

Sheet1

NCBI tax Name	Number of interactions
4932 <i>Saccharomyces cerevisiae</i>	115570
9606 <i>Homo sapiens</i>	103700
7227 <i>Drosophila melanogaster</i>	46240
40674 Mammalia	35023
197 <i>Campylobacter jejuni</i>	11998
6239 <i>Caenorhabditis elegans</i>	11793
284812 <i>Schizosaccharomyces pombe</i> 972h-	11556
10090 <i>Mus musculus</i>	9964
562 <i>Escherichia coli</i>	8512
3702 <i>Arabidopsis thaliana</i>	5348
160 <i>Treponema pallidum</i>	3646
83333 <i>Escherichia coli</i> K-12	3490
10116 <i>Rattus norvegicus</i>	3477
1142 <i>Synechocystis</i>	3057
36329 <i>Plasmodium falciparum</i> 3D7	2731
-8 \N	1919
85962 <i>Helicobacter pylori</i> 26695	1599
11676 Human immunodeficiency virus 1	1313
9913 <i>Bos taurus</i>	808
4896 <i>Schizosaccharomyces pombe</i>	653
32630 synthetic construct	560
4530 <i>Oryza sativa</i>	498
0 \N	472
1148 <i>Synechocystis</i> sp. PCC 6803	451
246197 <i>Myxococcus xanthus</i> DK 1622	377
272951 <i>Rickettsia sibirica</i> 246	284
9031 <i>Gallus gallus</i>	277
8355 <i>Xenopus laevis</i>	250
274 <i>Thermus thermophilus</i>	227
39947 <i>Oryza sativa</i> Japonica Group	222
1423 <i>Bacillus subtilis</i>	209
170187 <i>Streptococcus pneumoniae</i> TIGR4	155
9986 <i>Oryctolagus cuniculus</i>	140
9823 <i>Sus scrofa</i>	140
2336 <i>Thermotoga maritima</i>	131
-2 \N	124
602 \N	117
11103 Hepatitis C virus	113
1773 <i>Mycobacterium tuberculosis</i>	112

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287 <i>Pseudomonas aeruginosa</i>	95
44689 <i>Dictyostelium discoideum</i>	95
4102 <i>Petunia x hybrida</i>	89
10070 <i>Akodon aerosus</i>	89
146786 <i>Thermosynechococcus elongatus</i>	86
3562 <i>Spinacia oleracea</i>	76
1422 <i>Geobacillus stearothermophilus</i>	74
7955 <i>Danio rerio</i>	70
1280 <i>Staphylococcus aureus</i>	67
3888 <i>Pisum sativum</i>	64
1063 <i>Rhodobacter sphaeroides</i>	60
303 <i>Pseudomonas putida</i>	59
4565 <i>Triticum aestivum</i>	58
727 <i>Haemophilus influenzae</i>	57
10245 <i>Vaccinia virus</i>	55
3055 <i>Chlamydomonas reinhardtii</i>	52
190486 <i>Xanthomonas axonopodis</i> pv. <i>citri</i> str. 306	51
11320 <i>Influenza A virus</i>	50
2261 <i>Pyrococcus furiosus</i>	50
623 <i>Shigella flexneri</i>	48
5691 <i>Trypanosoma brucei</i>	45
4113 <i>Solanum tuberosum</i>	44
4577 <i>Zea mays</i>	44
32046 <i>Synechococcus elongatus</i>	43
53953 <i>Pyrococcus horikoshii</i>	42
266 <i>Paracoccus denitrificans</i>	42
4081 <i>Solanum lycopersicum</i>	41
271 <i>Thermus aquaticus</i>	41
2190 <i>Methanocaldococcus jannaschii</i>	41
2234 <i>Archaeoglobus fulgidus</i>	40
6421 <i>Hirudo medicinalis</i>	39
210 <i>Helicobacter pylori</i>	39
2238 <i>Haloarcula marismortui</i>	38
358 <i>Agrobacterium tumefaciens</i>	38
10376 <i>Human herpesvirus 4</i>	38
11908 <i>Human T-lymphotropic virus 1</i>	36
4513 <i>Hordeum vulgare</i>	35
2287 <i>Sulfolobus solfataricus</i>	35
10760 <i>Enterobacteria phage T7</i>	35
5833 <i>Plasmodium falciparum</i>	34

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145262 Methanothermobacter thermautotrophicus	34
4097 Nicotiana tabacum	34
63363 Aquifex aeolicus	34
9615 Canis lupus familiaris	33
243274 Thermotoga maritima MSB8	33
1895 Streptomyces avidinii	32
10665 Enterobacteria phage T4	32
10633 Simian virus 40	32
31647 Hepatitis C virus subtype 1b	31
10298 Human herpesvirus 1	30
9534 Chlorocebus aethiops	30
1390 Bacillus amyloliquefaciens	30
187420 Methanothermobacter thermautotrophicus str. Delta H	30
1140 Synechococcus elongatus PCC 7942	29
-1 \N	29
666 Vibrio cholerae	29
1392 Bacillus anthracis	29
10254 Vaccinia virus WR	29
10407 Hepatitis B virus	28
9103 Meleagris gallopavo	27
208964 Pseudomonas aeruginosa PAO1	26
1313 Streptococcus pneumoniae	26
1314 Streptococcus pyogenes	26
11309 unidentified influenza virus	25
573 Klebsiella pneumoniae	25
10515 Human adenovirus 2	24
360111 Campylobacter jejuni subsp. jejuni CF93-6	24
354242 Campylobacter jejuni subsp. jejuni 81-176	23
83541 Mastigocladus laminosus	23
1911 Streptomyces griseus	22
1299 Deinococcus radiodurans	22
37296 Human herpesvirus 8	22
5116 Cryphonectria parasitica	21
83332 Mycobacterium tuberculosis H37Rv	21
10029 Cricetulus griseus	21
354 Azotobacter vinelandii	21
155892 Caulobacter vibrioides	21
1061 Rhodobacter capsulatus	20
28285 Human adenovirus 5	20
10710 Enterobacteria phage lambda	20

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176299 <i>Agrobacterium tumefaciens</i> str. C58	20
11886 Rous sarcoma virus	20
333760 Human papillomavirus type 16	19
12110 Foot-and-mouth disease virus	19
300852 <i>Thermus thermophilus</i> HB8	19
306 <i>Pseudomonas</i> sp.	19
2303 <i>Thermoplasma acidophilum</i>	19
85963 <i>Helicobacter pylori</i> J99	19
12133 \N	19
1351 <i>Enterococcus faecalis</i>	17
28451 <i>Klebsiella aerogenes</i>	17
632 <i>Yersinia pestis</i>	16
10117 <i>Rattus rattus</i>	16
9796 <i>Equus caballus</i>	16
615 <i>Serratia marcescens</i>	16
520 <i>Bordetella pertussis</i>	16
56636 <i>Aeropyrum pernix</i>	16
70601 <i>Pyrococcus horikoshii</i> OT3	16
556 <i>Erwinia chrysanthemi</i>	15
9838 <i>Camelus dromedarius</i>	15
4151 <i>Antirrhinum majus</i>	15
99287 <i>Salmonella enterica</i> subsp. <i>enterica</i> serovar <i>Typhimurium</i> str. LT2	14
283166 <i>Bartonella henselae</i> str. Houston-1	14
1491 <i>Clostridium botulinum</i>	14
3858 <i>Lathyrus ochrus</i>	14
1902 <i>Streptomyces coelicolor</i>	14
1358 <i>Lactococcus lactis</i>	14
5476 <i>Candida albicans</i>	14
12721 Human immunodeficiency virus	14
1502 <i>Clostridium perfringens</i>	14
360110 <i>Campylobacter jejuni</i> subsp. <i>jejuni</i> 84-25	14
1393 <i>Brevibacillus brevis</i>	14
10377 Human herpesvirus 4 (strain B95-8)	14
9598 <i>Pan troglodytes</i>	14
5693 <i>Trypanosoma cruzi</i>	14
7787 <i>Torpedo californica</i>	13
227859 SARS coronavirus	13
13773 <i>Pyrobaculum aerophilum</i>	13
11234 Measles virus	13
1079 <i>Blastochloris viridis</i>	13

