Tabernaemontana divar</i>	1
243365	<i>Chromobacterium violac</i>	1
66690	IN	1
12538	<i>Mokola virus</i>	1
10571	<i>Bovine papillomavirus</i>	1
77763	<i>Banna virus</i>	1
1890	<i>Streptomyces antibioti</i>	1
10711	<i>Enterobacteria phage P</i>	1
511145	<i>Escherichia coli str. K-1</i>	1

original

6456	<i>Haliotis fulgens</i>	1
90370	<i>Salmonella enterica sub</i>	1
11008	<i>Saccharomyces cerevisi</i>	1
7116	<i>Pieris brassicae</i>	1
2771	<i>Cyanidium caldarium</i>	1
34413	<i>Humicola insolens</i>	1
686	<i>Vibrio cholerae O1 biova</i>	1
37501	<i>Maackia amurensis</i>	1
9030	<i>Gallus</i>	1
186538	<i>Zaire ebolavirus</i>	1
3983	<i>Manihot esculenta</i>	1
58217	<i>Loxosceles laeta</i>	1
1479	<i>Bacillus smithii</i>	1
10369	<i>Human herpesvirus 6 (s</i>	1
1680	<i>Bifidobacterium adolesc</i>	1
13249	<i>Rhodnius prolixus</i>	1
6206	<i>Taenia saginata</i>	1
81841	<i>Pseudomonas sp. 130</i>	1
1924	<i>Streptomyces purpurasc</i>	1
29388	<i>Staphylococcus capitis</i>	1
6706	<i>Homarus americanus</i>	1
93934	<i>Coturnix japonica</i>	1
2260	<i>Pyrococcus</i>	1
32049	<i>Synechococcus sp. PCC</i>	1
587	<i>Providencia rettgeri</i>	1
3352	<i>Pinus taeda</i>	1
35688	<i>Porphyridium purpureun</i>	1
11277	<i>Vesicular stomatitis Indi</i>	1
160268	<i>Clonostachys</i>	1
3816	<i>Abrus precatorius</i>	1
39152	<i>Methanococcus maripali</i>	1
1397	<i>Bacillus circulans</i>	1
230624	<i>Trametes ochracea</i>	1
63559	<i>Penicillium amagasaki</i>	1
12287	<i>Flock house virus</i>	1
272626	<i>Listeria innocua Clip112</i>	1
5755	<i>Acanthamoeba castellar</i>	1
73475	<i>Chicken anemia virus Ci</i>	1
28278	<i>Human adenovirus 19</i>	1

original

10677	<i>Enterobacteria phage M</i>	1
367830	<i>Staphylococcus aureus</i>	1
85232	<i>Morus nigra</i>	1
2045	<i>Pimelobacter simplex</i>	1
6956	<i>Dermatophagoides pter</i>	1
102203	<i>Favia fava</i>	1
33806	IN	1
648	<i>Aeromonas punctata</i>	1
7786	<i>Torpedo</i>	1
907	<i>Megasphaera elsdenii</i>	1
11531	<i>Influenza B virus (STRA</i>	1
216371	<i>Penicillium stoloniferum</i>	1
52969	<i>Ascophyllum nodosum</i>	1
10324	<i>Bovine herpesvirus type</i>	1
66691	IN	1
1589	<i>Lactobacillus pentosus</i>	1
12541	<i>Nudaurelia capensis om</i>	1
293055	<i>Influenza A virus (A/mal</i>	1
78245	<i>Xanthobacter autotrophi</i>	1
28896	<i>Thermoanaerobacterium</i>	1
346	<i>Xanthomonas citri</i>	1
542959	<i>BPP-1-like phages</i>	1
6494	<i>Conus textile</i>	1
549	<i>Pantoea agglomerans</i>	1
7119	<i>Antheraea pernyi</i>	1
34631	<i>Rhipicephalus appendic</i>	1
713	<i>Actinobacillus</i>	1
11195	<i>Sendai virus (strain Fusi</i>	1
44270	<i>Leishmania mexicana m</i>	1
46018	<i>Human echovirus 7</i>	1
12054	<i>unidentified tobacco nec</i>	1
10092	<i>Mus musculus domestic</i>	1
58226	<i>Comamonas sp. JS765</i>	1
12222	<i>Soybean mosaic virus</i>	1
10370	<i>Human herpesvirus 6 (s</i>	1
265872	<i>Cowpox virus (Brighton</i>	1
13616	<i>Monodelphis domestica</i>	1
273	IN	1
82300	<i>Adeno-associated virus</i>	1

