

Genome Name	Phylum	Refseq	Lifestyle*	Genome Size(Mb)	GC%	Gene Count	CDS	COG Genes	Operon							tRNA	ITS_length (Mean)	Genes for Regulation	# Growth time [References]			
									operon nber	16s_23s_5s	16s_1_23s_5s	16s_2_23s_5s	16s_3_23s_5s	16s_5_23s_5s	16s_4_23s_5s					16s_23s_1_5s	additional [§]	5s
<i>Bifidobacterium longum</i> NCC2705	Actinobacteria	NC_004307	FHA	2,26	60	1799	1729	1336	4	4								57	423	89	24 - 48h	[1]
<i>Corynebacterium diphtheriae</i> NCTC 13129	Actinobacteria	NC_002935	FL	2,49	53	2349	2272	1576	5	5								54	460	73	24 - 48h	[2]
<i>Corynebacterium efficiens</i> YS-314	Actinobacteria	NC_004369	FL	3,15	63	3020	2950	2042	5	5								55	463	7	24 - 48h	[2]
<i>Corynebacterium glutamicum</i> ATCC 13032 (Bielefeld)	Actinobacteria	NC_006958	FL	3,28	54	3147	3057	2129	6	6								60	390	108	24 - 48h	[2]
<i>Corynebacterium glutamicum</i> ATCC 13032 (Kitasato)	Actinobacteria	NC_003450	FL	3,31	54	3073	2993	2123	5	5								60	391	107	24 - 48h	[2]
<i>Corynebacterium jeikeium</i> K411	Actinobacteria	NC_007164	FL	2,48	61	2181	2120	1559	3	3								50	413	53	24 - 48h	[2]
<i>Mycobacterium avium paratuberculosis</i> K-10	Actinobacteria	NC_002944	FHA	4,83	69	4412	4350	3188	1	1								46	1030	141	> 7 days	[3]
<i>Mycobacterium bovis</i> AF2122/97	Actinobacteria	NC_002945	FHA	4,35	66	3983	3920	2760	1	1								45	276	114	> 7 days	
<i>Mycobacterium leprae</i> TN	Actinobacteria	NC_002677	P	3,27	58	1663	1605	1175	1	1								45	1048	40	> 7 days	
<i>Mycobacterium tuberculosis</i> CDC1551	Actinobacteria	NC_002755	FHA	4,40	66	4237	4189	2716	1	1								45	277	116	> 7 days	
<i>Mycobacterium tuberculosis</i> H37Rv	Actinobacteria	NC_000962	FHA	4,41	66	4052	3989	2807	1	1								45	276	114	> 7 days	
<i>Nocardia farcinica</i> IFM 10152	Actinobacteria	NC_006361	FL	6,29	71	6000	5936	3814	3	3								53	307	237	3 days	[4]
<i>Propionibacterium acnes</i> KPA171202	Actinobacteria	NC_006085	FL	2,56	60	2351	2297	1689	3	3								45	385	80	48h	[2]
<i>Rhodococcus sp.</i> RHA1	Actinobacteria	NC_008268	FL	9,70	67	9210	9145	6069	4	4								50	351	399	48h	[2]
<i>Streptomyces avermitilis</i> MA-4680	Actinobacteria	NC_003155	FL	9,12	71	7761	7673	5044	6	6					1			68	307	408	48 - 72h	[5]
<i>Streptomyces coelicolor</i> A3(2)	Actinobacteria	NC_003888	FL	9,05	72	8263	8154	5261	6	6								66	197	455	2 - 5 days	[6]
<i>Symbiobacterium thermophilum</i> IAM 14863	Acidobacteria	NC_006177	FL	3,57	69	3476	3337	2464	6	6								99	217	98	24h	[7]
<i>Thermobifida fusca</i> YX	Actinobacteria	NC_007333	FL	3,64	68	3184	3117	2239	4	4								52	523	130		
