

Corected

NCBI taxonomy	Scientific_name	Number_of_interactions
4932	<i>Saccharomyces cerevisiae</i>	116000
9606	<i>Homo sapiens</i>	112206
7227	<i>Drosophila melanogaster</i>	47475
6239	<i>Caenorhabditis elegans</i>	12205
197	<i>Campylobacter jejuni</i>	12025
4896	<i>Schizosaccharomyces pombe</i>	11872
83333	<i>Escherichia coli</i> K-12	10979
10090	<i>Mus musculus</i>	10121
3702	<i>Arabidopsis thaliana</i>	5314
155864	<i>Escherichia coli</i> O157:H7 EDL933	4928
160	<i>Treponema pallidum</i>	3647
10116	<i>Rattus norvegicus</i>	3395
1148	<i>Synechocystis</i> sp. PCC 6803	3168
36329	<i>Plasmodium falciparum</i> 3D7	2758
83334	<i>Escherichia coli</i> O157:H7	2560
85962	<i>Helicobacter pylori</i> 26695	1598
210	<i>Helicobacter pylori</i>	1572
511145	<i>Escherichia coli</i> str. K-12 substr. MG1655	1292
11676	Human immunodeficiency virus 1	1289
562	<i>Escherichia coli</i>	1238
386585	<i>Escherichia coli</i> O157:H7 str. Sakai	1069
0 \N		1038
9913	<i>Bos taurus</i>	1019
623	<i>Shigella flexneri</i>	491
39947	<i>Oryza sativa</i> Japonica Group	454
246197	<i>Myxococcus xanthus</i> DK 1622	377
8355	<i>Xenopus laevis</i>	327
9031	<i>Gallus gallus</i>	300
10376	Human herpesvirus 4	296
217992	<i>Escherichia coli</i> O6	296
32630	synthetic construct	287
272951	<i>Rickettsia sibirica</i> 246	284
333284	Hepatitis C virus (isolate Con1)	282
4530	<i>Oryza sativa</i>	226
274	<i>Thermus thermophilus</i>	218
1423	<i>Bacillus subtilis</i>	210
9986	<i>Oryctolagus cuniculus</i>	180
10335	Human herpesvirus 3	174
1313	<i>Streptococcus pneumoniae</i>	170

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9823 <i>Sus scrofa</i>	159
-2 \N	142
10377 Human herpesvirus 4 (strain B95-8)	141
333760 Human papillomavirus type 16	129
53953 <i>Pyrococcus horikoshii</i>	115
11103 Hepatitis C virus	111
1773 <i>Mycobacterium tuberculosis</i>	109
10254 Vaccinia virus WR	108
10299 Herpes simplex virus (type 1 / strain 17)	108
287 <i>Pseudomonas aeruginosa</i>	101
199310 <i>Escherichia coli</i> CFT073	98
2336 <i>Thermotoga maritima</i>	98
44689 <i>Dictyostelium discoideum</i>	96
435895 Human herpesvirus 8 type M	96
85963 <i>Helicobacter pylori</i> J99	92
4102 <i>Petunia x hybrida</i>	89
10633 Simian virus 40	89
602 \N	85
3888 <i>Pisum sativum</i>	84
146786 <i>Thermosynechococcus elongatus</i>	84
28285 Human adenovirus 5	79
3562 <i>Spinacia oleracea</i>	77
1422 <i>Geobacillus stearothermophilus</i>	74
7955 <i>Danio rerio</i>	73
1280 <i>Staphylococcus aureus</i>	70
9615 <i>Canis lupus familiaris</i>	69
243274 <i>Thermotoga maritima</i> MSB8	69
5691 <i>Trypanosoma brucei</i>	64
1063 <i>Rhodobacter sphaeroides</i>	61
303 <i>Pseudomonas putida</i>	60
4565 <i>Triticum aestivum</i>	60
40674 Mammalia	58
727 <i>Haemophilus influenzae</i>	57
3055 <i>Chlamydomonas reinhardtii</i>	54
190486 <i>Xanthomonas axonopodis</i> pv. citri str. 306	51
197221 <i>Thermosynechococcus elongatus</i> BP-1	49
2261 <i>Pyrococcus furiosus</i>	47
4081 <i>Solanum lycopersicum</i>	47
333761 Human papillomavirus type 18	47
37296 Human herpesvirus 8	46

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4113 Solanum tuberosum	46
4577 Zea mays	43
266 Paracoccus denitrificans	42
2234 Archaeoglobus fulgidus	41
300852 Thermus thermophilus HB8	40
4097 Nicotiana tabacum	39
271 Thermus aquaticus	39
145262 Methanothermobacter thermautotrophicus	39
10580 Human papillomavirus type 11	39
10760 Enterobacteria phage T7	39
2238 Haloarcula marismortui	38
358 Agrobacterium tumefaciens	38
10559 Bovine papillomavirus type 1	38
2287 Sulfolobus solfataricus	37
4513 Hordeum vulgare	36
5833 Plasmodium falciparum	36
10298 Human herpesvirus 1	35
63363 Aquifex aeolicus	35
187420 Methanothermobacter thermautotrophicus str.	34
32046 Synechococcus elongatus	34
1390 Bacillus amyloliquefaciens	33
1895 Streptomyces avidinii	32
10665 Enterobacteria phage T4	32
10407 Hepatitis B virus	31
1392 Bacillus anthracis	30
316407 Escherichia coli str. K-12 substr. W3110	30
10515 Human adenovirus 2	29
11908 Human T-lymphotropic virus 1	29
39946 Oryza sativa Indica Group	29
10249 Vaccinia virus Copenhagen	28
666 Vibrio cholerae	28
573 Klebsiella pneumoniae	28
1140 Synechococcus elongatus PCC 7942	28
31647 Hepatitis C virus subtype 1b	28
9103 Meleagris gallopavo	28
10245 Vaccinia virus	27
176299 Agrobacterium tumefaciens str. C58	27
2190 Methanocaldococcus jannaschii	27
83332 Mycobacterium tuberculosis H37Rv	26
208964 Pseudomonas aeruginosa PAO1	26

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9796 <i>Equus caballus</i>	25
354242 <i>Campylobacter jejuni</i> subsp. <i>jejuni</i> 81-176	25
6421 <i>Hirudo medicinalis</i>	25
70601 <i>Pyrococcus horikoshii</i> OT3	25
1314 <i>Streptococcus pyogenes</i>	25
10029 <i>Cricetulus griseus</i>	25
360111 <i>Campylobacter jejuni</i> subsp. <i>jejuni</i> CF93-6	24
28282 Human adenovirus 12	24
9598 <i>Pan troglodytes</i>	24
1299 <i>Deinococcus radiodurans</i>	23
354 <i>Azotobacter vinelandii</i>	23
83541 <i>Mastigocladus laminosus</i>	23
11309 unidentified influenza virus	23
243232 <i>Methanocaldococcus jannaschii</i> DSM 2661	22
5476 <i>Candida albicans</i>	22
155892 <i>Caulobacter vibrioides</i>	21
10710 <i>Enterobacteria phage lambda</i>	21
12131 Human rhinovirus 14	20
11060 Dengue virus 2	20
1911 <i>Streptomyces griseus</i>	20
5141 <i>Neurospora crassa</i>	20
262724 <i>Thermus thermophilus</i> HB27	19
1061 <i>Rhodobacter capsulatus</i>	19
10141 <i>Cavia porcellus</i>	19
11886 Rous sarcoma virus	18
1351 <i>Enterococcus faecalis</i>	18
4922 <i>Pichia pastoris</i>	18
10117 <i>Rattus rattus</i>	18
28451 <i>Klebsiella aerogenes</i>	17
-1 \N	17
186497 <i>Pyrococcus furiosus</i> DSM 3638	17
632 <i>Yersinia pestis</i>	17
556 <i>Erwinia chrysanthemi</i>	16
9534 <i>Chlorocephus aethiops</i>	16
1491 <i>Clostridium botulinum</i>	16
12110 Foot-and-mouth disease virus	16
520 <i>Bordetella pertussis</i>	16
10600 Human papillomavirus type 6b	16
227859 SARS coronavirus	16
211044 Influenza A virus (A/Puerto Rico/8/34(H1N1))	15