original

29390	<i>Streptococcus gordonii</i>	1
10829	<i>Squash leaf curl virus</i>	1
95649	<i>Bothrops neuwiedi paulk</i>	1
592	IN	1
7237	<i>Drosophila pseudoobscur</i>	1
119856	<i>Francisella tularensis su</i>	1
35703	<i>Citrobacter amalonaticu</i>	1
11280	<i>Vesicular stomatitis New</i>	1
8644	<i>Naja mossambica</i>	1
160488	<i>Pseudomonas putida K1</i>	1
39300	<i>Ectatomma tuberculatur</i>	1
11708	<i>Human immunodeficien</i>	1
10255	<i>Variola virus</i>	1
64091	<i>Halobacterium sp. NRC-</i>	1
1521	<i>Clostridium cellulolyticur</i>	1
10519	<i>Human adenovirus 7</i>	1
1823	<i>Nocardia otitidiscaviarur</i>	1
381517	<i>Influenza A virus (A/Udc</i>	1
6410	<i>Haementeria officinalis</i>	1
85698	<i>Achromobacter xylosoxi</i>	1
2094	<i>Mycoplasma arginini</i>	1
30608	<i>Microcebus murinus</i>	1
10886	<i>Mammalian orthoreoviru</i>	1
33900	<i>Streptomyces murinus</i>	1
658	<i>Photobacterium leiognat</i>	1
130309	<i>Human adenovirus F</i>	1
3567	<i>Amaranthus caudatus</i>	1
8729	<i>Crotalus adamanteus</i>	1
175771	<i>Heteractis crispa</i>	1
40410	<i>Cryptococcus neoforma</i>	1
11863	<i>Avian erythroblastosis vi</i>	1
11914	IN	1
53412	<i>Pseudomonas resinovor</i>	1
5499	<i>Passalora fulva</i>	1
67723	<i>Amanita phalloides</i>	1
12558	<i>Sesbania mosaic virus</i>	1
188	<i>Magnetospirillum magne</i>	1
298334	<i>Simian adenovirus A</i>	1
78447	<i>Corallina pilulifera</i>	1

original

10714	<i>Corynephage omega</i>	1
90973	<i>Bacillus sp. TA2.A1</i>	1
7123	<i>Hyalophora cecropia</i>	1
113192	<i>Bothrops pirajai</i>	1
34649	<i>Mesobuthus martensii</i>	1
3690	<i>Populus x canadensis</i>	1
37632	<i>Amycolatopsis sp.</i>	1
9092	IN	1
4120	<i>Ipomoea batatas</i>	1
10095	<i>Mus sp.</i>	1
70821	<i>Desmodium yellow mott.</i>	1
13686	<i>Solenopsis invicta</i>	1
29438	<i>Pseudomonas savastan</i>	1
435	<i>Acetobacter aceti</i>	1
6715	<i>Astacus astacus</i>	1
96471	<i>Bacillus sp. YM55-1</i>	1
32059	<i>Phormidium laminosum</i>	1
11073	<i>Japanese encephalitis v</i>	1
7242	<i>Drosophila sp.</i>	1
8649	<i>Naja kaouthia</i>	1
160490	<i>Streptococcus pyogenes</i>	1
39443	<i>Carnation Italian ringspc</i>	1
9548	<i>Macaca radiata</i>	1
196118	<i>Methanocaldococcus</i>	1
9739	<i>Tursiops truncatus</i>	1
49577	<i>Costus speciosus</i>	1
1399	<i>Bacillus firmus</i>	1
237895	<i>Cryptosporidium hominis</i>	1
5286	<i>Rhodosporidium toruloic</i>	1
74567	<i>Flavobacterium sp. ATC</i>	1
10679	<i>Enterobacteria phage P:</i>	1
33903	<i>Streptomyces avermitilis</i>	1
659	<i>Photobacterium phosph</i>	1
3570	<i>Dianthus caryophyllus</i>	1
36659	<i>Volvariella volvacea</i>	1
3891	<i>Psophocarpus tetragonc</i>	1
1270	<i>Micrococcus luteus</i>	1
1426	<i>Geobacillus thermogluc</i>	1
10329	<i>Equine herpesvirus type</i>	1