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197221 Thermosynechococcus elongatus BP-1	13
1085 Rhodospirillum rubrum	13
186497 Pyrococcus furiosus DSM 3638	13
10036 Mesocricetus auratus	13
12130 Human rhinovirus 2	13
11276 Vesicular stomatitis virus	13
32644 unidentified	13
12215 Potato virus A	13
3847 Glycine max	12
294 Pseudomonas fluorescens	12
11623 Lymphocytic choriomeningitis virus	12
11709 Human immunodeficiency virus 2	12
8616 Bungarus multicinctus	12
11084 Tick-borne encephalitis virus	12
10754 Enterobacteria phage P22	12
11060 Dengue virus 2	12
11723 Simian immunodeficiency virus	12
3823 Canavalia ensiformis	12
31199 Argopecten irradians	12
1396 Bacillus cereus	11
3489 Artocarpus heterophyllus	11
10299 Herpes simplex virus (type 1 / strain 17)	11
139 Borrelia burgdorferi	11
5141 Neurospora crassa	11
414 Methylococcus capsulatus	11
9940 Ovis aries	11
511 Alcaligenes faecalis	11
1639 Listeria monocytogenes	11
10678 Enterobacteria phage P1	11
1916 Streptomyces lividans	11
1515 Clostridium thermocellum	11
630 Yersinia enterocolitica	11
7757 Petromyzon marinus	11
323 Pseudomonas syringae pv. tomato	10
633 Yersinia pseudotuberculosis	10
10581 \N	10
11475 \N	10
1833 Rhodococcus erythropolis	10
224308 Bacillus subtilis subsp. subtilis str. 168	10
32053 Thermosynechococcus vulcanus	10

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11108 Hepatitis C virus (isolate H)	10
601 \N	10
243233 Methylococcus capsulatus str. Bath	10
12075 Swine vesicular disease virus	10
5811 Toxoplasma gondii	10
12081 Human poliovirus 1 Mahoney	10
190386 Agrobacterium tumefaciens (strain 15955)	9
28282 Human adenovirus 12	9
11191 Sendai virus	9
844 Wolinella succinogenes	9
1901 Streptomyces clavuligerus	9
12637 Dengue virus	9
83334 Escherichia coli O157:H7	9
11105 Hepatitis C virus (isolate BK)	9
1427 Bacillus thermoproteolyticus	9
5664 Leishmania major	9
224325 Archaeoglobus fulgidus DSM 4304	9
73239 Plasmodium yoelii yoelii	9
7091 Bombyx mori	9
1168 Nostoc sp. PCC 7119	9
7224 Drosophila hydei	9
4922 Pichia pastoris	9
2208 Methanosarcina barkeri	9
8656 Naja atra	8
12088 Poliovirus type 3 (strains P3/LEON/37 AND P3/LEON 12A[1]B)	8
238 Elizabethkingia meningoseptica	8
10359 Human herpesvirus 5	8
510 \N	8
1260 Finegoldia magna	8
10891 Reovirus sp.	8
6398 Lumbricus terrestris	8
10847 Enterobacteria phage phiX174	8
4558 Sorghum bicolor	8
317 Pseudomonas syringae	8
2320 Methanopyrus kandleri	8
97228 Daboia russellii pulchella	8
6621 Loligo pealei	8
69 Lysobacter enzymogenes	7
227321 Aspergillus nidulans FGSC A4	7
1352 Enterococcus faecium	7

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585 Proteus vulgaris	7
36409 Rinderpest virus (strain RBOK)	7
3649 Carica papaya	7
7788 Torpedo marmorata	7
296 Pseudomonas fragi	7
5558 \N	7
158 Treponema denticola	7
132504 Influenza A virus (A/X-31(H3N2))	7
5911 Tetrahymena thermophila	7
6500 Aplysia californica	7
7153 Chironomus tentans	7
12069 Human coxsackievirus A21	7
1404 Bacillus megaterium	7
8846 Anser indicus	7
9825 Sus scrofa domestica	7
881 Desulfovibrio vulgaris	7
669 Vibrio harveyi	7
10684 Bacillus phage PBS2	7
12208 Pea seed-borne mosaic virus	7
10756 Bacillus phage phi29	7
285 Comamonas testosteroni	7
11599 Hantaan virus	7
11901 Bovine leukemia virus	7
333284 Hepatitis C virus (isolate Con1)	6
485 Neisseria gonorrhoeae	6
12084 Poliovirus type 2 (strain Lansing)	6
10658 Enterobacteria phage PRD1	6
5702 Trypanosoma brucei brucei	6
487 Neisseria meningitidis	6
44130 Human rhinovirus 3	6
333761 Human papillomavirus type 18	6
1525 Moorella thermoacetica	6
12064 Bovine enterovirus	6
10804 Adeno-associated virus - 2	6
3708 Brassica napus	6
10884 Mammalian orthoreovirus 1 Lang	6
408 Methylobacterium extorquens	6
10360 Human herpesvirus 5 strain AD169	6
46633 Human echovirus 1	6
8839 Anas platyrhynchos	6

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12067 Human coxsackievirus A9	6
3972 <i>Viscum album</i>	6
5656 <i>Crithidia fasciculata</i>	6
550 <i>Enterobacter cloacae</i>	6
3712 <i>Brassica oleracea</i>	6
83374 <i>Galdieria partita</i>	6
1752 <i>Propionibacterium freudenreichii</i> subsp. <i>shermanii</i>	6
2285 <i>Sulfolobus acidocaldarius</i>	6
876 <i>Desulfovibrio desulfuricans</i>	6
1402 <i>Bacillus licheniformis</i>	6
2166 \N	6
2286 <i>Sulfolobus shibatae</i>	6
47421 <i>Hydrogenophaga pseudoflava</i>	6
111955 <i>Sulfolobus tokodaii</i>	6
421877 Hepatitis C virus isolate HC-J1	6
730 <i>Haemophilus ducreyi</i>	6
5791 <i>Physarum polycephalum</i>	6
879 <i>Desulfovibrio gigas</i>	6
3885 <i>Phaseolus vulgaris</i>	6
41529 <i>Salmonella enterica</i> subsp. <i>enterica</i> serovar <i>Typhisuis</i>	6
3988 <i>Ricinus communis</i>	6
1167 <i>Anabaena</i> sp.	6
12078 Human echovirus 11	6
2026 <i>Thermoactinomyces vulgaris</i>	6
42897 <i>Shigella flexneri</i> 2a	6
226185 <i>Enterococcus faecalis</i> V583	6
1049 <i>Allochromatium vinosum</i>	6
3457 <i>Dioscoreophyllum cumminsii</i>	6
8724 <i>Bothrops jararaca</i>	6
1131 <i>Synechococcus</i> sp.	6
7111 <i>Trichoplusia ni</i>	5
11678 Human immunodeficiency virus type 1 BH10	5
216593 \N	5
1306 <i>Streptococcus</i> sp.	5
115711 <i>Chlamydomyces pneumoniae</i> AR39	5
28901 <i>Salmonella enterica</i>	5
2265 <i>Thermococcus litoralis</i>	5
12134 Human rhinovirus 1A	5
86665 <i>Bacillus halodurans</i>	5
293 <i>Brevundimonas diminuta</i>	5