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9838 <i>Camelus dromedarius</i>	15
615 <i>Serratia marcescens</i>	15
10095 <i>Mus</i> sp.	15
4151 <i>Antirrhinum majus</i>	15
11679 Human immunodeficiency virus type 1 (CLON	15
9940 <i>Ovis aries</i>	15
7787 <i>Torpedo californica</i>	14
1902 <i>Streptomyces coelicolor</i>	14
360110 <i>Campylobacter jejuni</i> subsp. <i>jejuni</i> 84-25	14
283166 <i>Bartonella henselae</i> str. Houston-1	14
630 <i>Yersinia enterocolitica</i>	14
56636 <i>Aeropyrum pernix</i>	14
5693 <i>Trypanosoma cruzi</i>	14
99287 <i>Salmonella enterica</i> subsp. <i>enterica</i> serovar T	14
8616 <i>Bungarus multicinctus</i>	14
11234 Measles virus	13
1079 <i>Blastochloris viridis</i>	13
11084 Tick-borne encephalitis virus	13
13773 <i>Pyrobaculum aerophilum</i>	13
10036 <i>Mesocricetus auratus</i>	13
1396 <i>Bacillus cereus</i>	13
1515 <i>Clostridium thermocellum</i>	13
1085 <i>Rhodospirillum rubrum</i>	13
31531 <i>Vaccinia virus</i> L-IPV	13
10585 Human papillomavirus type 31	13
1358 <i>Lactococcus lactis</i>	13
3847 <i>Glycine max</i>	13
12215 Potato virus A	13
294 <i>Pseudomonas fluorescens</i>	12
31199 <i>Argopecten irradians</i>	12
306 <i>Pseudomonas</i> sp.	12
10754 <i>Enterobacteria</i> phage P22	12
273057 <i>Sulfolobus solfataricus</i> P2	12
1502 <i>Clostridium perfringens</i>	12
3858 <i>Lathyrus ochrus</i>	12
7757 <i>Petromyzon marinus</i>	11
10678 <i>Enterobacteria</i> phage P1	11
414 <i>Methylococcus capsulatus</i>	11
1833 <i>Rhodococcus erythropolis</i>	11
384509 Influenza A virus (A/tern/Australia/G70C/1975	11

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511 <i>Alcaligenes faecalis</i>	11
11709 Human immunodeficiency virus 2	11
3823 <i>Canavalia ensiformis</i>	11
32644 unidentified	11
11276 Vesicular stomatitis virus	11
3489 <i>Artocarpus heterophyllus</i>	11
5116 <i>Cryphonectria parasitica</i>	11
1916 <i>Streptomyces lividans</i>	11
5811 <i>Toxoplasma gondii</i>	11
11105 Hepatitis C virus (isolate BK)	11
633 <i>Yersinia pseudotuberculosis</i>	11
12130 Human rhinovirus 2	11
1409 <i>Bacillus</i> sp.	10
10359 Human herpesvirus 5	10
273075 <i>Thermoplasma acidophilum</i> DSM 1728	10
601 N	10
1168 <i>Nostoc</i> sp. PCC 7119	10
243233 <i>Methylococcus capsulatus</i> str. Bath	10
2303 <i>Thermoplasma acidophilum</i>	10
12075 Swine vesicular disease virus	10
7224 <i>Drosophila hydei</i>	10
11108 Hepatitis C virus (isolate H)	10
323 <i>Pseudomonas syringae</i> pv. tomato	10
32053 <i>Thermosynechococcus vulcanus</i>	10
11320 Influenza A virus	10
139 <i>Borrelia burgdorferi</i>	10
5702 <i>Trypanosoma brucei</i> brucei	9
10360 Human herpesvirus 5 strain AD169	9
88087 <i>Trimeresurus flavoviridis</i>	9
224325 <i>Archaeoglobus fulgidus</i> DSM 4304	9
73239 <i>Plasmodium yoelii</i> yoelii	9
10583 Human papillomavirus type 1a	9
112509 <i>Hordeum vulgare</i> subsp. vulgare	9
1639 <i>Listeria monocytogenes</i>	9
7091 <i>Bombyx mori</i>	9
10635 Mouse polyomavirus (strain 3)	9
148305 <i>Magnaporthe grisea</i>	9
190386 <i>Agrobacterium tumefaciens</i> (strain 15955)	9
1260 <i>Fingoldia magna</i>	9
10118 <i>Rattus</i> sp.	9

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11685 HIV-1 M:B_ARV2/SF2	9
2208 Methanosarcina barkeri	9
381666 Ralstonia eutropha H16	9
6621 Loligo pealei	9
1393 Brevibacillus brevis	9
224308 Bacillus subtilis subsp. subtilis str. 168	8
10891 Reovirus sp.	8
4100 Nicotiana benthamiana	8
4558 Sorghum bicolor	8
7788 Torpedo marmorata	8
10579 Human papillomavirus type 8	8
6398 Lumbricus terrestris	8
3885 Phaseolus vulgaris	8
6500 Aplysia californica	8
8656 Naja atra	8
5664 Leishmania major	8
36409 Rinderpest virus (strain RBOK)	8
2320 Methanopyrus kandleri	8
10684 Bacillus phage PBS2	8
11723 Simian immunodeficiency virus	8
9595 Gorilla gorilla gorilla	8
1143 Synechocystis sp.	8
12080 Human poliovirus 1	8
238 Elizabethkingia meningoseptica	8
158 Treponema denticola	7
10804 Adeno-associated virus - 2	7
37998 Engyodontium album	7
1167 Anabaena sp.	7
1901 Streptomyces clavuligerus	7
296 Pseudomonas fragi	7
3544 Mesembryanthemum crystallinum	7
11801 Moloney murine leukemia virus	7
12086 Human poliovirus 3	7
45659 Human adenovirus 3	7
881 Desulfovibrio vulgaris	7
11901 Bovine leukemia virus	7
7067 Tenebrio molitor	7
5911 Tetrahymena thermophila	7
7153 Chironomus tentans	7
1352 Enterococcus faecium	7

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669 <i>Vibrio harveyi</i>	7
12069 Human coxsackievirus A21	7
11599 Hantaan virus	7
488537 <i>Clostridium perfringens</i> D str. JGS1721	7
388812 HIV-1 M:C_92BR025	7
8846 <i>Anser indicus</i>	7
317 <i>Pseudomonas syringae</i>	7
1131 <i>Synechococcus</i> sp.	7
154633 Human herpesvirus 3 VZV-32	7
1404 <i>Bacillus megaterium</i>	7
285 <i>Comamonas testosteroni</i>	7
162425 <i>Emericella nidulans</i>	7
227321 <i>Aspergillus nidulans</i> FGSC A4	7
4084 <i>Solanum pimpinellifolium</i>	7
12208 Pea seed-borne mosaic virus	7
585 <i>Proteus vulgaris</i>	7
10338 Human herpesvirus 3 strain Dumas	7
8618 <i>Dendroaspis angusticeps</i>	7
485 <i>Neisseria gonorrhoeae</i>	6
41529 <i>Salmonella enterica</i> subsp. <i>enterica</i> serovar T	6
118562 <i>Arthrospira platensis</i>	6
408 <i>Methylobacterium extorquens</i>	6
3712 <i>Brassica oleracea</i>	6
47421 <i>Hydrogenophaga pseudoflava</i>	6
550 <i>Enterobacter cloacae</i>	6
12083 Human poliovirus 2	6
5855 <i>Plasmodium vivax</i>	6
2285 <i>Sulfolobus acidocaldarius</i>	6
879 <i>Desulfovibrio gigas</i>	6
730 <i>Haemophilus ducreyi</i>	6
2286 <i>Sulfolobus shibatae</i>	6
8839 <i>Anas platyrhynchos</i>	6
12064 Bovine enterovirus	6
3988 <i>Ricinus communis</i>	6
12721 Human immunodeficiency virus	6
5656 <i>Crithidia fasciculata</i>	6
119602 <i>Streptococcus dysgalactiae</i> subsp. <i>equisimilis</i>	6
12067 Human coxsackievirus A9	6
83374 <i>Galdieria partita</i>	6
1591 <i>Lactobacillus</i> sp.	6

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11678 Human immunodeficiency virus type 1 BH10	6
10527 Human adenovirus 9	6
6253 Ascaris suum	6
387139 Influenza A virus (A/Aichi/2/1968(H3N2))	6
3457 Dioscoreophyllum cumminsii	6
1049 Allochromatium vinosum	6
103690 Nostoc sp. PCC 7120	6
44130 Human rhinovirus 3	6
12072 Human coxsackievirus B3	6
5791 Physarum polycephalum	6
421877 Hepatitis C virus isolate HC-J1	6
8364 Xenopus (Silurana) tropicalis	6
10636 Murine polyomavirus strain A2	6
1402 Bacillus licheniformis	6
3490 Artocarpus integer	6
2026 Thermoactinomyces vulgaris	6
12078 Human echovirus 11	6
352472 Dictyostelium discoideum AX4	6
272557 Aeropyrum pernix K1	6
10658 Enterobacteria phage PRD1	6
3708 Brassica napus	6
12081 Human poliovirus 1 Mahoney	6
374840 Enterobacteria phage phiX174 sensu lato	6
876 Desulfovibrio desulfuricans	6
28985 Kluyveromyces lactis	6
382848 Influenza A virus (A/swine/Hong Kong/126/19	6
8724 Bothrops jararaca	5
86665 Bacillus halodurans	5
878 Desulfovibrio fructosovorans	5
3972 Viscum album	5
11698 Human immunodeficiency virus type 1 (NEW	5
59405 Thauera aromatica	5
5722 Trichomonas vaginalis	5
211586 Shewanella oneidensis MR-1	5
40051 Bluetongue virus	5
5061 Aspergillus niger	5
554 Pectobacterium carotovorum	5
42897 Shigella flexneri 2a	5
93061 Staphylococcus aureus subsp. aureus NCTC	5
47881 Pseudomonas pavonaceae	5

