

Table 1A

abbrev.	Species Name	ORF Coverage			Amino Acid Coverage			Domain Matches			Domain Length	Duplication	
		Total	Matching	m/t	Total	Matching	m/t	Folds	Sfam	Dom		Fold	Sfam
Aaeo	<i>Aquifex aeolicus</i>	1522	527	34.6%	482512	116664	24.2%	162	205	690	169.1	4.26	3.37
Aful	<i>Archaeoglobus fulgidus</i>	2409	650	27.0%	663320	146655	22.1%	147	186	849	172.7	5.78	4.56
Bbur	<i>Borrelia burgdorferi</i>	1638	289	17.6%	432219	65816	15.2%	126	151	369	178.4	2.93	2.44
Bsub	<i>Bacillus subtilis</i>	4100	1121	27.3%	1217000	276596	22.7%	208	276	1460	189.4	7.02	5.29
Cele	<i>Caenorhabditis elegans</i>	19099	4586	24.0%	8096713	1136801	14.0%	247	304	7803	145.7	31.59	25.67
Cpne	<i>Chlamydia pneumoniae</i>	1052	274	26.0%	361694	66160	18.3%	136	165	367	180.3	2.70	2.22
Ctra	<i>Chlamydia trachomatis</i>	894	259	29.0%	312553	60295	19.3%	134	163	348	173.3	2.60	2.13
Ecol	<i>Echerischia coli</i>	4290	1191	27.8%	1363501	296762	21.8%	229	303	1611	184.2	7.03	5.32
Hinf	<i>Haemophilus influenzae Rd</i>	1707	528	30.9%	520930	125776	24.1%	190	243	710	177.1	3.74	2.92
Hpyl	<i>Helicobacter pylori</i>	1577	381	24.2%	500616	89025	17.8%	152	193	495	179.8	3.26	2.56
Mthe	<i>Methanobacterium thermoautotrophicum</i>	479	164	34.2%	174566	39680	22.7%	95	111	228	174.0	2.40	2.05
Mjan	<i>Methanococcus jannaschii</i>	1771	470	26.5%	501793	93299	18.6%	128	164	613	152.2	4.79	3.74
Mtub	<i>Mycobacterium tuberculosis</i>	677	178	26.3%	237651	43222	18.2%	101	118	251	172.2	2.49	2.13
Mgen	<i>Mycoplasma genitalium</i>	1871	522	27.9%	526205	105553	20.1%	135	179	675	156.4	5.00	3.77
Mpne	<i>Mycoplasma pneumoniae</i>	3924	1198	30.5%	1335687	291496	21.8%	199	253	1587	183.7	7.97	6.27
Phor	<i>Pyrococcus horikoshii</i>	2064	461	22.3%	568544	97276	17.1%	121	155	555	175.3	4.59	3.58
Rpro	<i>Rickettsia prowazekii</i>	837	264	31.5%	280233	60285	21.5%	135	160	350	172.2	2.59	2.19
Scer	<i>Saccharomyces cerevisiae</i>	6218	1699	27.3%	2906890	434481	14.9%	215	273	2346	185.2	10.91	8.59
Syne	<i>Synechocystis sp.</i>	3168	882	27.8%	1119717	196041	17.5%	199	255	1131	173.3	5.68	4.44
Tpal	<i>Treponema pallidum</i>	1031	252	24.4%	350676	58542	16.7%	123	150	346	169.2	2.81	2.31