

Species	Abbr.	TaxID	Class	Opt	ORFs	%GC	N3D	PM	SM	UT	TU	%OM	%ID	%OCC	Res	OC	CF	%E	%T	CF(JK)	CG(P)	CF(P)	
Aeropyrum pernix	Aper	56636	A	HT	1840	57.1	1700	553	242	190	1.27	13.15	35.57	96.76	174.0	77	3.14	16.94	35.12	89.7	80.5	70.0	
Agrobacterium tumefaciens C58 (Ca)	AtumC	181661	B	PP,Y	5299	59.7	7350	2422	987	546	1.81	18.63	38.06	96.76	180.1	135	7.31	34.45	19.96	82.1	79.7	43.1	
Agrobacterium tumefaciens C58 (UW)	AtumU	180835	B	PP,Y	5402	59.8	7349	2467	1004	556	1.81	18.59	38.16	96.76	179.4	137	7.33	33.76	20.32	82.1	77.8	45.9	
Aquifex aeolicus	Aaeco	63363	B	HT	1560	43.6	2275	753	353	295	1.20	22.63	40.46	96.37	165.8	84	4.20	31.73	26.35	91.2	85.3	80.8	
Arabidopsis thaliana	Atha	3702	E		27242	44.1	44538	17902	4281	1092	3.92	15.71	40.22	96.82	165.5	187	22.89	6.52	5.12	74.9	78.3	24.1	
Archaeoglobus fulgidus	Aful	2234	A	HT	2420	49.4	2574	784	369	248	1.49	15.25	36.27	96.03	169.1	81	5.46	15.72	32.52	87.3	80.8	58.6	
Bacillus halodurans	Bhal	86665	B	H	4066	44.3	6299	2451	767	503	1.52	18.86	41.25	96.87	177.0	115	6.67	30.77	23.86	77.7	66.0	39.6	
Bacillus subtilis	Bsub	1423	B	H,P	4112	44.3	6345	2254	735	519	1.42	17.87	40.70	96.66	174.6	136	5.40	32.11	23.13	79.5	60.5	30.6	
Bifidobacterium longum NCC2705	Blong	206672	B		1729	60.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66.5	9.3
Borrelia burgdorferi	Bbur	139	B	P	1638	28.8	1115	488	209	157	1.33	12.76	39.57	96.59	161.9	40	5.22	34.93	36.36	98.1	84.7	91.5	
Bruceella melitensis	Bmel	29459	B	I,P	3198	58.3	4350	1781	658	474	1.39	20.58	40.11	96.67	175.5	120	5.48	35.56	18.69	81.0	76.9	43.1	
Bruceella suis 1330	Bsuis	204722	B	I,P	3264	57.3	744	352	129	109	1.18	3.95	43.52	96.27	143.3	38	3.39	42.64	21.71	83.0	72.9	42.1	
Buchnera aphidicola (Schizaphis gra)	Baphi	198804	B	Y	545	26.3	1248	634	243	222	1.09	44.59	49.08	96.76	167.7	49	4.96	53.09	19.75	97.5	83.9	87.9	
Buchnera sp. APS	Buch	107806	B	Y	574	27.4	1319	663	261	236	1.11	45.47	49.26	97.06	163.1	51	5.12	52.49	19.92	98.5	85.2	90.1	
Caenorhabditis elegans	Cele	6239	E		20206	36.3	35072	14550	3107	1094	2.84	15.38	40.88	97.14	146.1	146	21.28	3.38	2.93	68.1	75.1	2.0	
Campylobacter jejuni	Cjej	197	B		1634	30.8	2162	799	345	294	1.17	21.11	39.25	95.85	168.8	83	4.16	33.04	25.80	94.8	78.8	80.2	
Caulobacter crescentus CB15	Ccres	190650	B		3737	67.7	5515	2238	696	500	1.39	18.62	38.60	97.09	172.7	129	5.40	35.49	14.22	88.5	83.7	72.7	
Chlamydia trachomatis	Cmur	83560	B	I,P	916	40.7	1270	547	212	187	1.13	23.14	39.17	96.76	159.1	46	4.61	37.74	28.30	85.9	73.0	78.2	
Chlamydia trachomatis	Ctra	813	B	I,P	895	41.7	1204	522	212	186	1.14	23.69	39.10	96.83	160.2	50	4.24	36.79	27.83	86.8	73.5	78.2	