original

5501	<i>Coccidioides immitis</i>	1
300269	<i>Shigella sonnei</i> Ss046	1
1897	<i>Streptomyces carzinostes</i>	1
10715	<i>Staphylococcus phage 4</i>	1
91201	<i>Gastrodia elata</i>	1
31744	<i>Rice yellow mottle virus</i>	1
11036	<i>Venezuelan equine encephalitis virus</i>	1
113636	<i>Populus tremula</i>	1
2788	<i>Porphyra yezoensis</i>	1
34839	<i>Chinchilla lanigera</i>	1
726	<i>Haemophilus haemolyticus</i>	1
3691	<i>Populus nigra</i>	1
37682	<i>Aegilops tauschii</i>	1
190485	<i>Xanthomonas campestris</i>	1
4072	<i>Capsicum annuum</i>	1
44822	<i>Microcystis viridis</i>	1
46758	<i>Lobophyllia hemprichii</i>	1
1359	<i>Lactococcus lactis subsp. lactis</i>	1
10114	<i>Rattus</i>	1
59511	<i>Pseudomonas syringae</i>	1
12230	<i>Turnip mosaic virus</i>	1
266835	<i>Mesorhizobium loti</i> MAF	1
70863	<i>Shewanella oneidensis</i>	1
82835	IN	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
7370	<i>Musca domestica</i>	1
35806	<i>Rhodovulum sulfidophilum</i>	1
161736	<i>Pseudomonas phage phi</i>	1
3837	<i>Dioclea grandiflora</i>	1
39682	<i>Viridovipera stejnegeri</i>	1
9556	<i>Papio cynocephalus</i>	1
196590	IN	1
9749	<i>Delphinapterus leucas</i>	1
204723	<i>Peniophora sp.</i> SG	1
4615	<i>Ananas comosus</i>	1
49817	<i>Erythrina crista-galli</i>	1

original

1400	<i>Bacillus intermedius</i>	1
12092	Hepatitis A virus	1
64608	<i>Agrocybe cylindracea</i>	1
1550	<i>Clostridium subterminale</i>	1
12303	Cowpea chlorotic mottle	1
10529	Human adenovirus 31	1
74577	<i>Streptomyces sp. UC53</i>	1
28344	Porcine reproductive and respiratory syndrome virus	1
10680	Enterobacteria phage P1	1
2108	<i>Mycoplasma sp.</i>	1
515	IN	1
10896	IN	1
7038	<i>Bemisia tabaci</i>	1
33931	<i>Bacillus caldovelox</i>	1
3619	<i>Rumex obtusifolius</i>	1
921	<i>Starkeya novella</i>	1
3902	<i>Ulex europaeus</i>	1
11873	Avian musculoaponeurotic fibrositis virus	1
11986	Carnation mottle virus	1
9939	<i>Ovis sp.</i>	1
221204	<i>Hieracium pilosella</i>	1
4920	<i>Pichia farinosa</i>	1
54571	<i>Streptomyces venezuelae</i>	1
12139	Southern bean mosaic virus	1
10331	Equid herpesvirus 4	1
257311	<i>Bordetella parapertussis</i>	1
12618	Chicken anemia virus	1
79261	<i>Streptomyces castaneoglobus</i>	1
29015	IN	1
11047	Equine arteritis virus	1
7141	<i>Choristoneura fumiferana</i>	1
115547	uncultured archaeon	1
3053	IN	1
34864	IN	1
148603	<i>Mycobacterium phage B</i>	1
3693	<i>Populus tremuloides</i>	1
37734	<i>Enterococcus casseliflavus</i>	1
9267	<i>Didelphis virginiana</i>	1
45151	<i>Pyrenophora tritici-reperdi</i>	1

