

original

NCBI taxonomy identifier	Scientific_name	Number_of_interactions
4932	<i>Saccharomyces cerevisiae</i>	116014
9606	<i>Homo sapiens</i>	102728
7227	<i>Drosophila melanogaster</i>	47478
40674	<i>Mammalia</i>	35023
6239	<i>Caenorhabditis elegans</i>	12211
562	<i>Escherichia coli</i>	12091
197	<i>Campylobacter jejuni</i>	12025
4896	<i>Schizosaccharomyces pombe</i>	11856
10090	<i>Mus musculus</i>	11524
3702	<i>Arabidopsis thaliana</i>	5309
10116	<i>Rattus norvegicus</i>	4242
160	<i>Treponema pallidum</i>	3647
83333	<i>Escherichia coli</i> K-12	3504
1142	<i>Synechocystis</i>	3057
36329	<i>Plasmodium falciparum</i>	2758
83334	<i>Escherichia coli</i> O157:H7	2562
8	<i>W</i>	1919
85962	<i>Helicobacter pylori</i> 2669	1599
210	<i>Helicobacter pylori</i>	1572
11676	<i>Human immunodeficiency virus 1</i>	1326
9913	<i>Bos taurus</i>	960
32630	<i>synthetic construct</i>	552
4530	<i>Oryza sativa</i>	501
0	<i>W</i>	465
1148	<i>Synechocystis</i> sp. PCC	453
246197	<i>Myxococcus xanthus</i> Dk	377
8355	<i>Xenopus laevis</i>	313
9031	<i>Gallus gallus</i>	312
10376	<i>Human herpesvirus 4</i>	304
217992	<i>Escherichia coli</i> O6	296
272951	<i>Rickettsia sibirica</i> 246	284
333284	<i>Hepatitis C virus</i> (isolate)	282
274	<i>Thermus thermophilus</i>	228
39947	<i>Oryza sativa Japonica</i> C	223
1423	<i>Bacillus subtilis</i>	212
10335	<i>Human herpesvirus 3</i>	174
9986	<i>Oryctolagus cuniculus</i>	172

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9823 <i>Sus scrofa</i>	163
623 <i>Shigella flexneri</i>	159
170187 <i>Streptococcus pneumon</i>	155
-2 \N	146
10377 <i>Human herpesvirus 4 (s</i>	141
2336 <i>Thermotoga maritima</i>	131
53953 <i>Pyrococcus horikoshii</i>	125
333760 <i>Human papillomavirus tj</i>	124
11103 <i>Hepatitis C virus</i>	121
602 \N	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 discoideu</i>	100
10254 <i>Vaccinia virus WR</i>	93
10633 <i>Simian virus 40</i>	92
10070 <i>Akodon aerosus</i>	89
4102 <i>Petunia x hybrida</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
190486 <i>Xanthomonas axonopoc</i>	51
2261 <i>Pyrococcus furiosus</i>	50
11320 <i>Influenza A virus</i>	50
333761 <i>Human papillomavirus tj</i>	48

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4113 <i>Solanum tuberosum</i>	46
4081 <i>Solanum lycopersicum</i>	46
2287 <i>Sulfolobus solfataricus</i>	46
4577 <i>Zea mays</i>	44
284812 <i>Schizosaccharomyces p</i>	44
32046 <i>Synechococcus elongati</i>	44
6421 <i>Hirudo medicinalis</i>	43
2190 <i>Methanocaldococcus jar</i>	43
266 <i>Paracoccus denitrificans</i>	42
2234 <i>Archaeoglobus fulgidus</i>	41
271 <i>Thermus aquaticus</i>	41
4097 <i>Nicotiana tabacum</i>	40
11908 <i>Human T-lymphotropic v</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 T₄</i>	38
5833 <i>Plasmodium falciparum</i>	37
4513 <i>Hordeum vulgare</i>	37
63363 <i>Aquifex aeolicus</i>	34
187420 <i>Methanothermobacter th</i>	34
145262 <i>Methanothermobacter th</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 T₄</i>	32
666 <i>Vibrio cholerae</i>	31
9534 <i>Chlorocebus aethiops</i>	31
31647 <i>Hepatitis C virus subtyp</i>	31
9103 <i>Meleagris gallopavo</i>	30
-1 IN	29
1392 <i>Bacillus anthracis</i>	29
10515 <i>Human adenovirus 2</i>	29
1140 <i>Synechococcus elongati</i>	29
573 <i>Klebsiella pneumoniae</i>	28

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10249 <i>Vaccinia virus Copenhagen</i>	27
176299 <i>Agrobacterium tumefaciens</i>	26
208964 <i>Pseudomonas aeruginosa</i>	26
1313 <i>Streptococcus pneumoniae</i>	26
1314 <i>Streptococcus pyogenes</i>	26
11309 <i>unidentified influenza virus</i>	25
28282 <i>Human adenovirus 12</i>	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
155892 <i>Caulobacter vibrioides</i>	22
10029 <i>Cricetulus griseus</i>	22
5476 <i>Candida albicans</i>	22
300852 <i>Thermus thermophilus</i> strain <i>162</i>	21
83332 <i>Mycobacterium tuberculosis</i> H37Rv	21
5116 <i>Cryphonectria parasitica</i>	21
10710 <i>Enterobacteria phage lambda</i>	21
9598 <i>Pan troglodytes</i>	20
9796 <i>Equus caballus</i>	20
4922 <i>Pichia pastoris</i>	20
11886 <i>Rous sarcoma virus</i>	20
5141 <i>Neurospora crassa</i>	20
1061 <i>Rhodobacter capsulatus</i>	20
85963 <i>Helicobacter pylori</i> J99	19
306 <i>Pseudomonas</i> sp.	19
12110 <i>Foot-and-mouth disease virus</i>	19
2303 <i>Thermoplasma acidophilum</i>	19
12133 <i>IN</i>	19
227859 <i>SARS coronavirus</i>	17
28451 <i>Klebsiella aerogenes</i>	17
632 <i>Yersinia pestis</i>	17
1351 <i>Enterococcus faecalis</i>	17
1491 <i>Clostridium botulinum</i>	16
556 <i>Erwinia chrysanthemi</i>	16
10117 <i>Rattus rattus</i>	16

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615	<i>Serratia marcescens</i>	16
520	<i>Bordetella pertussis</i>	16
56636	<i>Aeropyrum pernix</i>	16
10600	<i>Human papillomavirus ty</i>	16
70601	<i>Pyrococcus horikoshii O</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
99287	<i>Salmonella enterica sub</i>	14
1902	<i>Streptomyces coelicolor</i>	14
5693	<i>Trypanosoma cruzi</i>	14
12721	<i>Human immunodeficien</i>	14
360110	<i>Campylobacter jejuni su</i>	14
283166	<i>Bartonella henselae str.</i>	14
1502	<i>Clostridium perfringens</i>	14
8616	<i>Bungarus multicinctus</i>	14
1393	<i>Brevibacillus brevis</i>	14
1079	<i>Blastochloris viridis</i>	13
13773	<i>Pyrobaculum aerophilun</i>	13
11234	<i>Measles virus</i>	13
211044	<i>Influenza A virus (A/Pue</i>	13
1085	<i>Rhodospirillum rubrum</i>	13
10585	<i>Human papillomavirus ty</i>	13
197221	<i>Thermosynechococcus (</i>	13
32644	<i>unidentified</i>	13
31531	<i>Vaccinia virus L-IPV</i>	13
3847	<i>Glycine max</i>	13
3858	<i>Lathyrus ochrus</i>	13
186497	<i>Pyrococcus furiosus DS</i>	13
10036	<i>Mesocricetus auratus</i>	13
12130	<i>Human rhinovirus 2</i>	13
11276	<i>Vesicular stomatitis viru</i>	13
12215	<i>Potato virus A</i>	13
11709	<i>Human immunodeficien</i>	12

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3823 <i>Canavalia ensiformis</i>	12
31199 <i>Argopecten irradians</i>	12
11723 <i>Simian immunodeficienc</i>	12
11623 <i>Lymphocytic choriomene</i>	12
11084 <i>Tick-borne encephalitis</i>	12
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
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
414 <i>Methylococcus capsulat</i>	11
10581 W	10
601 W	10
11108 <i>Hepatitis C virus (isolate</i>	10
224308 <i>Bacillus subtilis subsp. s</i>	10
11475 W	10
1833 <i>Rhodococcus erythropoi</i>	10
243233 <i>Methylococcus capsulat</i>	10
12075 <i>Swine vesicular disease</i>	10
1168 <i>Nostoc sp. PCC 7119</i>	10
323 <i>Pseudomonas syringae</i>	10
12081 <i>Human poliovirus 1 Mah</i>	10
-3 W	10
32053 <i>Thermosynechococcus</i>	10
2208 <i>Methanosarcina barkeri</i>	9
5664 <i>Leishmania major</i>	9
11685 <i>HIV-1 M:B_ARV2/SF2</i>	9

