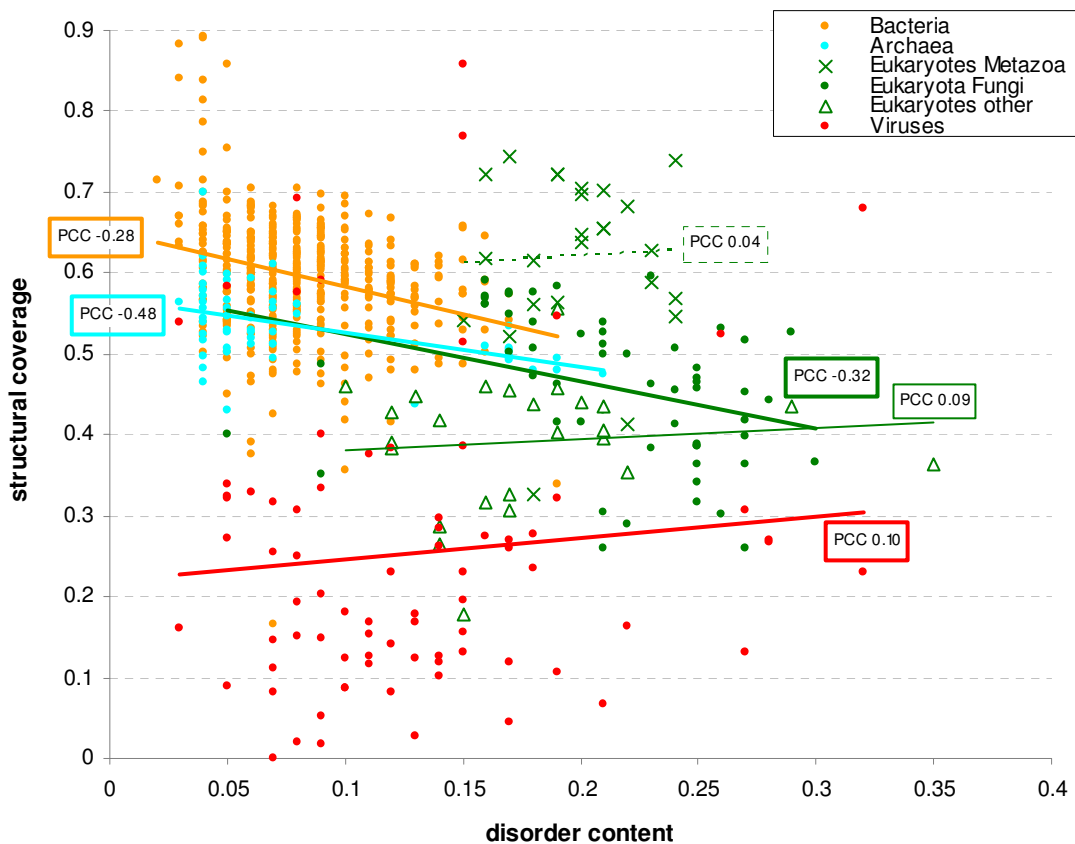


Supplementary Figure 1. Distribution of chain length across the four domains of life.



Supplementary Figure 2. Relation between structural coverage and disorder content across eukaryotic, bacterial, archaea, and viral species. The y-axis gives the structural coverage that is defined as a fraction of proteins in a given proteome that are similar to a fold with known structure [46]. Each point corresponds to a single proteome and data for proteomes in a given taxonomic kingdom (eukaryotic organisms were subdivided into animals, fungi and other) were fitted linearly; each fit is accompanied with the corresponding value of the Pearson Correlation Coefficient (PCC).

Supplementary Table 1. Summary of the complete proteomes collected from release 2011_08 of UniProt. We use the taxonomic lineage from the NCBI that has the following the format: “domain”_”second level”_”third level”_”leaf”. The small proteomes, with less than 30 proteins, are shown in italics; 224 of them are form viruses and 1 from eukaryota.

Domain of life	Taxonomic lineage	# proteins	
Archaea 231,466 proteins 59 species	Archaea_Crenarchaeota_Thermoprotei_ulfolobus	35285	
	Archaea_Euryarchaeota_Methanococci_Methanococcus	11963	
	Archaea_Euryarchaeota_Methanomicrobia_Methanosarcina	11387	
	Archaea_Euryarchaeota_Thermococci_thermococcus	10734	
	Archaea_Crenarchaeota_Thermoprotei_Pyrobaculum	9010	
	Archaea_Euryarchaeota_Methanococci_Methanocaldococcus	8300	
	Archaea_Euryarchaeota_Archaeoglobi_Archaeoglobus	6281	
	Archaea_Euryarchaeota_Thermococci_ycroccus	5908	
	Archaea_Euryarchaeota_Halobacteria_Halobacterium	5041	
	Archaea_Crenarchaeota_Thermoprotei_Vulcanisaeta	4811	
	Archaea_Euryarchaeota_Halobacteria_Haloarcula	4234	
	Archaea_Crenarchaeota_Thermoprotei_Thermoproteus	4150	
	Archaea_Euryarchaeota_Methanobacteria_Methanobrevibacter	3992	
	Archaea_Euryarchaeota_Halobacteria_Haloferax	3987	
	Archaea_Euryarchaeota_Halobacteria_Halogeometricum	3894	
	Archaea_Euryarchaeota_Halobacteria_Halalkalicoccus	3779	
	Archaea_Euryarchaeota_Halobacteria_Haloterrigena	3739	
	Archaea_Euryarchaeota_Methanobacteria_Methanothermobacter	3625	
	Archaea_Euryarchaeota_Halobacteria_Natrialba	3558	
	Archaea_Euryarchaeota_Halobacteria_Halorubrum	3495	
	Archaea_Euryarchaeota_Halobacteria_Halomicrobium	3343	
	Archaea_Crenarchaeota_Thermoprotei_Staphylothermus	3169	
	Archaea_Euryarchaeota_Methanomicrobia_Methanospirillum	3087	
	Archaea_Euryarchaeota_environmental samples_environmental samples	3071	
	Archaea_Euryarchaeota_Thermoplasmata_Thermoplasma	3005	
	Archaea_Euryarchaeota_Halobacteria_Halorhabdus	2998	
	Archaea_Euryarchaeota_Methanomicrobia_Methanocella	2993	
	Archaea_Crenarchaeota_Thermoprotei_Desulfurococcus	2815	
	Archaea_Euryarchaeota_Halobacteria_Natronomonas	2784	
	Archaea_Euryarchaeota_Methanomicrobia_Methanoplanus	2779	
	Archaea_Euryarchaeota_Methanomicrobia_Methanosphaerula	2655	
	Archaea_Euryarchaeota_Halobacteria_Haloquadratum	2645	
	Archaea_Euryarchaeota_Methanobacteria_Methanobacterium	2493	
	Archaea_Euryarchaeota_Methanomicrobia_Methanoculleus	2476	
	Archaea_Euryarchaeota_Archaeoglobi_Ferroglobus	2463	
	Archaea_Euryarchaeota_Methanomicrobia_Methanoregula	2450	
	Archaea_Crenarchaeota_Thermoprotei_etallosphaera	2256	
	Archaea_Euryarchaeota_Methanomicrobia_Methanohalobium	2250	
	Archaea_Euryarchaeota_Methanomicrobia_Methanococcoides	2242	
	Archaea_Thaumarchaeota_Cenarchaeales_Cenarchaeum	2022	
	Archaea_Euryarchaeota_Methanomicrobia_Methanohalophilus	1986	
	Archaea_Crenarchaeota_Thermoprotei_Caldivirga	1962	
	Archaea_Crenarchaeota_Thermoprotei_Ignisphaera	1929	
	Archaea_Crenarchaeota_Thermoprotei_hermoifilum	1876	
	Archaea_Thaumarchaeota_marine archaeal group_Nitrosopumilus	1795	
	Archaea_Euryarchaeota_Methanomicrobia_Methanocorpusculum	1739	
	Archaea_Crenarchaeota_Thermoprotei_Aeropyrum	1700	
	Archaea_Euryarchaeota_Methanopyri_ethanopyrus	1687	
	Archaea_Euryarchaeota_Methanomicrobia_Methanoseta	1673	
	Archaea_Crenarchaeota_Thermoprotei_Hyperthermus	1602	
	Archaea_Korarchaeota_Candidatus_Korarchaeum_Candidatus_Korarchaeum	1602	
	Archaea_Euryarchaeota_Aciduliprofundum_Aciduliprofundum	1539	
	Archaea_Euryarchaeota_Thermoplasmata_Picrophilus	1535	
	Archaea_Euryarchaeota_Methanobacteria_Methanosphaera	1533	
	Archaea_Crenarchaeota_Thermoprotei_cidilobus	1499	
	Archaea_Crenarchaeota_Thermoprotei_Ignicoccus	1434	
	Archaea_Crenarchaeota_Thermoprotei_Thermosphaera	1387	
	Archaea_Euryarchaeota_Methanobacteria_Methanothermus	1283	
	Archaea_Nanoarchaeota_Nanoarchaeum_Nanoarchaeum	536	
	Bacteria 4,285,619 proteins 471 species	Bacteria_Proteobacteria_Gammaproteobacteria_Escherichia	186023
		Bacteria_Firmicutes_Clostridia_lostridium	112965
		Bacteria_Firmicutes_Lactobacillales_treptococcus	112892
		Bacteria_Firmicutes_Bacillales_acillus cereus group	104365
		Bacteria_Proteobacteria_Gammaproteobacteria_Pseudomonas	97486
		Bacteria_Proteobacteria_Gammaproteobacteria_Shewanella	93221
		Bacteria_Firmicutes_Bacillales_Staphylococcus	80809
		Bacteria_Proteobacteria_Gammaproteobacteria_Yersinia	65501
Bacteria_Firmicutes_Lactobacillales_actobacillus		63404	
Bacteria_Firmicutes_Bacillales_Bacillus		63102	
Bacteria_Proteobacteria_Betaproteobacteria_Burkholderia cepacia complex		62954	
Bacteria_Actinobacteria_Actinobacteridae_Streptomyces		55172	
Bacteria_Actinobacteria_Actinobacteridae_Mycobacterium		53229	
Bacteria_Proteobacteria_Betaproteobacteria_pseudomallei group		51766	
Bacteria_Proteobacteria_Alphaproteobacteria_Methylobacterium		48739	
Bacteria_Proteobacteria_Gammaproteobacteria_Vibrio		48534	
Bacteria_Proteobacteria_Betaproteobacteria_Burkholderia		45617	
Bacteria_Proteobacteria_Epsilonproteobacteria_Helicobacter		44727	
Bacteria_Proteobacteria_Gammaproteobacteria_Xanthomonas		38118	
Bacteria_Proteobacteria_Alphaproteobacteria_Brucella		34544	
Bacteria_Proteobacteria_Deltaproteobacteria_Geobacter		34413	
Bacteria_Proteobacteria_Alphaproteobacteria_Rhodospseudomonas		33748	
Bacteria_Proteobacteria_Betaproteobacteria_Neisseria		33450	
Bacteria_Proteobacteria_Alphaproteobacteria_Rhizobium		32453	
Bacteria_Proteobacteria_Gammaproteobacteria_cinetobacter calcoaceticus or baumannii complex		32317	
Bacteria_Proteobacteria_Gammaproteobacteria_Salmonella		31476	

Bacteria_Cyanobacteria_Chroococcales_Cyanothece	31426
Bacteria_Proteobacteria_Deltaproteobacteria_Desulfovibrio	30808
Bacteria_Actinobacteria_Actinobacteridae_Bifidobacterium	29624
Bacteria_Cyanobacteria_Chroococcales_Synechococcus	29330
Bacteria_Actinobacteria_Actinobacteridae_Corynebacterium	29106
Bacteria_Proteobacteria_Gammaproteobacteria_Shigella	28961
Bacteria_Firmicutes_Bacillales_Listeria	28862
Bacteria_Actinobacteria_Actinobacteridae_ycobacterium tuberculosis complex	28848
Bacteria_Bacteroidetes_Bacteroidia_acteroides	28718
Bacteria_Actinobacteria_Actinobacteridae_Rhodococcus	28245
Bacteria_Proteobacteria_Gammaproteobacteria_Erwinia	27018
Bacteria_Cyanobacteria_Prochlorophytes_rochlorococcus	25477
Bacteria_Actinobacteria_Actinobacteridae_Frankia	25363
Bacteria_Proteobacteria_Betaproteobacteria_Cupriavidus	25249
Bacteria_Proteobacteria_Epsilonproteobacteria_Campylobacter	24076
Bacteria_Tenericutes_Mollicutes_Mycoplasma	23996
Bacteria_Firmicutes_Bacillales_Geobacillus	23737
Bacteria_Firmicutes_Bacillales_Paenibacillus	23259
Bacteria_Proteobacteria_Alphaproteobacteria_Agrobacterium	22701
Bacteria_Proteobacteria_Alphaproteobacteria_Bradyrhizobium	22521
Bacteria_Actinobacteria_Actinobacteridae_Arthrobacter	21066
Bacteria_Proteobacteria_Betaproteobacteria_Bordetella	20667
Bacteria_Proteobacteria_Alphaproteobacteria_Rhodobacter	20618
Bacteria_Spirochaetes_Spirochaetales_Leptospira	20349
Bacteria_Proteobacteria_Gammaproteobacteria_almonella enterica subsp	19509