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5062 <i>Aspergillus oryzae</i>	5
360108 <i>Campylobacter jejuni</i> subsp. <i>jejuni</i> 260.94	5
1720 <i>Corynebacterium</i> sp.	5
111955 <i>Sulfolobus tokodaii</i>	5
1525 <i>Moorella thermoacetica</i>	5
6523 <i>Lymnaea stagnalis</i>	5
55676 <i>Oligobrachia mashikoi</i>	5
11191 Sendai virus	5
203119 <i>Clostridium thermocellum</i> ATCC 27405	5
420174 Hepatitis C virus isolate HC-J4	5
272943 <i>Rhodobacter sphaeroides</i> 2.4.1	5
226185 <i>Enterococcus faecalis</i> V583	5
69488 <i>Penicillium simplicissimum</i>	5
5665 <i>Leishmania mexicana</i>	5
1866 <i>Actinoplanes missouriensis</i>	5
1050 <i>Thermochromatium tepidum</i>	5
17 <i>Methylophilus methylotrophus</i>	5
571 <i>Klebsiella oxytoca</i>	5
34 <i>Myxococcus xanthus</i>	5
11610 Seoul virus SR11	5
844 <i>Wolinella succinogenes</i>	5
905 <i>Acidaminococcus fermentans</i>	5
11033 Semliki forest virus	5
8022 <i>Oncorhynchus mykiss</i>	5
7111 <i>Trichoplusia ni</i>	5
2265 <i>Thermococcus litoralis</i>	5
3649 <i>Carica papaya</i>	5
847 <i>Oxalobacter formigenes</i>	5
10384 <i>Herpesvirus saimiri</i> (strain 488)	5
1501 <i>Clostridium pasteurianum</i>	5
115711 <i>Chlamydophila pneumoniae</i> AR39	5
8030 <i>Salmo salar</i>	5
12126 Theiler's encephalomyelitis virus (STRAIN DA	5
28901 <i>Salmonella enterica</i>	5
235 <i>Brucella abortus</i>	5
10879 <i>Pseudomonas</i> phage phi6	5
11113 Hepatitis C virus isolate HC-J6	5
538120 Mammalian orthoreovirus 1	5
644 <i>Aeromonas hydrophila</i>	5
46633 Human echovirus 1	5

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1282 Staphylococcus epidermidis	5
293 Brevundimonas diminuta	5
129875 Human adenovirus A	5
1076 Rhodopseudomonas palustris	5
1320 Streptococcus sp. 'group G'	5
3661 Cucurbita maxima	5
10243 Cowpox virus	5
11696 HIV-1 M:B_MN	4
2214 Methanosarcina acetivorans	4
3864 Lens culinaris	4
243230 Deinococcus radiodurans R1	4
272562 Clostridium acetobutylicum ATCC 824	4
106590 Cupriavidus necator	4
11665 Equine infectious anemia virus	4
9601 Pongo abelii	4
4843 Rhizopus microsporus var. chinensis	4
12227 Tobacco etch virus	4
8090 Oryzias latipes	4
3673 Momordica charantia	4
10506 Paramecium bursaria Chlorella virus 1	4
273121 Wolinella succinogenes DSM 1740	4
29292 Pyrococcus abyssi	4
1831 Rhodococcus sp.	4
3329 Picea abies	4
1301 Streptococcus	4
301447 Streptococcus pyogenes serotype M1	4
36307 Deinagkistrodon acutus	4
3879 Medicago sativa	4
65404 Polysiphonia urceolata	4
11673 Feline immunodeficiency virus	4
3677 Trichosanthes kirilowii	4
4905 Pichia angusta	4
6707 Homarus gammarus	4
40137 Oligotropha carboxidovorans	4
1590 Lactobacillus plantarum	4
2242 Halobacterium salinarum	4
11855 Mason-Pfizer monkey virus	4
1836 Saccharopolyspora erythraea	4
200597 Sterkiella nova	4
9541 Macaca fascicularis	4

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10849 Enterobacteria phage alpha3	4
622 Shigella dysenteriae	4
10991 Rice dwarf virus	4
9544 Macaca mulatta	4
1752 Propionibacterium freudenreichii subsp. sherr	4
2787 Porphyra purpurea	4
8692 Bitis arietans	4
46015 Autographa californica nucleopolyhedrovirus	4
13037 Danaus plexippus	4
6848 Carcinoscorpium rotundicauda	4
1309 Streptococcus mutans	4
73841 Vipera ammodytes meridionalis	4
6426 Riftia pachyptila	4
818 Bacteroides thetaiotaomicron	4
10381 Saimiriine herpesvirus 2	4
6108 Anemonia sulcata	4
226186 Bacteroides thetaiotaomicron VPI-5482	4
290579 HIV-1 M:B_Lai	4
11720 Human immunodeficiency virus type 2 (ISOL/	4
1311 Streptococcus agalactiae	4
1665 Arthrobacter globiformis	4
10756 Bacillus phage phi29	4
362651 Human immunodeficiency virus type 1 (isolate	4
2262 Pyrococcus woesei	4
3906 Vicia faba	4
1667 Arthrobacter sp.	4
30591 Aotus azarai	4
12124 Theiler's encephalomyelitis virus	4
5482 Candida tropicalis	4
79257 Rhodomonas sp. CS24	4
10872 Pseudomonas phage Pf3	4
1894 Streptomyces aureofaciens	4
6945 Ixodes scapularis	4
2209 Methanosarcina mazei	4
40690 Trematomus bernacchii	4
1074 Rhodoblastus acidophilus	4
542 Zymomonas mobilis	4
337042 Human papillomavirus - 18	4
6183 Schistosoma mansoni	4
915 Nitrosomonas europaea	4

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11082 West Nile virus	4
546 <i>Citrobacter freundii</i>	4
71421 <i>Haemophilus influenzae</i> Rd KW20	3
13689 <i>Sphingomonas paucimobilis</i>	3
10712 Phage 434	3
8053 <i>Gadus callarias</i>	3
10030 <i>Cricetulus longicaudatus</i>	3
257313 <i>Bordetella pertussis</i> Tohama I	3
1394 <i>Bacillus caldolyticus</i>	3
382853 Influenza A virus (A/swine/St-Hyacinthe/148/1	3
169066 Human rhinovirus sp.	3
8730 <i>Crotalus atrox</i>	3
11241 Rinderpest virus	3
1083 <i>Phaeosporidium molischianum</i>	3
1474 <i>Sporosarcina pasteurii</i>	3
340 <i>Xanthomonas campestris</i> pv. <i>campestris</i>	3
37137 Simian rotavirus A/SA11-both	3
93050 <i>Echis multisquamatus</i>	3
31767 Hepatitis E virus (strain Burma)	3
10923 Simian rotavirus A/SA11	3
2111 <i>Mycoplasma arthritidis</i>	3
574521 <i>Escherichia coli</i> O127:H6 str. E2348/69	3
8732 <i>Crotalus durissus terrificus</i>	3
1421 <i>Lysinibacillus sphaericus</i>	3
5724 <i>Tritrichomonas foetus</i>	3
416870 <i>Lactococcus lactis</i> subsp. <i>cremoris</i> MG1363	3
11247 Bovine respiratory syncytial virus ATCC5190E	3
11520 Influenza B virus	3
8167 <i>Perca flavescens</i>	3
10366 Murid herpesvirus 1	3
10632 JC polyomavirus	3
5861 <i>Plasmodium yoelii</i>	3
173 <i>Leptospira interrogans</i>	3
443255 <i>Streptomyces clavuligerus</i> ATCC 27064	3
68728 <i>Chrysocyon brachyurus</i>	3
12657 Equid herpesvirus 2	3
426 <i>Methylosinus trichosporium</i>	3
11149 Transmissible gastroenteritis virus	3
170187 <i>Streptococcus pneumoniae</i> TIGR4	3
10315 Human herpesvirus 2 strain HG52	3

Corected

15957 <i>Phleum pratense</i>	3
1905 <i>Streptomyces exfoliatus</i>	3
1097 <i>Chlorobaculum tepidum</i>	3
1488 <i>Clostridium acetobutylicum</i>	3
89020 <i>Mustelus griseus</i>	3
10847 Enterobacteria phage phiX174	3
260809 \N	3
345076 <i>Vibrio cholerae</i> V52	3
2180 <i>Methanothermus fervidus</i>	3
158878 <i>Staphylococcus aureus</i> subsp. <i>aureus</i> Mu50	3
11708 Human immunodeficiency virus type 1 (ZAIRE)	3
8843 <i>Anser anser</i>	3
3818 <i>Arachis hypogaea</i>	3
12243 Tobacco mosaic virus (vulgare)	3
269084 <i>Synechococcus elongatus</i> PCC 6301	3
5076 <i>Penicillium chrysogenum</i>	3
102746 <i>Hieracium piloselloides</i>	3
11552 Influenza C virus	3
8237 <i>Thunnus thynnus</i>	3
1098 <i>Prosthecochloris vibrioformis</i>	3
2775 <i>Gracilaria chilensis</i>	3
1197 <i>Fremyella diplosiphon</i>	3
12145 Tomato bushy stunt virus	3
121791 Nipah virus	3
9874 <i>Odocoileus virginianus</i>	3
1307 <i>Streptococcus suis</i>	3
12253 Tomato mosaic virus	3
10326 Equid herpesvirus 1	3
316 <i>Pseudomonas stutzeri</i>	3
2257 <i>Natronomonas pharaonis</i>	3
518 <i>Bordetella bronchiseptica</i>	3
817 <i>Bacteroides fragilis</i>	3
51453 <i>Hypocrea jecorina</i>	3
1354 <i>Enterococcus hirae</i>	3
12353 Enterobacteria phage RB69	3
1494 <i>Clostridium cochlearium</i>	3
6100 <i>Aequorea victoria</i>	3
31553 Papillomavirus sylvilagi (STRAIN KANSAS)	3
37554 Enterobacteria phage HK97	3
9685 <i>Felis catus</i>	3