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1427 <i>Bacillus thermoproteolyt</i>	9
12637 <i>Dengue virus</i>	9
10583 <i>Human papillomavirus ty</i>	9
1901 <i>Streptomyces clavuliger</i>	9
10635 <i>Mouse polyomavirus (st</i>	9
7091 <i>Bombyx mori</i>	9
224325 <i>Archaeoglobus fulgidus</i>	9
10359 <i>Human herpesvirus 5</i>	9
10360 <i>Human herpesvirus 5 st</i>	9
6621 <i>Loligo pealei</i>	9
5702 <i>Trypanosoma brucei bru</i>	9
7224 <i>Drosophila hydei</i>	9
73239 <i>Plasmodium yoelii yoelii</i>	9
11191 <i>Sendai virus</i>	9
190386 <i>Agrobacterium tumefaci</i>	9
844 <i>Wolinella succinogenes</i>	9
3885 <i>Phaseolus vulgaris</i>	8
4558 <i>Sorghum bicolor</i>	8
6398 <i>Lumbricus terrestris</i>	8
510 <i>IN</i>	8
2320 <i>Methanopyrus kandleri</i>	8
11678 <i>Human immunodeficien</i>	8
97228 <i>Daboia russellii pulchell</i>	8
1260 <i>Fingoldia magna</i>	8
12088 <i>Poliovirus type 3 (strains</i>	8
10891 <i>Reovirus sp.</i>	8
6500 <i>Aplysia californica</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
10579 <i>Human papillomavirus tj</i>	8
11599 <i>Hantaan virus</i>	7
103690 <i>Nostoc sp. PCC 7120</i>	7
132504 <i>Influenza A virus (A/X-3</i>	7

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5911 <i>Tetrahymena thermophi</i>	7
227321 <i>Aspergillus nidulans</i> FG.	7
7788 <i>Torpedo marmorata</i>	7
7067 <i>Tenebrio molitor</i>	7
7153 <i>Chironomus tentans</i>	7
12069 <i>Human coxsackievirus A</i>	7
1402 <i>Bacillus licheniformis</i>	7
1404 <i>Bacillus megaterium</i>	7
669 <i>Vibrio harveyi</i>	7
4084 <i>Solanum pimpinellifoliun</i>	7
10756 <i>Bacillus phage phi29</i>	7
881 <i>Desulfovibrio vulgaris</i>	7
285 <i>Comamonas testosteror</i>	7
69 <i>Lysobacter enzymogene</i>	7
45659 <i>Human adenovirus 3</i>	7
8846 <i>Anser indicus</i>	7
9825 <i>Sus scrofa domestica</i>	7
8618 <i>Dendroaspis angusticep</i>	7
12208 <i>Pea seed-borne mosaic</i>	7
11801 <i>Moloney murine leukem.</i>	7
3544 <i>Mesembryanthemum crj</i>	7
11901 <i>Bovine leukemia virus</i>	7
158 <i>Treponema denticola</i>	7
5558 IN	7
10804 <i>Adeno-associated virus</i>	7
585 <i>Proteus vulgaris</i>	7
296 <i>Pseudomonas fragi</i>	7
36409 <i>Rinderpest virus (strain i</i>	7
1352 <i>Enterococcus faecium</i>	7
12084 <i>Poliovirus type 2 (strain</i>	6
3988 <i>Ricinus communis</i>	6
46633 <i>Human echovirus 1</i>	6
12064 <i>Bovine enterovirus</i>	6
3457 <i>Dioscoreophyllum cumn</i>	6
10527 <i>Human adenovirus 9</i>	6
550 <i>Enterobacter cloacae</i>	6
162425 <i>Emericella nidulans</i>	6
1525 <i>Moorella thermoacetica</i>	6

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5791 <i>Physarum polycephalum</i>	6
47421 <i>Hydrogenophaga pseud</i>	6
12067 <i>Human coxsackievirus A</i>	6
6253 <i>Ascaris suum</i>	6
876 <i>Desulfovibrio desulfurica</i>	6
8839 <i>Anas platyrhynchos</i>	6
41529 <i>Salmonella enterica sub</i>	6
730 <i>Haemophilus ducreyi</i>	6
879 <i>Desulfovibrio gigas</i>	6
1752 <i>Propionibacterium freud</i>	6
421877 <i>Hepatitis C virus isolate</i>	6
1167 <i>Anabaena sp.</i>	6
42897 <i>Shigella flexneri 2a</i>	6
2166 <i>IN</i>	6
3708 <i>Brassica napus</i>	6
12078 <i>Human echovirus 11</i>	6
10658 <i>Enterobacteria phage Pi</i>	6
83374 <i>Galdieria partita</i>	6
2285 <i>Sulfolobus acidocaldarii</i>	6
1049 <i>Allochrocatium vinosum</i>	6
485 <i>Neisseria gonorrhoeae</i>	6
2286 <i>Sulfolobus shibatae</i>	6
3972 <i>Viscum album</i>	6
111955 <i>Sulfolobus tokodaii</i>	6
3712 <i>Brassica oleracea</i>	6
1131 <i>Synechococcus sp.</i>	6
226185 <i>Enterococcus faecalis V</i>	6
487 <i>Neisseria meningitidis</i>	6
44130 <i>Human rhinovirus 3</i>	6
5855 <i>Plasmodium vivax</i>	6
408 <i>Methylobacterium extor</i>	6
8724 <i>Bothrops jararaca</i>	6
2026 <i>Thermoactinomyces vulg</i>	6
10884 <i>Mammalian orthoreoviru</i>	6
5656 <i>Crithidia fasciculata</i>	6
12134 <i>Human rhinovirus 1A</i>	5
5482 <i>Candida tropicalis</i>	5
28901 <i>Salmonella enterica</i>	5

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148305 <i>Magnaporthe grisea</i>	5
5061 <i>Aspergillus niger</i>	5
59405 <i>Thauera aromatica</i>	5
10626 <i>Hamster polyomavirus</i>	5
6707 <i>Homarus gammarus</i>	5
847 <i>Oxalobacter formigenes</i>	5
31159 <i>Daboia russellii russellii</i>	5
1076 <i>Rhodopseudomonas pa.</i>	5
1143 <i>Synechocystis sp.</i>	5
5062 <i>Aspergillus oryzae</i>	5
5665 <i>Leishmania mexicana</i>	5
11610 <i>Seoul virus SR11</i>	5
6523 <i>Lymnaea stagnalis</i>	5
554 <i>Pectobacterium carotovu</i>	5
115711 <i>Chlamydophila pneumoi</i>	5
2265 <i>Thermococcus litoralis</i>	5
8766 IN	5
17 <i>Methylophilus methylotri</i>	5
1831 <i>Rhodococcus sp.</i>	5
86665 <i>Bacillus halodurans</i>	5
11113 <i>Hepatitis C virus isolate</i>	5
1720 <i>Corynebacterium sp.</i>	5
878 <i>Desulfovibrio fructosovo</i>	5
1282 <i>Staphylococcus epiderr</i>	5
103944 <i>Protobothrops mucrosqu</i>	5
29292 <i>Pyrococcus abyssi</i>	5
1156 IN	5
47881 <i>Pseudomonas pavonace</i>	5
10384 <i>Herpesvirus saimiri (stra</i>	5
360108 <i>Campylobacter jejuni su</i>	5
622 <i>Shigella dysenteriae</i>	5
129875 <i>Human adenovirus A</i>	5
211586 <i>Shewanella oneidensis l</i>	5
55676 <i>Oligobrachia mashikoi</i>	5
1501 <i>Clostridium pasteurianu</i>	5
8022 <i>Oncorhynchus mykiss</i>	5
11698 <i>Human immunodeficien</i>	5
69488 <i>Penicillium simplicissimu</i>	5

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571 <i>Klebsiella oxytoca</i>	5
11489 IN	5
10243 <i>Cowpox virus</i>	5
3661 <i>Cucurbita maxima</i>	5
12126 <i>Theiler's encephalomyelitis virus</i>	5
1866 <i>Actinoplanes missouriensis</i>	5
8030 <i>Salmo salar</i>	5
235 <i>Brucella abortus</i>	5
5722 <i>Trichomonas vaginalis</i>	5
293 <i>Brevundimonas diminuta</i>	5
1050 <i>Thermochromatium tepidum</i>	5
7111 <i>Trichoplusia ni</i>	5
10879 <i>Pseudomonas phage phiX174</i>	5
11673 <i>Feline immunodeficiency virus</i>	5
1306 <i>Streptococcus sp.</i>	5
112509 <i>Hordeum vulgare subsp. spontaneum</i>	5
195058 <i>Naja sagittifera</i>	5
905 <i>Acidaminococcus fermentans</i>	5
272943 <i>Rhodobacter sphaeroides</i>	5
1772 <i>Mycobacterium smegmatis</i>	5
644 <i>Aeromonas hydrophila</i>	5
216593 IN	5
11033 <i>Semliki forest virus</i>	5
10624 <i>Polyomavirus</i>	5
203119 <i>Clostridium thermocellum</i>	4
381666 <i>Ralstonia eutropha H16</i>	4
1074 <i>Rhodoblastus acidophilus</i>	4
1309 <i>Streptococcus mutans</i>	4
79257 <i>Rhodomonas sp. CS24</i>	4
1894 <i>Streptomyces aureofaciens</i>	4
12227 <i>Tobacco etch virus</i>	4
915 <i>Nitrosomonas europaea</i>	4
8730 <i>Crotalus atrox</i>	4
1311 <i>Streptococcus agalactiae</i>	4
4905 <i>Pichia angusta</i>	4
1590 <i>Lactobacillus plantarum</i>	4
12591 IN	4
28985 <i>Kluyveromyces lactis</i>	4