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905	<i>Acidaminococcus fermentans</i>	5
5722	<i>Trichomonas vaginalis</i>	5
10879	<i>Pseudomonas</i> phage phi6	5
11610	Seoul virus SR11	5
59405	<i>Thauera aromatica</i>	5
103944	<i>Protobothrops mucrosquamatus</i>	5
847	<i>Oxalobacter formigenes</i>	5
8766	\N	5
5855	<i>Plasmodium vivax</i>	5
1831	<i>Rhodococcus</i> sp.	5
11033	Semliki forest virus	5
1720	<i>Corynebacterium</i> sp.	5
1143	<i>Synechocystis</i> sp.	5
11698	Human immunodeficiency virus type 1 (NEW YORK-5 ISOLATE)	5
162425	<i>Emericella nidulans</i>	5
5482	<i>Candida tropicalis</i>	5
5061	<i>Aspergillus niger</i>	5
554	<i>Pectobacterium carotovorum</i>	5
1501	<i>Clostridium pasteurianum</i>	5
11113	Hepatitis C virus isolate HC-J6	5
211586	<i>Shewanella oneidensis</i> MR-1	5
878	<i>Desulfovibrio fructosovorans</i>	5
10243	Cowpox virus	5
360108	<i>Campylobacter jejuni</i> subsp. <i>jejuni</i> 260.94	5
1282	<i>Staphylococcus epidermidis</i>	5
10624	Polyomavirus	5
5665	<i>Leishmania mexicana</i>	5
11489	\N	5
55676	<i>Oligobranchia mashikoi</i>	5
1156	\N	5
112509	<i>Hordeum vulgare</i> subsp. <i>vulgare</i>	5
1866	<i>Actinoplanes missouriensis</i>	5
10626	Hamster polyomavirus	5
6253	<i>Ascaris suum</i>	5
12126	Theiler's encephalomyelitis virus (STRAIN DA)	5
622	<i>Shigella dysenteriae</i>	5
47881	<i>Pseudomonas pavonaceae</i>	5
69488	<i>Penicillium simplicissimum</i>	5
103690	<i>Nostoc</i> sp. PCC 7120	5
11673	Feline immunodeficiency virus	5

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31159	<i>Daboia russellii russellii</i>	5
129875	Human adenovirus A	5
571	<i>Klebsiella oxytoca</i>	5
1772	<i>Mycobacterium smegmatis</i>	5
195058	<i>Naja sagittifera</i>	5
1050	<i>Thermochromatium tepidum</i>	5
33067	<i>Pseudomonas</i> sp. 101	4
10991	Rice dwarf virus	4
144556	\N	4
2334	<i>Bacillus</i> sp. PS3	4
542	<i>Zymomonas mobilis</i>	4
226900	<i>Bacillus cereus</i> ATCC 14579	4
203119	<i>Clostridium thermocellum</i> ATCC 27405	4
8730	<i>Crotalus atrox</i>	4
12227	Tobacco etch virus	4
381666	<i>Ralstonia eutropha</i> H16	4
1590	<i>Lactobacillus plantarum</i>	4
6183	<i>Schistosoma mansoni</i>	4
12591	\N	4
28985	<i>Kluyveromyces lactis</i>	4
6945	<i>Ixodes scapularis</i>	4
46015	<i>Autographa californica</i> nucleopolyhedrovirus	4
88087	<i>Trimeresurus flavoviridis</i>	4
1309	<i>Streptococcus mutans</i>	4
1591	<i>Lactobacillus</i> sp.	4
546	<i>Citrobacter freundii</i>	4
1074	<i>Rhodoblastus acidophilus</i>	4
10506	<i>Paramecium bursaria</i> Chlorella virus 1	4
148305	<i>Magnaporthe grisea</i>	4
11696	HIV-1 M:B_MN	4
915	<i>Nitrosomonas europaea</i>	4
3916	<i>Vigna radiata</i> var. <i>radiata</i>	4
1311	<i>Streptococcus agalactiae</i>	4
10583	Human papillomavirus type 1a	4
8692	<i>Bitis arietans</i>	4
1076	<i>Rhodopseudomonas palustris</i>	4
272562	<i>Clostridium acetobutylicum</i> ATCC 824	4
3661	<i>Cucurbita maxima</i>	4
65404	<i>Polysiphonia urceolata</i>	4
12243	Tobacco mosaic virus (vulgare)	4

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1312 \N	4
6707 Homarus gammarus	4
2242 Halobacterium salinarum	4
11855 Mason-Pfizer monkey virus	4
29292 Pyrococcus abyssi	4
4843 Rhizopus microsporus var. chinensis	4
1836 Saccharopolyspora erythraea	4
4100 Nicotiana benthamiana	4
8022 Oncorhynchus mykiss	4
3879 Medicago sativa	4
1582 Lactobacillus casei	4
12072 Human coxsackievirus B3	4
1665 Arthrobacter globiformis	4
11082 West Nile virus	4
3329 Picea abies	4
12124 Theiler's encephalomyelitis virus	4
275 Thermus sp.	4
7067 Tenebrio molitor	4
8030 Salmo salar	4
10030 Cricetulus longicaudatus	4
10559 Bovine papillomavirus type 1	4
30591 Aotus azarai	4
11720 Human immunodeficiency virus type 2 (ISOLATE ROD)	4
3677 Trichosanthes kirilowii	4
10849 Enterobacteria phage alpha3	4
5507 Fusarium oxysporum	4
17 Methylophilus methylotrophus	4
8618 Dendroaspis angusticeps	4
1098 Prosthecochloris vibrioformis	4
13037 Danaus plexippus	4
6426 Riftia pachyptila	4
1409 Bacillus sp.	4
6108 Anemonia sulcata	4
10381 Saimiriine herpesvirus 2	4
36307 Deinagkistrodon acutus	4
40137 Oligotropha carboxidovorans	4
79257 Rhodomonas sp. CS24	4
1894 Streptomyces aureofaciens	4
2787 Porphyra purpurea	4
226186 Bacteroides thetaiotaomicron VPI-5482	4

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2262 Pyrococcus woesei	4
818 Bacteroides thetaiotaomicron	4
253435 SARS coronavirus PUMC03	3
3906 Vicia faba	3
10279 Molluscum contagiosum virus	3
1421 Lysinibacillus sphaericus	3
92520 \N	3
2209 Methanosarcina mazei	3
10872 Pseudomonas phage Pf3	3
2104 Mycoplasma pneumoniae	3
11685 HIV-1 M:B_ARV2/SF2	3
8212 \N	3
1197 Fremyella diplosiphon	3
1307 Streptococcus suis	3
10794 Minute virus of mice	3
2210 Methanosarcina thermophila	3
4084 Solanum pimpinellifolium	3
4498 Avena sativa	3
1488 Clostridium acetobutylicum	3
1717 Corynebacterium diphtheriae	3
3490 Artocarpus integer	3
8732 Crotalus durissus terrificus	3
9925 Capra hircus	3
4682 Allium sativum	3
13689 Sphingomonas paucimobilis	3
33708 Murid herpesvirus 4	3
8237 Thunnus thynnus	3
48465 Prosthecobacter dejongeii	3
257313 Bordetella pertussis Tohama I	3
10582 \N	3
92694 Rhodococcus sp. NCIMB12038	3
119072 Thermoanaerobacter tengcongensis	3
37554 Enterobacteria phage HK97	3
272558 Bacillus halodurans C-125	3
1354 Enterococcus hirae	3
5724 Tritrichomonas foetus	3
243230 Deinococcus radiodurans R1	3
345076 Vibrio cholerae V52	3
2111 Mycoplasma arthritidis	3
36436 Simian rotavirus A/SA11-4F	3