Corected

62977 <i>Acinetobacter</i> sp. ADP1	3
12260 Bean pod mottle virus	3
103782 Pariacato virus	3
7102 <i>Heliothis virescens</i>	3
36436 Simian rotavirus A/SA11-4F	3
1765 <i>Mycobacterium bovis</i>	3
31645 Hepatitis C virus (isolate Taiwan)	3
10864 Enterobacteria phage fd	3
4076 <i>Datura stramonium</i>	3
10279 Molluscum contagiosum virus	3
10530 Murine adenovirus 1	3
1887 <i>Streptomyces albogriseolus</i>	3
35730 <i>Trematomus newnesi</i>	3
205488 Ebola virus sp.	3
4498 <i>Avena sativa</i>	3
219334 <i>Lactobacillus casei</i> subsp. <i>casei</i> ATCC 393	3
12475 Hepatitis delta virus	3
31646 Hepatitis C virus subtype 1a	3
2334 <i>Bacillus</i> sp. PS3	3
226900 <i>Bacillus cereus</i> ATCC 14579	3
12161 Beet yellows virus	3
263374 <i>Bordetella</i> phage BMP-1	3
82367 <i>Paracoccus pantotrophus</i>	3
6938 <i>Ornithodoros moubata</i>	3
48465 <i>Prostheco bacter dejongeii</i>	3
10333 Equine herpesvirus type 4 (strain 1942)	3
5821 <i>Plasmodium berghei</i>	3
103908 Echovirus 1 (strain Farouk / ATCC VR-1038)	3
33708 Murid herpesvirus 4	3
4682 <i>Allium sativum</i>	3
1772 <i>Mycobacterium smegmatis</i>	3
11686 Human immunodeficiency virus type 1 (BRU I)	3
198214 <i>Shigella flexneri</i> 2a str. 301	3
9770 <i>Balaenoptera physalus</i>	3
1406 <i>Paenibacillus polymyxa</i>	3
11034 Sindbis virus	3
35816 <i>Pelobacter acidigallici</i>	3
873 <i>Desulfovibrio africanus</i>	3
9597 <i>Pan paniscus</i>	3
10144 <i>Cavia cutleri</i>	3

Corected

382 <i>Sinorhizobium meliloti</i>	3
11689 Human immunodeficiency virus type 1 (ELI IS)	3
2210 <i>Methanosarcina thermophila</i>	3
35889 <i>Nicotiana glutinosa</i>	3
272558 <i>Bacillus halodurans</i> C-125	3
10623 Cottontail rabbit papillomavirus	3
10794 Minute virus of mice	3
1931 <i>Streptomyces</i> sp.	3
92694 <i>Rhodococcus</i> sp. NCIMB12038	3
10884 Mammalian orthoreovirus 1 Lang	3
198628 <i>Erwinia chrysanthemi</i> str. 3937	2
3711 <i>Brassica rapa</i>	2
920 <i>Acidithiobacillus ferrooxidans</i>	2
12023 <i>Pseudomonas</i> phage PP7	2
227984 SARS coronavirus Tor2	2
59201 <i>Salmonella enterica</i> subsp. <i>enterica</i>	2
10560 Bovine papillomavirus type 2	2
83331 <i>Mycobacterium tuberculosis</i> CDC1551	2
353152 <i>Cryptosporidium parvum</i> Iowa II	2
6359 <i>Platynereis dumerilii</i>	2
7004 <i>Locusta migratoria</i>	2
129910 <i>Arthrospira maxima</i>	2
3527 <i>Phytolacca americana</i>	2
715 <i>Actinobacillus pleuropneumoniae</i>	2
9490 <i>Saguinus oedipus</i>	2
12082 Human poliovirus 1 strain Sabin	2
64574 <i>Radiomyces spectabilis</i>	2
1324 <i>Streptococcus</i> sp. G148	2
12302 Brome mosaic virus	2
5306 <i>Phanerochaete chrysosporium</i>	2
10624 Polyomavirus	2
318586 <i>Paracoccus denitrificans</i> PD1222	2
1697 <i>Corynebacterium ammoniagenes</i>	2
374844 Enterobacteria phage G4 sensu lato	2
1932 <i>Streptomyces tendae</i>	2
337 <i>Burkholderia glumae</i>	2
435896 Human herpesvirus 8 type P	2
2280 <i>Staphylothermus marinus</i>	2
8631 <i>Laticauda semifasciata</i>	2
3663 <i>Cucurbita pepo</i>	2

Corected

45441 Enterobacteria phage L	2
67831 Rhipicephalus bursa	2
5514 Fusarium sporotrichioides	2
29170 Ancylostoma caninum	2
6192 Fasciola hepatica	2
1829 Rhodococcus rhodochrous	2
6703 Pandalus borealis	2
2104 Mycoplasma pneumoniae	2
198803 Bacillus sp. MN-32	2
12042 Beet western yellows virus	2
265874 Ectromelia virus Moscow	2
5059 Aspergillus flavus	2
10566 Human papillomavirus	2
1587 Lactobacillus helveticus	2
10714 Corynepage omega	2
100226 Streptomyces coelicolor A3(2)	2
11053 Dengue virus 1	2
487 Neisseria meningitidis	2
42003 Griffithsia monilis	2
9521 Saimiri sciureus	2
50339 Thermoplasma volcanium	2
272626 Listeria innocua Clip11262	2
28450 Burkholderia pseudomallei	2
10626 Hamster polyomavirus	2
322710 Azotobacter vinelandii DJ	2
375732 Influenza A virus (A/swine/England/191973/9)	2
11088 Tick-borne encephalitis virus (WESTERN SUI)	2
7130 Manduca sexta	2
224324 Aquifex aeolicus VF5	2
12134 Human rhinovirus 1A	2
258594 Rhodopseudomonas palustris CGA009	2
12643 Ectromelia virus	2
11138 Murine hepatitis virus	2
11706 HIV-1 M:B_HXB2R	2
47519 Calystegia sepium	2
927 Halothiobacillus neapolitanus	2
228407 SARS coronavirus BJ01	2
10310 Human herpesvirus 2	2
266834 Sinorhizobium meliloti 1021	2
101510 Rhodococcus jostii RHA1	2

Corected

1338 Streptococcus intermedius	2
324602 Chloroflexus aurantiacus J-10-fl	2
1718 Corynebacterium glutamicum	2
379746 Influenza A virus (A/sw/Obihiro/1/1994(H3N2)	2
109171 Pachyrhizus erosus	2
11089 Yellow fever virus	2
2743 Marinobacter hydrocarbonoclasticus	2
194439 Chlorobium tepidum TLS	2
54914 Brevibacillus parabrevis	2
12136 Cricket paralysis virus	2
80863 Populus tremula x Populus alba	2
1520 Clostridium beijerinckii	2
29303 Streptomyces cattleya	2
6238 Caenorhabditis briggsae	2
119072 Thermoanaerobacter tengcongensis	2
11707 Human immunodeficiency virus type 1 (HXB3	2
10724 Bacillus phage SPP1	2
305 Ralstonia solanacearum	2
11063 Dengue virus 2 Malaysia M3	2
130308 Human adenovirus E	2
8175 Sparus aurata	2
51336 Cabbage leaf curl virus	2
65406 Pseudomonas sp. 7A	2
10370 Human herpesvirus 6 (strain Uganda-1102)	2
5341 Agaricus bisporus	2
77133 uncultured bacterium	2
28502 Amaranthus hypochondriacus	2
1956 Streptomyces diastaticus	2
350 Zoogloea ramigera	2
194699 Bordetella phage BPP-1	2
3679 Ecballium elaterium	2
224326 Borrelia burgdorferi B31	2
55084 Pandinus imperator	2
10255 Variola virus	2
4906 Williopsis saturnus	2
1398 Bacillus coagulans	2
93934 Coturnix japonica	2
31902 Dasyatis akajei	2
11176 Newcastle disease virus	2
47914 Brevibacterium fuscum	2