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2209 <i>Methanosarcina mazei</i>	4
2787 <i>Porphyra purpurea</i>	4
11720 <i>Human immunodeficient</i>	4
2262 <i>Pyrococcus woesei</i>	4
65404 <i>Polysiphonia urceolata</i>	4
2334 <i>Bacillus sp. PS3</i>	4
1312 <i>W</i>	4
1591 <i>Lactobacillus sp.</i>	4
10381 <i>Saimiriine herpesvirus 2</i>	4
275 <i>Thermus sp.</i>	4
11082 <i>West Nile virus</i>	4
5507 <i>Fusarium oxysporum</i>	4
2214 <i>Methanosarcina acetivor</i>	4
8692 <i>Bitis arietans</i>	4
12243 <i>Tobacco mosaic virus (v</i>	4
10849 <i>Enterobacteria phage al</i>	4
3906 <i>Vicia faba</i>	4
6426 <i>Riftia pachyptila</i>	4
88087 <i>Trimeresurus flavoviridis</i>	4
8364 <i>Xenopus (Silurana) tropi</i>	4
6108 <i>Anemonia sulcata</i>	4
9601 <i>Pongo abelii</i>	4
12072 <i>Human coxsackievirus E</i>	4
6848 <i>Carcinoscorpius rotundi</i>	4
1836 <i>Saccharopolyspora erytl</i>	4
11696 <i>HIV-1 M:B_MN</i>	4
1320 <i>Streptococcus sp. 'group</i>	4
33067 <i>Pseudomonas sp. 101</i>	4
12124 <i>Theiler's encephalomyel</i>	4
1582 <i>Lactobacillus casei</i>	4
1098 <i>Prosthecochloris vibriofc</i>	4
10030 <i>Cricetulus longicaudatus</i>	4
1665 <i>Arthrobacter globiformis</i>	4
2242 <i>Halobacterium salinarun</i>	4
40137 <i>Oligotropha carboxidovc</i>	4
36307 <i>Deinagkistrodon acutus</i>	4
3916 <i>Vigna radiata var. radiat</i>	4
10991 <i>Rice dwarf virus</i>	4

original

6183 <i>Schistosoma mansoni</i>	4
382 <i>Sinorhizobium meliloti</i>	4
3864 <i>Lens culinaris</i>	4
272562 <i>Clostridium acetobutylicum</i>	4
10872 <i>Pseudomonas phage Pf</i>	4
1409 <i>Bacillus sp.</i>	4
290579 <i>HIV-1 M:B_Lai</i>	4
542 <i>Zymomonas mobilis</i>	4
144556 <i>IN</i>	4
11706 <i>HIV-1 M:B_HXB2R</i>	4
13037 <i>Danaus plexippus</i>	4
3329 <i>Picea abies</i>	4
818 <i>Bacteroides thetaiotaom</i>	4
10506 <i>Paramecium bursaria Cl</i>	4
6945 <i>Ixodes scapularis</i>	4
3673 <i>Momordica charantia</i>	4
31646 <i>Hepatitis C virus subtype</i>	4
8090 <i>Oryzias latipes</i>	4
46015 <i>Autographa californica n</i>	4
226186 <i>Bacteroides thetaiotaom</i>	4
3879 <i>Medicago sativa</i>	4
11855 <i>Mason-Pfizer monkey vi</i>	4
73841 <i>Vipera ammodytes meri</i>	4
30591 <i>Aotus azarai</i>	4
3677 <i>Trichosanthes kirilowii</i>	4
4843 <i>Rhizopus microsporus v</i>	4
546 <i>Citrobacter freundii</i>	4
9544 <i>Macaca mulatta</i>	4
226900 <i>Bacillus cereus ATCC 1</i>	4
9685 <i>Felis catus</i>	3
48465 <i>Prostheco bacter de jong</i>	3
7004 <i>Locusta migratoria</i>	3
36436 <i>Simian rotavirus A/SA11</i>	3
10326 <i>Equid herpesvirus 1</i>	3
253435 <i>SARS coronavirus PUM</i>	3
173 <i>Leptospira interrogans</i>	3
11034 <i>Sindbis virus</i>	3
2775 <i>Gracilaria chilensis</i>	3

original

3818 <i>Arachis hypogaea</i>	3
1354 <i>Enterococcus hirae</i>	3
1488 <i>Clostridium acetobutylicum</i>	3
345076 <i>Vibrio cholerae</i> V52	3
426 <i>Methylosinus trichosporium</i>	3
35730 <i>Trematomus newnesi</i>	3
103782 <i>Pariacato virus</i>	3
2327 <i>Methylophilus methylotrophicus</i>	3
9925 <i>Capra hircus</i>	3
5945 W	3
8212 W	3
1717 <i>Corynebacterium diphtheriae</i>	3
13689 <i>Sphingomonas paucimobilis</i>	3
10632 <i>JC polyomavirus</i>	3
10843 <i>Enterobacteria phage G</i>	3
873 <i>Desulfovibrio africanus</i>	3
8732 <i>Crotalus durissus terrificus</i>	3
40690 <i>Trematomus bernacchii</i>	3
10279 <i>Molluscum contagiosum</i>	3
6419 <i>Hirudinaria manillensis</i>	3
2104 <i>Mycoplasma pneumoniae</i>	3
133899 W	3
257313 <i>Bordetella pertussis</i> Toh	3
10582 W	3
92520 W	3
2210 <i>Methanosarcina thermoautotrophica</i>	3
31767 <i>Hepatitis E virus</i> (strain 1)	3
11216 <i>Human parainfluenza virus 1</i>	3
8237 <i>Thunnus thynnus</i>	3
9597 <i>Pan paniscus</i>	3
1494 <i>Clostridium cochlearium</i>	3
71421 <i>Haemophilus influenzae</i>	3
35816 <i>Pelobacter acidigallici</i>	3
243230 <i>Deinococcus radiodurans</i>	3
10530 <i>Murine adenovirus 1</i>	3
316 <i>Pseudomonas stutzeri</i>	3
10923 <i>Simian rotavirus A/SA11</i>	3
1083 <i>Phaeospirillum molischii</i>	3

original

4076	<i>Datura stramonium</i>	3
12145	<i>Tomato bushy stunt viru</i>	3
10333	<i>Equine herpesvirus type</i>	3
68728	<i>Chrysocyon brachyurus</i>	3
1593	<i>Lactobacillus sp. 30A</i>	3
6100	<i>Aequorea victoria</i>	3
5076	<i>Penicillium chrysogenun</i>	3
3490	<i>Artocarpus integer</i>	3
35889	<i>Nicotiana glutinosa</i>	3
243232	<i>Methanocaldococcus jar</i>	3
34	<i>Myxococcus xanthus</i>	3
2111	<i>Mycoplasma arthritidis</i>	3
518	<i>Bordetella bronchiseptic</i>	3
11689	<i>Human immunodeficien</i>	3
92694	<i>Rhodococcus sp. NCIM</i>	3
11241	<i>Rinderpest virus</i>	3
12253	<i>Tomato mosaic virus</i>	3
72579	<i>Bacillus sp. YM-1</i>	3
15957	<i>Phleum pratense</i>	3
8843	<i>Anser anser</i>	3
42003	<i>Griffithsia monilis</i>	3
12353	<i>Enterobacteria phage R</i>	3
5821	<i>Plasmodium berghei</i>	3
1097	<i>Chlorobaculum tepidum</i>	3
1905	<i>Streptomyces exfoliatus</i>	3
11246	<i>Bovine respiratory syncy</i>	3
11484	<i>Influenza A virus (A/wha</i>	3
4498	<i>Avena sativa</i>	3
10144	<i>Cavia cutleri</i>	3
62977	<i>Acinetobacter sp. ADP1</i>	3
12258	<i>Comovirus</i>	3
10864	<i>Enterobacteria phage fd</i>	3
37137	<i>Simian rotavirus A/SA11</i>	3
11665	<i>Equine infectious anemi</i>	3
1406	<i>Paenibacillus polymyxa</i>	3
89020	<i>Mustelus griseus</i>	3
7102	<i>Heliothis virescens</i>	3
93050	<i>Echis multisquamatus</i>	3