<i>Tropheryma whipplei</i> TW08/27	Actinobacteria	NC_004551	FHA	0,93	46	840	783	620	1	1								52	294	13	> 7 days	[8]
<i>Tropheryma whipplei</i> Twist	Actinobacteria	NC_004572	FHA	0,93	46	864	808	624	1	1								53	296	13	> 7 days	[8]
<i>Aquifex aeolicus</i> VF5	Aquificae	NC_000918	FL	1,59	43	1613	1560	1346	2		2							44	315	24	3 - 5 days	[9]
<i>Bacteroides fragilis</i> NCTC 9343	Bacteroidetes	NC_003228	FHA	5,24	43	4323	4231	2543	6		6			1				73	478	43	24 - 48h	[2]
<i>Bacteroides fragilis</i> YCH46	Bacteroidetes	NC_006347	FHA	5,31	43	4717	4625	2600	6		6							74	481	44	24 - 48h	[2]
<i>Bacteroides thetaiotaomicron</i> VPI-5482	Bacteroidetes	NC_004663	FHA	6,29	43	4917	4816	2900	5		5							71	590	56	24 - 48h	[2]
<i>Porphyromonas gingivalis</i> W83	Bacteroidetes	NC_002950	FL	2,34	48	1984	1909	1223	4		4							53	835	20	4 - 7 days	[2]
<i>Salinibacter ruber</i> DSM 13855	Bacteroidetes	NC_007677	FL	3,59	66	2881	2833	2030	1		1							44	569	59	DT 14 - 18h	[10]
<i>Candidatus Protochlamydia amoebophila</i> UWE25	Chlamydiae	NC_005861	P	2,41	35	2075	2031	1127	3	3								35	1	20		
<i>Chlamydia muridarum</i> Nigg	Chlamydiae	NC_002620	P	1,08	40	957	911	629	2	2								37	242	7	cell cycle 18h cell lysis 40-48 h	[11]
<i>Chlamydia trachomatis</i> A/HAR-13	Chlamydiae	NC_007429	P	1,05	41	961	919	640	2	2								37	316	8	72h	[12]
<i>Chlamydia trachomatis</i> D/UW-3/CX	Chlamydiae	NC_000117	P	1,04	41	941	895	634	2	2								37	316	8	72 h	[12]
<i>Chlamydomonas abortus</i> S26/3	Chlamydiae	NC_004552	P	1,14	40	974	932	649	1	1								38	310	7	72h	[13]

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<i>Chlamydomophila caviae</i> GPIC	Chlamydiae	NC_003361	P	1,18	39	1049	1005	658	1	1							38	311	9	3 - 5 days		
<i>Chlamydomophila felis</i> Fe/C-56	Chlamydiae	NC_007899	P	1,17	39	1054	1013	676	1	1							38	225	95	72h	[14]	
<i>Chlamydomophila pneumoniae</i> AR39	Chlamydiae	NC_002179	P	1,23	41	1156	1112	665	1	1							38	308	8	3 - 7 days	[15]	
<i>Chlamydomophila pneumoniae</i> CWL029	Chlamydiae	NC_000922	P	1,23	41	1096	1052	669	1	1							38	300	8	3 - 7 days	[15]	
<i>Chlamydomophila pneumoniae</i> J138	Chlamydiae	NC_002491	P	1,23	41	1107	1069	671	1	1							38	308	8	3 - 7 days	[15]	
<i>Chlamydomophila pneumoniae</i> TW-183	Chlamydiae	NC_005043	P	1,23	41	1157	1113	670	1	1							38	300	8	3 - 7 days	[15]	
<i>Chlorobium chlorochromatii</i> CaD3	Chlorobi	NC_007514	FL	2,57	44	2047	2002	1452	1	1							45	457	28			
<i>Chlorobium tepidum</i> TLS	Chlorobi	NC_002932	FL	2,15	57	2308	2252	1502	2		2						50	526	25	24 - 48h	[16]	
<i>Pelodictyon luteolum</i> DSM 273	Chlorobi	NC_007512	FL	2,36	57	2137	2083	1611	2		2						48	577	38			