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11216 Human parainfluenza virus 3	3
1593 Lactobacillus sp. 30A	3
3711 Brassica rapa	3
71421 Haemophilus influenzae Rd KW20	3
1494 Clostridium cochlearium	3
35730 Trematomus newnesi	3
873 Desulfovibrio africanus	3
243232 Methanocaldococcus jannaschii DSM 2661	3
3864 Lens culinaris	3
12145 Tomato bushy stunt virus	3
89020 Mustelus griseus	3
5861 Plasmodium yoelii	3
11034 Sindbis virus	3
10585 Human papillomavirus type 31	3
93050 Echis multisquamatus	3
1905 Streptomyces exfoliatus	3
10366 Murid herpesvirus 1	3
100673 Influenza C virus (C/Johannesburg/1/66)	3
426 Methylosinus trichosporium	3
8843 Anser anser	3
10141 Cavia porcellus	3
15957 Phleum pratense	3
11241 Rinderpest virus	3
11706 HIV-1 M:B_HXB2R	3
12253 Tomato mosaic virus	3
12353 Enterobacteria phage RB69	3
173 Leptospira interrogans	3
10843 Enterobacteria phage G4	3
121791 Nipah virus	3
1083 Phaeosporidium molischianum	3
272943 Rhodobacter sphaeroides 2.4.1	3
68728 Chrysocyon brachyurus	3
72579 Bacillus sp. YM-1	3
133899 \N	3
35816 Pelobacter acidigallici	3
11665 Equine infectious anemia virus	3
5945 \N	3
6523 Lymnaea stagnalis	3
2180 Methanothermus fervidus	3
11246 Bovine respiratory syncytial virus	3

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2502 Plasmid RK2	3
12258 Comovirus	3
5062 Aspergillus oryzae	3
10923 Simian rotavirus A/SA11	3
6419 Hirudinaria manillensis	3
35889 Nicotiana glutinosa	3
1406 Paenibacillus polymyxa	3
316 Pseudomonas stutzeri	3
518 Bordetella bronchiseptica	3
11250 Human respiratory syncytial virus	3
9544 Macaca mulatta	3
1320 Streptococcus sp. 'group G'	3
10315 Human herpesvirus 2 strain HG52	3
1667 Arthrobacter sp.	3
3818 Arachis hypogaea	3
102746 Hieracium piloselloides	3
1765 Mycobacterium bovis	3
8053 Gadus callarias	3
62977 Acinetobacter sp. ADP1	3
12161 Beet yellows virus	3
10249 Vaccinia virus Copenhagen	3
6100 Aequorea victoria	3
11268 \N	3
42003 Griffithsia monilis	3
51453 Hypocrea jecorina	3
9597 Pan paniscus	3
263374 Bordetella phage BMP-1	3
12475 Hepatitis delta virus	3
5076 Penicillium chrysogenum	3
82367 Paracoccus pantotrophus	3
10632 JC polyomavirus	3
1769 Mycobacterium leprae	3
7102 Heliothis virescens	3
362651 Human immunodeficiency virus type 1 (isolate YU2)	3
10566 Human papillomavirus	3
34 Myxococcus xanthus	3
37137 Simian rotavirus A/SA11-both	3
2775 Gracilaria chilensis	3
10326 Equid herpesvirus 1	3
10864 Enterobacteria phage fd	3

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45659 Human adenovirus 3	3
817 Bacteroides fragilis	3
1108 Chloroflexus aurantiacus	3
73841 Vipera ammodytes meridionalis	3
1394 Bacillus caldolyticus	3
5821 Plasmodium berghei	3
103782 Pariacato virus	3
11149 Transmissible gastroenteritis virus	3
2327 Methylophilus methylotrophus W3A1	3
8167 Perca flavescens	3
1587 Lactobacillus helveticus	3
158879 Staphylococcus aureus subsp. aureus N315	3
4076 Datura stramonium	3
1474 Sporosarcina pasteurii	3
9874 Odocoileus virginianus	3
10384 Herpesvirus saimiri (strain 488)	2
5341 Agaricus bisporus	2
1520 Clostridium beijerinckii	2
6436 Themiste dyscritum	2
11176 Newcastle disease virus	2
8175 Sparus aurata	2
899 Desulfomicrobium baculatum	2
12042 Beet western yellows virus	2
12288 Nodamura virus	2
10580 Human papillomavirus type 11	2
6182 Schistosoma japonicum	2
83331 Mycobacterium tuberculosis CDC1551	2
1697 Corynebacterium ammoniagenes	2
32002 Achromobacter denitrificans	2
235 Brucella abortus	2
1931 Streptomyces sp.	2
382 Sinorhizobium meliloti	2
6938 Ornithodoros moubata	2
171101 Streptococcus pneumoniae R6	2
11604 Puumala virus	2
3843 Erythrina corallodendron	2
1139 \N	2
10995 Infectious bursal disease virus	2
6437 Themiste zostericola	2
217992 Escherichia coli O6	2

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48386	<i>Perilla frutescens</i>	2
12302	Brome mosaic virus	2
79676	<i>Pseudomonas</i> sp. CF600	2
3704	<i>Armoracia rusticana</i>	2
9675	<i>Paguma larvata</i>	2
272557	<i>Aeropyrum pernix</i> K1	2
5138	\N	2
130308	Human adenovirus E	2
394	<i>Rhizobium</i> sp. NGR234	2
2271	<i>Thermoproteus tenax</i>	2
12136	Cricket paralysis virus	2
1398	<i>Bacillus coagulans</i>	2
1829	<i>Rhodococcus rhodochrous</i>	2
6442	<i>Phascolopsis gouldii</i>	2
11207	Simian virus 5	2
40353	<i>Echis carinatus</i>	2
644	<i>Aeromonas hydrophila</i>	2
64574	<i>Radiomyces spectabilis</i>	2
1245	<i>Leuconostoc mesenteroides</i>	2
337	<i>Burkholderia glumae</i>	2
11070	Dengue virus 4	2
6703	<i>Pandalus borealis</i>	2
196620	<i>Staphylococcus aureus</i> subsp. <i>aureus</i> MW2	2
9685	<i>Felis catus</i>	2
4087	<i>Nicotiana glauca</i>	2
67825	<i>Citrobacter rodentium</i>	2
1718	<i>Corynebacterium glutamicum</i>	2
6359	<i>Platynereis dumerilii</i>	2
11983	Norwalk virus	2
4754	<i>Pneumocystis carinii</i>	2
5386	<i>Xerocomus chrysenteron</i>	2
7130	<i>Manduca sexta</i>	2
223283	<i>Pseudomonas syringae</i> pv. <i>tomato</i> str. DC3000	2
12066	Coxsackievirus	2
258594	<i>Rhodopseudomonas palustris</i> CGA009	2
28450	<i>Burkholderia pseudomallei</i>	2
6192	<i>Fasciola hepatica</i>	2
119602	<i>Streptococcus dysgalactiae</i> subsp. <i>equisimilis</i>	2
11072	Japanese encephalitis virus	2
715	<i>Actinobacillus pleuropneumoniae</i>	2

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11801 Moloney murine leukemia virus	2
227984 SARS coronavirus Tor2	2
12107 Mengo virus	2
67831 Rhipicephalus bursa	2
29170 Ancylostoma caninum	2
7004 Locusta migratoria	2
2280 Staphylothermus marinus	2
210007 Streptococcus mutans UA159	2
348776 Mycobacterium tuberculosis C	2
1553 Clostridium tetanomorphum	2
10712 Phage 434	2
8364 Xenopus (Silurana) tropicalis	2
920 Acidithiobacillus ferrooxidans	2
9490 Saguinus oedipus	2
5059 Aspergillus flavus	2
10832 Tomato yellow leaf curl virus	2
8705 Vipera ammodytes ammodytes	2
54914 Brevibacillus parabrevis	2
1360 Lactococcus lactis subsp. lactis	2
12643 Ectromelia virus	2
5270 Ustilago maydis	2
1498 Clostridium histolyticum	2
132961 Bungarus caeruleus	2
1956 Streptomyces diastaticus	2
7010 Schistocerca gregaria	2
180454 Anopheles gambiae str. PEST	2
11641 Human foamy virus	2
3505 Betula pendula	2
12147 Tomato bushy stunt virus (STRAIN CHERRY)	2
10530 Murine adenovirus 1	2
89476 \N	2
1580 Lactobacillus brevis	2
30077 Triatoma pallidipennis	2
109171 Pachyrhizus erosus	2
305 Ralstonia solanacearum	2
150147 \N	2
36773 Burkholderia sp.	2
512 Alcaligenes sp.	2
40690 Trematomus bernacchii	2
224324 Aquifex aeolicus VF5	2