Bacteria_Proteobacteria_Gammaproteobacteria_Salmonella typhimurium	19174
Bacteria_Proteobacteria_Gammaproteobacteria_Legionella	18841
Bacteria_Proteobacteria_Alphaproteobacteria_Sinorhizobium	18588
Bacteria_Proteobacteria_Gammaproteobacteria_Pantoea	18373
Bacteria_Proteobacteria_Gammaproteobacteria_Haemophilus	17730
Bacteria_Proteobacteria_Deltaproteobacteria_Anaeromyxobacter	17710
Bacteria_Proteobacteria_Alphaproteobacteria_Caulobacter	17080
Bacteria_Firmicutes_Clostridia_aldicellulosiruptor	17039
Bacteria_Proteobacteria_Betaproteobacteria_Acidovorax	16826
Bacteria_Proteobacteria_Gammaproteobacteria_Dickeya	16765
Bacteria_Proteobacteria_Gammaproteobacteria_Francisella	16023
Bacteria_Proteobacteria_Gammaproteobacteria_Klebsiella	15920
Bacteria_Deinococcus-Thermus_Deinococci_Deinococcus	15264
Bacteria_Proteobacteria_Betaproteobacteria_Ralstonia	15227
Bacteria_Chlamydiae_Chlamydiales_Chlamydia	14444
Bacteria_Firmicutes_Lactobacillales_Lactococcus	14319
Bacteria_Proteobacteria_Alphaproteobacteria_Mesorhizobium	13518
Bacteria_Firmicutes_Clostridia_Thermoanaerobacter	13402
Bacteria_Proteobacteria_Gammaproteobacteria_Pectobacterium	13135
Bacteria_Cyanobacteria_Nostocales_Nostoc	12643
Bacteria_Actinobacteria_Actinobacteridae_Micromonospora	12330
Bacteria_Chloroflexi_Chloroflexales_Chloroflexus	11728
Bacteria_Proteobacteria_Gammaproteobacteria_Pseudoalteromonas	11451
Bacteria_Proteobacteria_Gammaproteobacteria_Aliivibrio	11361
Bacteria_Thermotogae_Thermotogales_Thermotoga	11196
Bacteria_Proteobacteria_Gammaproteobacteria_Xylella	11181
Bacteria_Chlorobi_Chlorobia_Chlorobium	11168
Bacteria_Firmicutes_Clostridia_ubacterium	10802
Bacteria_Proteobacteria_Gammaproteobacteria_Edwardsiella	10544
Bacteria_Proteobacteria_Betaproteobacteria_Polaromonas	10316
Bacteria_Firmicutes_Clostridia_esulfitobacterium	9866
Bacteria_Proteobacteria_Gammaproteobacteria_Citrobacter	9811
Bacteria_Proteobacteria_Gammaproteobacteria_Enterobacter cloacae complex	9804
Bacteria_Proteobacteria_Alphaproteobacteria_spotted fever group	9723
Bacteria_Proteobacteria_Gammaproteobacteria_Nitrosococcus	9534
Bacteria_Proteobacteria_Gammaproteobacteria_Coxiella	9481
Bacteria_Spirochaetes_Spirochaetales_Spirochaeta	9417
Bacteria_Actinobacteria_Actinobacteridae_Salinispora	9370
Bacteria_Actinobacteria_Actinobacteridae_ycobacterium avium complex (MAC)	9356
Bacteria_Proteobacteria_Deltaproteobacteria_Sorangium	9320
Bacteria_Actinobacteria_Actinobacteridae_Amycolatopsis	9204
Bacteria_Plactomycetes_Plactomycetacia_Plactomyces	8968
Bacteria_Actinobacteria_Actinobacteridae_Streptosporangium	8926
Bacteria_Actinobacteria_Actinobacteridae_Catenulispora	8909
Bacteria_Proteobacteria_Gammaproteobacteria_Photorhabdus	8906
Bacteria_Proteobacteria_Gammaproteobacteria_Cronobacter	8871
Bacteria_Proteobacteria_Alphaproteobacteria_Bartonella	8838
Bacteria_Firmicutes_Lactobacillales_Enterococcus	8829
Bacteria_Chloroflexi_Chloroflexales_Roseiflexus	8818
Bacteria_Proteobacteria_Gammaproteobacteria_Marinobacter	8577
Bacteria_Proteobacteria_Gammaproteobacteria_arinomonas	8534
Bacteria_Proteobacteria_Gammaproteobacteria_Aeromonas	8448
Bacteria_Proteobacteria_Gammaproteobacteria_tenotrophomonas maltophilia group	8395
Bacteria_Proteobacteria_Gammaproteobacteria_Xenorhabdus	8377
Bacteria_Proteobacteria_Deltaproteobacteria_Stigmatella	8307
Bacteria_Proteobacteria_Gammaproteobacteria_Actinobacillus	8220
Bacteria_Spirochaetes_Spirochaetales_Treponema	8203
Bacteria_Cyanobacteria_Acaryochloris_Acaryochloris	8172
Bacteria_Proteobacteria_Alphaproteobacteria_Ruegeria	8091
Bacteria_Bacteroidetes_Sphingobacteria_Pedobacter	8029
Bacteria_Spirochaetes_Spirochaetales_orrelia burgdorferi group	7894
Bacteria_Acidobacteria_Acidobacteriales_cidobacterium	7877
Bacteria_Firmicutes_Lactobacillales_Leuconostoc	7842
Bacteria_Proteobacteria_Alphaproteobacteria_Rhodospirillum	7819
Bacteria_Acidobacteria_Solibacteres_Candidatus Solibacter	7761
Bacteria_Spirochaetes_Spirochaetales_Brachyspira	7694
Bacteria_Chlamydiae_Chlamydiales_Chlamydomyces	7550
Bacteria_Actinobacteria_Actinobacteridae_Kitasatospora	7443
Bacteria_Bacteroidetes_Bacteroidia_revotella	7429
Bacteria_Bacteroidetes_Flavobacteria_Flavobacterium	7424
Bacteria_Bacteroidetes_Flavobacteria_Cellulophaga	7395

Bacteria_Proteobacteria_Alphaproteobacteria_Acidiphilium	7377
Bacteria_Proteobacteria_Deltaproteobacteria_Myxococcus	7314
Bacteria_Firmicutes_Clostridia_Ikaliphilus	7295
Bacteria_Plantomycetes_Plantomycetacia_Rhodopirellula	7271
Bacteria_Firmicutes_Clostridia_esulfotomaculum	7236
Bacteria_Proteobacteria_Alphaproteobacteria_Nitrobacter	7223
Bacteria_Bacteroidetes_Sphingobacteria_Chitinophaga	7179
Bacteria_Proteobacteria_Gammaproteobacteria_Acinetobacter	7166
Bacteria_Actinobacteria_Actinobacteridae_Saccharopolyspora	7154
Bacteria_Chloroflexi_Dehalococcoidetes_Dehalococcoides	7115
Bacteria_Proteobacteria_Deltaproteobacteria_Pelobacter	7035
Bacteria_Actinobacteria_Actinobacteridae_Propionibacterium	6951
Bacteria_Actinobacteria_Actinobacteridae_Kribbella	6940
Bacteria_Actinobacteria_Actinobacteridae_Actinosynnema	6912
Bacteria_Proteobacteria_Gammaproteobacteria_Psychrobacter	6889
Bacteria_Deinococcus-Thermus_Deinococci_thermus	6874
Bacteria_Bacteroidetes_Cytophagia_pirosoma	6867
Bacteria_Proteobacteria_Betaproteobacteria_Achromobacter	6798
Bacteria_Proteobacteria_Gammaproteobacteria_Hahella	6752
Bacteria_Proteobacteria_Deltaproteobacteria_Haliangium	6684
Bacteria_Proteobacteria_Betaproteobacteria_hiomonas	6596
Bacteria_Actinobacteria_Actinobacteridae_Stackebrandtia	6379
Bacteria_Proteobacteria_Betaproteobacteria_Variovorax	6272
Bacteria_Actinobacteria_Actinobacteridae_Clavibacter	6135
Bacteria_Proteobacteria_Alphaproteobacteria_Azospirillum	6092
Bacteria_Bacteroidetes_Sphingobacteria_Salinibacter	6059
Bacteria_Firmicutes_Bacillales_Exiguobacterium	6025
Bacteria_Deinococcus-Thermus_Deinococci_eiothermus	5995
Bacteria_Cyanobacteria_Chroococcales_Microcystis	5981
Bacteria_Proteobacteria_Betaproteobacteria_Delftia	5968
Bacteria_Actinobacteria_Actinobacteridae_Nocardia	5941
Bacteria_Actinobacteria_Rubrobacteridae_Conexibacter	5912
Bacteria_Firmicutes_Bacillales_Brevibacillus	5887
Bacteria_Proteobacteria_Gammaproteobacteria_Acidithiobacillus	5867
Bacteria_Proteobacteria_Alphaproteobacteria_Gluconacetobacter	5840
Bacteria_Proteobacteria_Gammaproteobacteria_Thioalkalivibrio	5820
Bacteria_Bacteroidetes_Cytophagia_yadobacter	5703
Bacteria_Cyanobacteria_Nostocales_Anabaena	5634
Bacteria_Proteobacteria_Betaproteobacteria_Methylovorus	5616
Bacteria_Actinobacteria_Actinobacteridae_Nocardiopsis	5497
Bacteria_Proteobacteria_Epsilonproteobacteria_Arcobacter	5379
Bacteria_Proteobacteria_Gammaproteobacteria_Buchnera	5328
Bacteria_Proteobacteria_Gammaproteobacteria_Photobacterium	5328
Bacteria_Proteobacteria_Alphaproteobacteria_Sphingomonas	5313
Bacteria_Chloroflexi_Herpetosiphonales_erpetosiphon	5254
Bacteria_Proteobacteria_Deltaproteobacteria_Desulfatibacillum	5198
Bacteria_Actinobacteria_Actinobacteridae_Nakamurella	5123
Bacteria_Proteobacteria_Gammaproteobacteria_Rahnella	5099
Bacteria_Proteobacteria_Betaproteobacteria_Methylotenera	5086
Bacteria_Proteobacteria_Gammaproteobacteria_Pseudomonas_syringae	5071
Bacteria_Proteobacteria_Gammaproteobacteria_Pseudomonas_syringae pv	5045
Bacteria_Proteobacteria_Alphaproteobacteria_Paracoccus	5019
Bacteria_Proteobacteria_Gammaproteobacteria_Azotobacter	4990
Bacteria_Proteobacteria_Alphaproteobacteria_Xanthobacter	4971
Bacteria_Actinobacteria_Actinobacteridae_ycobacterium abscessus	4940
Bacteria_Proteobacteria_Gammaproteobacteria_Serratia	4930
Bacteria_Proteobacteria_Betaproteobacteria_Verminephrobacter	4911
Bacteria_Actinobacteria_Actinobacteridae_Nocardioides	4888