<i>Dehalococcoides ethenogenes</i> 195	Chloroflexi	NC_002936	FL	1,47	49	1631	1580	1119	0						1	1	1	46		54		
<i>Dehalococcoides</i> sp. CBDB1	Chloroflexi	NC_007356	FL	1,40	47	1510	1458	1091	0						1	1	1	47		59	> 7 days	[17]
<i>Anabaena variabilis</i> ATCC 29413	Cyanobacteria	NC_007413	FL	7,07	41	5763	5701	3688	4	1	3						47	502	99	24 - 48h	[18]	
<i>Gloeobacter violaceus</i> PCC 7421	Cyanobacteria	NC_005125	FL	4,66	62	4482	4430	2869	1	1							45	459	106	3 - 5 days	[19]	
<i>Nostoc</i> sp. PCC 7120	Cyanobacteria	NC_003272	FL	7,21	41	6213	6130	3802	4	1	3						48	287	104	48h	[20]	
<i>Prochlorococcus marinus marinus</i> CCMP1375	Cyanobacteria	NC_005042	FL	1,75	36	1932	1883	1167	2		2						44	830	16	DT 6h + circadian rythm	[21,22]	
<i>Prochlorococcus marinus</i> MIT 9312	Cyanobacteria	NC_007577	FL	1,71	31	1856	1811	1182	1		1						39	541	16	DT 6h + circadian rythm		
<i>Prochlorococcus marinus</i> MIT 9313	Cyanobacteria	NC_005071	FL	2,41	51	2333	2275	1440	1		1						38	690	23	DT 6h + circadian rythm		
<i>Prochlorococcus marinus</i> NATL2A	Cyanobacteria	NC_007335	FL	1,84	35	1940	1896	1175	1		1						40	667	15	DT 6h + circadian rythm		
<i>Prochlorococcus marinus pastoris</i> CCMP1986	Cyanobacteria	NC_005072	FL	1,66	31	1765	1719	1174	1		1						37	549	14	DT 6h + circadian rythm		
<i>Synechococcus elongatus</i> PCC 6301	Cyanobacteria	NC_006576	FL	2,70	55	2582	2527	1833	2		2						45	546	36	24h	[23]	
<i>Synechococcus elongatus</i> PCC 7942	Cyanobacteria	NC_007604	FL	2,74	55	2715	2662	1869	2	2							44	546	40	24h	[24]	
<i>Synechococcus</i> sp. CC9311	Cyanobacteria	NC_008319	FL	2,61	52	2944	2892	1612	2		2						44	763	24	24h	[25]	
<i>Synechococcus</i> sp. CC9605	Cyanobacteria	NC_007516	FL	2,51	59	2756	2702	1556	2		2						45	796	22	24h		
<i>Synechococcus</i> sp. CC9902	Cyanobacteria	NC_007513	FL	2,23	54	2358	2307	1459	2	2							45	778	18	24h		
<i>Synechococcus</i> sp. JA-2-3Ba(2-13)	Cyanobacteria	NC_007776	FL	3,05	58	2914	2862	1968	2		2						45	729	41	24h		
<i>Synechococcus</i> sp. JA-3-3Ab	Cyanobacteria	NC_007775	FL	2,93	60	2815	2760	1874	2		2						47	556	42	24h		
<i>Synechococcus</i> sp. WH 8102	Cyanobacteria	NC_005070	FL	2,43	59	2586	2528	1560	2		2						44	808	26	DT 15 - 23h	[26]	
<i>Synechocystis</i> sp. PCC 6803	Cyanobacteria	NC_000911	FL	3,95	47	3619	3569	2473	2		2						43	466	50	1 - 3 days	[27]	
<i>Thermosynechococcus elongatus</i> BP-1	Cyanobacteria	NC_004113	FL	2,59	54	2525	2476	1765	1		1						42	421	31	DT 20 h	[28]	
<i>Deinococcus radiodurans</i> R1	Deinococcus-	NC_001263	FL	3,28	67	3248	3181	2292	3	1	2						49		91	24 - 48h	[2]	