original

4232 <i>Helianthus annuus</i>	1
59837 <i>Leiostomus xanthurus</i>	1
1496 <i>Clostridium difficile</i>	1
12242 <i>Tobacco mosaic virus</i>	1
269084 <i>Synechococcus elongatus</i>	1
71366 <i>Staphylococcus phage phi 80</i>	1
276 <i>Thermus filiformis</i>	1
83131 <i>Cratylia argentea</i>	1
1938 <i>Streptomyces viridochromae</i>	1
29461 <i>Brucella suis</i>	1
442 <i>Gluconobacter oxydans</i>	1
6728 <i>Procambarus clarkii</i>	1
97234 <i>Dryopteris crassirhizoma</i>	1
32536 <i>Acinonyx jubatus</i>	1
7389 <i>Hypoderma lineatum</i>	1
11467 <i>IN</i>	1
8665 <i>Ophiophagus hannah</i>	1
39946 <i>Oryza sativa Indica Group</i>	1
4641 <i>Musa acuminata</i>	1
49899 <i>Thermococcus profundus</i>	1
242619 <i>Porphyromonas gingivalis</i>	1
5319 <i>Irpex lacteus</i>	1
12305 <i>Cucumber mosaic virus</i>	1
273063 <i>Sulfolobus tokodaii str. 7</i>	1
76114 <i>Aromatoleum aromaticum</i>	1
10683 <i>Bacillus phage PBS1</i>	1
390157 <i>Seneca valley virus</i>	1
86600 <i>Discosoma sp.</i>	1
31234 <i>Caenorhabditis remanei</i>	1
103904 <i>Coxsackievirus B3 (strain 299)</i>	1
2337 <i>Thermotoga neapolitana</i>	1
33950 <i>Thermoanaerobacterium</i>	1
668 <i>Vibrio fischeri</i>	1
7957 <i>Carassius auratus</i>	1
3625 <i>Actinidia chinensis</i>	1
37114 <i>Human papillomavirus type 16</i>	1
178306 <i>Pyrobaculum aerophilum</i>	1
40979 <i>Cocksfoot mottle virus</i>	1
45332 <i>Prevotella phage phi AF</i>	1

original

11988	<i>Turnip crinkle virus</i>	1
68170	<i>Lechevalieria aerocoloni</i>	1
361	<i>Agrobacterium sp.</i>	1
10726	<i>Enterobacteria phage T2</i>	1
31768	<i>Hepatitis E virus (strain 1</i>	1
35170	<i>Corallina officinalis</i>	1
37762	<i>Escherichia coli B</i>	1
9347	<i>Eutheria</i>	1
190650	<i>Caulobacter crescentus</i>	1
196627	<i>Corynebacterium glutar</i>	1
4265	<i>Cynara cardunculus</i>	1
1388	<i>Alicyclobacillus acidocal</i>	1
5079	<i>Penicillium janthinellum</i>	1
61172	<i>Laguna Negra virus</i>	1
10383	<i>Herpesvirus saimiri (stra</i>	1
269145	<i>Sulfolobus turreted icos</i>	1
13818	<i>Adiantum capillus-vener</i>	1
348780	<i>Natronomonas pharaoni</i>	1
6282	<i>Onchocerca volvulus</i>	1
1950	<i>Streptomyces peucetius</i>	1
29549	<i>Rhodothermus marinus</i>	1
471	<i>Acinetobacter calcoacet</i>	1
6772	<i>Celuca pugilator</i>	1
2277	<i>Pyrobaculum islandicum</i>	1
7460	<i>Apis mellifera</i>	1
126794	<i>Vaccinia virus Ankara</i>	1
3496	<i>Maclura pomifera</i>	1
163106	W	1
11733	<i>Simian immunodeficienc</i>	1
11878	<i>Avian sarcoma virus CT</i>	1
4670	<i>Galanthus nivalis</i>	1
5322	<i>Pleurotus ostreatus</i>	1
12315	<i>Tomato aspermy virus</i>	1
68	<i>Lysobacter</i>	1
10533	<i>Human adenovirus 1</i>	1
273075	<i>Thermoplasma acidophi</i>	1
76275	<i>Rhodococcus sp. R312</i>	1
392809	<i>Influenza A virus (A/Vict</i>	1
6431	<i>Urechis caupo</i>	1