Bacteria_Actinobacteria_Actinobacteridae_Thermomonospora	4888
Bacteria_Proteobacteria_Gammaproteobacteria_Colwellia	4872
Bacteria_Proteobacteria_Betaproteobacteria_Nitrosomonas	4848
Bacteria_Actinobacteria_Actinobacteridae_Geodermatophilus	4795
Bacteria_Proteobacteria_Gammaproteobacteria_Salmonella Newport	4784
Bacteria_Proteobacteria_Deltaproteobacteria_Desulfobacterium	4782
Bacteria_Proteobacteria_Betaproteobacteria_Comamonas	4781
Bacteria_Acidobacteria_Candidatus_Koribacter_Candidatus_Koribacter	4771
Bacteria_Chlorobi_Chlorobia_Pelodictyon	4760
Bacteria_Proteobacteria_Alphaproteobacteria_Ochrobactrum	4757
Bacteria_Firmicutes_Bacillales_Lysinibacillus	4750
Bacteria_Proteobacteria_Betaproteobacteria_Herbaspirillum	4732
Bacteria_Plantomycetes_Plantomycetacia_Pirellula	4711
Bacteria_Proteobacteria_Alphaproteobacteria_Azorhizobium	4708
Bacteria_Actinobacteria_Actinobacteridae_Kineococcus	4674
Bacteria_Bacteroidetes_Flavobacteria_Zunongwangia	4633
Bacteria_Proteobacteria_Gammaproteobacteria_Salmonella dublin	4606
Bacteria_Verrucomicrobia_Opitutae_pitutus	4588
Bacteria_Actinobacteria_Actinobacteridae_Gordonia	4548
Bacteria_Proteobacteria_Alphaproteobacteria_Chelativorans	4530
Bacteria_Proteobacteria_Alphaproteobacteria_Magnetospirillum	4514
Bacteria_Proteobacteria_Betaproteobacteria_Alicyclophilus	4484
Bacteria_Proteobacteria_Betaproteobacteria_Aromatoleum	4483
Bacteria_Proteobacteria_Betaproteobacteria_andidatus Accumulibacter	4438
Bacteria_Proteobacteria_Alphaproteobacteria_Starkeya	4424
Bacteria_Cyanobacteria_Gloeobacteria_Gloeobacter	4406
Bacteria_Proteobacteria_Betaproteobacteria_Albidiferax	4401
Bacteria_Proteobacteria_Betaproteobacteria_Chromobacterium	4397
Bacteria_Proteobacteria_Betaproteobacteria_ethylbium	4359
Bacteria_Proteobacteria_Alphaproteobacteria_Polymorphum	4354
Bacteria_Proteobacteria_Gammaproteobacteria_Aggregatibacter	4353
Bacteria_Proteobacteria_Alphaproteobacteria_Sphingobium	4347
Bacteria_Proteobacteria_Betaproteobacteria_eptothrix	4343
Bacteria_Cyanobacteria_Oscillatoriales_Trichodesmium	4342
Bacteria_Firmicutes_Clostridia_alanaerobium	4305
Bacteria_Chlorobi_Chlorobia_hlorobaculum	4294
Bacteria_Proteobacteria_Alphaproteobacteria_Jannaschia	4271
Bacteria_Proteobacteria_Gammaproteobacteria_Teredinibacter	4249

Bacteria_Proteobacteria_Epsilonproteobacteria_Sulfurimonas	4239
Bacteria_Proteobacteria_Gammaproteobacteria_Enterobacter	4236
Bacteria_Actinobacteria_Actinobacteridae_Rothia	4203
Bacteria_Proteobacteria_Gammaproteobacteria_Salmonella enteritidis	4198
Bacteria_Actinobacteria_Actinobacteridae_Beutenbergia	4195
Bacteria_Acidobacteria_Acidobacteriales_erriglobus	4177
Bacteria_Actinobacteria_Actinobacteridae_Tsakumurella	4170
Bacteria_Proteobacteria_Alphaproteobacteria_Wolbachia	4159
Bacteria_Proteobacteria_Betaproteobacteria_Dechloromonas	4155
Bacteria_Firmicutes_Clostridia_ellulosilyticum	4150
Bacteria_Proteobacteria_Alphaproteobacteria_Roseobacter	4118
Bacteria_Proteobacteria_Alphaproteobacteria_Ehrlichia	4091
Bacteria_Proteobacteria_Alphaproteobacteria_Dinoroseobacter	4086
Bacteria_Fusobacteria_Fusobacterales_Sealdella	4058
Bacteria_Bacteroidetes_Flavobacteria_Fluviicola	4016
Bacteria_Proteobacteria_Deltaproteobacteria_Syntrophobacter	4012
Bacteria_Proteobacteria_Gammaproteobacteria_Saccharophagus	3999
Bacteria_Proteobacteria_Betaproteobacteria_Azoarcus	3981
Bacteria_Proteobacteria_Gammaproteobacteria_Salmonella gallinarum	3953
Bacteria_Bacteroidetes_Flavobacteria_Riemerella	3946
Bacteria_Gemmatimonadetes_Gemmatimonadales_emmatimonas	3932
Bacteria_Proteobacteria_Betaproteobacteria_Thauera	3927
Bacteria_Proteobacteria_Alphaproteobacteria_Novosphingobium	3917
Bacteria_Spirochaetes_Spirochaetales_Borrelia	3901
Bacteria_Bacteroidetes_Bacteroidia_Porphyrimonas	3885
Bacteria_Proteobacteria_Alphaproteobacteria_Oligotropha	3846
Bacteria_Proteobacteria_Alphaproteobacteria_Phenylobacterium	3838
Bacteria_Bacteroidetes_Bacteroidia_Parabacteroides	3831
Bacteria_Actinobacteria_Actinobacteridae_Saccharomonospora	3828
Bacteria_Proteobacteria_Alphaproteobacteria_Methylocella	3816
Bacteria_Firmicutes_Bacillales_Solibacillus	3799
Bacteria_Firmicutes_Clostridia_utrivibrio	3799
Bacteria_Fibrobacteres_Fibrobacterales_ibrobacter	3797
Bacteria_Thermotogae_Thermotogales_Thermosipho	3795
Bacteria_Proteobacteria_Gammaproteobacteria_Ferrimonas	3781
Bacteria_Firmicutes_Clostridia_uminococcus	3775
Bacteria_Proteobacteria_Alphaproteobacteria_Beijerinckia	3774
Bacteria_Bacteroidetes_Cytophagia_ytophaga	3771
Bacteria_Proteobacteria_Gammaproteobacteria_Histophilus	3764
Bacteria_Bacteroidetes_Cytophagia_arivirga	3748
Bacteria_Planctomycetes_Planctomycetacia_Isosphaera	3721
Bacteria_Proteobacteria_Alphaproteobacteria_typhus group	3714
Bacteria_Proteobacteria_Gammaproteobacteria_Cellvibrio	3711
Bacteria_Actinobacteria_Actinobacteridae_Sanguibacter	3710
Bacteria_Proteobacteria_Betaproteobacteria_Janthinobacterium	3695
Bacteria_Actinobacteria_Actinobacteridae_Cellulomonas	3673
Bacteria_Actinobacteria_Actinobacteridae_Microbacterium	3671
Bacteria_Proteobacteria_Alphaproteobacteria_Zymomonas	3663
Bacteria_Proteobacteria_Gammaproteobacteria_Proteus	3661
Bacteria_Dictyoglomi_Dictyoglomales_Dictyoglossus	3656
Bacteria_Cyanobacteria_Nostocales_Trichormus	3646
Bacteria_Proteobacteria_Magnetococcus_Magnetococcus	3594
Bacteria_Proteobacteria_Deltaproteobacteria_Bdellovibrio	3583
Bacteria_Proteobacteria_Betaproteobacteria_Polynucleobacter	3581
Bacteria_Proteobacteria_Alphaproteobacteria_Parvibaculum	3580
Bacteria_Bacteroidetes_Flavobacteria_Gramella	3554
Bacteria_Actinobacteria_Actinobacteridae_Intrasporangium	3551
Bacteria_Actinobacteria_Actinobacteridae_Thermobispora	3545
Bacteria_Proteobacteria_Gammaproteobacteria_Psychromonas	3530
Bacteria_Proteobacteria_Alphaproteobacteria_Rhodomicrobium	3513
Bacteria_Cyanobacteria_Chroococcales_Synechocystis	3507
Bacteria_Proteobacteria_Alphaproteobacteria_Hyphomonas	3499
Bacteria_Firmicutes_Bacillales_Oceanobacillus	3490
Bacteria_Chloroflexi_Sphaerobacteridae_Sphaerobacter	3471
Bacteria_Proteobacteria_Gammaproteobacteria_Halomonas	3471
Bacteria_Proteobacteria_Alphaproteobacteria_Hyphomicrobium	3452
Bacteria_Bacteroidetes_Cytophagia_eadbetterella	3429
Bacteria_Actinobacteria_Actinobacteridae_Renibacterium	3421
Bacteria_Proteobacteria_Deltaproteobacteria_Desulfomicrobium	3421
Bacteria_Aquificae_Aquificales_ulfurihydrogenibium	3420
Bacteria_Bacteroidetes_Flavobacteria_Maribacter	3411
Bacteria_Actinobacteria_Actinobacteridae_Xylanimonas	3335
Bacteria_Proteobacteria_Alphaproteobacteria_Brevundimonas	3326
Bacteria_Firmicutes_Clostridia_Symbiobacterium	3313
Bacteria_Proteobacteria_Gammaproteobacteria_Chromohalobacter	3298
Bacteria_Proteobacteria_Betaproteobacteria_Herminiimonas	3274
Bacteria_Proteobacteria_Deltaproteobacteria_Desulfarculus	3268
Bacteria_Proteobacteria_Deltaproteobacteria_Desulfococcus	3255
Bacteria_Proteobacteria_Deltaproteobacteria_Desulfotalea	3233
Bacteria_Proteobacteria_Deltaproteobacteria_Bacteriovorax	3229
Bacteria_Bacteroidetes_Flavobacteria_Robiginitalea	3211
Bacteria_Proteobacteria_Gammaproteobacteria_Allochromatium	3211
Bacteria_Proteobacteria_Alphaproteobacteria_Ketogulonicigenium	3209
Bacteria_Proteobacteria_Betaproteobacteria_Laribacter	3208
Bacteria_Proteobacteria_Alphaproteobacteria_Hirschia	3187
Bacteria_Proteobacteria_Alphaproteobacteria_Sphingopyxis	3184
Bacteria_Proteobacteria_Deltaproteobacteria_Syntrophus	3145
Bacteria_Firmicutes_Bacillales_Alicyclobacillaceae	3135
Bacteria_Actinobacteria_Rubrobacteridae_Rubrobacter	3127
Bacteria_Proteobacteria_Gammaproteobacteria_Tolomonas	3126
Bacteria_Chloroflexi_Anaerolineae_naerolinea	3110
Bacteria_Verrucomicrobia_Opisthokonta_Coraliomargarita	3110
Bacteria_Firmicutes_Clostridia_yntrophobotulus	3105