<i>Thermus thermophilus</i> HB27	Thermus	NC_005835	FL	2,13	69	2272	2210	1742	0						2	2	2	47		46	24 - 48 h	[29]

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																	5s	23s	16s						
<i>Thermus thermophilus</i> HB8	Thermus	NC_006461	FL	2,12	69	2291	2238	1748	0									2	2	2	47	49	24 - 48 h	[30]	
<i>Aster yellows witches-broom phytoplasma</i> AYWB	Firmicutes	NC_007716	M	0,72	27	728	693	393	2	2											31	246	1	> 7 days	[31]
<i>Bacillus anthracis</i> Ames	Firmicutes	NC_003997	FL	5,23	35	5536	5311	3430	11	9	2										95	171	246	24 - 48h	[2]
<i>Bacillus anthracis</i> Ames Ancestor	Firmicutes	NC_007530	FL	5,50	35	5745	5617	3488	11	9	2										95	179	249	24 - 48h	[2]
<i>Bacillus anthracis</i> Sterne	Firmicutes	NC_005945	FL	5,23	35	5415	5287	3639	11	9	2										95	169	250	24 - 48h	[2]
<i>Bacillus cereus</i> ATCC 10987	Firmicutes	NC_003909	FL	5,43	35	6080	5844	3675	12	10	2										98	137	270	24 - 48h	[2]
<i>Bacillus cereus</i> ATCC 14579	Firmicutes	NC_004722	FL	5,43	35	5502	5255	3510	13	11	2										108	182	244	24 - 48h	[2]
<i>Bacillus cereus</i> E33L	Firmicutes	NC_006274	FL	5,84	35	5776	5641	3815	13	11	2										96	175	285	24 - 48h	[2]
<i>Bacillus clausii</i> KSM-K16	Firmicutes	NC_006582	FL	4,30	45	4192	4096	3172	7	6	1							1			74	228		24 - 48h	[2]
<i>Bacillus halodurans</i> C-125	Firmicutes	NC_002570	FL	4,20	44	4171	4066	3088	8	6	2							1			78	683	190	24 - 48h	[2]
<i>Bacillus licheniformis</i> ATCC 14580 (Goettingen)	Firmicutes	NC_006270	FL	4,22	46	4289	4196	3130	7	5	2										72	170	206	24 - 48h	[2]
<i>Bacillus licheniformis</i> ATCC 14580 (Novozymes)	Firmicutes	NC_006322	FL	4,22	46	4245	4152	3091	7	5	2										72	170	209	24 - 48h	[2]
<i>Bacillus subtilis</i> 168	Firmicutes	NC_000964	FL	4,21	44	4291	4105	3048	10	8	2										86	166	199	24 - 48h	[2]
<i>Bacillus thuringiensis</i> sv konkukian 97-27	Firmicutes	NC_005957	FL	5,31	35	5341	5197	3608	13	11	2							2	2	2	105	175	244	24 - 48h	[2]
<i>Carboxydotherrmus hydrogenoformans</i> Z-2901	Firmicutes	NC_007503	FL	2,40	42	2683	2620	1898	4	3	1										50	341	64	24 - 48h	[32]
<i>Clostridium acetobutylicum</i> ATCC 824	Firmicutes	NC_003030	FL	4,13	31	4017	3848	2808	11	11											73	178	196	24 - 48h	[2]
<i>Clostridium perfringens</i> ATCC 13124	Firmicutes	NC_008261	FL	3,26	28	2993	2876	2068	8	6	2										93	186	99	24 - 48h	[2]
<i>Clostridium perfringens</i> SM101	Firmicutes	NC_008262	FL	2,96	28	2726	2631	1922	10	8	2							1			94	415	94	24 - 48h	[2]