Chlamydia pneumoniae	Cpne	83558	B	I,P	1054	41.3	1277	537	219	193	1.13	20.78	39.08	97.05	156.7	45	4.87	38.36	27.40	88.1	73.6	79.6	
Chlamydia pneumoniae AR39	CpneA	115711	B	I,P	1112	41.3	1267	534	218	193	1.13	19.60	39.08	97.16	156.7	45	4.84	38.07	27.52	88.5	71.1	75.8	
Chlamydia pneumoniae J138	CpneJ	138677	B	I,P	1069	41.4	1279	540	220	194	1.13	20.58	38.99	97.06	156.1	46	4.78	37.73	27.73	88.2	73.1	78.9	
Chlorobium tepidum TLS	Ctep	194439	B		2252	56.5	2721	956	426	364	1.17	18.92	39.73	96.69	169.1	100	4.26	30.52	23.71	75.6	59.5	37.9	
Clostridium acetobutylicum	Cace	1488	B	S,P	3848	31.5	4838	1636	711	471	1.51	18.48	38.49	96.56	169.0	124	5.73	30.24	24.05	91.4	82.6	58.0	
Clostridium perfringens	Cper	1502	B	S,P	2723	29.4	3567	1191	529	394	1.34	19.43	39.47	96.21	162.4	100	5.29	33.65	25.33	90.4	80.6	65.5	
Corynebacterium glutamicum	Cglu	1718	B		2993	54.8	3930	1406	515	402	1.28	17.21	38.17	96.64	174.1	111	4.64	29.90	20.58	85.2	75.5	53.2	
Deinococcus radiodurans	Drad	1299	B	R	3182	67.3	4365	1502	535	422	1.27	16.81	39.13	96.85	184.4	113	4.73	27.85	25.23	87.5	77.8	80.2	
Encephalitozoon cuniculi	Econ	6035	E		1996	47.7	2586	1024	309	216	1.43	15.48	36.14	96.37	158.1	46	6.72	6.15	13.92	90.3	84.1	53.4	
Escherichia coli	Ecoli	562	B		4279	51.8	6487	2319	616	419	1.47	14.40	41.69	96.67	178.1	156	3.95	0.00	25.81	77.1	64.7	54.4	
Escherichia coli O157:H7	EcoliH	83334	B	P	5361	51.6	6678	2524	988	712	1.39	18.43	60.88	97.05	169.9	148	6.68	49.39	12.96	62.3	60.5	24.0	
Escherichia coli O157:H7 EDL933	EcoliE	155864	B	P	5324	51.5	6674	2525	989	709	1.39	18.58	60.73	97.00	169.8	150	6.59	49.85	13.14	62.7	51.7	28.5	
Fusobacterium nucleatum (ATCC 25)	Fnucl	190304	B	S,P	2067	27.4	2196	834	366	305	1.20	17.71	40.42	96.57	177.0	86	4.26	29.51	26.23	93.7	79.8	75.2	
Haemophilus influenzae	Hinf	727	B	P	1714	38.8	2747	1154	466	400	1.16	27.19	50.50	96.64	173.0	81	5.75	51.72	15.88	78.3	62.3	35.7	
Halobacterium sp. NRC-1	Halob	64091	A	EH	2622	66.9	2744	1009	365	254	1.44	13.92	37.93	96.74	168.9	86	4.24	23.56	31.23	96.7	81.3	72.8	
Helicobacter pylori 26695	Hpylo	85962	B	P	1576	39.6	1803	719	296	264	1.12	18.78	40.67	96.36	166.9	73	4.05	34.12	24.66	95.3	77.3	74.4	
Helicobacter pylori J99	HpyloJ	85963	B	P	1491	39.9	1833	727	299	261	1.15	20.05	40.37	96.40	168.3	69	4.33	34.11	26.76	94.7	78.2	79.4	
Homo sapiens	Hsap	9606	E		30589	52.1	64137	12002	2980	945	3.15	9.74	47.50	96.53	131.9	146	20.41	3.02	2.68	67.2	73.9	20.6	
Lactococcus lactis subsp. lactis	Llact	1360	B	H	2267	36.2	3159	1121	434	347	1.25	19.14	40.76	96.32	177.4	92	4.72	28.80	23.27	85.0	63.3	35.7	
Leptospira interrogans (56601)	Lint5	189518	B		4727	35.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.1	NA