Bacteria_Actinobacteria_Actinobacteridae_Thermobifida	3085
Bacteria_Proteobacteria_Gammaproteobacteria_Pseudoxanthomonas	3068
Bacteria_Actinobacteria_Actinobacteridae_Brachiobacterium	3062

Bacteria_Proteobacteria_Alphaproteobacteria_Maricaulis	3060
Bacteria_Firmicutes_Bacillales_licyclobacillus	3059
Bacteria_Actinobacteria_Coriobacteridae_Eggerthella	3054
Bacteria_Bacteroidetes_Bacteroidia_Paludibacter	3020
Bacteria_Actinobacteria_Actinobacteridae_Segniliiparus	3001
Bacteria_Proteobacteria_Alphaproteobacteria_Erythrobacter	2999
Bacteria_Proteobacteria_Betaproteobacteria_Sideroxydans	2977
Bacteria_Proteobacteria_Gammaproteobacteria_Methylococcus	2925
Bacteria_Deinococcus-Thermus_Deinococci_Truepera	2924
Bacteria_Firmicutes_Clostridia_eliobacterium	2923
Bacteria_Firmicutes_Clostridia_hermincola	2908
Bacteria_Proteobacteria_Alphaproteobacteria_Acetobacter	2906
Bacteria_Deferribacteres_Deferribacterales_entrovibrio	2901
Bacteria_Firmicutes_Clostridia_elotomaculum	2884
Bacteria_Proteobacteria_Gammaproteobacteria_Alkalilimnicola	2862
Bacteria_Bacteroidetes_Sphingobacteria_Rhodothermus	2861
Bacteria_Proteobacteria_Deltaproteobacteria_Desulfobacca	2860
Bacteria_Fusobacteria_Fusobacterales_Ilyobacter	2859
Bacteria_Chloroflexi_Thermomicrobiales_hermomicrobium	2858
Bacteria_Proteobacteria_Betaproteobacteria_Gallionella	2853
Bacteria_Firmicutes_Clostridia_atranaerobius	2847
Bacteria_Proteobacteria_Alphaproteobacteria_Rickettsia	2843
Bacteria_Thermobaculum_C Bacteria_Thermobaculum	2827
Bacteria_Proteobacteria_Betaproteobacteria_Thiobacillus	2826
Bacteria_Firmicutes_Bacillales_Anoxybacillus	2819
Bacteria_Proteobacteria_Alphaproteobacteria_Anaplasma	2803
Bacteria_Proteobacteria_Epsilonproteobacteria_Sulfuricurvum	2794
Bacteria_Proteobacteria_Gammaproteobacteria_Alcanivorax	2752
Bacteria_Actinobacteria_Coriobacteridae_Slackia	2750
Bacteria_Proteobacteria_Betaproteobacteria_Nitrosospira	2732
Bacteria_Chlorobi_Chlorobia_hlorherpeton	2708
Bacteria_Bacteroidetes_Flavobacteria_Croceibacter	2702
Bacteria_Proteobacteria_Alphaproteobacteria_Parvularcula	2687
Bacteria_Firmicutes_Clostridia_thanoligenens	2663
Bacteria_Proteobacteria_Gammaproteobacteria_Kangiella	2630
Bacteria_Proteobacteria_Alphaproteobacteria_Gluconobacter	2626
Bacteria_Actinobacteria_Actinobacteridae_Gardnerella	2622
Bacteria_Firmicutes_Clostridia_Carboxydotherrmus	2615
Bacteria_Proteobacteria_Alphaproteobacteria_Orientia	2614
Bacteria_Proteobacteria_Betaproteobacteria_Methylobacillus	2609
Bacteria_Proteobacteria_Gammaproteobacteria_Idiomarina	2608
Bacteria_Proteobacteria_Deltaproteobacteria_Desulfurivibrio	2595
Bacteria_Firmicutes_Clostridia_hermonoerobacterium	2583
Bacteria_Chrysiogenetes_Chrysiogenales_esulfurispirillum	2551
Bacteria_Firmicutes_Clostridia_Caldanaerobacter	2545
Bacteria_Proteobacteria_Alphaproteobacteria_andidatus_Puniceispirillum	2545
Bacteria_Bacteroidetes_Flavobacteria_lavobacteriaceae	2533
Bacteria_Actinobacteria_Actinobacteridae_Kytococcus	2531
Bacteria_Actinobacteria_Actinobacteridae_Jonesia	2495
Bacteria_Proteobacteria_Gammaproteobacteria_Sodalis	2490
Bacteria_Firmicutes_Clostridia_yntrophomonas	2473
Bacteria_Verrucomicrobia_unclassified_Verrucomicrobia_Methylacidiphilum	2470
Bacteria_Proteobacteria_Deltaproteobacteria_Desulfohalobium	2455
Bacteria_Cyanobacteria_Chroococcales_Thermosynechococcus	2451
Bacteria_Firmicutes_Clostridia_Moorella	2451
Bacteria_Proteobacteria_Epsilonproteobacteria_Sulfurovum	2433
Bacteria_Proteobacteria_Alphaproteobacteria_Granulibacter	2430
Bacteria_Proteobacteria_Gammaproteobacteria_Halorhodospira	2406
Bacteria_Deinococcus-Thermus_Deinococci_ceanithermus	2372
Bacteria_Proteobacteria_Gammaproteobacteria_Basfia	2367
Bacteria_Proteobacteria_Gammaproteobacteria_Halothiobacillus	2353
Bacteria_Actinobacteria_Actinobacteridae_Kocuria	2352
Bacteria_Deferribacteres_Deferribacterales_eferribacter	2338
Bacteria_Firmicutes_Clostridia_alothermothrix	2324
Bacteria_Firmicutes_Clostridia_Thermaerobacter	2324
Bacteria_Chlorobi_Chlorobia_rostheochloris	2319
Bacteria_Firmicutes_Clostridia_yntrophothermus	2311
Bacteria_Firmicutes_Clostridia_cetohalobium	2276
Bacteria_Proteobacteria_Alphaproteobacteria_Candidatus_Liberibacter	2266
Bacteria_Proteobacteria_Epsilonproteobacteria_Sulfurospirillum	2243
Bacteria_Fusobacteria_Fusobacterales_eptotrichia	2218
Bacteria_Actinobacteria_Actinobacteridae_Micrococcus	2207
Bacteria_Deinococcus-Thermus_Deinococci_arinithermus	2194
Bacteria_Proteobacteria_Gammaproteobacteria_Thiomicrospira	2187
Bacteria_Bacteroidetes_Flavobacteria_Capnocytophaga	2171
Bacteria_Actinobacteria_Actinobacteridae_Acidothermus	2157
Bacteria_Firmicutes_Clostridia_hermosediminibacter	2151
Bacteria_Verrucomicrobia_Verrucomicrobiae_Akkermansia	2137
Bacteria_Firmicutes_Clostridia_andidatus_Desulfurudis	2136
Bacteria_Deferribacteres_Deferribacterales_Deferribacteraceae	2089
Bacteria_Thermotogae_Thermotogales_Kosmotoga	2087
Bacteria_Proteobacteria_Epsilonproteobacteria_Nitratifactor	2076
Bacteria_Firmicutes_Bacillales_Macrococcus	2059
Bacteria_Firmicutes_Clostridia_Ammonifex	2049
Bacteria_Aquificae_Aquificales_Persephonella	2048
Bacteria_Fusobacteria_Fusobacterales_usobacterium	2046
Bacteria_Bacteroidetes_Flavobacteria_Weeksella	2045
Bacteria_Proteobacteria_Gammaproteobacteria_andidatus_Hamiltonella	2045
Bacteria_Aquificae_Aquificales_Hydrogenobacter	2041
Bacteria_Proteobacteria_Epsilonproteobacteria_Wolinella	2028
Bacteria_Chlamydiae_Chlamydiales_andidatus_Protochlamydia	2023
Bacteria_Firmicutes_Negativicutes_Acidaminococcus	2016
Bacteria_Proteobacteria_Gammaproteobacteria_Pasteurella	2015
Bacteria_Actinobacteria_Actinobacteridae_Leifsonia	2001
Bacteria_Nitrospirae_Nitrospirales_hermodesulfovibrio	1982
Bacteria_Actinobacteria_Acidimicrobiales_Acidimicrobium	1935

	Bacteria_Chlamydiae_Chlamydiales_Waddlia	1919
	Bacteria_Proteobacteria_Gammaproteobacteria_ulfur-oxidizing symbionts	1912
	Bacteria_Actinobacteria_Actinobacteridae_obiluncus	1904
	Bacteria_Thermotogae_Thermotogales_Petrogoga	1890
	Bacteria_Proteobacteria_Gammaproteobacteria_Moraxella	1878
	Bacteria_Synergistetes_Synergistia_minobacterium	1872
	Bacteria_Tenericutes_Mollicutes_Ureaplasma	1866
	Bacteria_Firmicutes_Negativicutes_eillonella	1843
	Bacteria_Proteobacteria_Epsilonproteobacteria_Nitratiruptor	1843
	Bacteria_Proteobacteria_Alphaproteobacteria_Neorickettsia	1830
	Bacteria_candidate division WWE_Candidatus Cloacamonas_Candidatus Cloacamonas	1813
	Bacteria_Firmicutes_Clostridia_Finegoldia	1813
	Bacteria_Aquificae_Aquificales_Thermovibrio	1812
	Bacteria_Firmicutes_Clostridia_Anaerococcus	1795
	Bacteria_Proteobacteria_Gammaproteobacteria_Candidatus Blochmannia	1780
	Bacteria_Actinobacteria_Coriobacteridae_Coriobacterium	1768
	Bacteria_Firmicutes_Lactobacillales_Pediococcus	1755
	Bacteria_Actinobacteria_Coriobacteridae_Olsenella	1739
	Bacteria_Synergistetes_Synergistia_hermanaerovibrio	1737
	Bacteria_Proteobacteria_Epsilonproteobacteria_Nautillia	1730
	Bacteria_Thermotogae_Thermotogales_ervidobacterium	1725
	Bacteria_Actinobacteria_Actinobacteridae_Arcanobacterium	1717
	Bacteria_Firmicutes_Lactobacillales_Aerococcus	1684
	Bacteria_Firmicutes_Lactobacillales_Oenococcus	1682
	Bacteria_Proteobacteria_Deltaproteobacteria_Hippea	1653
	Bacteria_Aquificae_Aquificales_Hydrogenobaculum	1626
	Bacteria_Chloroflexi_Dehalococcoidetes_Dehalogenimonas	1619
	Bacteria_Firmicutes_Clostridia_Filifactor	1615
	Bacteria_Aquificae_Aquificales_Thermocrinis	1592
	Bacteria_Actinobacteria_Actinobacteridae_Tropheryma	1586
	Bacteria_Firmicutes_Clostridia_Clostridiales	1566
	Bacteria_Proteobacteria_Betaproteobacteria_Taylorella	1556
	Bacteria_Aquificae_Aquificales_Aquifex	1552
	Bacteria_Elusimicrobia_Elusimicrobia (class)_Elusimicrobium	1528
	Bacteria_Aquificae_Aquificales_esulfurobacterium	1496