Corected

1306 Streptococcus sp.	2
11065 Dengue virus 2 Thailand/NGS-C/1944	2
512 Alcaligenes sp.	2
51350 Brassica rapa subsp. rapa	2
12107 Mengo virus	2
272844 Pyrococcus abyssi GE5	2
10634 Murine polyomavirus	2
6087 Hydra vulgaris	2
1744 Propionibacterium freudenreichii	2
192 Azospirillum brasilense	2
380344 Influenza A virus (A/chicken/Hong Kong/14/1957)	2
452646 Neovison vison	2
7159 Aedes aegypti	2
195058 Naja sagittifera	2
9675 Paguma larvata	2
4043 Petroselinum crispum	2
10258 Orf virus	2
81759 Hyacinthoides hispanica	2
1848 Pseudonocardia thermophila	2
31958 Amycolatopsis orientalis	2
275 Thermus sp.	2
8844 Anser anser anser	2
5085 Aspergillus fumigatus	2
307796 Saccharomyces cerevisiae YJM789	2
5759 Entamoeba histolytica	2
30077 Triatoma pallidipennis	2
16 Methylophilus	2
11868 Avian myelocytomatosis virus 29	2
77929 Rhodomonas sp.	2
380350 Influenza A virus (A/swine/Beijing/47/1991)(H1N1)	2
6526 Biomphalaria glabrata	2
7165 Anopheles gambiae	2
196620 Staphylococcus aureus subsp. aureus MW2	2
11983 Norwalk virus	2
1245 Leuconostoc mesenteroides	2
12147 Tomato bushy stunt virus (STRAIN CHERRY)	2
262338 SARS coronavirus GD03T0013	2
1553 Clostridium tetanomorphum	2
348776 Mycobacterium tuberculosis C	2
6279 Brugia malayi	2

Corected

32002 <i>Achromobacter denitrificans</i>	2
10995 Infectious bursal disease virus	2
122586 <i>Neisseria meningitidis</i> MC58	2
2188 <i>Methanococcus voltae</i>	2
40353 <i>Echis carinatus</i>	2
670 <i>Vibrio parahaemolyticus</i>	2
1427 <i>Bacillus thermoproteolyticus</i>	2
11070 Dengue virus 4	2
132961 <i>Bungarus caeruleus</i>	2
11604 Puumala virus	2
12116 Foot-and-mouth disease virus - type C	2
244589 <i>Sulfolobus virus</i> 1	2
12371 Phage h30	2
5386 <i>Xerocomus chrysenteron</i>	2
6550 <i>Mytilus edulis</i>	2
11104 Hepatitis C virus (isolate 1)	2
503404 Tomato yellow leaf curl virus-Mild [Japan:Atur	2
11683 Human immunodeficiency virus type 1 (Z2/CC	2
8705 <i>Vipera ammodytes ammodytes</i>	2
899 <i>Desulfomicrobium baculatum</i>	2
12154 Turnip yellow mosaic virus	2
5689 <i>Leishmania tarentolae</i>	2
1580 <i>Lactobacillus brevis</i>	2
10685 <i>Bacillus</i> phage SPO1	2
280 <i>Xanthobacter autotrophicus</i>	2
123217 <i>Anopheles cracens</i>	2
11207 Simian virus 5	2
176674 Influenza A virus (A/Duck/Hong Kong/2986.1/	2
3840 <i>Vigna unguiculata</i> subsp. <i>cylindrica</i>	2
48386 <i>Perilla frutescens</i>	2
9925 <i>Capra hircus</i>	2
12264 Cowpea mosaic virus	2
1428 <i>Bacillus thuringiensis</i>	2
311246 Influenza A virus (A/Mongolia/162/91(H1N1))	2
85698 <i>Achromobacter xylosoxidans</i>	2
30408 <i>Crossoptilon crossoptilon</i>	2
319 <i>Pseudomonas syringae</i> pv. <i>phaseolicola</i>	2
11072 Japanese encephalitis virus	2
529 <i>Ochrobactrum anthropi</i>	2
190485 <i>Xanthomonas campestris</i> pv. <i>campestris</i> str. /	2
11876 Avian sarcoma virus	2

Corected

246196 Mycobacterium smegmatis str. MC2 155	2
1360 Lactococcus lactis subsp. lactis	2
1498 Clostridium histolyticum	2
28875 Rotavirus A	2
1769 Mycobacterium leprae	2
223 Achromobacter cycloclastes	2
375 Bradyrhizobium japonicum	2
8714 Gloydus halys	2
70698 M28 virus	2
13555 Haemadipsa sylvestris	2
291940 Artocarpus hirsutus	2
11208 Simian virus 5 (strain W3)	2
7719 Ciona intestinalis	2
208893 Human respiratory syncytial virus A	2
3843 Erythrina corallodendron	2
4511 Eleusine coracana	2
12285 Black beetle virus	2
69 Lysobacter enzymogenes	2
6436 Themiste dyscritum	2
135461 Bacillus subtilis subsp. subtilis	2
36773 Burkholderia sp.	2
10641 Cauliflower mosaic virus	2
6182 Schistosoma japonicum	2
91753 Cucurbit aphid-borne yellows virus	2
381 Mesorhizobium loti	2
8717 Calloselasma rhodostoma	2
3704 Armoracia rusticana	2
10553 Fowl adenovirus 1	2
11216 Human parainfluenza virus 3	2
180454 Anopheles gambiae str. PEST	2
240269 Paramecium bursaria Chlorella virus AN69C	2
5270 Ustilago maydis	2
10614 Human papillomavirus type 3	2
6437 Themiste zostericola	2
103944 Protobothrops mucrosquamatus	2
1929 Streptomyces rubiginosus	2
11077 Kunjin virus	2
2271 Thermoproteus tenax	2
190650 Caulobacter crescentus CB15	2
11879 Avian sarcoma virus PR2257	2

Corected

1147 Synechocystis sp. PCC 6714	2
257309 Corynebacterium diphtheriae NCTC 13129	2
4754 Pneumocystis carinii	2
273063 Sulfolobus tokodaii str. 7	2
31708 Human rhinovirus 16	2
382841 Influenza A virus (A/seal/MA/3984/1992(H3N2))	2
155077 Cellvibrio japonicus	2
198215 Shigella flexneri 2a str. 2457T	2
9793 Equus asinus	2
4087 Nicotiana glauca	2
1408 Bacillus pumilus	2
480 Moraxella catarrhalis	2
3505 Betula pendula	2
11741 Visna/Maedi virus	2
12288 Nodamura virus	2
6442 Phascolopsis gouldii	2
11641 Human foamy virus	2
45410 Hepatitis B virus adw4/Brazil/isolate w4b	2
11885 Fujinami sarcoma virus	2
223283 Pseudomonas syringae pv. tomato str. DC3000	2
3916 Vigna radiata var. radiata	2
67825 Citrobacter rodentium	2
79676 Pseudomonas sp. CF600	2
394 Rhizobium sp. NGR234	2
167804 Dipsochelys dussumieri	1
3120 Ulva pertusa	1
40001 Cellulomonas sp.	1
648 Aeromonas punctata	1
46758 Lobophyllia hemprichii	1
1288 Staphylococcus xylosum	1
12222 Soybean mosaic virus	1
10304 Herpes simplex virus (type 1 / strain F)	1
265872 Cowpox virus (Brighton Red)	1
5053 Aspergillus aculeatus	1
300269 Shigella sonnei Ss046	1
1585 Lactobacillus delbrueckii subsp. bulgaricus	1
29461 Brucella suis	1
99571 Dioclea guianensis	1
1897 Streptomyces carzinostaticus	1
32059 Phormidium laminosum	1

Corected

11047 Equine arteritis virus	1
405212 Alicyclobacillus acidocaldarius	1
35933 Podophyllum peltatum	1
549 Pantoea agglomerans	1
11351 \N	1
184922 Giardia lamblia ATCC 50803	1
11788 Abelson murine leukemia virus	1
49899 Thermococcus profundus	1
4550 Secale cereale	1
76306 Mimosa pudica	1
1467 Bacillus lentus	1
28344 Porcine reproductive and respiratory syndrom	1
5850 Plasmodium knowlesi	1
6454 Haliotis rufescens	1
33931 Bacillus caldovelox	1
7123 Hyalophora cecropia	1
142803 Rice dwarf virus (isolate Akita)	1
37133 Tula virus	1
2465 Plasmid F	1
592 \N	1
192222 Campylobacter jejuni subsp. jejuni NCTC 111	1
12618 Chicken anemia virus	1
10497 African swine fever virus	1
79679 Thermococcus sp. KS-1	1
1512 Clostridium symbiosum	1
10677 Enterobacteria phage Mu	1
343250 Daboia russellii siamensis	1
92829 Xanthomonas axonopodis pv. citri	1
31749 Obuda pepper virus	1
35304 Bunyamwera virus	1
11128 Bovine coronavirus	1
542959 BPP-1-like phages	1
7242 Drosophila sp.	1
3316 Thuja plicata	1
40050 African horsesickness virus	1
658 Photobacterium leiognathi subsp. leiognathi	1
921 Starkeya novella	1
9798 Equus przewalskii	1
228330 SARS coronavirus Urbani	1
10308 Herpes simplex virus (type 1 / strain Patton)	1