original

11250	<i>Human respiratory sync</i>	3
272558	<i>Bacillus halodurans C-1</i>	3
100673	<i>Influenza C virus (C/Joh</i>	3
4682	<i>Allium sativum</i>	3
51453	<i>Hypocrea jecorina</i>	3
2180	<i>Methanothermus fervidu</i>	3
31553	<i>Papillomavirus sylvilagi</i>	3
11149	<i>Transmissible gastroent</i>	3
158879	<i>Staphylococcus aureus</i>	3
3711	<i>Brassica rapa</i>	3
1108	<i>Chloroflexus aurantiacus</i>	3
12161	<i>Beet yellows virus</i>	3
10366	<i>Murid herpesvirus 1</i>	3
1667	<i>Arthrobacter sp.</i>	3
119072	<i>Thermoanaerobacter ter</i>	3
817	<i>Bacteroides fragilis</i>	3
11268	IN	3
1765	<i>Mycobacterium bovis</i>	3
362651	<i>Human immunodeficien</i>	3
6938	<i>Ornithodoros moubata</i>	3
12475	<i>Hepatitis delta virus</i>	3
10566	<i>Human papillomavirus</i>	3
2502	<i>Plasmid RK2</i>	3
8053	<i>Gadus callarias</i>	3
263374	<i>Bordetella phage BMP-1</i>	3
10794	<i>Minute virus of mice</i>	3
1394	<i>Bacillus caldolyticus</i>	3
5724	<i>Tritrichomonas foetus</i>	3
1769	<i>Mycobacterium leprae</i>	3
33708	<i>Murid herpesvirus 4</i>	3
10315	<i>Human herpesvirus 2 st</i>	3
1887	<i>Streptomyces albogrise</i>	3
9541	<i>Macaca fascicularis</i>	3
1474	<i>Sporosarcina pasteurii</i>	3
10623	<i>Cottontail rabbit papillon</i>	3
2257	<i>Natronomonas pharaoni</i>	3
1197	<i>Fremyella diplosiphon</i>	3
237561	<i>Candida albicans SC53</i>	3

original

102746	<i>Hieracium piloselloides</i>	3
37554	<i>Enterobacteria phage H</i>	3
1307	<i>Streptococcus suis</i>	3
9874	<i>Odocoileus virginianus</i>	3
1421	<i>Lysinibacillus sphaericus</i>	3
1587	<i>Lactobacillus helveticus</i>	3
5861	<i>Plasmodium yoelii</i>	3
340	<i>Xanthomonas campestris</i>	3
10712	<i>Phage 434</i>	3
8167	<i>Perca flavescens</i>	3
82367	<i>Paracoccus pantotrophus</i>	3
121791	<i>Nipah virus</i>	3
1245	<i>Leuconostoc mesentero</i>	2
5270	<i>Ustilago maydis</i>	2
64574	<i>Radiomyces spectabilis</i>	2
1520	<i>Clostridium beijerinckii</i>	2
12288	<i>Nodamura virus</i>	2
11104	<i>Hepatitis C virus (isolate</i>	2
3679	<i>Ecballium elaterium</i>	2
67825	<i>Citrobacter rodentium</i>	2
31708	<i>Human rhinovirus 16</i>	2
11207	<i>Simian virus 5</i>	2
8175	<i>Sparus aurata</i>	2
1697	<i>Corynebacterium ammo</i>	2
6238	<i>Caenorhabditis briggsae</i>	2
1929	<i>Streptomyces rubiginosus</i>	2
10832	<i>Tomato yellow leaf curl v</i>	2
122586	<i>Neisseria meningitidis M</i>	2
11604	<i>Puumala virus</i>	2
176674	<i>Influenza A virus (A/Duc</i>	2
11868	<i>Avian myelocytomatosis</i>	2
1398	<i>Bacillus coagulans</i>	2
10258	<i>Orf virus</i>	2
240269	<i>Paramecium bursaria Cl</i>	2
5271	<i>Ustilago sphaerogena</i>	2
12302	<i>Brome mosaic virus</i>	2
273057	<i>Sulfolobus solfataricus F</i>	2
5759	<i>Entamoeba histolytica</i>	2

original

305	<i>Ralstonia solanacearum</i>	2
387139	<i>Influenza A virus (A/Aict</i>	2
132961	<i>Bungarus caeruleus</i>	2
4043	<i>Petroselinum crispum</i>	2
11983	<i>Norwalk virus</i>	2
12136	<i>Cricket paralysis virus</i>	2
67831	<i>Rhipicephalus bursa</i>	2
350	<i>Zoogloea ramigera</i>	2
91753	<i>Cucurbit aphid-borne ye</i>	2
7130	<i>Manduca sexta</i>	2
715	<i>Actinobacillus pleuropne</i>	2
11208	<i>Simian virus 5 (strain W.</i>	2
196620	<i>Staphylococcus aureus .</i>	2
12066	<i>Coxsackievirus</i>	2
348776	<i>Mycobacterium tubercul</i>	2
1931	<i>Streptomyces sp.</i>	2
11077	<i>Kunjin virus</i>	2
123217	<i>Anopheles cracens</i>	2
3488	<i>Artocarpus</i>	2
36773	<i>Burkholderia sp.</i>	2
920	<i>Acidithiobacillus ferrooxi</i>	2
1829	<i>Rhodococcus rhodochr</i>	2
512	<i>Alcaligenes sp.</i>	2
150147	IN	2
223283	<i>Pseudomonas syringae</i>	2
4906	<i>Williopsis saturnus</i>	2
192	<i>Azospirillum brasilense</i>	2
301447	<i>Streptococcus pyogenes</i>	2
6087	<i>Hydra vulgaris</i>	2
79676	<i>Pseudomonas sp. CF60</i>	2
10724	<i>Bacillus phage SPP1</i>	2
1147	<i>Synechocystis sp. PCC</i>	2
227984	<i>SARS coronavirus Tor2</i>	2
5072	IN	2
5689	<i>Leishmania tarentolae</i>	2
1718	<i>Corynebacterium glutar</i>	2
83331	<i>Mycobacterium tubercul</i>	2
1932	<i>Streptomyces tendae</i>	2

original

180454	<i>Anopheles gambiae str.</i>	2
11876	<i>Avian sarcoma virus</i>	2
9793	<i>Equus asinus</i>	2
12107	<i>Mengo virus</i>	2
5306	<i>Phanerochaete chrysosporium</i>	2
65406	<i>Pseudomonas sp. 7A</i>	2
5807	<i>Cryptosporidium parvum</i>	2
28450	<i>Burkholderia pseudomallei</i>	2
155077	<i>Cellvibrio japonicus</i>	2
11686	<i>Human immunodeficiency virus 1</i>	2
54914	<i>Brevibacillus parabrevis</i>	2
258594	<i>Rhodopseudomonas palustris</i>	2
29170	<i>Ancylostoma caninum</i>	2
6526	<i>Biomphalaria glabrata</i>	2
11053	<i>Dengue virus 1</i>	2
3840	<i>Vigna unguiculata subsp. sesquipedalis</i>	2
47519	<i>Calystegia sepium</i>	2
1360	<i>Lactococcus lactis subsp. lactis</i>	2
10634	<i>Murine polyomavirus</i>	2
6279	<i>Brugia malayi</i>	2
2271	<i>Thermoproteus tenax</i>	2
927	<i>Halothiobacillus neapolitanus</i>	2
50339	<i>Thermoplasma volcanium</i>	2
1553	<i>Clostridium tetanomorphum</i>	2
416870	<i>Lactococcus lactis subsp. lactis</i>	2
45441	<i>Enterobacteria phage L</i>	2
224324	<i>Aquifex aeolicus VF5</i>	2
55084	<i>Pandinus imperator</i>	2
1428	<i>Bacillus thuringiensis</i>	2
12147	<i>Tomato bushy stunt virus</i>	2
5514	<i>Fusarium sporotrichioides</i>	2
69000	<i>Bacillus sp. B-0618</i>	2
12643	<i>Ectromelia virus</i>	2
6550	<i>Mytilus edulis</i>	2
31902	<i>Dasyatis akajei</i>	2
7159	<i>Aedes aegypti</i>	2
8705	<i>Vipera ammodytes ammodytes</i>	2
3843	<i>Erythrina corallodendron</i>	2

original

11741	<i>Visna/Maedi virus</i>	2
228407	<i>SARS coronavirus BJ01</i>	2
1498	<i>Clostridium histolyticum</i>	2
280	<i>Xanthobacter autotroph</i>	2
11088	<i>Tick-borne encephalitis</i>	2
7668	<i>Strongylocentrotus purp</i>	2
11641	<i>Human foamy virus</i>	2
11879	<i>Avian sarcoma virus PR</i>	2
51336	<i>Cabbage leaf curl virus</i>	2
1580	<i>Lactobacillus brevis</i>	2
10553	<i>Fowl adenovirus 1</i>	2
28502	<i>Amaranthus hypochond</i>	2
319	<i>Pseudomonas syringae</i>	2
10685	<i>Bacillus phage SPO1</i>	2
3704	<i>Armoracia rusticana</i>	2
9490	<i>Saguinus oedipus</i>	2
4931	<i>Saccharomyces bayanu</i>	2
69014	<i>Thermococcus kodakare</i>	2
1642	<i>Listeria innocua</i>	2
223	<i>Achromobacter cyclocla</i>	2
307796	<i>Saccharomyces cerevisi</i>	2
80863	<i>Populus tremula x Popu</i>	2
29303	<i>Streptomyces cattleya</i>	2
375	<i>Bradyrhizobium japonicu</i>	2
31958	<i>Amycolatopsis orientalis</i>	2
11063	<i>Dengue virus 2 Malaysia</i>	2
7165	<i>Anopheles gambiae</i>	2
198214	<i>Shigella flexneri 2a str. 3</i>	2
47914	<i>Brevibacterium fuscum</i>	2
5085	<i>Aspergillus fumigatus</i>	2
272557	<i>Aeropyrum pernix K1</i>	2
10641	<i>Cauliflower mosaic virus</i>	2
1956	<i>Streptomyces diastaticu</i>	2
2280	<i>Staphylothermus marinu</i>	2
11089	<i>Yellow fever virus</i>	2
7719	<i>Ciona intestinalis</i>	2
129910	<i>Arthrospira maxima</i>	2
8844	<i>Anser anser anser</i>	2