	Bacteria_Firmicutes_Clostridia_Coprothermobacter	1481
	Bacteria_Fusobacteria_Fusobacteriales_treptobacillus	1423
	Bacteria_Tenericutes_Mollicutes_andidatus Phytoplasma asteris	1420
	Bacteria_Tenericutes_Mollicutes_Acholeplasma	1380
	Bacteria_Actinobacteria_Coriobacteridae_Cryptobacterium	1355
	Bacteria_Proteobacteria_Alphaproteobacteria_Candidatus Pelagibacter	1354
	Bacteria_Actinobacteria_Coriobacteridae_Atopobium	1353
	Bacteria_Proteobacteria_Deltaproteobacteria_Lawsonia	1342
	Bacteria_Proteobacteria_Alphaproteobacteria_phagocytophilum group	1330
	Bacteria_Proteobacteria_Gammaproteobacteria_Dichelobacter	1273
	Bacteria_Bacteroidetes_Candidatus Amoebophilus_Candidatus Amoebophilus	1253
	Bacteria_Cyanobacteria_Chroococcales_Chroococcales	1198
	Bacteria_Bacteroidetes_Flavobacteria_Blattabacterium	1168
	Bacteria_Bacteroidetes_Flavobacteria_andidatus Sulcia	941
	Bacteria_Bacteroidetes_Bacteroidia_andidatus Azobacteroides	847
	Bacteria_Elusimicrobia_environmental samples_environmental samples	767
	Bacteria_Tenericutes_Mollicutes_Mesoplasma	683
	Bacteria_Tenericutes_Mollicutes_16SrXII (Stolbur group)	633
	Bacteria_Proteobacteria_Gammaproteobacteria_Wigglesworthia	612
	Bacteria_Proteobacteria_Gammaproteobacteria_Candidatus Baumannia	595
	Bacteria_Proteobacteria_Gammaproteobacteria_Candidatus Riesia	540
	Bacteria_Tenericutes_Mollicutes_6SrX (Apple proliferation group)	447
	Bacteria_Proteobacteria_Gammaproteobacteria_Alteromonas	256
	Bacteria_Proteobacteria_Betaproteobacteria_Candidatus Zinderia	206
	Bacteria_Proteobacteria_Gammaproteobacteria_Candidatus Carsonella	182
	Bacteria_Proteobacteria_Alphaproteobacteria_andidatus Hodgkinia	169
Eukaryota	Eukaryota_Fungi_Dikarya_Aspergillus	59135
1,901,810 proteins	Eukaryota_Fungi_Dikarya_Saccharomyces	57409
110 species	Eukaryota_Fungi_Dikarya_Ajellomyces	56581
	Eukaryota_Metazoa_Chordata_Homo	56392
	Eukaryota_Parabasalia_Trichomonadida_Trichomonas	50189
	Eukaryota_Metazoa_Chordata_Mus	48070
	Eukaryota_Metazoa_Nematoda_Caenorhabditis	44983
	Eukaryota_Metazoa_Chordata_Callithrix	41805
	Eukaryota_Alveolata_Ciliophora_Paramecium	39416
	Eukaryota_Metazoa_Chordata_Danio	38386
	Eukaryota_Metazoa_Chordata_Macaca	35993
	Eukaryota_Viridiplantae_Streptophyta_hyscomitrella	34835
	Eukaryota_Metazoa_Chordata_Rattus	34098
	Eukaryota_Alveolata_Apicomplexa_Plasmodium (Vinckeia)	34026
	Eukaryota_Metazoa_Arthropoda_Sophophora	33527
	Eukaryota_Viridiplantae_Streptophyta_Arabidopsis	32650
	Eukaryota_Metazoa_Chordata_Monodelphis	31314
	Eukaryota_Fungi_Dikarya_Neosartorya	29944
	Eukaryota_Metazoa_Chordata_ranchiostoma	28545
	Eukaryota_Metazoa_Chordata_Tetraodon	27823
	Eukaryota_Metazoa_Chordata_Silurana	27175
	Eukaryota_Metazoa_Chordata_Ornithorhynchus	26759
	Eukaryota_Metazoa_Chordata_Bos	26158
	Eukaryota_Fungi_Dikarya_Paracoccidioides	25734
	Eukaryota_Fungi_Dikarya_Arthroderma	25649
	Eukaryota_Metazoa_Chordata_anis	25441
	Eukaryota_Metazoa_Cnidaria_Nematostella	24435
	Eukaryota_Fungi_Dikarya_Pyrenophora	23767
	Eukaryota_Metazoa_Chordata_Equus	23099
	Eukaryota_Metazoa_Chordata_Gallus	21609
	Eukaryota_Metazoa_Arthropoda_Anopheles	20535
	Eukaryota_Fungi_Dikarya_Puccinia	20437
	Eukaryota_Fungi_Dikarya_Metarhizium	20410
	Eukaryota_Metazoa_Arthropoda_Ixodes	20381

Eukaryota_Metazoa_Chordata_Ciona	20151
Eukaryota_Metazoa_Chordata_us	19634
Eukaryota_Fungi_Dikarya_ilobasidiella or Cryptococcus neoformans species complex	19564
Eukaryota_Euglenozoa_Kinetoplastida_chizotrypanum	19238
Eukaryota_Alveolata_Apicomplexa_Toxoplasma	18633
Eukaryota_Fungi_Dikarya_accaria	17895
Eukaryota_Fungi_Dikarya_andida	17781
Eukaryota_stramenopiles_Oomycetes_Phytophthora	17602
Eukaryota_Fungi_Dikarya_Coccidioides	17438
Eukaryota_Fungi_Dikarya_Botryotinia	16365
Eukaryota_Euglenozoa_Kinetoplastida_Leishmania	16094
Eukaryota_Metazoa_Arthropoda_Stegomyia	16047
Eukaryota_Fungi_Dikarya_Phaeosphaeria	15996
Eukaryota_Fungi_Dikarya_ectria haematococca complex	15679
Eukaryota_Viridiplantae_Chlorophyta_streococcus	15372
Eukaryota_Fungi_Dikarya_Sclerotinia	14400
Eukaryota_Fungi_Dikarya_Moniliophthora	13649
Eukaryota_Fungi_Dikarya_oprinopsis	13335
Eukaryota_Fungi_Dikarya_chizophyllum	13128
Eukaryota_Fungi_Dikarya_Talaromyces	12996
Eukaryota_Fungi_Dikarya_enicillium chrysogenum complex	12773
Eukaryota_Amoebozoa_Mycetozoa_Dictyostelium	12760
Eukaryota_Fungi_Dikarya_agnaporthe	12686
Eukaryota_Fungi_Dikarya_Leptosphaeria maculans complex	12468
Eukaryota_stramenopiles_PX clade_Ectocarpus	12364
Eukaryota_Amoebozoa_Mycetozoa_Polysphondylium	12350
Eukaryota_Fungi_Dikarya_lomerella	12019
Eukaryota_stramenopiles_Bacillariophyta_halassiosira	11625
Eukaryota_Diplomonadida_Hexamitidae_Giardia	11620
Eukaryota_Fungi_Dikarya_haetomium	11041
Eukaryota_Fungi_Dikarya_ordaria	10819
Eukaryota_Metazoa_Arthropoda_ediculus	10763
Eukaryota_Fungi_Dikarya_odospora	10526
Eukaryota_Alveolata_Apicomplexa_Plasmodium (Plasmodium)	10479
Eukaryota_Fungi_Dikarya_Penicillium	10447
Eukaryota_Fungi_Dikarya_Verticillium	10233
Eukaryota_stramenopiles_Bacillariophyta_Phaeodactylum	10108
Eukaryota_Fungi_Dikarya_eurospora	9827
Eukaryota_Fungi_Dikarya_Schizosaccharomyces	9767
Eukaryota_Euglenozoa_Kinetoplastida_Trypanosoma	9688
Eukaryota_Fungi_Dikarya_Emericella	9542
Eukaryota_Fungi_Dikarya_Pichia	9243
Eukaryota_Choanoflagellida_Codonosigidae_Monosiga	9188
Eukaryota_Fungi_Dikarya_Postia	8983
Eukaryota_Fungi_Dikarya_rosmannia	8311
Eukaryota_Euglenozoa_Kinetoplastida_eishmania braziliensis species complex	8102
Eukaryota_Fungi_Dikarya_Trichophyton	8028
Eukaryota_Amoebozoa_Archamoebae_Entamoeba	7948
Eukaryota_Alveolata_Apicomplexa_Theileria	7862
Eukaryota_Fungi_Dikarya_Uncinocarpus	7760
Eukaryota_Fungi_Dikarya_Tuber	7494
Eukaryota_Fungi_Dikarya_Sporisorium	6673
Eukaryota_Fungi_Dikarya_Ustilago	6548
Eukaryota_Fungi_Dikarya_Yarrowia	6414
Eukaryota_Fungi_Dikarya_Debaryomyces	6242
Eukaryota_Fungi_Dikarya_Clavispora	5932
Eukaryota_Fungi_Dikarya_Meyerozyma	5919
Eukaryota_Fungi_Dikarya_cheffersomyces	5796
Eukaryota_Fungi_Dikarya_Lodderomyces	5779
Eukaryota_Fungi_Dikarya_anderwaltozyma	5353
Eukaryota_Alveolata_Apicomplexa_Plasmodium (Laverania)	5349
Eukaryota_Fungi_Dikarya_itosporic Nakaseomyces	5197
Eukaryota_Fungi_Dikarya_Lachancea	5093
Eukaryota_Fungi_Dikarya_Kluyveromyces	5074
Eukaryota_Fungi_Dikarya_ygosaccharomyces	4987
Eukaryota_Fungi_Dikarya_Eremothecium	4761
Eukaryota_Fungi_Dikarya_Malassezia	4274
Eukaryota_Alveolata_Apicomplexa_Cryptosporidium	3886
Eukaryota_Fungi_Microsporidia_Encephalitozoon	3738
Eukaryota_Alveolata_Apicomplexa_Babesia	3686
Eukaryota_Fungi_Microsporidia_Enterocytozoon	3311
Eukaryota_Fungi_Microsporidia_Nosema	2060
Eukaryota_Cryptophyta_Pyrenomonadales_Guillardia	598
Eukaryota_Cryptophyta_Cryptomonadales_Hemiselmis	498
Eukaryota_Metazoa_Arthropoda_Culex	92
<i>Eukaryota_Viridiplantae_Streptophyta_Welwitschia</i>	19
Viruses	909
19,841 proteins	811
325 species	786
Viruses_dsDNA viruses, no RNA stage_Mimiviridae_Mimivirus	685
Viruses_dsDNA viruses, no RNA stage_Poxviridae_rthopoxvirus	556
Viruses_dsDNA viruses, no RNA stage_Asfarviridae_Asfivirus	543
Viruses_dsDNA viruses, no RNA stage_Phycodnaviridae_Chlorovirus	543
Viruses_dsDNA viruses, no RNA stage_Herpesvirales_Cytomegalovirus	541
Viruses_dsDNA viruses, no RNA stage_Poxviridae_Vaccinia virus	531
Viruses_ssRNA negative-strand viruses_Orthomyxoviridae_influenzavirus A	472
Viruses_dsDNA viruses, no RNA stage_Herpesvirales_Varicellovirus	469
Viruses_dsDNA viruses, no RNA stage_Nimaviridae_Whispovirus	462
Viruses_dsDNA viruses, no RNA stage_Phycodnaviridae_occolithovirus	457
Viruses_dsDNA viruses, no RNA stage_Iridoviridae_Iridovirus	355
Viruses_dsDNA viruses, no RNA stage_Ascoviridae_Ascovirus	344
Viruses_dsDNA viruses, no RNA stage_Baculoviridae_Alphabaculovirus	324