<i>Clostridium perfringens</i> str. 13	Firmicutes	NC_003366	FL	3,09	29	2848	2723	2022	10	9	1										96	189	96	24 - 48h	[2]
<i>Clostridium tetani</i> E88	Firmicutes	NC_004557	FL	2,87	29	2558	2432	1853	6	3	2	1									54	265	84	24 - 48h	[2]
<i>Desulfitobacterium hafniense</i> Y51	Firmicutes	NC_007907	FL	5,73	47	5137	5060	3856	6	2	3	1									59	536	242	24 - 48h	[33]
<i>Desulfotomaculum reducens</i> MI-1	Firmicutes	NC_007519	FL	3,61	42	3424	3324	2409	4		4										71	461	69		
<i>Enterococcus faecalis</i> V583	Firmicutes	NC_004668	FL	3,36	37	3384	3265	2210	4	2	2										68	259	113	24 - 48h	[2]
<i>Geobacillus kaustophilus</i> HTA426	Firmicutes	NC_006510	FL	3,59	52	3654	3540	2594	9	7	2										87	341	117	24 - 48h	[34]
<i>Lactobacillus acidophilus</i> NCFM	Firmicutes	NC_006814	FHA	1,99	35	1938	1864	1433	3	2	1							1	2	1	61	133	61	24 - 48h	[2]
<i>Lactobacillus brevis</i> ATCC 367	Firmicutes	NC_008497	FL	2,34	46	2300	2218	1678	5	3	2							1			65	419	115	2 - 4 days	[35]
<i>Lactobacillus casei</i> ATCC 334	Firmicutes	NC_008526	FL	2,92	47	2847	2771	1959	5	3	2							1			59	829	111	24 - 48h	[2]
<i>Lactobacillus delbrueckii bulgaricus</i> ATCC 11842	Firmicutes	NC_008054	FL	1,86	50	1684	1562	1153	9	5	4										95	466	40	24 - 48h	[2]
<i>Lactobacillus delbrueckii bulgaricus</i> ATCC BAA-365	Firmicutes	NC_008529	FL	1,86	50	1848	1721	1196	9	4	5							1			98	566	48	24 - 48h	[2]
<i>Lactobacillus gasseri</i> ATCC 33323	Firmicutes	NC_008530	FL	1,89	35	1853	1755	1316	6	4	2							1			78	553	57	24 - 48h	[2]
<i>Lactobacillus johnsonii</i> NCC 533	Firmicutes	NC_005362	FHA	1,99	35	1936	1821	1403	6	4	2										79	100	57	24 - 48h	[2]

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										16s_23s_5s	16s_1_23s_5s	16s_2_23s_5s	16s_3_23s_5s	16s_5_23s_5s	16s_4_23s_5s	16s_23s_1_5s						additional ^s	5s
<i>Lactobacillus plantarum</i> WCFS1	Firmicutes	NC_004567	FHA	3,35	44	3182	3059	2305	5	3	2						1	70	206	146	24 - 48h	[2]	
<i>Lactobacillus sakei</i> sakei 23K	Firmicutes	NC_007576	FHA	1,88	41	1963	1879	1462	7	6	1							63	434	82	24 - 48h	[2]	
<i>Lactobacillus salivarius</i> salivarius UCC118	Firmicutes	NC_007929	FHA	2,13	33	2116	2017	1476	7	5	2							78	409	67	24 - 48h	[2]	
<i>Lactococcus lactis</i> lactis II1403	Firmicutes	NC_002662	FHA	2,37	35	2424	2321	1756	6		6						1	61	305	81	3 days	[36]	
<i>Leuconostoc mesenteroides</i> mesenteroides ATCC 8293	Firmicutes	NC_008531	FL	2,08	38	2090	2005	1547	4		4							71	376	69	24 - 48h	[2]	
<i>Listeria innocua</i> Clip11262	Firmicutes	NC_003212	FL	3,09	37	3172	3043	2391	6	4	2							66	246	144	24 - 48h	[2]	