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3663 Cucurbita pepo	2
3981 Hevea brasiliensis	2
65406 Pseudomonas sp. 7A	2
81759 Hyacinthoides hispanica	2
1428 Bacillus thuringiensis	2
1642 Listeria innocua	2
350 Zoogloea ramigera	2
11077 Kunjin virus	2
11484 Influenza A virus (A/whale/Maine/1/84(H13N9))	2
228407 SARS coronavirus BJ01	2
55084 Pandinus imperator	2
5271 Ustilago sphaerogena	2
29303 Streptomyces cattleya	2
3527 Phytolacca americana	2
77133 uncultured bacterium	2
10724 Bacillus phage SPP1	2
1848 Pseudonocardia thermophila	2
155077 Cellvibrio japonicus	2
7159 Aedes aegypti	2
3673 Momordica charantia	2
50339 Thermoplasma volcanium	2
927 Halothiobacillus neapolitanus	2
262338 SARS coronavirus GD03T0013	2
12371 Phage h30	2
10310 Human herpesvirus 2	2
122586 Neisseria meningitidis MC58	2
7668 Strongylocentrotus purpuratus	2
198214 Shigella flexneri 2a str. 301	2
69000 Bacillus sp. B-0618	2
47519 Calystegia sepium	2
12154 Turnip yellow mosaic virus	2
4905 Pichia angusta	2
90371 Salmonella enterica subsp. enterica serovar Typhimurium	2
6087 Hydra vulgaris	2
11053 Dengue virus 1	2
6526 Biomphalaria glabrata	2
7165 Anopheles gambiae	2
2743 Marinobacter hydrocarbonoclasticus	2
224326 Borrelia burgdorferi B31	2
51336 Cabbage leaf curl virus	2

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5072 \N	2
5689 Leishmania tarentolae	2
31708 Human rhinovirus 16	2
123217 Anopheles cracens	2
2257 Natronomonas pharaonis	2
11520 Influenza B virus	2
45441 Enterobacteria phage L	2
11876 Avian sarcoma virus	2
8717 Calloselasma rhodostoma	2
1097 Chlorobaculum tepidum	2
273057 Sulfolobus solfataricus P2	2
69014 Thermococcus kodakarensis KOD1	2
5306 Phanerochaete chrysosporium	2
5807 Cryptosporidium parvum	2
4906 Williopsis saturnus	2
6550 Mytilus edulis	2
2188 Methanococcus voltae	2
194439 Chlorobium tepidum TLS	2
3679 Ecballium elaterium	2
1324 Streptococcus sp. G148	2
6279 Brugia malayi	2
11088 Tick-borne encephalitis virus (WESTERN SUBTYPE)	2
198628 Erwinia chrysanthemi str. 3937	2
11885 Fujinami sarcoma virus	2
280 Xanthobacter autotrophicus	2
11138 Murine hepatitis virus	2
47914 Brevibacterium fuscum	2
12022 Enterobacterio phage MS2	2
244589 Sulfolobus virus 1	2
12285 Black beetle virus	2
5514 Fusarium sporotrichioides	2
319 Pseudomonas syringae pv. phaseolicola	2
11063 Dengue virus 2 Malaysia M3	2
158878 Staphylococcus aureus subsp. aureus Mu50	2
529 Ochrobactrum anthropi	2
194699 Bordetella phage BPP-1	2
670 Vibrio parahaemolyticus	2
8631 Laticauda semifasciata	2
12080 Human poliovirus 1	2
1301 Streptococcus	2

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28875 Rotavirus A	2
223 Achromobacter cycloclastes	2
375 Bradyrhizobium japonicum	2
11089 Yellow fever virus	2
198803 Bacillus sp. MN-32	2
12131 Human rhinovirus 14	2
322710 Azotobacter vinelandii DJ	2
10685 Bacillus phage SPO1	2
7108 Spodoptera frugiperda	2
12023 Pseudomonas phage PP7	2
10258 Orf virus	2
91753 Cucurbit aphid-borne yellows virus	2
11065 Dengue virus 2 Thailand/NGS-C/1944	2
11741 Visna/Maedi virus	2
1338 Streptococcus intermedius	2
5085 Aspergillus fumigatus	2
10634 Murine polyomavirus	2
31958 Amycolatopsis orientalis	2
129910 Arthrospira maxima	2
1929 Streptomyces rubiginosus	2
381 Mesorhizobium loti	2
3488 Artocarpus	2
3840 Vigna unguiculata subsp. cylindrica	2
10092 Mus musculus domesticus	1
4641 Musa acuminata	1
74567 Flavobacterium sp. ATCC 27551	1
13616 Monodelphis domestica	1
86600 Discosoma sp.	1
29390 Streptococcus gordonii str. Challis	1
10690 Haemophilus phage HP1	1
5827 Plasmodium cynomolgi	1
103904 Coxsackievirus B3 (strain Woodruff)	1
2094 Mycoplasma arginini	1
40245 Cucumaria echinata	1
3619 Rumex obtusifolius	1
47982 Plexaura homomalla	1
9092 \N	1
63559 Penicillium amagasakiense	1
1188 Tolypothrix sp. PCC 7601	1
12222 Soybean mosaic virus	1

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381517 Influenza A virus (A/Udorn/307/1972(H3N2))	1
4931 Saccharomyces bayanus	1
79261 Streptomyces castaneoglobisporus	1
5541 Thermomyces lanuginosus	1
1589 Lactobacillus pentosus	1
31234 Caenorhabditis remanei	1
10761 Enterobacteria phage Sf6	1
34078 Scytonema hofmanni	1
11066 Dengue virus 2 Puerto Rico/PR159-S1/1969	1
6644 \N	1
160268 Clonostachys	1
37487 Marichromatium purpuratum	1
11280 Vesicular stomatitis New Jersey virus	1
196118 Methanocaldococcus	1
2788 Porphyra yezoensis	1
43759 Streptomyces wedmorensis	1
677 \N	1
11742 Visna lentivirus (strain 1514)	1
8649 Naja kaouthia	1
52969 Ascophyllum nodosum	1
269145 Sulfolobus turreted icosahedral virus	1
66691 \N	1
4265 Cynara cardunculus	1
70821 Desmodium yellow mottle virus	1
12558 Sesbania mosaic virus	1
10331 Equid herpesvirus 4	1
1479 Bacillus smithii	1
6339 Heligmosomoides polygyrus	1
129951 Human adenovirus C	1
35670 Naja naja	1
11091 \N	1
38945 Flammulina velutipes	1
584 Proteus mirabilis	1
7786 Torpedo	1
45920 Araneus diadematus	1
837 Porphyromonas gingivalis	1
237895 Cryptosporidium hominis	1
58226 Comamonas sp. JS765	1
282458 Staphylococcus aureus subsp. aureus MRSA252	1
10095 Mus sp.	1

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4670	<i>Galanthus nivalis</i>	1
74577	<i>Streptomyces</i> sp. UC5319	1
1397	<i>Bacillus circulans</i>	1
13686	<i>Solenopsis invicta</i>	1
5346	<i>Coprinopsis cinerea</i>	1
1521	<i>Clostridium cellulolyticum</i>	1
29438	<i>Pseudomonas savastanoi</i>	1
10703	<i>Corynephage beta</i>	1
103929	Rabies virus strain Pasteur vaccin	1
1823	<i>Nocardia otitidiscaviarum</i>	1
33178	<i>Aspergillus terreus</i>	1
36377	\N	1
7116	<i>Pieris brassicae</i>	1
190485	<i>Xanthomonas campestris</i> pv. <i>campestris</i> str. ATCC 33913	1
40324	<i>Stenotrophomonas maltophilia</i>	1
3625	<i>Actinidia chinensis</i>	1
12054	unidentified tobacco necrosis virus	1
257311	<i>Bordetella parapertussis</i> 12822	1
3911	<i>Vicia villosa</i>	1
64091	<i>Halobacterium</i> sp. NRC-1	1
5547	<i>Trichoderma viride</i>	1
92652	Shrimp white spot syndrome virus	1
31285	<i>Trypanosoma brucei gambiense</i>	1
84	<i>Hyphomicrobium methylovorum</i>	1
118974	<i>Stromatopelma griseipes</i>	1
1897	<i>Streptomyces carzinostaticus</i>	1
34381	<i>Aspergillus japonicus</i>	1
329	<i>Ralstonia pickettii</i>	1
11069	Dengue virus 3	1
6689	<i>Litopenaeus vannamei</i>	1
160488	<i>Pseudomonas putida</i> KT2440	1
37501	<i>Maackia amurensis</i>	1
544	<i>Citrobacter</i>	1
7237	<i>Drosophila pseudoobscura</i>	1
196590	\N	1
3053	\N	1
686	<i>Vibrio cholerae</i> O1 biovar El tor	1
11788	Abelson murine leukemia virus	1
53412	<i>Pseudomonas resinovorans</i>	1
67723	<i>Amanita phalloides</i>	1