Listeria innocua	Lintn	1642	B	H	3043	37.8	4273	1535	594	429	1.38	19.52	40.56	96.52	177.2	111	5.35	31.65	23.40	82.7	67.4	38.1	
Listeria monocytogenes EGD-e	Lmono	169963	B	H,P	2846	38.4	4442	1614	609	434	1.40	21.40	40.88	96.60	179.0	112	5.44	30.71	22.17	81.8	67.6	31.2	
Mesorhizobium loti	Mlot	381	B	PP	7275	63.2	8491	2818	1157	624	1.85	15.90	37.24	96.87	178.1	154	7.51	32.58	17.89	85.1	80.5	54.4	
Methanococcus jannaschii	Mjan	2190	A	HT	1785	31.9	1778	491	252	187	1.35	14.12	38.21	96.35	158.5	64	3.94	20.24	34.13	94.1	83.9	64.4	
Methanopyrus kandleri AV19	Mkan	190192	A	HT	1687	61.2	1613	439	235	180	1.31	13.93	38.32	96.46	158.2	56	4.20	16.60	43.83	90.6	85.9	72.7	
Methanosarcina acetivorans C2A	Macet	188937	A		4540	45.2	3957	1055	524	312	1.68	11.54	36.67	96.56	162.7	90	5.82	21.76	30.15	76.5	60.4	23.4	
Methanosarcina mazei Goe1	Mmaze	192952	A		3371	44.2	3157	926	428	287	1.49	12.70	37.08	96.43	161.8	86	4.98	19.63	32.71	75.5	67.3	22.4	
Methanothermobacter thermautotrop	Mthe	145262	A	T	1873	50.6	2087	602	298	219	1.36	15.91	38.32	96.26	154.3	75	3.97	17.45	31.54	87.3	76.9	58.3	
Mus musculus	Mmus	10090	E		4719	54.1	13935	6054	978	544	1.80	20.72	53.37	96.79	134.2	73	13.40	1.94	2.86	69.6	75.0	6.4	
Mycobacterium leprae	Mlep	1769	B	P	1605	58.8	2542	988	358	308	1.16	22.31	41.37	96.98	178.6	83	4.31	30.73	20.95	87.4	79.8	73.8	
Mycobacterium tuberculosis	Mtub	1773	B	P	3927	65.9	5492	1703	599	428	1.40	15.25	37.32	96.79	178.3	134	4.47	25.21	18.36	93.3	82.5	83.0	
Mycobacterium tuberculosis CDC155	Mtube	83331	B	P	4187	65.8	5335	1707	615	437	1.41	14.69	39.27	96.91	180.4	131	4.69	24.07	17.40	90.6	83.1	81.2	
Mycoplasma genitalium	Mgen	2097	B	P	484	31.6	791	374	134	114	1.18	27.69	39.58	96.51	166.8	36	3.72	25.37	41.79	97.0	83.1	91.3	
Mycoplasma pneumoniae	Mpne	2104	B	P	689	40.7	889	391	145	120	1.21	21.04	39.45	96.31	166.6	36	4.03	24.83	41.38	95.2	73.6	83.0	
Mycoplasma pulmonis	Mpul	2107	B	P	782	27.3	1046	402	162	133	1.22	20.72	38.97	96.07	165.8	39	4.15	24.69	39.51	99.4	81.8	92.1	
Neisseria meningitidis	Nmen	487	B	P	2065	53.2	2678	957	434	376	1.15	21.02	44.99	96.62	168.0	89	4.88	42.63	17.28	67.1	55.4	29.6	
Neisseria meningitidis MC58	Nmeni	122586	B	P	2079	53.0	2735	1199	437	375	1.17	21.02	45.68	96.81	167.6	92	4.75	43.02	16.93	67.3	53.4	26.5	
Nostoc sp. PCC 7120	Nosto	103690	B		6129	42.3	7154	2248	826	510	1.62	13.48	38.50	96.90	164.3	137	6.03	28.93	19.61	81.4	60.9	56.9	
Oceanobacillus ihayensis	Oihay	182710	B	H	3496	36.1	5425	1979	691	472	1.46	19.77	40.22	96.61	179.3	121	5.71	28.80	24.31	87.7	70.8	47.7	
Pasteurella multocida	Pmul	747	B	P	2057	41.0	3173	1288	523	443	1.18	25.96	50.79	96.64	172.7	89	5.88						