<i>Listeria monocytogenes</i> 4b F2365	Firmicutes	NC_002973	FL	2,91	38	2964	2821	2266	6	4	2							67	245	140	24 - 48h	[2]	
<i>Listeria monocytogenes</i> EGD-e	Firmicutes	NC_003210	FL	2,94	38	2976	2846	2335	6	4	2					1		68	245	149	24 - 48h	[2]	
<i>Mesoplasma florum</i> L1	Firmicutes	NC_006055	FHA	0,79	27	717	682	510	2	2								29	208	12			
<i>Moorella thermoacetica</i> ATCC 39073	Firmicutes	NC_007644	FL	2,63	56	2615	2523	2008	1		1					1		51	414	92			
<i>Mycoplasma capricolum</i> capricolum ATCC 27343	Firmicutes	NC_007633	FHA	1,01	24	854	812	535	2	2						1		30	232	8	5 - 7 days		
<i>Mycoplasma gallisepticum</i> R	Firmicutes	NC_004829	FHA	1,00	31	769	726	468	0							2	2	2	33	661	3	3 - 5 days	
<i>Mycoplasma genitalium</i> G37	Firmicutes	NC_000908	FHA	0,58	32	520	477	387	1	1								36	203	3	GT 24h	[37]	
<i>Mycoplasma hyopneumoniae</i> 232	Firmicutes	NC_006360	FHA	0,89	29	727	691	431	0							1	1	1	30	467	5	3 - 5 days	
<i>Mycoplasma hyopneumoniae</i> 7448	Firmicutes	NC_007332	FHA	0,92	28	696	663	437	0							1	1	1	30	484	5	3 - 5 days	
<i>Mycoplasma hyopneumoniae</i> J	Firmicutes	NC_007295	FHA	0,90	29	698	665	433	0							1	1	1	30	492	5	3 - 5 days	
<i>Mycoplasma mobile</i> 163K	Firmicutes	NC_006908	FHA	0,78	25	667	633	442	0							1	1	1	28	303	7	5 days	[38]
<i>Mycoplasma mycoides</i> mycoides SC PG1	Firmicutes	NC_005364	FHA	1,21	24	1061	1016	622	2	2								30	224	14	3 - 5 days		
<i>Mycoplasma penetrans</i> HF-2	Firmicutes	NC_004432	FHA	1,36	26	1069	1037	601	1	1								29	299	11	3 - 7 days	[39]	
<i>Mycoplasma pneumoniae</i> M129	Firmicutes	NC_000912	FHA	0,82	40	733	689	426	1	1								37	233	3	3 - 5 days		
<i>Mycoplasma pulmonis</i> UAB CTIP	Firmicutes	NC_002771	FHA	0,96	27	820	782	517	0							2	1	1	29	285	6		
<i>Mycoplasma synoviae</i> 53	Firmicutes	NC_007294	FHA	0,80	28	713	672	448	0							3	2	2	34	260	6	3 - 5 days	
<i>Oceanobacillus iheyensis</i> HTE831	Firmicutes	NC_004193	FL	3,63	36	3592	3500	2669	7	6	1					1		76	234	141	24 - 48 h	[40]	
<i>Oenococcus oeni</i> PSU-1	Firmicutes	NC_008528	FL	1,78	38	1742	1691	1318	2		2							43	386	58	5 days	[41]	
<i>Onion yellows phytoplasma</i> OY-M	Firmicutes	NC_005303	M	0,86	28	793	754	477	2								2	32	25	1			
<i>Pediococcus pentosaceus</i> ATCC 25745	Firmicutes	NC_008525	FL	1,83	37	1827	1755	1389	5	3	2							55	418	75			
<i>Staphylococcus aureus</i> RF122	Firmicutes	NC_007622	FL	2,74	33	2591	2515	1903	5	2	2	1				1		55	442	82	24 - 48h	[2]	
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> COL	Firmicutes	NC_002951	FL	2,81	33	2691	2618	1954	6	4	1	1				1		53	303	84	24 - 48h		