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70863	<i>Shewanella oneidensis</i>	1
10335	Human herpesvirus 3	1
99565	Chiba virus	1
32044	<i>Pseudomonas mevalonii</i>	1
6352	\N	1
1932	<i>Streptomyces tendae</i>	1
35688	<i>Porphyridium purpureum</i>	1
11099	Bovine viral diarrhea virus 1	1
175771	<i>Heteractis crispa</i>	1
39152	<i>Methanococcus maripaludis</i>	1
204723	<i>Peniophora</i> sp. SG	1
11914	\N	1
242619	<i>Porphyromonas gingivalis</i> W83	1
10114	<i>Rattus</i>	1
76114	<i>Aromatoleum aromaticum</i> EbN1	1
10450	<i>Orgyia pseudotsugata</i> single capsid nucleopolyhedrovirus	1
5353	<i>Lentinula edodes</i>	1
29459	<i>Brucella melitensis</i>	1
5850	<i>Plasmodium knowlesi</i>	1
11008	<i>Saccharomyces cerevisiae</i> virus L-A (L1)	1
2108	<i>Mycoplasma</i> sp.	1
491	<i>Neisseria meningitidis</i> serogroup B	1
7123	<i>Hyalophora cecropia</i>	1
2337	<i>Thermotoga neapolitana</i>	1
11686	Human immunodeficiency virus type 1 (BRU ISOLATE)	1
221204	<i>Hieracium pilosella</i>	1
907	<i>Megasphaera elsdenii</i>	1
9347	<i>Eutheria</i>	1
3914	<i>Vigna angularis</i>	1
12230	Turnip mosaic virus	1
12303	Cowpea chlorotic mottle virus	1
387139	Influenza A virus (A/Aichi/2/1968(H3N2))	1
4934	<i>Lachancea kluyveri</i>	1
79679	<i>Thermococcus</i> sp. KS-1	1
28344	Porcine reproductive and respiratory syndrome virus	1
5554	<i>Trichosporon cutaneum</i>	1
31531	Vaccinia virus L-IPV	1
6185	<i>Schistosoma haematobium</i>	1
34413	<i>Humicola insolens</i>	1
160490	<i>Streptococcus pyogenes</i> M1 GAS	1

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7242 <i>Drosophila</i> sp.	1
44270 <i>Leishmania mexicana mexicana</i>	1
713 <i>Actinobacillus</i>	1
11791 AKR (endogenous) murine leukemia virus	1
8665 <i>Ophiophagus hannah</i>	1
12092 Hepatitis A virus	1
4511 <i>Eleusine coracana</i>	1
71366 <i>Staphylococcus</i> phage PVL	1
12618 Chicken anemia virus	1
29015 \N	1
10668 \N	1
99571 <i>Dioclea guianensis</i>	1
130309 Human adenovirus F	1
1938 <i>Streptomyces viridochromogenes</i>	1
35703 <i>Citrobacter amalonaticus</i>	1
6956 <i>Dermatophagoides pteronyssinus</i>	1
2277 <i>Pyrobaculum islandicum</i>	1
39300 <i>Ectatomma tuberculatum</i>	1
587 <i>Providencia rettgeri</i>	1
3496 <i>Maclura pomifera</i>	1
46018 Human echovirus 7	1
59511 <i>Pseudomonas syringae</i> pv. <i>maculicola</i>	1
12139 Southern bean mosaic virus	1
9939 <i>Ovis</i> sp.	1
76275 <i>Rhodococcus</i> sp. R312	1
1399 <i>Bacillus firmus</i>	1
88764 <i>Conus episcopatus</i>	1
1550 <i>Clostridium subterminale</i>	1
29461 <i>Brucella suis</i>	1
10711 <i>Enterobacteria</i> phage P21	1
105402 <i>Zoanthus</i> sp.	1
33806 \N	1
6454 <i>Haliotis rufescens</i>	1
190650 <i>Caulobacter crescentus</i> CB15	1
2378 <i>Sporomusa ovata</i>	1
40410 <i>Cryptococcus neoformans</i> var. <i>neoformans</i>	1
648 <i>Aeromonas punctata</i>	1
3654 <i>Citrullus lanatus</i>	1
49577 <i>Costus speciosus</i>	1
9430 <i>Desmodus rotundus</i>	1

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64608	<i>Agrocybe cylindracea</i>	1
12242	Tobacco mosaic virus	1
12305	Cucumber mosaic virus	1
10301	Herpes simplex virus (type 1 / strain Angelotti)	1
390157	Seneca valley virus	1
5053	<i>Aspergillus aculeatus</i>	1
79930	<i>Methanothermobacter thermautotrophicus</i> str. Winter	1
1426	<i>Geobacillus thermoglucosidasius</i>	1
92829	<i>Xanthomonas axonopodis</i> pv. citri	1
31552	Human papillomavirus type 6	1
10829	Squash leaf curl virus	1
34631	<i>Rhipicephalus appendiculatus</i>	1
340	<i>Xanthomonas campestris</i> pv. campestris	1
6706	<i>Homarus americanus</i>	1
161736	<i>Pseudomonas</i> phage phi12	1
37632	<i>Amycolatopsis</i> sp.	1
549	<i>Pantoea agglomerans</i>	1
7370	<i>Musca domestica</i>	1
196627	<i>Corynebacterium glutamicum</i> ATCC 13032	1
3088	<i>Scenedesmus obliquus</i>	1
54571	<i>Streptomyces venezuelae</i>	1
9739	<i>Tursiops truncatus</i>	1
4092	<i>Nicotiana plumbaginifolia</i>	1
5207	<i>Filobasidiella neoformans</i>	1
10677	Enterobacteria phage Mu	1
5741	<i>Giardia intestinalis</i>	1
100226	<i>Streptomyces coelicolor</i> A3(2)	1
32049	<i>Synechococcus</i> sp. PCC 7002	1
10886	Mammalian orthoreovirus 3 Dearing	1
6396	<i>Eisenia fetida</i>	1
1950	<i>Streptomyces peucetius</i>	1
178306	<i>Pyrobaculum aerophilum</i> str. IM2	1
39443	Carnation Italian ringspot virus	1
592	\N	1
11636	Reticuloendotheliosis virus	1
3501	<i>Urtica dioica</i>	1
11986	Carnation mottle virus	1
59837	<i>Leiostomus xanthurus</i>	1
298334	Simian adenovirus A	1
4839	<i>Rhizomucor miehei</i>	1