Corected

72539 Physalis mottle virus	1
1411 Bacillus akibai	1
29549 Rhodothermus marinus	1
6396 Eisenia fetida	1
32060 Phormidium lapideum	1
408870 Dengue virus 3 Philippines/H87/1956	1
7010 Schistocerca gregaria	1
129951 Human adenovirus C	1
35936 Lablab purpureus	1
11484 Influenza A virus (A/whale/Maine/1/84(H13N9	1
185431 Trypanosoma brucei TREU927	1
11791 AKR (endogenous) murine leukemia virus	1
3873 Lupinus luteus	1
64608 Agrocybe cylindracea	1
1334 Streptococcus dysgalactiae	1
12303 Cowpea chlorotic mottle virus	1
5319 Irpex lacteus	1
76854 Shewanella massilia	1
1717 Corynebacterium diphtheriae	1
31234 Caenorhabditis remanei	1
10829 Squash leaf curl virus	1
6456 Haliotis fulgens	1
108619 Salmonella enterica subsp. enterica serovar N	1
1938 Streptomyces viridochromogenes	1
33950 Thermoanaerobacterium thermosulfurigenes	1
437607 Influenza A virus (A/hvPR8/34(H1N1))	1
144185 Leifsonia aquatica	1
2489 Plasmid R483	1
38577 Bufo arenarum	1
11670 Equine infectious anemia virus (CLONE 1369	1
8644 Naja mossambica	1
192952 Methanosarcina mazei Go1	1
45596 Candida tenuis	1
11888 Rous sarcoma virus - Prague C	1
3981 Hevea brasiliensis	1
54571 Streptomyces venezuelae	1
68170 Lechevalieria aerocolonigenes	1
5541 Thermomyces lanuginosus	1
79930 Methanothermobacter thermotrophicus str.	1
344021 Enterobacteria phage K1F	1

Corected

6206	<i>Taenia saginata</i>	1
383561	Influenza A virus (A/swine/Italy/1850/1977)(H3	1
6706	<i>Homarus americanus</i>	1
118974	<i>Stromatopelma griseipes</i>	1
35345	Lactococcus phage TP901-1	1
7244	<i>Drosophila virilis</i>	1
157732	<i>Rhodococcus</i> sp. NCIMB 9784	1
169963	<i>Listeria monocytogenes</i> EGD-e	1
659	<i>Photobacterium phosphoreum</i>	1
199306	<i>Coccidioides posadasii</i>	1
3750	<i>Malus x domestica</i>	1
12054	unidentified tobacco necrosis virus	1
59511	<i>Pseudomonas syringae</i> pv. <i>maculicola</i>	1
12230	Turnip mosaic virus	1
73044	<i>Streptomyces seoulensis</i>	1
13818	<i>Adiantum capillus-veneris</i>	1
1589	<i>Lactobacillus pentosus</i>	1
29760	<i>Vitis vinifera</i>	1
10715	<i>Staphylococcus</i> phage 42D.m	1
360102	<i>Yersinia pestis</i> Antiqua	1
32536	<i>Acinonyx jubatus</i>	1
7038	<i>Bemisia tabaci</i>	1
130081	<i>Galdieria sulphuraria</i>	1
491	<i>Neisseria meningitidis</i> serogroup B	1
185447	<i>Parkia platycephala</i>	1
3559	<i>Chenopodium album</i>	1
9523	<i>Callicebus moloch</i>	1
212017	<i>Lethocerus indicus</i>	1
50472	<i>Hordeum</i> sp.	1
12305	Cucumber mosaic virus	1
272631	<i>Mycobacterium leprae</i> TN	1
5322	<i>Pleurotus ostreatus</i>	1
76935	<i>Bacillus agaradhaerens</i>	1
1479	<i>Bacillus smithii</i>	1
88764	<i>Conus episcopatus</i>	1
31285	<i>Trypanosoma brucei gambiense</i>	1
10843	Enterobacteria phage G4	1
6494	<i>Conus textile</i>	1
1950	<i>Streptomyces peucetius</i>	1
33953	<i>Clostridium aminobutyricum</i>	1

Corected

346	<i>Xanthomonas citri</i>	1
7141	<i>Choristoneura fumiferana</i>	1
38868	<i>Salvia officinalis</i>	1
8649	<i>Naja kaouthia</i>	1
3983	<i>Manihot esculenta</i>	1
1172	<i>Anabaena variabilis</i>	1
260674	<i>Citrullus lanatus</i> subsp. <i>vulgaris</i>	1
1397	<i>Bacillus circulans</i>	1
280048	<i>Copaifera langsdorffii</i>	1
5554	<i>Trichosporon cutaneum</i>	1
10679	<i>Enterobacteria</i> phage P2	1
345073	<i>Vibrio cholerae</i> O395	1
31768	Hepatitis E virus (strain Mexico)	1
272	<i>Thermus caldophilus</i>	1
10927	Bovine rotavirus	1
2130	<i>Ureaplasma urealyticum</i>	1
35621	<i>Streptomyces mobaraensis</i>	1
7370	<i>Musca domestica</i>	1
157791	<i>Vigna radiata</i>	1
7801	<i>Ginglymostoma cirratum</i>	1
3349	<i>Pinus sylvestris</i>	1
3816	<i>Abrus precatorius</i>	1
940	<i>Hydrogenobacter thermophilus</i>	1
228410	<i>Nitrosomonas europaea</i> ATCC 19718	1
59837	<i>Leiostomus xanthurus</i>	1
1302	<i>Streptococcus gordonii</i>	1
12242	Tobacco mosaic virus	1
266835	<i>Mesorhizobium loti</i> MAFF303099	1
73147	Oat sterile dwarf virus	1
301887	<i>Echinophyllia</i> sp. SC22	1
5741	<i>Giardia intestinalis</i>	1
29910	<i>Tolypocladium inflatum</i>	1
6410	<i>Haementeria officinalis</i>	1
102203	<i>Favia fava</i>	1
32603	Human herpesvirus 6A	1
418136	<i>Francisella tularensis</i> subsp. <i>tularensis</i> WY96	1
11250	Human respiratory syncytial virus	1
11531	Influenza B virus (STRAIN B/HONG KONG/8/	1
43306	<i>Pseudomonas denitrificans</i>	1
735	<i>Haemophilus parahaemolyticus</i>	1

Corected

213804	<i>Janthinobacterium</i> sp. J3	1
12092	Hepatitis A virus	1
10092	<i>Mus musculus domesticus</i>	1
12315	Tomato aspermy virus	1
272634	<i>Mycoplasma pneumoniae</i> M129	1
326425	<i>Lactobacillus helveticus</i> CNRZ32	1
188	<i>Magnetospirillum magnetotacticum</i>	1
380285	Influenza A virus (A/turkey/Ireland/1378/1983)	1
34007	<i>Paracoccus versutus</i>	1
11090	Yellow fever virus 17D	1
445985	<i>Borrelia burgdorferi</i> ZS7	1
145263	<i>Methanothermobacter marburgensis</i>	1
37487	<i>Marichromatium purpuratum</i>	1
2771	<i>Cyanidium caldarium</i>	1
38945	<i>Flammulina velutipes</i>	1
45916	<i>Nostoc ellipsosporum</i>	1
882	<i>Desulfovibrio vulgaris</i> str. Hildenborough	1
9634	<i>Helarctos malayanus</i>	1
1188	<i>Tolypothrix</i> sp. PCC 7601	1
12139	Southern bean mosaic virus	1
69011	<i>Pseudomonas</i> sp. C18	1
10519	Human adenovirus 7	1
282458	<i>Staphylococcus aureus</i> subsp. <i>aureus</i> MRSA	1
80866	<i>Delftia acidovorans</i>	1
29309	<i>Streptomyces verticillus</i>	1
10680	Enterobacteria phage P4	1
10969	Rhesus rotavirus	1
6728	<i>Procambarus clarkii</i>	1
35670	<i>Naja naja</i>	1
435	<i>Acetobacter aceti</i>	1
7389	<i>Hypoderma lineatum</i>	1
171101	<i>Streptococcus pneumoniae</i> R6	1
3352	<i>Pinus taeda</i>	1
40245	<i>Cucumaria echinata</i>	1
668	<i>Vibrio fischeri</i>	1
964	<i>Herbaspirillum seropedicae</i>	1
9844	<i>Lama glama</i>	1
229992	SARS coronavirus Frankfurt 1	1
4120	<i>Ipomoea batatas</i>	1
61172	Laguna Negra virus	1