original

2130	<i>Ureaplasma urealyticum</i>	1
31285	<i>Trypanosoma brucei gai</i>	1
10924	IN	1
7070	<i>Tribolium castaneum</i>	1
103929	<i>Rabies virus strain Paste</i>	1
2378	<i>Sporomusa ovata</i>	1
33953	<i>Clostridium aminobutyric</i>	1
11122	<i>Avian infectious bronchi</i>	1
7962	<i>Cyprinus carpio</i>	1
134821	<i>Ureaplasma parvum</i>	1
37122	<i>Human papillomavirus tj</i>	1
940	<i>Hydrogenobacter thermu</i>	1
11636	<i>Reticuloendotheliosis vir</i>	1
3911	<i>Vicia villosa</i>	1
1288	<i>Staphylococcus xylosus</i>	1
12009	IN	1
1434	<i>Bacillus thuringiensis se</i>	1
5539	<i>Scytalidium lignicola</i>	1
301887	<i>Echinophyllia sp. SC22</i>	1
6118	<i>Entacmaea quadricolor</i>	1
79679	<i>Thermococcus sp. KS-1</i>	1
6561	<i>Scapharca inaequivalvis</i>	1
92652	<i>Shrimp white spot syndr</i>	1
563	<i>Escherichia blattae</i>	1
117138	<i>Brome streak virus (stra</i>	1
3088	<i>Scenedesmus obliquus</i>	1
35304	<i>Bunyamwera virus</i>	1
781	<i>Rickettsia conorii</i>	1
37919	<i>Rhodococcus opacus</i>	1
9430	<i>Desmodus rotundus</i>	1
192168	<i>Arthrobacter sp. C2-2</i>	1
196914	<i>Actinoplanes friuliensis</i>	1
228330	<i>SARS coronavirus Urba</i>	1
61861	<i>Canavalia brasiliensis</i>	1
269446	<i>Rous sarcoma virus (str</i>	1
5699	<i>Trypanosoma vivax</i>	1
72539	<i>Physalis mottle virus</i>	1
1760	<i>Actinobacteria (class)</i>	1
6334	<i>Trichinella spiralis</i>	1

original

29760	<i>Vitis vinifera</i>	1
476	<i>Moraxella bovis</i>	1
10863	<i>Enterobacteria phage f1</i>	1
99565	<i>Chiba virus</i>	1
129555	<i>Amphitrite ornata</i>	1
3501	<i>Urtica dioica</i>	1
35933	<i>Podophyllum peltatum</i>	1
11480	IN	1
163653	IN	1
40001	<i>Cellulomonas sp.</i>	1
9798	<i>Equus przewalskii</i>	1
4679	<i>Allium cepa</i>	1
12118	<i>Foot-and-mouth disease</i>	1
10301	<i>Herpes simplex virus (ty</i>	1
65553	<i>Sulfurospirillum deleyari</i>	1
280048	<i>Copaifera langsdorffii</i>	1
5827	<i>Plasmodium cynomolgi</i>	1
76306	<i>Mimosa pudica</i>	1
322	<i>Pseudomonas syringae</i>	1
10927	<i>Bovine rotavirus</i>	1
2465	Plasmid F	1
34007	<i>Paracoccus versutus</i>	1
11128	<i>Bovine coronavirus</i>	1
7998	<i>Ictalurus punctatus</i>	1
137208	IN	1
3654	<i>Citrullus lanatus</i>	1
37133	<i>Tula virus</i>	1
964	<i>Herbaspirillum seropedic</i>	1
182271	<i>Pterocarpus angolensis</i>	1
3914	<i>Vigna angularis</i>	1
45596	<i>Candida tenuis</i>	1
12017	<i>Enterobacteria phage fr</i>	1
1445	<i>Bacillus alcalophilus</i>	1
12149	<i>Belladonna mottle virus</i>	1
260674	<i>Citrullus lanatus subsp.</i>	1
5541	<i>Thermomyces lanuginos</i>	1
228	<i>Pseudoalteromonas hak</i>	1
10593	<i>Human papillomavirus tj</i>	1
306263	<i>Campylobacter lari RM2</i>	1