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76854	<i>Shewanella massilia</i>	1
1400	<i>Bacillus intermedius</i>	1
13818	<i>Adiantum capillus-veneris</i>	1
29549	<i>Rhodothermus marinus</i>	1
108619	<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar Newport	1
33900	<i>Streptomyces murinus</i>	1
6456	<i>Haliotis fulgens</i>	1
148603	<i>Mycobacterium phage Bxb1</i>	1
2130	<i>Ureaplasma urealyticum</i>	1
36659	<i>Volvariella volvacea</i>	1
7141	<i>Choristoneura fumiferana</i>	1
192168	<i>Arthrobacter</i> sp. C2-2	1
2465	Plasmid F	1
658	<i>Photobacterium leiognathi</i> subsp. <i>leiognathi</i>	1
49817	<i>Erythrina crista-galli</i>	1
260674	<i>Citrullus lanatus</i> subsp. <i>vulgaris</i>	1
1270	<i>Micrococcus luteus</i>	1
12315	Tomato aspermy virus	1
10304	Herpes simplex virus (type 1 / strain F)	1
392809	Influenza A virus (A/Victoria/3/1975(H3N2))	1
80866	<i>Delftia acidovorans</i>	1
31645	Hepatitis C virus (isolate Taiwan)	1
6206	<i>Taenia saginata</i>	1
119856	<i>Francisella tularensis</i> subsp. <i>tularensis</i>	1
34649	<i>Mesobuthus martensii</i>	1
346	<i>Xanthomonas citri</i>	1
11073	Japanese encephalitis virus strain SA-14	1
37682	<i>Aegilops tauschii</i>	1
11480	\N	1
7389	<i>Hypoderma lineatum</i>	1
196914	<i>Actinoplanes friuliensis</i>	1
3120	<i>Ulva pertusa</i>	1
44822	<i>Microcystis viridis</i>	1
726	<i>Haemophilus haemolyticus</i>	1
228330	SARS coronavirus Urbani	1
9793	<i>Equus asinus</i>	1
272626	<i>Listeria innocua</i> Clip11262	1
68170	<i>Lechevalieria aerocolonigenes</i>	1
72539	Physalis mottle virus	1
5755	<i>Acanthamoeba castellanii</i>	1

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273 \N	1
35806 Rhodovulum sulfidophilum	1
39682 Viridovipera stejneri	1
7962 Cyprinus carpio	1
211044 Influenza A virus (A/Puerto Rico/8/34(H1N1))	1
46758 Lobophyllia hemprichii	1
11988 Turnip crinkle virus	1
3873 Lupinus luteus	1
61172 Laguna Negra virus	1
1147 Synechocystis sp. PCC 6714	1
300269 Shigella sonnei Ss046	1
76935 Bacillus agaradhaerens	1
10715 Staphylococcus phage 42D.m	1
33903 Streptomyces avermitilis	1
11036 Venezuelan equine encephalitis virus	1
192222 Campylobacter jejuni subsp. jejuni NCTC 11168	1
2489 Plasmid R483	1
659 Photobacterium phosphoreum	1
8400 Rana catesbeiana	1
49899 Thermococcus profundus	1
921 Starkeya novella	1
261594 Bacillus anthracis str. 'Ames Ancestor'	1
10308 Herpes simplex virus (type 1 / strain Patton)	1
416870 Lactococcus lactis subsp. cremoris MG1363	1
28502 Amaranthus hypochondriacus	1
10623 Cottontail rabbit papillomavirus	1
93061 Staphylococcus aureus subsp. aureus NCTC 8325	1
31646 Hepatitis C virus subtype 1a	1
6238 Caenorhabditis briggsae	1
34864 \N	1
6715 Astacus astacus	1
163106 \N	1
2243 Halobacterium sp.	1
37734 Enterococcus casseliflavus	1
7460 Apis mellifera	1
3316 Thuja plicata	1
45151 Pyrenophora tritici-repentis	1
11863 Avian erythroblastosis virus (strain S13)	1
8708 \N	1
3750 Malus x domestica	1

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12118 Foot-and-mouth disease virus - type O	1
4550 Secale cereale	1
1388 Alicyclobacillus acidocaldarius subsp. acidocaldarius	1
10369 Human herpesvirus 6 (strain GS)	1
10679 Enterobacteria phage P2	1
5759 Entamoeba histolytica	1
101510 Rhodococcus jostii RHA1	1
1760 Actinobacteria (class)	1
32059 Phormidium laminosum	1
10896 \N	1
6410 Haementeria officinalis	1
1963 Streptomyces olivochromogenes	1
435 Acetobacter aceti	1
7038 Bemisia tabaci	1
182271 Pterocarpus angolensis	1
39946 Oryza sativa Indica Group	1
12009 \N	1
8844 Anser anser anser	1
61861 Canavalia brasiliensis	1
12149 Belladonna mottle virus	1
18101 Gerbera hybrid cultivar	1
10533 Human adenovirus 1	1
5499 Passalora fulva	1
90370 Salmonella enterica subsp. enterica serovar Typhi	1
30308 Ichthyomyzon unicuspis	1
33931 Bacillus caldovelox	1
11047 Equine arteritis virus	1
37114 Human papillomavirus type 55	1
515 \N	1
192387 Alicyclobacillus sendaiensis	1
40979 Cocksfoot mottle virus	1
8403 Rana perezi	1
9541 Macaca fascicularis	1
3983 Manihot esculenta	1
65553 Sulfurospirillum deleyianum	1
81841 Pseudomonas sp. 130	1
1434 Bacillus thuringiensis serovar berliner	1
28503 Sambucus ebulus	1
93934 Coturnix japonica	1
188 Magnetospirillum magnetotacticum	1

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1914	<i>Streptomyces lavendulae</i>	1
35170	<i>Corallina officinalis</i>	1
6717	<i>Pontastacus leptodactylus</i>	1
163653	\N	1
2246	<i>Haloferax volcanii</i>	1
37762	<i>Escherichia coli</i> B	1
45332	<i>Prevotella phage phi AR29</i>	1
11873	Avian musculoaponeurotic fibrosarcoma virus AS42	1
8714	<i>Gloydus halys</i>	1
228410	<i>Nitrosomonas europaea</i> ATCC 19718	1
3816	<i>Abrus precatorius</i>	1
73044	<i>Streptomyces seoulensis</i>	1
12814	Respiratory syncytial virus	1
10370	Human herpesvirus 6 (strain Uganda-1102)	1
5286	<i>Rhodospiridium toruloides</i>	1
85232	<i>Morus nigra</i>	1
29309	<i>Streptomyces verticillus</i>	1
10680	Enterobacteria phage P4	1
102203	<i>Favia fava</i>	1
1763	<i>Mycobacterium</i>	1
32060	<i>Phormidium lapideum</i>	1
134821	<i>Ureaplasma parvum</i>	1
2017	<i>Streptoalloteichus hindustanus</i>	1
438	<i>Acetobacter pasteurianus</i>	1
11122	Avian infectious bronchitis virus (strain Beaudette)	1
185447	<i>Parkia platycephala</i>	1
11666	Equine infectious anemia virus (CLONE P3.2-1)	1
212017	<i>Lethocerus indicus</i>	1
3559	<i>Chenopodium album</i>	1
12017	Enterobacteria phage fr	1
243277	<i>Vibrio cholerae</i> O1 biovar El Tor str. N16961	1
62887	<i>Gliocladium</i>	1
301447	<i>Streptococcus pyogenes</i> serotype M1	1
77763	Banna virus	1
28039	<i>Lactobacillus leichmannii</i>	1
5501	<i>Coccidioides immitis</i>	1
1583	<i>Weissella confusa</i>	1
10726	Enterobacteria phage T5	1
33950	<i>Thermoanaerobacterium thermosulfurigenes</i>	1
2186	<i>Methanothermococcus thermolithotrophicus</i>	1