Corected

10324 Bovine herpesvirus type 1.1 (strain P8-2)	1
18101 Gerbera hybrid cultivar	1
306263 Campylobacter lari RM2100	1
5755 Acanthamoeba castellanii	1
30076 Triatoma infestans	1
10726 Enterobacteria phage T5	1
6419 Hirudinaria manillensis	1
419947 Mycobacterium tuberculosis H37Ra	1
7070 Tribolium castaneum	1
130309 Human adenovirus F	1
2243 Halobacterium sp.	1
36374 Visna/maedi virus EV1 KV1772	1
11251 Human respiratory syncytial virus (subgroup E	1
186538 Zaire ebolavirus	1
3567 Amaranthus caudatus	1
43759 Streptomyces wedmorensis	1
813 Chlamydia trachomatis	1
11863 Avian erythroblastosis virus (strain S13)	1
214092 Yersinia pestis CO92	1
243277 Vibrio cholerae O1 biovar El Tor str. N16961	1
4615 Ananas comosus	1
65553 Sulfurospirillum deleyianum	1
12336 Clostridium phage c-st	1
5346 Coprinopsis cinerea	1
77763 Banna virus	1
28503 Sambucus ebulus	1
329852 Enterobacteria phage MS2	1
90370 Salmonella enterica subsp. enterica serovar T	1
31552 Human papillomavirus type 6	1
1963 Streptomyces olivochromogenes	1
34028 Comamonas sp.	1
11099 Bovine viral diarrhea virus 1	1
37501 Maackia amurensis	1
39152 Methanococcus maripaludis	1
8665 Ophiophagus hannah	1
3690 Populus x canadensis	1
45920 Araneus diadematus	1
883 Desulfovibrio vulgaris str. 'Miyazaki F'	1
11960 Avian myeloblastosis-associated virus	1
224914 Brucella melitensis 16M	1

Corected

261594 <i>Bacillus anthracis</i> str. 'Ames Ancestor'	1
4920 <i>Pichia farinosa</i>	1
69014 <i>Thermococcus kodakarensis</i> KOD1	1
1399 <i>Bacillus firmus</i>	1
12814 Respiratory syncytial virus	1
1550 <i>Clostridium subterminale</i>	1
29323 <i>Thermoanaerobacter brockii</i>	1
10683 <i>Bacillus</i> phage PBS1	1
347515 <i>Leishmania major</i> strain Friedlin	1
95649 <i>Bothrops neuwiedi pauloensis</i>	1
6772 <i>Celuca pugilator</i>	1
2186 <i>Methanothermococcus thermolithotrophicus</i>	1
35688 <i>Porphyridium purpureum</i>	1
438 <i>Acetobacter pasteurianus</i>	1
7425 <i>Nasonia vitripennis</i>	1
158879 <i>Staphylococcus aureus</i> subsp. <i>aureus</i> N315	1
7957 <i>Carassius auratus</i>	1
175771 <i>Heteractis crispa</i>	1
40324 <i>Stenotrophomonas maltophilia</i>	1
47969 <i>Oreochromis aureus</i>	1
230105 <i>Methylophaga aminisulfivorans</i>	1
61861 <i>Canavalia brasiliensis</i>	1
269086 <i>Pseudomonas</i> sp. SY-77-1	1
73475 Chicken anemia virus Cuxhaven-1/Germany	1
1426 <i>Geobacillus thermoglucosidasius</i>	1
28039 <i>Lactobacillus leichmannii</i>	1
10730 <i>Enterobacteria</i> phage 933W	1
1914 <i>Streptomyces lavendulae</i>	1
11066 Dengue virus 2 Puerto Rico/PR159-S1/1969	1
132504 Influenza A virus (A/X-31(H3N2))	1
563 <i>Escherichia blattae</i>	1
3570 <i>Dianthus caryophyllus</i>	1
216371 <i>Penicillium stoloniferum</i> virus S	1
3891 <i>Psophocarpus tetragonolobus</i>	1
1108 <i>Chloroflexus aurantiacus</i>	1
243365 <i>Chromobacterium violaceum</i> ATCC 12472	1
4641 <i>Musa acuminata</i>	1
65699 <i>Neisseria meningitidis</i> serogroup A	1
5353 <i>Lentinula edodes</i>	1
28572 <i>Penicillium funiculosum</i>	1

Corected

329853 Enterobacteria phage BZ13	1
90736 Moritella marina	1
10863 Enterobacteria phage f1	1
113192 Bothrops pirajai	1
2017 Streptoalloteichus hindustanus	1
34381 Aspergillus japonicus	1
39300 Ectatomma tuberculatum	1
3691 Populus nigra	1
887 \N	1
4072 Capsicum annum	1
55810 Bulinus truncatus	1
10259 Orf virus (strain NZ2)	1
1400 Bacillus intermedius	1
10529 Human adenovirus 31	1
290338 Citrobacter koseri ATCC BAA-895	1
81841 Pseudomonas sp. 130	1
29342 Clostridium botulinum D phage	1
96471 Bacillus sp. YM55-1	1
276 Thermus filiformis	1
35703 Citrobacter amalonaticus	1
442 Gluconobacter oxydans	1
11195 Sendai virus (strain Fushimi)	1
7460 Apis mellifera	1
160268 Clonostachys	1
7962 Cyprinus carpio	1
11716 Human immunodeficiency virus type 2 (ISOL#	1
204723 Peniophora sp. SG	1
3837 Dioclea grandiflora	1
47982 Plexaura homomalla	1
230624 Trametes ochracea	1
4265 Cynara cardunculus	1
10329 Equine herpesvirus type 1 (strain Kentucky A)	1
269145 Sulfolobus turreted icosahedral virus	1
28068 Rubrivivax gelatinosus	1
10593 Human papillomavirus type 45	1
309800 Haloferax volcanii DS2	1
85232 Morus nigra	1
1642 Listeria innocua	1
30308 Ichthyomyzon unicuspis	1
360398 Staphylococcus phage phiPVL108	1

Corected

33178 <i>Aspergillus terreus</i>	1
11278 Vesicular stomatitis Indiana virus strain Glasg	1
3619 <i>Rumex obtusifolius</i>	1
44270 <i>Leishmania mexicana mexicana</i>	1
11873 Avian musculoaponeurotic fibrosarcoma virus	1
9548 <i>Macaca radiata</i>	1
3902 <i>Ulex europaeus</i>	1
52275 Human adenovirus 37	1
4670 <i>Galanthus nivalis</i>	1
66188 <i>Micropechis ikaheka</i>	1
272944 <i>Rickettsia conorii</i> str. Malish 7	1
78245 <i>Xanthobacter autotrophicus</i> Py2	1
1496 <i>Clostridium difficile</i>	1
28737 <i>Elephantulus edwardii</i>	1
90973 <i>Bacillus</i> sp. TA2.A1	1
380983 Influenza A virus (A/Leningrad/134/47/1957(H	1
113636 <i>Populus tremula</i>	1
2021 <i>Thermobifida fusca</i>	1
34413 <i>Humicola insolens</i>	1
361 <i>Agrobacterium</i> sp.	1
7168 <i>Anopheles dirus</i>	1
148603 <i>Mycobacterium</i> phage Bxb1	1
2327 <i>Methylophilus methylotrophus</i> W3A1	1
37632 <i>Amycolatopsis</i> sp.	1
2788 <i>Porphyra yezoensis</i>	1
39443 Carnation Italian ringspot virus	1
196627 <i>Corynebacterium glutamicum</i> ATCC 13032	1
3693 <i>Populus tremuloides</i>	1
46018 Human echovirus 7	1
11986 Carnation mottle virus	1
9739 <i>Tursiops truncatus</i>	1
4931 <i>Saccharomyces bayanus</i>	1
13249 <i>Rhodnius prolixus</i>	1
82300 Adeno-associated virus - 5	1
29388 <i>Staphylococcus capitis</i>	1
348780 <i>Natronomonas pharaonis</i> DSM 2160	1
6282 <i>Onchocerca volvulus</i>	1
97228 <i>Daboia russellii pulchella</i>	1
32044 <i>Pseudomonas mevalonii</i>	1
11008 <i>Saccharomyces cerevisiae</i> virus L-A (L1)	1

Corected

390157 Seneca valley virus	1
6853 Tachypleus tridentatus	1
471 Acinetobacter calcoaceticus	1
7668 Strongylocentrotus purpuratus	1
160490 Streptococcus pyogenes M1 GAS	1
7998 Ictalurus punctatus	1
40410 Cryptococcus neoformans var. neoformans	1
672 Vibrio vulnificus	1
8932 Columba livia	1
237561 Candida albicans SC5314	1
63330 Hendra virus	1
10331 Equid herpesvirus 4	1
269446 Rous sarcoma virus (strain Schmidt-Ruppin A	1
74567 Flavobacterium sp. ATCC 27551	1
28081 Bordetella sp.	1
10598 Human papillomavirus type 58	1
6431 Urechis caupo	1
103904 Coxsackievirus B3 (strain Woodruff)	1
1921 Streptomyces olivaceoviridis	1
33703 Suid herpesvirus 1 strain Kaplan	1
425529 Influenza A virus (A/Albany/3/1970(H3N2))	1
7108 Spodoptera frugiperda	1
134821 Ureaplasma parvum	1
36659 Volvariella volvacea	1
11283 Vesicular stomatitis virus (serotype New Jersey)	1
8400 Rana catesbeiana	1
3627 Actinidia deliciosa	1
9556 Papio cynocephalus	1
52853 Silene latifolia subsp. alba	1
12118 Foot-and-mouth disease virus - type O	1
4679 Allium cepa	1
66431 Streptomyces thioluteus	1
10383 Herpesvirus saimiri (strain 11)	1
78447 Corallina pilulifera	1
10637 Mouse polyomavirus (strain Crawford small-p	1
6118 Entacmaea quadricolor	1
91201 Gastrodia elata	1
10870 Enterobacteria phage M13	1
381517 Influenza A virus (A/Udorn/307/1972(H3N2))	1
6561 Scapharca inaequalvis	1