original

79930	<i>Methanothermobacter th</i>	1
117911	<i>Shewanella sp. SIB1</i>	1
3120	<i>Ulva pertusa</i>	1
35345	<i>Lactococcus phage TP9</i>	1
813	<i>Chlamydia trachomatis</i>	1
8400	<i>Rana catesbeiana</i>	1
38437	IN	1
192222	<i>Campylobacter jejuni su</i>	1
62887	<i>Gliocladium</i>	1
271108	<i>Bombyx mori NPV</i>	1
1763	<i>Mycobacterium</i>	1
18101	<i>Gerbera hybrid cultivar</i>	1
6339	<i>Heligmosomoides polyg.</i>	1
1963	<i>Streptomyces olivochror</i>	1
29910	<i>Tolypocladium inflatum</i>	1
6853	<i>Tachypleus tridentatus</i>	1
99571	<i>Dioclea guianensis</i>	1
35936	<i>Lablab purpureus</i>	1
8708	IN	1
167644	<i>Ilyobacter tartaricus</i>	1
40051	<i>Bluetongue virus</i>	1
11742	<i>Visna lentivirus (strain 1.</i>	1
51350	<i>Brassica rapa subsp. rap</i>	1
10304	<i>Herpes simplex virus (ty</i>	1
5346	<i>Coprinopsis cinerea</i>	1
65699	<i>Neisseria meningitidis sc</i>	1
1583	<i>Weissella confusa</i>	1
84	<i>Hyphomicrobium methyl</i>	1
282458	<i>Staphylococcus aureus .</i>	1
76854	<i>Shewanella massilia</i>	1
28503	<i>Sambucus ebulus</i>	1
10690	<i>Haemophilus phage HP</i>	1
88764	<i>Conus episcopatus</i>	1
31552	<i>Human papillomavirus ty</i>	1
536	<i>Chromobacterium violac</i>	1
10969	<i>Rhesus rotavirus</i>	1
105402	<i>Zoanthus sp.</i>	1
2489	<i>Plasmid R483</i>	1
34028	<i>Comamonas sp.</i>	1