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37122 Human papillomavirus type 6a	1
192952 Methanosarcina mazei Go1	1
668 Vibrio fischeri	1
940 Hydrogenobacter thermophilus	1
262724 Thermus thermophilus HB27	1
65699 Neisseria meningitidis serogroup A	1
1288 Staphylococcus xylosus	1
12260 Bean pod mottle virus	1
12391 \N	1
435895 Human herpesvirus 8 type M	1
82300 Adeno-associated virus - 5	1
1445 Bacillus alcalophilus	1
28572 Penicillium funiculosum	1
95649 Bothrops neuwiedi pauloensis	1
35304 Bunyamwera virus	1
6728 Procambarus clarkii	1
167644 Ilyobacter tartaricus	1
37919 Rhodococcus opacus	1
7719 Ciona intestinalis	1
198215 Shigella flexneri 2a str. 2457T	1
3349 Pinus sylvestris	1
781 Rickettsia conorii	1
229992 SARS coronavirus Frankfurt 1	1
55810 Bulinus truncatus	1
301887 Echinophyllia sp. SC22	1
12879 \N	1
85698 Achromobacter xylosoxidans	1
1511 Clostridium sticklandii	1
29323 Thermoanaerobacter brockii	1
10683 Bacillus phage PBS1	1
32536 Acinonyx jubatus	1
276 Thermus filiformis	1
10924 \N	1
137208 \N	1
2021 Thermobifida fusca	1
35933 Podophyllum peltatum	1
442 Gluconobacter oxydans	1
11128 Bovine coronavirus	1
40001 Cellulomonas sp.	1
11670 Equine infectious anemia virus (CLONE 1369)	1

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213804	Janthinobacterium sp. J3	1
12018	Enterobacteria phage GA	1
8932	Columba livia	1
243365	Chromobacterium violaceum ATCC 12472	1
78245	Xanthobacter autotrophicus Py2	1
1408	Bacillus pumilus	1
28068	Rubrivivax gelatinosus	1
10560	Bovine papillomavirus type 2	1
90973	Bacillus sp. TA2.A1	1
1584	Lactobacillus delbrueckii	1
30608	Microcebus murinus	1
113192	Bothrops pirajai	1
1883	Streptomyces	1
33953	Clostridium aminobutyricum	1
157732	Rhodococcus sp. NCIMB 9784	1
37133	Tula virus	1
7168	Anopheles dirus	1
2771	Cyanidium caldarium	1
224914	Brucella melitensis 16M	1
964	Herbaspirillum seropedicae	1
4043	Petroselinum crispum	1
66188	Micropechis ikaheka	1
12264	Cowpea mosaic virus	1
10324	Bovine herpesvirus type 1.1 (strain P8-2)	1
437607	Influenza A virus (A/hvPR8/34(H1N1))	1
1449	Amphibacillus xylanus	1
28737	Elephantulus edwardii	1
96471	Bacillus sp. YM55-1	1
1669	Arthrobacter sp. NRRL B3728	1
31744	Rice yellow mottle virus	1
10863	Enterobacteria phage f1	1
129555	Amphitrite ornata	1
1921	Streptomyces olivaceoviridis	1
35345	Lactococcus phage TP901-1	1
361	Agrobacterium sp.	1
6772	Celuca pugilator	1
167804	Dipsochelys dussumieri	1
2260	Pyrococcus	1
38437	\N	1
563	Escherichia blattae	1

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11525 Influenza B virus (STRAIN B/BEIJING/1/87)	1
7723 Polyandrocarya misakiensis	1
3352 Pinus taeda	1
45596 Candida tenuis	1
813 Chlamydia trachomatis	1
8722 Bothrops asper	1
230105 Methylophaga aminisulfidivorans	1
273063 Sulfolobus tokodaii str. 7	1
4120 Ipomoea batatas	1
306263 Campylobacter lari RM2100	1
73475 Chicken anemia virus Cuxhaven-1/Germany	1
5319 Irpex lacteus	1
1512 Clostridium symbiosum	1
29342 Clostridium botulinum D phage	1
10927 Bovine rotavirus	1
140437 Streptomyces sp. R1128	1
35936 Lablab purpureus	1
471 Acinetobacter calcoaceticus	1
186538 Zaire ebolavirus	1
40051 Bluetongue virus	1
8090 Oryzias latipes	1
214092 Yersinia pestis CO92	1
3567 Amaranthus caudatus	1
883 Desulfovibrio vulgaris str. 'Miyazaki F'	1
9030 Gallus	1
3891 Psophocarpus tetragonolobus	1
63330 Hendra virus	1
4920 Pichia farinosa	1
78447 Corallina pilulifera	1
28081 Bordetella sp.	1
91201 Gastrodia elata	1
1585 Lactobacillus delbrueckii subsp. bulgaricus	1
113636 Populus tremula	1
1887 Streptomyces albogriseolus	1
34007 Paracoccus versutus	1
6561 Scapharca inaequalvis	1
11733 Simian immunodeficiency virus (MM142-83 ISOLATE)	1
3691 Populus nigra	1
52853 Silene latifolia subsp. alba	1
266835 Mesorhizobium loti MAFF303099	1

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4072 Capsicum annuum	1
66431 Streptomyces thioluteus	1
70174 \N	1
1334 Streptococcus dysgalactiae	1
12538 Mokola virus	1
542959 BPP-1-like phages	1
5079 Penicillium janthinellum	1
82835 \N	1
1467 Bacillus lentus	1
1679 Bifidobacterium longum subsp. longum	1
31902 Dasyatis akajei	1
6282 Onchocerca volvulus	1
1924 Streptomyces purpurascens	1
35621 Streptomyces mobaraensis	1
6853 Tachypleus tridentatus	1
168807 Escherichia coli O127:H6	1
38577 Bufo arenarum	1
11531 Influenza B virus (STRAIN B/HONG KONG/8/73)	1
7748 Lampetra fluviatilis	1
230624 Trametes ochracea	1
3837 Dioclea grandiflora	1
56812 Shewanella frigidimarina	1
9844 Lama glama	1
273075 Thermoplasma acidophilum DSM 1728	1
4615 Ananas comosus	1
13249 Rhodnius prolixus	1
5322 Pleurotus ostreatus	1
29388 Staphylococcus capitis	1
10969 Rhesus rotavirus	1
6431 Urechis caupo	1
144185 Leifsonia aquatica	1
2045 Pimelobacter simplex	1
476 Moraxella bovis	1
216371 Penicillium stoloniferum virus S	1
3570 Dianthus caryophyllus	1
47935 Mouse polyomavirus (strain p16 small-plaque)	1
887 \N	1
3902 Ulex europaeus	1
1172 Anabaena variabilis	1
12287 Flock house virus	1

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367830 Staphylococcus aureus subsp. aureus USA300	1
1411 Bacillus akibai	1
28278 Human adenovirus 19	1
10571 Bovine papillomavirus	1
5539 Scytalidium lignicola	1
68 Lysobacter	1
6118 Entacmaea quadricolor	1
115547 uncultured archaeon	1
34028 Comamonas sp.	1
322 Pseudomonas syringae pv. tabaci	1
536 Chromobacterium violaceum	1
11277 Vesicular stomatitis Indiana virus	1
7225 Scaptodrosophila lebanonensis	1
43306 Pseudomonas denitrificans	1
672 Vibrio vulnificus	1
8644 Naja mossambica	1
3693 Populus tremuloides	1
52861 Tabernaemontana divaricata	1
269084 Synechococcus elongatus PCC 6301	1
66690 \N	1
1302 Streptococcus gordonii	1
4232 Helianthus annuus	1
12541 Nudaurelia capensis omega virus	1
10329 Equine herpesvirus type 1 (strain Kentucky A)	1
83131 Cratylia argentea	1
28896 Thermoanaerobacterium saccharolyticum	1
5699 Trypanosoma vivax	1
97234 Dryopteris crassirhizoma	1
1680 Bifidobacterium adolescentis	1
228 Pseudoalteromonas haloplanktis	1
10870 Enterobacteria phage M13	1
6334 Trichinella spiralis	1
35631 Conus imperialis	1
11090 Yellow fever virus 17D	1
6884 Leiurus quinquestriatus hebraeus	1
38868 Salvia officinalis	1
200597 Sterkiella nova	1
45916 Nostoc ellipsosporum	1
8729 Crotalus adamanteus	1
237561 Candida albicans SC5314	1

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58217 <i>Loxosceles laeta</i>	1
280048 <i>Copaifera langsdorffii</i>	1