original

11885	<i>Fujinami sarcoma virus</i>	2
5341	<i>Agaricus bisporus</i>	2
12371	<i>Phage h30</i>	2
1848	<i>Pseudonocardia thermo</i>	2
6436	<i>Themiste dyscritum</i>	2
529	<i>Ochrobactrum anthropi</i>	2
670	<i>Vibrio parahaemolyticus</i>	2
11138	<i>Murine hepatitis virus</i>	2
158878	<i>Staphylococcus aureus</i>	2
9521	<i>Saimiri sciureus</i>	2
4087	<i>Nicotiana glauca</i>	2
1324	<i>Streptococcus sp. G148</i>	2
224326	<i>Borrelia burgdorferi B31</i>	2
12154	<i>Turnip yellow mosaic vir</i>	2
262338	<i>SARS coronavirus GD0</i>	2
6182	<i>Schistosoma japonicum</i>	2
381	<i>Mesorhizobium loti</i>	2
32002	<i>Achromobacter denitrific</i>	2
11065	<i>Dengue virus 2 Thailand</i>	2
883	<i>Desulfovibrio vulgaris sti</i>	2
4511	<i>Eleusine coracana</i>	2
480	<i>Moraxella catarrhalis</i>	2
3505	<i>Betula pendula</i>	2
1301	<i>Streptococcus</i>	2
1408	<i>Bacillus pumilus</i>	2
10560	<i>Bovine papillomavirus ty</i>	2
77133	<i>uncultured bacterium</i>	2
6437	<i>Themiste zostericola</i>	2
89476	<i>IN</i>	2
7108	<i>Spodoptera frugiperda</i>	2
109171	<i>Pachyrhizus erosus</i>	2
194439	<i>Chlorobium tepidum TL</i>	2
12022	<i>Enterobacterio phage M</i>	2
322710	<i>Azotobacter vinelandii D</i>	2
81759	<i>Hyacinthoides hispanica</i>	2
11520	<i>Influenza B virus</i>	2
8717	<i>Calloselasma rhodoston</i>	2
198628	<i>Erwinia chrysanthemi sti</i>	2

original

12080 <i>Human poliovirus 1</i>	2
5138 <i>W</i>	2
30077 <i>Triatoma pallidipennis</i>	2
3527 <i>Phytolacca americana</i>	2
3663 <i>Cucurbita pepo</i>	2
4754 <i>Pneumocystis carinii</i>	2
10310 <i>Human herpesvirus 2</i>	2
6442 <i>Phascolopsis gouldii</i>	2
10995 <i>Infectious bursal disease</i>	2
11176 <i>Newcastle disease virus</i>	2
194699 <i>Bordetella phage BPP-1</i>	2
1338 <i>Streptococcus intermedi</i>	2
12023 <i>Pseudomonas phage Pf</i>	2
10614 <i>Human papillomavirus ty</i>	2
394 <i>Rhizobium sp. NGR234</i>	2
119602 <i>Streptococcus dysgalaci</i>	2
899 <i>Desulfomicrobium bacul</i>	2
171101 <i>Streptococcus pneumon</i>	2
198803 <i>Bacillus sp. MN-32</i>	2
12285 <i>Black beetle virus</i>	2
6359 <i>Platynereis dumerilii</i>	2
130308 <i>Human adenovirus E</i>	2
3981 <i>Hevea brasiliensis</i>	2
12131 <i>Human rhinovirus 14</i>	2
244589 <i>Sulfolobus virus 1</i>	2
5386 <i>Xerocomus chrysenteroi</i>	2
28875 <i>Rotavirus A</i>	2
337 <i>Burkholderia glumae</i>	2
90371 <i>Salmonella enterica sub</i>	2
2188 <i>Methanococcus voltae</i>	2
2743 <i>Marinobacter hydrocarb</i>	2
8631 <i>Laticauda semifasciata</i>	2
1139 <i>W</i>	2
11707 <i>Human immunodeficien</i>	2
12042 <i>Beet western yellows vir</i>	2
70698 <i>M28 virus</i>	2
6192 <i>Fasciola hepatica</i>	2
6703 <i>Pandalus borealis</i>	2

original

11070	<i>Dengue virus 4</i>	2
40353	<i>Echis carinatus</i>	2
9675	<i>Paguma larvata</i>	2
200597	<i>Sterkiella nova</i>	2
48386	<i>Perilla frutescens</i>	2
12082	<i>Human poliovirus 1 strain</i>	2
5059	<i>Aspergillus flavus</i>	2
265874	<i>Ectromelia virus Moscow</i>	2
11072	<i>Japanese encephalitis virus</i>	2
907	<i>Megasphaera elsdenii</i>	1
8729	<i>Crotalus adamanteus</i>	1
40410	<i>Cryptococcus neoformans</i>	1
11863	<i>Avian erythroblastosis virus</i>	1
1397	<i>Bacillus circulans</i>	1
10255	<i>Variola virus</i>	1
237895	<i>Cryptosporidium hominis</i>	1
10519	<i>Human adenovirus 7</i>	1
5755	<i>Acanthamoeba castellanii</i>	1
74567	<i>Flavobacterium sp. ATC</i>	1
2045	<i>Pimelobacter simplex</i>	1
30608	<i>Microcebus murinus</i>	1
10886	<i>Mammalian orthoreovirus</i>	1
33900	<i>Streptomyces murinus</i>	1
648	<i>Aeromonas punctata</i>	1
37632	<i>Amycolatopsis sp.</i>	1
9092	IN	1
190485	<i>Xanthomonas campestris</i>	1
11914	IN	1
53412	<i>Pseudomonas resinovorans</i>	1
1589	<i>Lactobacillus pentosus</i>	1
12558	<i>Sesbania mosaic virus</i>	1
300269	<i>Shigella sonnei Ss046</i>	1
346	<i>Xanthomonas citri</i>	1
10714	<i>Corynephage omega</i>	1
6494	<i>Conus textile</i>	1
91201	<i>Gastrodia elata</i>	1
549	<i>Pantoea agglomerans</i>	1
7123	<i>Hyalophora cecropia</i>	1

original

113636	<i>Populus tremula</i>	1
34649	<i>Mesobuthus martensii</i>	1
713	<i>Actinobacillus</i>	1
8649	<i>Naja kaouthia</i>	1
161736	<i>Pseudomonas phage ph</i>	1
39443	<i>Carnation Italian ringspc</i>	1
9548	<i>Macaca radiata</i>	1
196590	IN	1
10095	<i>Mus sp.</i>	1
266835	<i>Mesorhizobium loti</i> MAF	1
70863	<i>Shewanella oneidensis</i>	1
13686	<i>Solenopsis invicta</i>	1
273	IN	1
82835	IN	1
29438	<i>Pseudomonas savastan</i>	1
32059	<i>Phormidium laminosum</i>	1
592	IN	1
11073	<i>Japanese encephalitis v</i>	1
7242	<i>Drosophila sp.</i>	1
9739	<i>Tursiops truncatus</i>	1
204723	<i>Peniophora sp.</i> SG	1
49577	<i>Costus speciosus</i>	1
64608	<i>Agrocybe cylindracea</i>	1
1521	<i>Clostridium cellulolyticur</i>	1
74577	<i>Streptomyces sp.</i> UC53	1
1823	<i>Nocardia otitidiscaviarur</i>	1
10679	<i>Enterobacteria phage P:</i>	1
6410	<i>Haementeria officinalis</i>	1
2094	<i>Mycoplasma arginini</i>	1
7010	<i>Schistocerca gregaria</i>	1
33903	<i>Streptomyces avermitilis</i>	1
658	<i>Photobacterium leiognat</i>	1
3567	<i>Amaranthus caudatus</i>	1
36659	<i>Volvariella volvacea</i>	1
148603	<i>Mycobacterium phage B</i>	1
3690	<i>Populus x canadensis</i>	1
37682	<i>Aegilops tauschii</i>	1
44822	<i>Microcystis viridis</i>	1