original

672	<i>Vibrio vulnificus</i>	1
140437	<i>Streptomyces</i> sp. R1128	1
184922	<i>Giardia lamblia</i> ATCC 50	1
4092	<i>Nicotiana plumbaginifolia</i>	1
1334	<i>Streptococcus dysgalactiae</i>	1
12018	<i>Enterobacteria</i> phage G	1
4934	<i>Lachancea kluyveri</i>	1
55810	<i>Bulinus truncatus</i>	1
1449	<i>Amphibacillus xylanus</i>	1
261594	<i>Bacillus anthracis</i> str. 'A'	1
5547	<i>Trichoderma viride</i>	1
12814	Respiratory syncytial virus	1
10598	Human papillomavirus type 16	1
1914	<i>Streptomyces lavendulae</i>	1
29309	<i>Streptomyces verticillus</i>	1
6644	IN	1
92829	<i>Xanthomonas axonopodum</i>	1
2243	<i>Halobacterium</i> sp.	1
7168	<i>Anopheles dirus</i>	1
118562	<i>Arthrospira platensis</i>	1
3316	<i>Thuja plicata</i>	1
35621	<i>Streptomyces mobaraensis</i>	1
8403	<i>Rana perezi</i>	1
157732	<i>Rhodococcus</i> sp. NCIM 1192	1
38577	<i>Bufo arenarum</i>	1
192387	<i>Alicyclobacillus sendaiensis</i>	1
47935	Mouse polyomavirus (strain MEV-1)	1
228410	<i>Nitrosomonas europaea</i>	1
1511	<i>Clostridium sticklandii</i>	1
12260	Bean pod mottle virus	1
10450	<i>Orygia pseudotsugata</i> strain 10450	1
73044	<i>Streptomyces seoulensis</i>	1
28039	<i>Lactobacillus leichmannii</i>	1
6352	IN	1
2017	<i>Streptoalloteichus hindustanus</i>	1
30076	<i>Triatoma infestans</i>	1
10870	<i>Enterobacteria</i> phage M	1
6884	<i>Leiurus quinquestriatus</i> sensu lato	1
100226	<i>Streptomyces coelicolor</i>	1

original

33178	<i>Aspergillus terreus</i>	1
11090	Yellow fever virus 17D	1
7723	<i>Polyandrocarpa misakie</i>	1
887	W	1
8714	<i>Gloydus halys</i>	1
167804	<i>Dipsochelys dussumieri</i>	1
1172	<i>Anabaena variabilis</i>	1
11788	Abelson murine leukemia	1
1302	<i>Streptococcus gordonii</i>	1
212017	<i>Lethocerus indicus</i>	1
10308	Herpes simplex virus (type 1)	1
5353	<i>Lentinula edodes</i>	1
66188	<i>Micropechis ikaheka</i>	1
1584	<i>Lactobacillus delbrueckii</i>	1
12391	W	1
5850	<i>Plasmodium knowlesi</i>	1
76935	<i>Bacillus agaradhaerens</i>	1
1883	<i>Streptomyces</i>	1
28572	<i>Penicillium funiculosum</i>	1
329	<i>Ralstonia pickettii</i>	1
10703	<i>Corynephage beta</i>	1
435895	Human herpesvirus 8 type 1	1
2186	<i>Methanothermococcus</i>	1
108619	<i>Salmonella enterica</i> subsp. <i>enterica</i>	1
34078	<i>Scytonema hofmanni</i>	1
674	<i>Vibrio mimicus</i>	1
142803	Rice dwarf virus (isolate)	1
11666	Equine infectious anemia virus	1
185447	<i>Parkia platycephala</i>	1
43306	<i>Pseudomonas denitrificans</i>	1
45916	<i>Nostoc ellipsosporum</i>	1
4952	<i>Yarrowia lipolytica</i>	1
1467	<i>Bacillus lentus</i>	1
5554	<i>Trichosporon cutaneum</i>	1
1669	<i>Arthrobacter</i> sp. NRRL 1	1
12879	W	1
315277	<i>Chlamydia trachomatis</i> serovar L2	1
6185	<i>Schistosoma haematobium</i>	1
80866	<i>Delftia acidovorans</i>	1