Viruses_dsDNA viruses, no RNA stage_Caudovirales_4-like viruses	306
Viruses_Retro-transcribing viruses_Retroviridae_Primate lentivirus group	302
Viruses_dsDNA viruses, no RNA stage_Poxviridae_eporipoxvirus	296
Viruses_dsDNA viruses, no RNA stage_Caudovirales_hiKZ-like viruses	
Viruses_dsDNA viruses, no RNA stage_Herpesvirales_Roseolovirus	
Viruses_Retro-transcribing viruses_Hepadnaviridae_rthepadnavirus	

Viruses_dsDNA viruses, no RNA stage_Poxviridae_etaentomopoxvirus	278
Viruses_dsDNA viruses, no RNA stage_Papillomaviridae_lphapapillomavirus	272
Viruses_dsDNA viruses, no RNA stage_Herpesvirales_Lymphocryptovirus	264
Viruses_ssDNA viruses_Microviridae_Microvirus	254
Viruses_dsDNA viruses, no RNA stage_Poxviridae_vipoxvirus	251
Viruses_dsDNA viruses, no RNA stage_Caudovirales_5-like viruses	247
Viruses_dsDNA viruses, no RNA stage_Herpesvirales_Rhadinovirus	237
Viruses_dsDNA viruses, no RNA stage_Phycodnaviridae_Phaeovirus	231
Viruses_dsDNA viruses, no RNA stage_Caudovirales_xz1-like phages	225
Viruses_dsDNA viruses, no RNA stage_Caudovirales_unclassified_SPO1-like viruses	215
Viruses_dsDNA viruses, no RNA stage_Caudovirales_PO1-like viruses	204
Viruses_dsRNA viruses_Reoviridae_otavirus A	204
Viruses_ssRNA positive-strand viruses, no DNA stage_Nidovirales_Betacoronavirus	204
Viruses_dsDNA viruses, no RNA stage_Caudovirales_1-like viruses	191
Viruses_dsDNA viruses, no RNA stage_Caudovirales_T7-like viruses	188
Viruses_dsDNA viruses, no RNA stage_Herpesvirales_Muromegalovirus	182
Viruses_dsDNA viruses, no RNA stage_Caudovirales_Podoviridae	168
Viruses_dsDNA viruses, no RNA stage_Poxviridae_eravidpoxvirus	165
Viruses_dsDNA viruses, no RNA stage_Poxviridae_olluscipoxvirus	163
Viruses_dsDNA viruses, no RNA stage_Herpesvirales_Simplexvirus	147
Viruses_dsDNA viruses, no RNA stage_Poxviridae_uipoxvirus	146
Viruses_dsDNA viruses, no RNA stage_Baculoviridae_Betabaculovirus	143
Viruses_dsDNA viruses, no RNA stage_Poxviridae_atapoxvirus	140
Viruses_dsDNA viruses, no RNA stage_Papillomaviridae_etapapillomavirus	135
Viruses_dsDNA viruses, no RNA stage_Poxviridae_arapoxvirus	129
Viruses_dsDNA viruses, no RNA stage_Caudovirales_hieco32-like viruses	128
Viruses_dsDNA viruses, no RNA stage_Iridoviridae_Chloriridovirus	126
Viruses_ssDNA viruses_Geminiviridae_Begomovirus	126
Viruses_dsDNA viruses, no RNA stage_Iridoviridae_infectious spleen and kidney necrosis virus	125
Viruses_dsDNA viruses, no RNA stage_Herpesvirales_Ostreavirus	116
Viruses_dsDNA viruses, no RNA stage_Caudovirales_utographivirinae	112
Viruses_dsDNA viruses, no RNA stage_Baculoviridae_Deltabaculovirus	109
Viruses_dsDNA viruses, no RNA stage_Iridoviridae_Ranavirus	96
Viruses_dsDNA viruses, no RNA stage_Herpesvirales_Mardivirus	90
Viruses_dsDNA viruses, no RNA stage_Baculoviridae_Gammabaculovirus	89
Viruses_ssRNA negative-strand viruses_Mononegavirales_Lyssavirus	86
Viruses_dsDNA viruses, no RNA stage_Caudovirales_22-like viruses	83
Viruses_dsDNA viruses, no RNA stage_Caudovirales_P2-like viruses	79
Viruses_dsDNA viruses, no RNA stage_Adenoviridae_Mastadenovirus	78
Viruses_dsDNA viruses, no RNA stage_Herpesvirales_Percavirus	77
Viruses_dsDNA viruses, no RNA stage_Herpesvirales_Ictalurivirus	76
Viruses_dsDNA viruses, no RNA stage_Lipothrixviridae_etaliptothrixvirus	73
Viruses_dsDNA viruses, no RNA stage_Herpesvirales_Iltovirus	71
Viruses_dsDNA viruses, no RNA stage_Herpesvirales_Macavirus	70
Viruses_ssRNA negative-strand viruses_Arenaviridae_ew world arenaviruses	62
Viruses_dsDNA viruses, no RNA stage_Polyomaviridae_Polyomavirus	61
Viruses_ssRNA positive-strand viruses, no DNA stage_Virgaviridae_obamovirus	60
Viruses_ssRNA positive-strand viruses, no DNA stage_Tymovirales_Potexvirus	59
Viruses_dsDNA viruses, no RNA stage_Caudovirales_15-like viruses	58
Viruses_dsDNA viruses, no RNA stage_Caudovirales_ambda-like viruses	58
Viruses_dsDNA viruses, no RNA stage_Adenoviridae_uman adenovirus B	55
Viruses_dsDNA viruses, no RNA stage_Ampullaviridae_Ampullavirus	54
Viruses_ssDNA viruses_Geminiviridae_Mastrevirus	53
Viruses_dsDNA viruses, no RNA stage_Caudovirales_hiC31-like viruses	52
Viruses_dsDNA viruses, no RNA stage_Lipothrixviridae_etalipthrixvirus	52
Viruses_Retro-transcribing viruses_Caulimoviridae_Caulimovirus	52
Viruses_ssRNA positive-strand viruses, no DNA stage_Potyviridae_otyvirus	49
Viruses_dsDNA viruses, no RNA stage_Globuloviridae_Globulovirus	48
Viruses_ssRNA negative-strand viruses_Mononegavirales_Vesiculovirus	47
Viruses_ssRNA negative-strand viruses_Mononegavirales_bolavirus	46
Viruses_ssRNA negative-strand viruses_Mononegavirales_Morbillivirus	46
Viruses_ssDNA viruses_Nanoviridae_Nanovirus	44
Viruses_ssRNA positive-strand viruses, no DNA stage_Nidovirales_Alphacoronavirus	41
Viruses_dsDNA viruses, no RNA stage_Lipothrixviridae_ammalipthrixvirus	40
Viruses_dsDNA viruses, no RNA stage_Papillomaviridae_eltapapillomavirus	40
Viruses_ssDNA viruses_Inoviridae_Inovirus	40
Viruses_dsDNA viruses, no RNA stage_Adenoviridae_owl adenovirus A	39
Viruses_dsDNA viruses, no RNA stage_Caudovirales_2-like viruses	38
Viruses_ssRNA negative-strand viruses_Mononegavirales_Respirovirus	38
Viruses_dsDNA viruses, no RNA stage_Lipothrixviridae_lphalipthrixvirus	37
Viruses_dsDNA viruses, no RNA stage_Tectiviridae_Tectivirus	36
Viruses_Retro-transcribing viruses_Retroviridae_eltaretrovirus	36
Viruses_ssRNA negative-strand viruses_Mononegavirales_arburgvirus	35
Viruses_ssRNA negative-strand viruses_Mononegavirales_Pneumovirus	35
Viruses_Deltavirus_C Viruses_Deltavirus	34
Viruses_ssDNA viruses_Anelloviridae_unclassified_Anelloviridae	34
Viruses_dsRNA viruses_Reoviridae_Orthoreovirus	33
Viruses_dsRNA viruses_Reoviridae_Rotavirus	33
Viruses_ssRNA positive-strand viruses, no DNA stage_Flaviviridae_epacivirus	32
Viruses_ssRNA negative-strand viruses_Mononegavirales_Rubulavirus	31
Viruses_Retro-transcribing viruses_Hepadnaviridae_Avihepadnavirus	30
Viruses_ssRNA positive-strand viruses, no DNA stage_Hepeviridae_epevirus	30
Viruses_dsDNA viruses, no RNA stage_Caudovirales_Phi29-like viruses	28
Viruses_Retro-transcribing viruses_Retroviridae_etaretrovirus	27
Viruses_Retro-transcribing viruses_Retroviridae_pumavirus	27
Viruses_dsDNA viruses, no RNA stage_Papillomaviridae_upapillomavirus	26
Viruses_ssDNA viruses_Parvoviridae_Parvovirus	25
Viruses_ssRNA negative-strand viruses_Mononegavirales_Nucleorhabdovirus	25
Viruses_dsRNA viruses_Reoviridae_Phytoreovirus	24
Viruses_ssRNA negative-strand viruses_Mononegavirales_Novirhabdovirus	24
Viruses_ssRNA positive-strand viruses, no DNA stage_Nidovirales_Arterivirus	24
Viruses_dsDNA viruses, no RNA stage_Adenoviridae_Siadenovirus	23
Viruses_dsRNA viruses_Reoviridae_Mycoreovirus	23
Viruses_ssRNA positive-strand viruses, no DNA stage_Luteoviridae_olerovirus	23
Viruses_dsDNA viruses, no RNA stage_Caudovirales_AHJD-like viruses	21
Viruses_ssDNA viruses_Circoviridae_Circovirus	21

<i>Viruses_unclassified virophages_C</i>	21
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<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Flaviviridae_Dengue virus group</i>	20
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Nidovirales_Gammacoronavirus</i>	20
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Togaviridae_SFV complex</i>	20
<i>Viruses_dsDNA viruses, no RNA stage_Papillomaviridae_ipapillomavirus</i>	19
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Picornavirales_Human enterovirus B</i>	19
<i>Viruses_Retro-transcribing viruses_Retroviridae_Murine leukemia virus</i>	18
<i>Viruses_ssRNA negative-strand viruses_Mononegavirales_Henipavirus</i>	18
<i>Viruses_ssRNA negative-strand viruses_Mononegavirales_Metapneumovirus</i>	18
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Astroviridae_astrovirus</i>	18