original

221204	<i>Hieracium pilosella</i>	1
10329	<i>Equine herpesvirus type</i>	1
257311	<i>Bordetella parapertussis</i>	1
5499	<i>Passalora fulva</i>	1
188	<i>Magnetospirillum magne</i>	1
79261	<i>Streptomyces castaneo</i>	1
10715	<i>Staphylococcus phage 4</i>	1
31744	<i>Rice yellow mottle virus</i>	1
11036	<i>Venezuelan equine ence</i>	1
115547	<i>uncultured archaeon</i>	1
34839	<i>Chinchilla lanigera</i>	1
39682	<i>Viridovipera stejneri</i>	1
9556	<i>Papio cynocephalus</i>	1
4120	<i>Ipomoea batatas</i>	1
46758	<i>Lobophyllia hemprichii</i>	1
10114	<i>Rattus</i>	1
59511	<i>Pseudomonas syringae</i>	1
12230	<i>Turnip mosaic virus</i>	1
269084	<i>Synechococcus elongat</i>	1
71366	<i>Staphylococcus phage f</i>	1
83131	<i>Cratylia argentea</i>	1
29459	<i>Brucella melitensis</i>	1
435	<i>Acetobacter aceti</i>	1
6715	<i>Astacus astacus</i>	1
97234	<i>Dryopteris crassirhizom</i>	1
32060	<i>Phormidium lapideum</i>	1
7370	<i>Musca domestica</i>	1
35806	<i>Rhodovulum sulfidophilu</i>	1
178306	<i>Pyrobaculum aerophilun</i>	1
3891	<i>Psophocarpus tetragonc</i>	1
1270	<i>Micrococcus luteus</i>	1
11873	<i>Avian musculoaponeuro</i>	1
9749	<i>Delphinapterus leucas</i>	1
49817	<i>Erythrina crista-galli</i>	1
1399	<i>Bacillus firmus</i>	1
12092	<i>Hepatitis A virus</i>	1
242619	<i>Porphyromonas gingival</i>	1
5286	<i>Rhodosporidium toruloic</i>	1

original

12303	<i>Cowpea chlorotic mottle</i>	1
10529	<i>Human adenovirus 31</i>	1
273063	<i>Sulfolobus tokodaii str. 7</i>	1
76114	<i>Aromatoleum aromaticum</i>	1
28344	<i>Porcine reproductive and respiratory syndrome virus</i>	1
10680	<i>Enterobacteria phage P1</i>	1
390157	<i>Seneca valley virus</i>	1
86600	<i>Discosoma sp.</i>	1
10896	IN	1
7038	<i>Bemisia tabaci</i>	1
103904	<i>Coxsackievirus B3 (strain 229E)</i>	1
33931	<i>Bacillus caldovelox</i>	1
659	<i>Photobacterium phosphoreum</i>	1
3570	<i>Dianthus caryophyllus</i>	1
3691	<i>Populus nigra</i>	1
37734	<i>Enterococcus casseliflavus</i>	1
9267	<i>Didelphis virginiana</i>	1
190650	<i>Caulobacter crescentus</i>	1
4072	<i>Capsicum annuum</i>	1
45151	<i>Pyrenophora tritici-reperis</i>	1
11986	<i>Carnation mottle virus</i>	1
9939	<i>Ovis sp.</i>	1
54571	<i>Streptomyces venezuelae</i>	1
1426	<i>Geobacillus thermoglucosus</i>	1
12139	<i>Southern bean mosaic virus</i>	1
10331	<i>Equid herpesvirus 4</i>	1
5501	<i>Coccidioides immitis</i>	1
68170	<i>Lechevalieria aerocolonigenes</i>	1
12618	<i>Chicken anemia virus</i>	1
1897	<i>Streptomyces carzinostegus</i>	1
29015	IN	1
11047	<i>Equine arteritis virus</i>	1
7141	<i>Choristoneura fumiferana</i>	1
2788	<i>Porphyra yezoensis</i>	1
34864	IN	1
726	<i>Haemophilus haemolyticus</i>	1
11467	IN	1
8665	<i>Ophiophagus hannah</i>	1

original

163106	W	1
3837	<i>Dioclea grandiflora</i>	1
39946	<i>Oryza sativa Indica Gro</i>	1
196627	<i>Corynebacterium glutar</i>	1
1359	<i>Lactococcus lactis subsp</i>	1
59837	<i>Leiostomus xanthurus</i>	1
12242	<i>Tobacco mosaic virus</i>	1
269145	<i>Sulfolobus turreted icos</i>	1
348780	<i>Natronomonas pharaoni</i>	1
29461	<i>Brucella suis</i>	1
438	<i>Acetobacter pasteurianu</i>	1
6728	<i>Procambarus clarkii</i>	1
32536	<i>Acinonyx jubatus</i>	1
7389	<i>Hypoderma lineatum</i>	1
126794	<i>Vaccinia virus Ankara</i>	1
37114	<i>Human papillomavirus tj</i>	1
921	<i>Starkeya novella</i>	1
3902	<i>Ulex europaeus</i>	1
40979	<i>Cocksfoot mottle virus</i>	1
210007	<i>Streptococcus mutans L</i>	1
4615	<i>Ananas comosus</i>	1
49899	<i>Thermococcus profundu</i>	1
1400	<i>Bacillus intermedius</i>	1
1550	<i>Clostridium subterminak</i>	1
12305	<i>Cucumber mosaic virus</i>	1
273075	<i>Thermoplasma acidophi</i>	1
76275	<i>Rhodococcus sp. R312</i>	1
10683	<i>Bacillus phage PBS1</i>	1
392809	<i>Influenza A virus (A/Vict</i>	1
2108	<i>Mycoplasma sp.</i>	1
31234	<i>Caenorhabditis remanei</i>	1
515	W	1
103929	<i>Rabies virus strain Past</i>	1
33950	<i>Thermoanaerobacterium</i>	1
7957	<i>Carassius auratus</i>	1
134821	<i>Ureaplasma parvum</i>	1
3619	<i>Rumex obtusifolius</i>	1
3693	<i>Populus tremuloides</i>	1

original

37762 <i>Escherichia coli</i> B	1
9347 <i>Eutheria</i>	1
192168 <i>Arthrobacter</i> sp. C2-2	1
45332 <i>Prevotella</i> phage phi AF	1
11988 <i>Turnip crinkle virus</i>	1
4920 <i>Pichia farinosa</i>	1
301887 <i>Echinophyllia</i> sp. SC22	1
79679 <i>Thermococcus</i> sp. KS-1	1
10726 <i>Enterobacteria</i> phage T4	1
92652 <i>Shrimp white spot syndr</i>	1
31768 <i>Hepatitis E virus</i> (strain 1	1
117138 <i>Brome streak virus</i> (stra.	1
3053 IN	1
35170 <i>Corallina officinalis</i>	1
163653 IN	1
11733 <i>Simian immunodeficienc</i>	1
196914 <i>Actinoplanes friuliensis</i>	1
4232 <i>Helianthus annuus</i>	1
228330 <i>SARS coronavirus Urba</i>	1
61172 <i>Laguna Negra virus</i>	1
1496 <i>Clostridium difficile</i>	1
10383 <i>Herpesvirus saimiri</i> (stra	1
269446 <i>Rous sarcoma virus</i> (str.	1
72539 <i>Physalis mottle virus</i>	1
13818 <i>Adiantum capillus-vener</i>	1
276 <i>Thermus filiformis</i>	1
1938 <i>Streptomyces viridochro</i>	1
29549 <i>Rhodothermus marinus</i>	1
442 <i>Gluconobacter oxydans</i>	1
6772 <i>Celuca pugilator</i>	1
99565 <i>Chiba virus</i>	1
7460 <i>Apis mellifera</i>	1
129555 <i>Amphitrite ornata</i>	1
3625 <i>Actinidia chinensis</i>	1
37122 <i>Human papillomavirus ty</i>	1
11636 <i>Reticuloendotheliosis vir</i>	1
182271 <i>Pterocarpus angolensis</i>	1
11878 <i>Avian sarcoma virus CT</i>	1

original

4641	<i>Musa acuminata</i>	1
5319	<i>Irpex lacteus</i>	1
65553	<i>Sulfurospirillum deleyianum</i>	1
12315	<i>Tomato aspermy virus</i>	1
10533	<i>Human adenovirus 1</i>	1
280048	<i>Copaifera langsdorffii</i>	1
76306	<i>Mimosa pudica</i>	1
31285	<i>Trypanosoma brucei gambiense</i>	1
10924	IN	1
7070	<i>Tribolium castaneum</i>	1
2337	<i>Thermotoga neapolitana</i>	1
33953	<i>Clostridium aminobutyricum</i>	1
668	<i>Vibrio fischeri</i>	1
11122	<i>Avian infectious bronchitis virus</i>	1
7962	<i>Cyprinus carpio</i>	1
137208	IN	1
37919	<i>Rhodococcus opacus</i>	1
9430	<i>Desmodus rotundus</i>	1
192222	<i>Campylobacter jejuni subsp. jejuni</i>	1
12009	IN	1
260674	<i>Citrullus lanatus subsp. lanatus</i>	1
306263	<i>Campylobacter lari RM2</i>	1
79930	<i>Methanothermobacter thermautotrophicus</i>	1
361	<i>Agrobacterium sp.</i>	1
117911	<i>Shewanella sp. SIB1</i>	1
35304	<i>Bunyamwera virus</i>	1
11480	IN	1
167644	<i>Llyobacter tartaricus</i>	1
40001	<i>Cellulomonas sp.</i>	1
4265	<i>Cynara cardunculus</i>	1
1388	<i>Alicyclobacillus acidocaldarius</i>	1
5079	<i>Penicillium janthinellum</i>	1
61861	<i>Canavalia brasiliensis</i>	1
271108	<i>Bombyx mori NPV</i>	1
6282	<i>Onchocerca volvulus</i>	1
1950	<i>Streptomyces peucetius</i>	1
29760	<i>Vitis vinifera</i>	1
471	<i>Acinetobacter calcoaceticus</i>	1

