

<b>Species</b>	<b>Number of proteins</b>
<i>Streptomyces coelicolor</i>	5355
<i>Acinetobacter</i> sp. (strain ADP1)	2388
<i>Aeropyrum pernix</i>	1070
<i>Agrobacterium tumefaciens</i> (strain C58 / ATCC 33970 (Washington University))	4077
<i>Agrobacterium tumefaciens</i> (strain C58 / ATCC 33970)	4073
<i>Anabaena</i> sp. (strain PCC 7120)	3612
<i>Aquifex aeolicus</i>	1235
<i>Archaeoglobus fulgidus</i>	1723
<i>Bacillus anthracis</i> (strain Ames)	3344
<i>Bacillus anthracis</i> str. Ames 0581	3401
<i>Bacillus anthracis</i> str. Sterne	3544
<i>Bacillus cereus</i> (strain ATCC 10987)	3603
<i>Bacillus cereus</i> (strain ATCC 14579 / DSM 31)	3434
<i>Bacillus halodurans</i>	2927
<i>Bacillus subtilis</i>	2992
<i>Bacillus thuringiensis</i> (subsp. konkukian)	3511
<i>Bacteroides thetaiotaomicron</i>	2828
<i>Bartonella henselae</i> ( <i>Rochalimaea henselae</i> )	1064
<i>Bartonella quintana</i> ( <i>Rochalimaea quintana</i> ) ( <i>Rochalimaea quintana</i> )	931
<i>Bdellovibrio bacteriovorus</i>	1947
<i>Bifidobacterium longum</i>	1293
<i>Bordetella bronchiseptica</i> ( <i>Alcaligenes bronchisepticus</i> )	3988
<i>Bordetella parapertussis</i>	3455
<i>Bordetella pertussis</i>	2711
<i>Borrelia burgdorferi</i> (Lyme disease spirochete) (Lyme disease spirochete)	985
<i>Bradyrhizobium japonicum</i>	5652
<i>Brucella melitensis</i>	2331
<i>Buchnera aphidicola</i> (subsp. <i>Acyrtosiphon pisum</i> ) ( <i>Acyrtosiphon pisum</i> symbiotic bacterium)	547
<i>Buchnera aphidicola</i> (subsp. <i>Baizongia pistaciae</i> )	483
<i>Buchnera aphidicola</i> (subsp. <i>Schizaphis graminum</i> )	541
<i>Campylobacter jejuni</i>	1208

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Candidatus Blochmannia floridanus	546
Caulobacter crescentus	2693
Chlamydia muridarum	648
Chlamydia pneumoniae strain AR39	712
Chlamydia pneumoniae strain CWL029	715
Chlamydia pneumoniae strain J138	724
Chlamydia trachomatis	641
Chlamydophila caviae	687
Chlamydophila pneumoniae TW-183	719
Chlorobium tepidum	1438
Chromobacterium violaceum	3105
Clostridium acetobutylicum	2652
Clostridium perfringens	2001
Clostridium tetani	1796
Corynebacterium diphtheriae	1506
Corynebacterium efficiens	1967
Corynebacterium glutamicum (Brevibacterium flavum)	1992
Corynebacterium glutamicum (Brevibacterium flavum) IS fingerprint type 4-5	1962
Coxiella burnetii	1171
Deinococcus radiodurans	2057
Desulfovibrio vulgaris (strain Hildenborough / ATCC 29579 / NCIMB 8303)	2186
Enterococcus faecalis (Streptococcus faecalis) (Streptococcus faecalis)	2117
Erwinia carotovora (subsp. atroseptica) (Pectobacterium atrosepticum) (Pectobacterium atrosepticum)	3482
Escherichia coli	3513
Escherichia coli O157:H7	4016
Escherichia coli O157:H7 strain EDL933	4011
Escherichia coli O6	3766
Fusobacterium nucleatum (subsp. nucleatum)	1437
Geobacter sulfurreducens	2375
Gloeobacter violaceus	2809
Haemophilus ducreyi	1176

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Haemophilus influenzae	1447
Halobacterium sp. (strain NRC-1 / ATCC 700922 / JCM 11081)	1472
Helicobacter hepaticus	1173
Helicobacter pylori (Campylobacter pylori) (Campylobacter pylori)	1058
Helicobacter pylori J99 (Campylobacter pylori J99)	1063
Lactobacillus johnsonii	1329
Lactobacillus plantarum	2208
Lactococcus lactis (subsp. lactis) (Streptococcus lactis) (Streptococcus lactis)	1694
Leifsonia xyli (subsp. xyli)	1379
Leptospira interrogans	2261
Leptospira interrogans (serogroup Icterohaemorrhagiae / serovar Copenhageni)	2076
Listeria innocua	2253
Listeria monocytogenes	2215
Listeria monocytogenes (serotype 4b / strain F2365)	2173
Mesoplasma florum (Acholeplasma florum) (Acholeplasma florum)	494
Methanobacterium thermoautotrophicum	1330
Methanococcus jannaschii	1267
Methanococcus maripaludis	1267
Methanopyrus kandleri	1071
Methanosarcina acetivorans	2682
Methanosarcina mazei (Methanosarcina frisia) (Methanosarcina frisia)	2144
Mycobacterium bovis	2199
Mycobacterium leprae	1144
Mycobacterium paratuberculosis	3070
Mycobacterium tuberculosis	2230
Mycobacterium tuberculosis CDC1551	2150
Mycoplasma gallisepticum	479
Mycoplasma genitalium	376
Mycoplasma mobile	430
Mycoplasma mycoides (subsp. mycoides SC)	590
Mycoplasma penetrans	666
Mycoplasma pneumoniae	510