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Caliciviridae_esivirus</i>	18
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Togaviridae_ubivirus</i>	18
<i>Viruses_ssDNA viruses_Circoviridae_Gyrovirus</i>	16
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Bromoviridae_ucumovirus</i>	16
<i>Viruses_dsDNA viruses, no RNA stage_Papillomaviridae_ammappapillomavirus</i>	14
<i>Viruses_ssRNA negative-strand viruses_Mononegavirales_Cytorhabdovirus</i>	14
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Leviviridae_evivirus</i>	14
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Tombusviridae_ombusvirus</i>	14
<i>Viruses_dsRNA viruses_Reoviridae_Coltivirus</i>	13
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Closteroviridae_mpeovirus</i>	13
<i>Viruses_dsRNA viruses_Reoviridae_Aquareovirus</i>	12
<i>Viruses_dsRNA viruses_Reoviridae_ijivirus group</i>	12
<i>Viruses_dsRNA viruses_Reoviridae_nclassified Aquareovirus</i>	12
<i>Viruses_dsRNA viruses_Reoviridae_Seadomavirus</i>	12
<i>Viruses_Retro-transcribing viruses_Retroviridae_ammaretrovirus</i>	12
<i>Viruses_ssRNA negative-strand viruses_Arenaviridae_Id world arenaviruses</i>	12
<i>Viruses_ssRNA negative-strand viruses_Mononegavirales_Ephemerovirus</i>	12
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Bromoviridae_romovirus</i>	12
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Sobemovirus_Sobemovirus</i>	12
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Tymovirales_Tymovirus</i>	12
<i>Viruses_dsRNA viruses_Reoviridae_Mimoreovirus</i>	11
<i>Viruses_dsRNA viruses_Reoviridae_nclassified rotaviruses</i>	11
<i>Viruses_dsRNA viruses_Reoviridae_Orbivirus</i>	11
<i>Viruses_dsRNA viruses_Reoviridae_Oryzavirus</i>	11
<i>Viruses_ssRNA negative-strand viruses_Mononegavirales_ornavirus</i>	11
<i>Viruses_ssRNA negative-strand viruses_Ophioviridae_Ophiovirus</i>	11
<i>Viruses_ssRNA negative-strand viruses_Orthomyxoviridae_nfluenzavirus B</i>	11
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Picornavirales_Comovirus</i>	11
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Picornavirales_Hepatovirus</i>	11
<i>Viruses_dsRNA viruses_Reoviridae_Cypovirus</i>	10
<i>Viruses_Retro-transcribing viruses_Retroviridae_lpharetrovirus</i>	10
<i>Viruses_ssDNA viruses_Parvoviridae_Densovirus</i>	10
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Nidovirales_Coronavirus group 2c</i>	10
<i>Viruses_dsRNA viruses_Reoviridae_Dinovemavirus</i>	9
<i>Viruses_Retro-transcribing viruses_Caulimoviridae_Soymovirus</i>	9
<i>Viruses_ssDNA viruses_Geminiviridae_Curtovirus</i>	9
<i>Viruses_ssRNA negative-strand viruses_Bunyaviridae_Hantavirus</i>	9
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Astroviridae_vastrovirus</i>	9
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Benyvirus_Benyvirus</i>	9
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Flaviviridae_Yellow fever virus group</i>	9
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Picornavirales_Aphthovirus</i>	9
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Potyviridae_ymovirus</i>	9
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Togaviridae_VEEV complex</i>	9
<i>Viruses_dsDNA viruses, no RNA stage_Papillomaviridae_appapapillomavirus</i>	8
<i>Viruses_dsDNA viruses, no RNA stage_Papillomaviridae_mikronpapillomavirus</i>	8
<i>Viruses_ssRNA negative-strand viruses_Bunyaviridae_Orthobunyavirus</i>	8
<i>Viruses_ssRNA negative-strand viruses_Bunyaviridae_Phlebovirus</i>	8
<i>Viruses_ssRNA negative-strand viruses_Mononegavirales_Avulavirus</i>	8
<i>Viruses_ssRNA negative-strand viruses_Orthomyxoviridae_nfluenzavirus C</i>	8
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Closteroviridae_losteroovirus</i>	8
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Closteroviridae_rinivirus</i>	8
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Picornavirales_Cardiovirus</i>	8
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Picornavirales_Human enterovirus C</i>	8
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Togaviridae_lphavirus</i>	8
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Tombusviridae_armovirus</i>	8
<i>Viruses_dsDNA viruses, no RNA stage_Papillomaviridae_ambdapapillomavirus</i>	7
<i>Viruses_dsDNA viruses, no RNA stage_Papillomaviridae_otapapillomavirus</i>	7
<i>Viruses_dsDNA viruses, no RNA stage_Papillomaviridae_pstilonpapillomavirus</i>	7
<i>Viruses_ssDNA viruses_Nanoviridae_Babuvirus</i>	7
<i>Viruses_ssDNA viruses_Parvoviridae_Erythrovirus</i>	7
<i>Viruses_ssDNA viruses_Parvoviridae_nclassified Densovirinae</i>	7
<i>Viruses_ssDNA viruses_Parvoviridae_Pefudensovirus</i>	7
<i>Viruses_ssRNA negative-strand viruses_Orthomyxoviridae_hogotovirus</i>	7
<i>Viruses_ssRNA negative-strand viruses_Tenuivirus_Tenuivirus</i>	7
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Caliciviridae_agovirus</i>	7
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Nidovirales_Equine torovirus</i>	7
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Picornavirales_Subgroup A</i>	7
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Picornavirales_Subgroup B</i>	7
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Togaviridae_WEEV complex</i>	7
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Tombusviridae_ianthovirus</i>	7
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Virgaviridae_ecluvirus</i>	7
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Virgaviridae_omovirus</i>	7
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Virgaviridae_ordeivirus</i>	7
<i>Viruses_dsDNA viruses, no RNA stage_Papillomaviridae_hetapapillomavirus</i>	6
<i>Viruses_dsDNA viruses, no RNA stage_Papillomaviridae_tapapillomavirus</i>	6
<i>Viruses_dsRNA viruses_Birnaviridae_Aquabirnavirus</i>	6
<i>Viruses_dsRNA viruses_Birnaviridae_Avibirnavirus</i>	6
<i>Viruses_Retro-transcribing viruses_Retroviridae_psilonretrovirus</i>	6
<i>Viruses_Retro-transcribing viruses_Retroviridae_unclassified Gammaretrovirus</i>	6
<i>Viruses_ssDNA viruses_Geminiviridae_Topocavirus</i>	6
<i>Viruses_ssRNA negative-strand viruses_Bunyaviridae_Nairovirus</i>	6
<i>Viruses_ssRNA negative-strand viruses_Varicosavirus_Varicosavirus</i>	6
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_C</i>	6
<i>Viruses_ssRNA positive-strand viruses, no DNA stage</i>	6
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Caliciviridae_apovirus</i>	6
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Caliciviridae_orovirus</i>	6

<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Flaviviridae_tick-borne encephalitis virus group</i>	6
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Luteoviridae_uteovirus</i>	6
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Nidovirales_Torovirus</i>	6
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Picomavirales_Subgroup C</i>	6
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Togaviridae_EEEV complex</i>	6
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Tymovirales_Allexivirus</i>	6
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Tymovirales_Carlavirus</i>	6
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Tymovirales_Lolavirus</i>	6
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Tymovirales_Mandarivirus</i>	6
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Tymovirales_Trichovirus</i>	6
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Virgaviridae_obravirus</i>	6
<i>Viruses_dsDNA viruses, no RNA stage_Polydnviridae_Ichnovirus</i>	5
<i>Viruses_Retro-transcribing viruses_Caulimoviridae_Cavemovirus</i>	5
<i>Viruses_ssDNA viruses_Circoviridae_nclassified_Circovirus</i>	5
<i>Viruses_ssDNA viruses_Parvoviridae_Brevdensovirus</i>	5
<i>Viruses_ssRNA negative-strand viruses_Bunyaviridae_Tospovirus</i>	5