original

10863	<i>Enterobacteria phage f1</i>	1
99571	<i>Dioclea guianensis</i>	1
2277	<i>Pyrobaculum islandicum</i>	1
3496	<i>Maclura pomifera</i>	1
35933	<i>Podophyllum peltatum</i>	1
37133	<i>Tula virus</i>	1
940	<i>Hydrogenobacter thermophilus</i>	1
184922	<i>Giardia lamblia</i> ATCC 50559	1
3911	<i>Vicia villosa</i>	1
1288	<i>Staphylococcus xylosum</i>	1
9798	<i>Equus przewalskii</i>	1
4670	<i>Galanthus nivalis</i>	1
12118	<i>Foot-and-mouth disease virus</i>	1
10301	<i>Herpes simplex virus (type 1)</i>	1
5322	<i>Pleurotus ostreatus</i>	1
65699	<i>Neisseria meningitidis</i> serotype 4	1
68	<i>Lysobacter</i>	1
282458	<i>Staphylococcus aureus</i> strain 80	1
76854	<i>Shewanella massilia</i>	1
6431	<i>Urechis caupo</i>	1
88764	<i>Conus episcopatus</i>	1
2130	<i>Ureaplasma urealyticum</i>	1
10927	<i>Bovine rotavirus</i>	1
105402	<i>Zoanthus</i> sp.	1
2378	<i>Sporomusa ovata</i>	1
34007	<i>Paracoccus versutus</i>	1
11128	<i>Bovine coronavirus</i>	1
7998	<i>Ictalurus punctatus</i>	1
140437	<i>Streptomyces</i> sp. R1128	1
8400	<i>Rana catesbeiana</i>	1
157732	<i>Rhodococcus</i> sp. NCIM 1152	1
38437	IN	1
192387	<i>Alicyclobacillus sendaiensis</i>	1
45596	<i>Candida tenuis</i>	1
12017	<i>Enterobacteria phage fr</i>	1
1434	<i>Bacillus thuringiensis</i> serotype 1	1
12149	<i>Belladonna mottle virus</i>	1
261594	<i>Bacillus anthracis</i> str. 'Ames'	1

original

5539	<i>Scytalidium lignicola</i>	1
10593	<i>Human papillomavirus ty</i>	1
6118	<i>Entacmaea quadricolor</i>	1
6561	<i>Scapharca inaequalvis</i>	1
92829	<i>Xanthomonas axonopoc</i>	1
563	<i>Escherichia blattae</i>	1
118562	<i>Arthrospira platensis</i>	1
3088	<i>Scenedesmus obliquus</i>	1
35345	<i>Lactococcus phage TP9</i>	1
781	<i>Rickettsia conorii</i>	1
8708	IN	1
167804	<i>Dipsochelys dussumieri</i>	1
40051	<i>Bluetongue virus</i>	1
11742	<i>Visna lentivirus (strain 1.</i>	1
228410	<i>Nitrosomonas europaea</i>	1
5699	<i>Trypanosoma vivax</i>	1
73044	<i>Streptomyces seoulensi.</i>	1
1760	<i>Actinobacteria (class)</i>	1
18101	<i>Gerbera hybrid cultivar</i>	1
6334	<i>Trichinella spiralis</i>	1
29910	<i>Tolypocladium inflatum</i>	1
476	<i>Moraxella bovis</i>	1
6853	<i>Tachypleus tridentatus</i>	1
100226	<i>Streptomyces coelicolor</i>	1
3501	<i>Urtica dioica</i>	1
35936	<i>Lablab purpureus</i>	1
3654	<i>Citrullus lanatus</i>	1
964	<i>Herbaspirillum seropedic</i>	1
185447	<i>Parkia platycephala</i>	1
3914	<i>Vigna angularis</i>	1
212017	<i>Lethocerus indicus</i>	1
4679	<i>Allium cepa</i>	1
51350	<i>Brassica rapa subsp. rap</i>	1
10304	<i>Herpes simplex virus (ty</i>	1
66188	<i>Micropechis ikaheka</i>	1
5827	<i>Plasmodium cynomolgi</i>	1
76935	<i>Bacillus agaradhaerens</i>	1
28503	<i>Sambucus ebulus</i>	1

original

322	<i>Pseudomonas syringae</i>	1
10690	<i>Haemophilus phage HP</i>	1
435895	<i>Human herpesvirus 8 ty</i>	1
31552	<i>Human papillomavirus tj</i>	1
10969	<i>Rhesus rotavirus</i>	1
108619	<i>Salmonella enterica sub</i>	1
2465	<i>Plasmid F</i>	1
34028	<i>Comamonas sp.</i>	1
142803	<i>Rice dwarf virus (isolate</i>	1
8403	<i>Rana perezi</i>	1
38577	<i>Bufo arenarum</i>	1
192952	<i>Methanosarcina mazei C</i>	1
12018	<i>Enterobacteria phage G.</i>	1
55810	<i>Bulinus truncatus</i>	1
1445	<i>Bacillus alcalophilus</i>	1
5541	<i>Thermomyces lanuginos</i>	1
12814	<i>Respiratory syncytial vir</i>	1
228	<i>Pseudoalteromonas hak</i>	1
10598	<i>Human papillomavirus tj</i>	1
315277	<i>Chlamydia trachomatis /</i>	1
80866	<i>Delftia acidovorans</i>	1
29309	<i>Streptomyces verticillus</i>	1
7168	<i>Anopheles dirus</i>	1
118974	<i>Stromatopelma griseipe</i>	1
3120	<i>Ulva pertusa</i>	1
35621	<i>Streptomyces mobaraer</i>	1
813	<i>Chlamydia trachomatis</i>	1
8714	<i>Gloydus halys</i>	1
168807	<i>Escherichia coli O127:H</i>	1
11788	<i>Abelson murine leukemia</i>	1
198215	<i>Shigella flexneri 2a str. 2</i>	1
47935	<i>Mouse polyomavirus (sti</i>	1
229992	<i>SARS coronavirus Franl</i>	1
63330	<i>Hendra virus</i>	1
12260	<i>Bean pod mottle virus</i>	1
10450	<i>Orgyia pseudotsugata si</i>	1
73147	<i>Oat sterile dwarf virus</i>	1
1763	<i>Mycobacterium</i>	1

original

28039	<i>Lactobacillus leichmanni</i>	1
6339	<i>Heligmosomoides polygyrus</i>	1
1963	<i>Streptomyces olivochrois</i>	1
30076	<i>Triatoma infestans</i>	1
10870	<i>Enterobacteria phage M</i>	1
6884	<i>Leirus quinquestriatus</i>	1
33178	<i>Aspergillus terreus</i>	1
11090	<i>Yellow fever virus 17D</i>	1
7723	<i>Polyandrocarpa misakie</i>	1
129951	<i>Human adenovirus C</i>	1
11666	<i>Equine infectious anemia virus</i>	1
43306	<i>Pseudomonas denitrificans</i>	1
213804	<i>Janthinobacterium sp. J</i>	1
10308	<i>Herpes simplex virus (type 1)</i>	1
243277	<i>Vibrio cholerae O1 biovar cholerae</i>	1
5346	<i>Coprinopsis cinerea</i>	1
66431	<i>Streptomyces thioluteus</i>	1
1583	<i>Weissella confusa</i>	1
12391	IN	1
84	<i>Hyphomicrobium methylotrophicum</i>	1
28572	<i>Penicillium funiculosum</i>	1
10703	<i>Corynephage beta</i>	1
437607	<i>Influenza A virus (A/hvP)</i>	1
536	<i>Chromobacterium violaceum</i>	1
2489	<i>Plasmid R483</i>	1
34078	<i>Scytonema hofmanni</i>	1
672	<i>Vibrio vulnificus</i>	1
144185	<i>Leifsonia aquatica</i>	1
38868	<i>Salvia officinalis</i>	1
11700	IN	1
9523	<i>Callicebus moloch</i>	1
4092	<i>Nicotiana plumbaginifolia</i>	1
45916	<i>Nostoc ellipsosporum</i>	1
1334	<i>Streptococcus dysgalactiae</i>	1
224914	<i>Brucella melitensis 16M</i>	1
4934	<i>Lachancea kluyveri</i>	1
1449	<i>Amphibacillus xylanus</i>	1
262724	<i>Thermus thermophilus</i>	1