Corected

115547 uncultured archaeon	1
34631 Rhipicephalus appendiculatus	1
37682 Aegilops tauschii	1
161736 Pseudomonas phage phi12	1
3054 Chlamydomonas moewusii	1
39803 Enterobacteria phage Qbeta	1
46170 Staphylococcus aureus subsp. aureus	1
11988 Turnip crinkle virus	1
9749 Delphinapterus leucas	1
56812 Shewanella frigidimarina	1
1270 Micrococcus luteus	1
10533 Human adenovirus 1	1
1582 Lactobacillus casei	1
29390 Streptococcus gordonii str. Challis	1
10690 Haemophilus phage HP1	1
349102 Rhodobacter sphaeroides ATCC 17025	1
6334 Trichinella spiralis	1
97234 Dryopteris crassirhizoma	1
1890 Streptomyces antibioticus	1
392809 Influenza A virus (A/Victoria/3/1975(H3N2))	1
126794 Vaccinia virus Ankara	1
35806 Rhodovulum sulfidophilum	1
472 Acinetobacter sp.	1
178306 Pyrobaculum aerophilum str. IM2	1
3496 Maclura pomifera	1
674 Vibrio mimicus	1
237895 Cryptosporidium hominis	1
271108 Bombyx mori NPV	1
5207 Filobasidiella neoformans	1
75891 Thermus sp. IM6501	1
1434 Bacillus thuringiensis serovar berliner	1
28278 Human adenovirus 19	1
311400 Thermococcus kodakarensis	1
364106 Escherichia coli UT189	1
1924 Streptomyces purpurascens	1
322 Pseudomonas syringae pv. tabaci	1
11073 Japanese encephalitis virus strain SA-14	1
431947 Porphyromonas gingivalis ATCC 33277	1
536 Chromobacterium violaceum	1
11292 Rabies virus	1

Corected

37734 <i>Enterococcus casseliflavus</i>	1
584 <i>Proteus mirabilis</i>	1
11623 Lymphocytic choriomeningitis virus	1
8403 <i>Rana perezii</i>	1
44822 <i>Microcystis viridis</i>	1
11878 Avian sarcoma virus CT10	1
221204 <i>Hieracium pilosella</i>	1
3911 <i>Vicia villosa</i>	1
52861 <i>Tabernaemontana divaricata</i>	1
66695 <i>Citrobacter intermedius</i>	1
12538 Mokola virus	1
28896 <i>Thermoanaerobacterium saccharolyticum</i>	1
228 <i>Pseudoalteromonas haloplanktis</i>	1
2045 <i>Pimelobacter simplex</i>	1
34649 <i>Mesobuthus martensii</i>	1
517417 <i>Chlorobaculum parvum</i> NCIB 8327	1
7225 <i>Scaptodrosophila lebanonensis</i>	1
154834 Panicum mosaic satellite virus	1
46245 <i>Drosophila pseudoobscura pseudoobscura</i>	1
907 <i>Megasphaera elsdenii</i>	1
12017 Enterobacteria phage fr	1
58217 <i>Loxosceles laeta</i>	1
264730 <i>Pseudomonas syringae</i> pv. phaseolicola 1448	1
4934 <i>Lachancea kluyveri</i>	1
70821 <i>Desmodium</i> yellow mottle virus	1
13616 <i>Monodelphis domestica</i>	1
293055 Influenza A virus (A/mallard/Ohio/556/1987(H	1
82835 \N	1
1583 <i>Weissella confusa</i>	1
29438 <i>Pseudomonas savastanoi</i>	1
6339 <i>Heligmosomoides polygyrus</i>	1
32049 <i>Synechococcus</i> sp. PCC 7002	1
394503 <i>Clostridium cellulolyticum</i> H10	1
129555 <i>Amphitrite ornata</i>	1
476 <i>Moraxella bovis</i>	1
7723 <i>Polyandrocampa misakiensis</i>	1
3501 <i>Urtica dioica</i>	1
686 <i>Vibrio cholerae</i> O1 biovar El tor	1
11733 Simian immunodeficiency virus (MM142-83 IS	1
49577 <i>Costus speciosus</i>	1

Corected

63559	<i>Penicillium amagasakiense</i>	1
12287	Flock house virus	1
76114	<i>Aromatoleum aromaticum</i> EbN1	1
1445	<i>Bacillus alcalophilus</i>	1
315277	<i>Chlamydia trachomatis</i> A/HAR-13	1
5827	<i>Plasmodium cynomolgi</i>	1
1679	<i>Bifidobacterium longum</i> subsp. <i>longum</i>	1
30608	<i>Microcebus murinus</i>	1
84	<i>Hyphomicrobium methylovorum</i>	1
10761	Enterobacteria phage Sf6	1
367830	<i>Staphylococcus aureus</i> subsp. <i>aureus</i> USA3C	1
33900	<i>Streptomyces murinus</i>	1
432528	<i>Grammostola rosea</i>	1
7116	<i>Pieris brassicae</i>	1
140437	<i>Streptomyces</i> sp. R1128	1
37114	Human papillomavirus type 55	1
37762	<i>Escherichia coli</i> B	1
11636	Reticuloendotheliosis virus	1
3654	<i>Citrullus lanatus</i>	1
45151	<i>Pyrenophora tritici-repentis</i>	1
222737	\N	1
3914	<i>Vigna angularis</i>	1
52969	<i>Ascophyllum nodosum</i>	1
67723	<i>Amanita phalloides</i>	1
12541	<i>Nudaurelia capensis</i> omega virus	1
5499	<i>Passalora fulva</i>	1
79261	<i>Streptomyces castaneoglobisporus</i>	1
92652	Shrimp white spot syndrome virus	1
6644	\N	1
117138	Brome streak virus (strain 11-Cal)	1
2093	<i>Mycoplasma</i>	1
34839	<i>Chinchilla lanigera</i>	1
2337	<i>Thermotoga neapolitana</i>	1
7748	<i>Lampetra fluviatilis</i>	1
167644	<i>Ilyobacter tartaricus</i>	1
3088	<i>Scenedesmus obliquus</i>	1
8722	<i>Bothrops asper</i>	1
12022	Enterobacterio phage MS2	1
58226	<i>Comamonas</i> sp. JS765	1
10301	Herpes simplex virus (type 1 / strain Angelotti)	1

Corected

264732 Moorella thermoacetica ATCC 39073	1
4952 Yarrowia lipolytica	1
70863 Shewanella oneidensis	1
13686 Solenopsis invicta	1
298334 Simian adenovirus A	1
5699 Trypanosoma vivax	1
83131 Cratylia argentea	1
1584 Lactobacillus delbrueckii	1
29459 Brucella melitensis	1
10711 Enterobacteria phage P21	1
352525 Influenza A virus (A/duck/Potsdam/2216-4/19	1
6352 \N	1
99565 Chiba virus	1
11036 Venezuelan equine encephalitis virus	1
404579 Pseudomonas sp. PS-7	1
6956 Dermatophagoides pteronyssinus	1
11217 Human parainfluenza 3 virus (strain NIH 4788	1
8049 Gadus morhua	1
182271 Pterocarpus angolensis	1
40979 Cocksfoot mottle virus	1
713 Actinobacillus	1
9267 Didelphis virginiana	1
210007 Streptococcus mutans UA159	1
49817 Erythrina crista-galli	1
242619 Porphyromonas gingivalis W83	1
64091 Halobacterium sp. NRC-1	1
5286 Rhodosporidium toruloides	1
76275 Rhodococcus sp. R312	1
1449 Amphibacillus xylanus	1
86600 Discosoma sp.	1
1680 Bifidobacterium adolescentis	1
31159 Daboia russellii russellii	1
105402 Zoanthus sp.	1
33903 Streptomyces avermitilis	1
329 Ralstonia pickettii	1
7119 Antheraea pernyi	1
141716 Monomastix sp. OKE-1	1
2277 Pyrobaculum islandicum	1
37122 Human papillomavirus type 6a	1
2378 Sporomusa ovata	1

Corected

37919	Rhodococcus opacus	1
587	Providencia rettgeri	1
192168	Arthrobacter sp. C2-2	1
53412	Pseudomonas resinovorans	1
257311	Bordetella parapertussis 12822	1
4839	Rhizomucor miehei	1
12558	Sesbania mosaic virus	1
10450	Orgyia pseudotsugata single capsid nucleopoly	1
273068	Thermoanaerobacter tengcongensis MB4	1
5507	Fusarium oxysporum	1
1511	Clostridium sticklandii	1
337052	Bovine papillomavirus - 1	1
6185	Schistosoma haematobium	1
1823	Nocardia otitidiscaviarum	1
31744	Rice yellow mottle virus	1
6689	Litopenaeus vannamei	1
117911	Shewanella sp. SIB1	1
2094	Mycoplasma arginini	1
35170	Corallina officinalis	1
11122	Avian infectious bronchitis virus (strain Beaud	1
538123	Mammalian orthoreovirus 3	1
7240	Drosophila simulans	1