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Bromoviridae_Iarvirus</i>	5
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Flaviviridae_estivirus</i>	5
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Flaviviridae_Japanese encephalitis virus group</i>	5
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Luteoviridae_namovirus</i>	5
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Nidovirales_Bafinivirus</i>	5
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Nidovirales_Okavirus</i>	5
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Tombusviridae_anicovirus</i>	5
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Tombusviridae_ecrovirus</i>	5
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Tymovirales_Botrexvirus</i>	5
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Tymovirales_Foveavirus</i>	5
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Tymovirales_Vitivirus</i>	5
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Virgaviridae_urovirus</i>	5
<i>Viruses_dsDNA viruses, no RNA stage_Phycodnaviridae_Raphidovirus</i>	4
<i>Viruses_dsRNA viruses_Chrysoviridae_Chrysovirus</i>	4
<i>Viruses_dsRNA viruses_Hypoviridae_Hypovirus</i>	4
<i>Viruses_Retro-transcribing viruses_Caulimoviridae_Tungrovirus</i>	4
<i>Viruses_ssDNA viruses_Anelloviridae_Epsilontorquevirus</i>	4
<i>Viruses_ssDNA viruses_Parvoviridae_Amdovirus</i>	4
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Barnaviridae_arnavirus</i>	4
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Bromoviridae_leavirus</i>	4
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Bromoviridae_Ifamovirus</i>	4
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Bromoviridae_nulavirus</i>	4
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Caliciviridae_ebovirus</i>	4
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Picomavirales_Human enterovirus A</i>	4
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Picomavirales_Human rhinovirus A</i>	4
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Polemovirus_Polemovirus</i>	4
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Tombusviridae_achlomovirus</i>	4
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Tombusviridae_ureusvirus</i>	4
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Tymovirales_Maculavirus</i>	4
<i>Viruses_unassigned ssRNA viruses_Emaravirus_Emaravirus</i>	4
<i>Viruses_dsRNA viruses_Birnaviridae_Blosnavirus</i>	3
<i>Viruses_dsRNA viruses_Birnaviridae_Entomobirnavirus</i>	3
<i>Viruses_dsRNA viruses_Picobirnaviridae_Picobirnavirus</i>	3
<i>Viruses_dsRNA viruses_Totiviridae_Leishmanivirus</i>	3
<i>Viruses_Retro-transcribing viruses_Caulimoviridae_Badnavirus</i>	3
<i>Viruses_ssDNA viruses_Anelloviridae_Betatorquevirus</i>	3
<i>Viruses_ssDNA viruses_Anelloviridae_Delatorquevirus</i>	3
<i>Viruses_ssDNA viruses_Anelloviridae_Etatorquevirus</i>	3
<i>Viruses_ssDNA viruses_Anelloviridae_Iotatorquevirus</i>	3
<i>Viruses_ssDNA viruses_Anelloviridae_Thetatorquevirus</i>	3
<i>Viruses_ssDNA viruses_Anelloviridae_Zetatorquevirus</i>	3
<i>Viruses_ssDNA viruses_Parvoviridae_Bocavirus</i>	3
<i>Viruses_ssDNA viruses_Parvoviridae_Dependovirus</i>	3
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Caliciviridae_Southampton virus</i>	3
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Idaeovirus_Idaeovirus</i>	3
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Nodaviridae_etanodavirus</i>	3
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Nodaviridae_Iphanodavirus</i>	3
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Ourmiavirus_Ourmiavirus</i>	3
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Picomavirales_Parechovirus</i>	3
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Picomavirales_Torradorvirus</i>	3
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Picomavirales_Tremovirus</i>	3
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Tetraviridae_megatetravirus</i>	3
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Tombusviridae_venavirus</i>	3
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Tymovirales_Citriovirus</i>	3
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Umbravirus_Umbravirus</i>	3
<i>Viruses_dsRNA viruses_Partitiviridae_Alphacryptovirus</i>	2
<i>Viruses_dsRNA viruses_Partitiviridae_Cryspovirus</i>	2
<i>Viruses_dsRNA viruses_Totiviridae_Giardivirus</i>	2
<i>Viruses_dsRNA viruses_Totiviridae_Totivirus</i>	2
<i>Viruses_dsRNA viruses_Totiviridae_Victorivirus</i>	2
<i>Viruses_Retro-transcribing viruses_Caulimoviridae_Petivirus</i>	2
<i>Viruses_ssDNA viruses_Anelloviridae_Alphatorquevirus</i>	2
<i>Viruses_ssDNA viruses_Anelloviridae_Gammatorquevirus</i>	2
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Flaviviridae_Hepatitis C virus subtype 3a</i>	2
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Namaviridae_arnavirus</i>	2
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Picomavirales_Cheravirus</i>	2
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Picomavirales_Cripavirus</i>	2
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Picomavirales_Enterovirus</i>	2
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Picomavirales_Fabavirus</i>	2
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Picomavirales_Sadwavirus</i>	2
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Picomavirales_Waikavirus</i>	2
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Tetraviridae_etatetravirus</i>	2
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Tymovirales_Capillovirus</i>	2
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Tymovirales_Marafivirus</i>	2
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Tymovirales_Mycoflexivirus</i>	2
<i>Viruses_unclassified viruses_C Viruses_unclassified viruses</i>	2
<i>Viruses_dsDNA viruses, no RNA stage_Iridoviridae_Lymphocystivirus</i>	1
<i>Viruses_dsDNA viruses, no RNA stage_Polydnviridae_Bracovirus</i>	1

<i>Viruses_dsRNA viruses_Endonaviridae_Endonavirus</i>	1
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Flaviviridae_Hepatitis C virus subtype 4a</i>	1
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Flaviviridae_Iavivirus</i>	1
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Flaviviridaeurray Valley encephalitis virus</i>	1
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Namaviridae_unclassified Mitovirus</i>	1
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Picornavirales_Avihepatovirus</i>	1
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Picornavirales_Erbovirus</i>	1
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Picornavirales_Human enterovirus D</i>	1
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Picornavirales_Iflavirus</i>	1
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Picornavirales_Kobuvirus</i>	1
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Picornavirales_Mamavirus</i>	1
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Picornavirales_Porcine enterovirus B</i>	1
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Picornavirales_Porcine sapelovirus</i>	1
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Picornavirales_Senecavirus</i>	1
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Picornavirales_Sequivirus</i>	1
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Picornavirales_Teschovirus</i>	1
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Potyviridae_pomovirus</i>	1
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Potyviridae_Potyviridae</i>	1
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Potyviridae_rambyvirus</i>	1
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Potyviridae_ritimovirus</i>	1
<i>Viruses_ssRNA positive-strand viruses, no DNA stage_Tymovirales_Sclerodarnavirus</i>	1