original

5547 <i>Trichoderma viride</i>	1
70174 IN	1
12879 IN	1
1914 <i>Streptomyces lavendula</i>	1
29323 <i>Thermoanaerobacter br</i>	1
10761 <i>Enterobacteria phage Si</i>	1
6644 IN	1
93061 <i>Staphylococcus aureus</i> .	1
2243 <i>Halobacterium sp.</i>	1
32044 <i>Pseudomonas mevaloni</i>	1
11066 <i>Dengue virus 2 Puerto F</i>	1
3316 <i>Thuja plicata</i>	1
35631 <i>Conus imperialis</i>	1
887 IN	1
40245 <i>Cucumaria echinata</i>	1
1172 <i>Anabaena variabilis</i>	1
11791 <i>AKR (endogenous) muri</i>	1
9634 <i>Helarctos malayanus</i>	1
47969 <i>Oreochromis aureus</i>	1
230105 <i>Methylophaga aminisulfi</i>	1
1511 <i>Clostridium sticklandii</i>	1
12264 <i>Cowpea mosaic virus</i>	1
10497 <i>African swine fever virus</i>	1
28068 <i>Rubrivivax gelatinosus</i>	1
6352 IN	1
2017 <i>Streptoalloteichus hindu</i>	1
101510 <i>Rhodococcus jostii RHA</i>	1
33703 <i>Suid herpesvirus 1 strair</i>	1
11091 IN	1
7748 <i>Lampetra fluviatilis</i>	1
130081 <i>Galdieria sulphuraria</i>	1
37487 <i>Marichromatium purpure</i>	1
11670 <i>Equine infectious anemi</i>	1
8932 <i>Columba livia</i>	1
186538 <i>Zaire ebolavirus</i>	1
43759 <i>Streptomyces wedmorei</i>	1
1302 <i>Streptococcus gordonii</i>	1
11888 <i>Rous sarcoma virus - Pr</i>	1

original

214092	<i>Yersinia pestis</i> CO92	1
52853	<i>Silene latifolia</i> subsp. <i>all</i>	1
243365	<i>Chromobacterium violac</i>	1
5353	<i>Lentinula edodes</i>	1
66690	W	1
1584	<i>Lactobacillus delbruecki</i>	1
5850	<i>Plasmodium knowlesi</i>	1
77763	Banna virus	1
1883	<i>Streptomyces</i>	1
28737	<i>Elephantulus edwardii</i>	1
329	<i>Ralstonia pickettii</i>	1
511145	<i>Escherichia coli</i> str. K-12	1
90370	<i>Salmonella enterica</i> sub	1
2186	<i>Methanothermococcus t</i>	1
31645	Hepatitis C virus (isolate	1
34381	<i>Aspergillus japonicus</i>	1
674	<i>Vibrio mimicus</i>	1
160268	<i>Clonostachys</i>	1
38945	<i>Flammulina velutipes</i>	1
45920	<i>Araneus diadematus</i>	1
4952	<i>Yarrowia lipolytica</i>	1
56812	<i>Shewanella frigidimarina</i>	1
1467	<i>Bacillus lentus</i>	1
10368	Human herpesvirus 6	1
5554	<i>Trichosporon cutaneum</i>	1
1669	<i>Arthrobacter</i> sp. NRRL 1	1
6185	<i>Schistosoma haematobi</i>	1
81841	<i>Pseudomonas</i> sp. 130	1
29342	<i>Clostridium botulinum</i> D	1
6689	<i>Litopenaeus vannamei</i>	1
93934	<i>Coturnix japonica</i>	1
2246	<i>Haloferax volcanii</i>	1
584	<i>Proteus mirabilis</i>	1
11069	Dengue virus 3	1
7225	<i>Scaptodrosophila leban</i>	1
35670	<i>Naja naja</i>	1
11525	Influenza B virus (STRA	1
8722	<i>Bothrops asper</i>	1

original

3873	<i>Lupinus luteus</i>	1
40324	<i>Stenotrophomonas malt</i>	1
1188	<i>Tolypothrix sp. PCC 760</i>	1
9667	W	1
47982	<i>Plexaura homomalla</i>	1
230624	<i>Trametes ochracea</i>	1
63559	<i>Penicillium amagasakien</i>	1
1512	<i>Clostridium symbiosum</i>	1
272626	<i>Listeria innocua Clp112</i>	1
73475	<i>Chicken anemia virus Cl</i>	1
28081	<i>Bordetella sp.</i>	1
10668	W	1
367830	<i>Staphylococcus aureus .</i>	1
85232	<i>Morus nigra</i>	1
2021	<i>Thermobifida fusca</i>	1
30308	<i>Ichthyomyzon unicuspis</i>	1
102203	<i>Favia fava</i>	1
11099	<i>Bovine viral diarrhea viru</i>	1
36377	W	1
37501	<i>Maackia amurensis</i>	1
9030	<i>Gallus</i>	1
9844	<i>Lama glama</i>	1
216371	<i>Penicillium stoloniferum</i>	1
4839	<i>Rhizomucor miehei</i>	1
52861	<i>Tabernaemontana divar.</i>	1
1411	<i>Bacillus akibai</i>	1
66691	W	1
1585	<i>Lactobacillus delbruecki.</i>	1
12538	<i>Mokola virus</i>	1
10571	<i>Bovine papillomavirus</i>	1
293055	<i>Influenza A virus (A/mal</i>	1
78245	<i>Xanthobacter autotrophi</i>	1
10711	<i>Enterobacteria phage P:</i>	1
542959	<i>BPP-1-like phages</i>	1
6454	<i>Haliotis rufescens</i>	1
544	<i>Citrobacter</i>	1
11008	<i>Saccharomyces cerevisi</i>	1
7116	<i>Pieris brassicae</i>	1

original

34413	<i>Humicola insolens</i>	1
677	W	1
160488	<i>Pseudomonas putida</i> K1	1
3750	<i>Malus x domestica</i>	1
39152	<i>Methanococcus maripal</i>	1
5053	<i>Aspergillus aculeatus</i>	1
58217	<i>Loxosceles laeta</i>	1
10369	Human herpesvirus 6 (s	1
265872	Cowpox virus (Brighton .	1
1679	<i>Bifidobacterium longum</i>	1
13249	<i>Rhodnius prolixus</i>	1
82300	Adeno-associated virus	1
1921	<i>Streptomyces olivaceovi</i>	1
29388	<i>Staphylococcus capitis</i>	1
95649	<i>Bothrops neuwiedi paulk</i>	1
32049	<i>Synechococcus sp. PCC</i>	1
119856	<i>Francisella tularensis su</i>	1
3349	<i>Pinus sylvestris</i>	1
35688	<i>Porphyridium purpureun</i>	1
837	<i>Porphyromonas gingival</i>	1
11277	Vesicular stomatitis Indi	1
11531	Influenza B virus (STRA	1
175771	<i>Heteractis crispa</i>	1
4550	<i>Secale cereale</i>	1
5207	<i>Filobasidiella neoformar</i>	1
64091	<i>Halobacterium sp. NRC-</i>	1
12287	Flock house virus	1
5741	<i>Giardia intestinalis</i>	1
28278	Human adenovirus 19	1
10677	Enterobacteria phage M	1
381517	Influenza A virus (A/Udc	1
6396	<i>Eisenia fetida</i>	1
85698	<i>Achromobacter xylosoxi</i>	1
491	<i>Neisseria meningitidis s</i>	1
6956	<i>Dermatophagoides pterc</i>	1
33806	W	1
7786	Torpedo	1
130309	Human adenovirus F	1

original

3559	<i>Chenopodium album</i>	1
3983	<i>Manihot esculenta</i>	1
44270	<i>Leishmania mexicana m</i>	1
52969	<i>Ascophyllum nodosum</i>	1
10324	<i>Bovine herpesvirus type</i>	1
67723	<i>Amanita phalloides</i>	1
12541	<i>Nudaurelia capensis om</i>	1
298334	<i>Simian adenovirus A</i>	1
78447	<i>Corallina pilulifera</i>	1
1890	<i>Streptomyces antibioticu</i>	1
28896	<i>Thermoanaerobacterium</i>	1
6456	<i>Haliotis fulgens</i>	1
90973	<i>Bacillus sp. TA2.A1</i>	1
7119	<i>Antheraea pernyi</i>	1
113192	<i>Bothrops pirajai</i>	1
2771	<i>Cyanidium caldarium</i>	1
34631	<i>Rhipicephalus appendic</i>	1
686	<i>Vibrio cholerae O1 biova</i>	1
11195	<i>Sendai virus (strain Fusi</i>	1
8644	<i>Naja mossambica</i>	1
160490	<i>Streptococcus pyogenes</i>	1
3816	<i>Abrus precatorius</i>	1
39300	<i>Ectatomma tuberculatur</i>	1
11708	<i>Human immunodeficien</i>	1
196118	<i>Methanocaldococcus</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
1479	<i>Bacillus smithii</i>	1
12222	<i>Soybean mosaic virus</i>	1
10370	<i>Human herpesvirus 6 (s</i>	1
70821	<i>Desmodium yellow mott.</i>	1
1680	<i>Bifidobacterium adolesc</i>	1
13616	<i>Monodelphis domestica</i>	1
6206	<i>Taenia saginata</i>	1
1924	<i>Streptomyces purpurasc</i>	1
29390	<i>Streptococcus gordonii s</i>	1

original

10829	<i>Squash leaf curl virus</i>	1
6706	<i>Homarus americanus</i>	1
96471	<i>Bacillus sp. YM55-1</i>	1
2260	<i>Pyrococcus</i>	1
587	<i>Providencia rettgeri</i>	1
7237	<i>Drosophila pseudoobscura</i>	1
3352	<i>Pinus taeda</i>	1
35703	<i>Citrobacter amalonaticus</i>	1
11280	<i>Vesicular stomatitis New</i>	1