original

29323	<i>Thermoanaerobacter br</i>	1
10761	<i>Enterobacteria phage Si</i>	1
6689	<i>Litopenaeus vannamei</i>	1
2246	<i>Haloferax volcanii</i>	1
32044	<i>Pseudomonas mevaloni</i>	1
584	<i>Proteus mirabilis</i>	1
11066	<i>Dengue virus 2 Puerto F</i>	1
118974	<i>Stromatopelma griseipe</i>	1
35631	<i>Conus imperialis</i>	1
38868	<i>Salvia officinalis</i>	1
11700	IN	1
9523	<i>Callicebus moloch</i>	1
192952	<i>Methanosarcina mazei C</i>	1
9634	<i>Helarctos malayanus</i>	1
198215	<i>Shigella flexneri 2a str. 2</i>	1
47969	<i>Oreochromis aureus</i>	1
229992	<i>SARS coronavirus Franl</i>	1
63330	<i>Hendra virus</i>	1
1512	<i>Clostridium symbiosum</i>	1
12264	<i>Cowpea mosaic virus</i>	1
10497	<i>African swine fever virus</i>	1
73147	<i>Oat sterile dwarf virus</i>	1
28068	<i>Rubrivivax gelatinosus</i>	1
2021	<i>Thermobifida fusca</i>	1
33703	<i>Suid herpesvirus 1 strai</i>	1
11091	IN	1
7748	<i>Lampetra fluviatilis</i>	1
129951	<i>Human adenovirus C</i>	1
168807	<i>Escherichia coli O127:H</i>	1
3873	<i>Lupinus luteus</i>	1
40245	<i>Cucumaria echinata</i>	1
1188	<i>Tolypothrix sp. PCC 76C</i>	1
11791	<i>AKR (endogenous) muri</i>	1
11888	<i>Rous sarcoma virus - Pr</i>	1
213804	<i>Janthinobacterium sp. J.</i>	1
4839	<i>Rhizomucor miehei</i>	1
52853	<i>Silene latifolia subsp. alk</i>	1
1411	<i>Bacillus akibai</i>	1
243277	<i>Vibrio cholerae O1 biov2</i>	1

original

66431	<i>Streptomyces thioluteus</i>	1
1585	<i>Lactobacillus delbruecki</i>	1
28737	<i>Elephantulus edwardii</i>	1
437607	<i>Influenza A virus (A/hvP</i>	1
6454	<i>Haliotis rufescens</i>	1
31645	<i>Hepatitis C virus (isolate</i>	1
544	<i>Citrobacter</i>	1
34381	<i>Aspergillus japonicus</i>	1
677	IN	1
144185	<i>Leifsonia aquatica</i>	1
37487	<i>Marichromatium purpure</i>	1
11670	<i>Equine infectious anemi</i>	1
8932	<i>Columba livia</i>	1
43759	<i>Streptomyces wedmorei</i>	1
45920	<i>Araneus diadematus</i>	1
224914	<i>Brucella melitensis 16M</i>	1
5053	<i>Aspergillus aculeatus</i>	1
56812	<i>Shewanella frigidimarina</i>	1
10368	<i>Human herpesvirus 6</i>	1
262724	<i>Thermus thermophilus f</i>	1
70174	IN	1
1679	<i>Bifidobacterium longum</i>	1
1921	<i>Streptomyces olivaceovi</i>	1
29342	<i>Clostridium botulinum D</i>	1
93061	<i>Staphylococcus aureus .</i>	1
11069	<i>Dengue virus 3</i>	1
7225	<i>Scaptodrosophila leban</i>	1
3349	<i>Pinus sylvestris</i>	1
35670	<i>Naja naja</i>	1
837	<i>Porphyromonas gingival</i>	1
3750	<i>Malus x domestica</i>	1
38945	<i>Flammulina velutipes</i>	1
9667	IN	1
4550	<i>Secale cereale</i>	1
47982	<i>Plexaura homomalla</i>	1
230105	<i>Methylophaga aminisulfi</i>	1
5207	<i>Filobasidiella neoformar.</i>	1
5741	<i>Giardia intestinalis</i>	1
28081	<i>Bordetella sp.</i>	1

original

10668	W	1
6396	<i>Eisenia fetida</i>	1
30308	<i>Ichthyomyzon unicuspis</i>	1
491	<i>Neisseria meningitidis</i> s	1
101510	<i>Rhodococcus jostii</i> RHA	1
11099	<i>Bovine viral diarrhea virus</i>	1
130081	<i>Galdieria sulphuraria</i>	1
3559	<i>Chenopodium album</i>	1
36377	W	1
11525	<i>Influenza B virus</i> (STRA	1
8722	<i>Bothrops asper</i>	1
40324	<i>Stenotrophomonas malt</i>	1