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<i>Mycoplasma pulmonis</i>	501
<i>Nanoarchaeum equitans</i>	318
<i>Neisseria meningitidis</i> (serogroup A)	1371
<i>Neisseria meningitidis</i> (serogroup B)	1332
<i>Nitrosomonas europaea</i>	1761
<i>Oceanobacillus iheyensis</i>	2592
Onion yellows phytoplasma	430
<i>Parachlamydia</i> sp. (strain UAE25) (subsp. <i>Acanthamoeba</i> sp.)	1143
<i>Pasteurella multocida</i>	1712
<i>Photobacterium profundum</i> ( <i>Photobacterium</i> sp. (strain SS9))	3744
<i>Photorhabdus luminescens</i> (subsp. <i>laumondii</i> )	3077
<i>Picrophilus torridus</i>	1094
<i>Porphyromonas gingivalis</i> ( <i>Bacteroides gingivalis</i> ) ( <i>Bacteroides gingivalis</i> )	1160
<i>Prochlorococcus marinus</i>	1154
<i>Prochlorococcus marinus</i> (strain MIT 9313)	1425
<i>Prochlorococcus marinus</i> subsp. <i>pastoris</i> (strain CCMP 1378 / MED4)	1129
<i>Propionibacterium acnes</i>	1627
<i>Pseudomonas aeruginosa</i>	4324
<i>Pseudomonas putida</i> (strain KT2440)	3982
<i>Pseudomonas syringae</i> (pv. <i>tomato</i> )	3863
<i>Pyrobaculum aerophilum</i>	1416
<i>Pyrococcus abyssi</i>	1409
<i>Pyrococcus furiosus</i>	1480
<i>Pyrococcus horikoshii</i>	1315
<i>Ralstonia solanacearum</i> ( <i>Pseudomonas solanacearum</i> ) ( <i>Pseudomonas solanacearum</i> )	3534
<i>Rhizobium loti</i> ( <i>Mesorhizobium loti</i> )	5126
<i>Rhizobium meliloti</i> ( <i>Sinorhizobium meliloti</i> ) ( <i>Sinorhizobium meliloti</i> )	4694
<i>Rhodopirellula baltica</i>	3174
<i>Rhodopseudomonas palustris</i>	3502
<i>Rickettsia conorii</i>	774
<i>Rickettsia prowazekii</i>	677
<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar <i>Typhi</i> Ty2	3235

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Salmonella typhi	3381
Salmonella typhimurium	3566
Shewanella oneidensis	2925
Shigella flexneri	3308
Shigella flexneri 2a str. 2457T	3122
Staphylococcus aureus (strain MRSA252)	1969
Staphylococcus aureus (strain MSSA476)	1966
Staphylococcus aureus (strain Mu50 / ATCC 700699)	1680
Staphylococcus aureus (strain N315)	1619
Staphylococcus epidermidis	1784
Streptococcus agalactiae (serotype III)	1468
Streptococcus agalactiae (serotype V)	1489
Streptococcus mutans	1452
Streptococcus pneumoniae	1415
Streptococcus pneumoniae (strain ATCC BAA-255 / R6)	1451
Streptococcus pyogenes	1186
Streptococcus pyogenes (serotype M18)	1250
Streptococcus pyogenes (serotype M3)	1213
Streptococcus pyogenes SSI-1	1228
Streptomyces avermitilis	5041
Sulfolobus solfataricus	1929
Sulfolobus tokodaii	1660
Synechococcus elongatus (Thermosynechococcus elongatus)	1766
Synechococcus sp. (strain WH8102)	1522
Synechocystis sp. (strain PCC 6803)	2355
Thermoanaerobacter tengcongensis	1907
Thermoplasma acidophilum	1086
Thermoplasma volcanium	1080
Thermotoga maritima	1460
Thermus thermophilus (strain HB27 / ATCC BAA-163 / DSM 7039)	1649
Treponema denticola	1532
Treponema pallidum	696
Tropheryma whipplei (strain TW08/27) (Whipple's bacillus)	590

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<i>Tropheryma whipplei</i> (strain Twist) (Whipple's bacillus)	590
<i>Ureaplasma parvum</i> ( <i>Ureaplasma urealyticum</i> biotype 1) ( <i>Ureaplasma urealyticum</i> biotype 1)	398
<i>Vibrio cholerae</i>	2737
<i>Vibrio parahaemolyticus</i>	3373
<i>Vibrio vulnificus</i>	3299
<i>Vibrio vulnificus</i> (strain YJ016)	3318
<i>Wigglesworthia glossinidia brevipalpis</i>	575
<i>Wolbachia pipientis</i> wMel	705
<i>Wolinella succinogenes</i>	1523
<i>Xanthomonas axonopodis</i> (pv. citri)	3074
<i>Xanthomonas campestris</i> (pv. campestris)	2990
<i>Xylella fastidiosa</i>	1553
<i>Xylella fastidiosa</i> (strain Temecula1 / ATCC 700964)	1442
<i>Yersinia pestis</i>	3031
<i>Yersinia pestis</i> biovar Mediaevails	3004
<i>Yersinia pestis</i> KIM	2978

Table 6. Completely sequenced prokaryotic genomes available in Pfam at the time of this study.