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> MRSA252	Firmicutes	NC_002952	FL	2,90	33	2757	2656	2000	5	3	1	1				1		60	365	90	24 - 48h		
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> MSSA476	Firmicutes	NC_002953	FL	2,82	33	2702	2598	1957	6	4	1	1				1		60	303	82	24 - 48h		
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> Mu50	Firmicutes	NC_002758	FL	2,90	33	2808	2731	2048	5	3	1	1				1		60	336	87	24 - 48h		

Genome Name	Phylum	Refseq	Lifestyle*	Genome Size(Mb)	GC%	Gene Count	CDS	COG Genes									tRNA	ITS_ length (Mean)	Genes for Regulation	# Growth time [References]
									operon nber	16s_23s_5s	16s_1_23s_5s	16s_2_23s_5s	16s_3_23s_5s	16s_5_23s_5s	16s_4_23s_5s	16s_23s_1_5s				
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> MW2	Firmicutes	NC_003923	FL	2,82	33	2712	2632	1973	6	4	1	1				1	60	304	82	24 - 48h
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> N315	Firmicutes	NC_002745	FL	2,84	33	2698	2619	2036	5	2	1	2				1	62	337	89	24 - 48h
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> NCTC 8325	Firmicutes	NC_007795	FL	2,82	33	2969	2892	1987	5	3	1	1				1	61	365	84	24 - 48h
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> USA300	Firmicutes	NC_007793	FL	2,92	33	2674	2604	2012	5	3	1	1				1	53	365	86	24 - 48h
<i>Staphylococcus epidermidis</i> ATCC 12228	Firmicutes	NC_004461	FL	2,56	32	2600	2485	1847	5	3	1	1				1	60	262	73	24 - 48h
<i>Staphylococcus epidermidis</i> RP62A	Firmicutes	NC_002976	FL	2,64	32	2609	2526	1870	6	4	1	1				1	61	262	77	24 - 48h
<i>Staphylococcus haemolyticus</i> JCSC1435	Firmicutes	NC_007168	FL	2,69	33	2752	2676	2014	5	4	1					1	59	338	101	24 - 48h
<i>Staphylococcus saprophyticus saprophyticus</i> ATCC 15305	Firmicutes	NC_007350	FL	2,58	33	2596	2514	2042	6	4	1	1					61	284	102	24 - 48h
<i>Streptococcus agalactiae</i> 2603V/R	Firmicutes	NC_004116	FL	2,16	36	2242	2124	1592	7		7						80	317	81	24 - 48 h [2]
<i>Streptococcus agalactiae</i> A909	Firmicutes	NC_007432	FL	2,13	36	2098	1996	1590	7		7						80	319	76	24 - 48h
<i>Streptococcus agalactiae</i> NEM316	Firmicutes	NC_004368	FL	2,21	36	2214	2094	1582	7		7						80	318	78	24 - 48h
<i>Streptococcus mutans</i> UA159	Firmicutes	NC_004350	FL	2,03	37	2055	1960	1522	5		5						65	389	87	24 - 48h
<i>Streptococcus pneumoniae</i> D39	Firmicutes	NC_008533	FL	2,05	40	1987	1914	1499	4		4						58	324	70	24 - 48h
<i>Streptococcus pneumoniae</i> R6	Firmicutes	NC_003098	FL	2,04	40	2139	2043	1584	4		4						58	271	72	24 - 48h
<i>Streptococcus pneumoniae</i> TIGR4	Firmicutes	NC_003028	FL	2,16	40	2189	2094	1542	4		4						58	336	76	24 - 48h
<i>Streptococcus pyogenes</i> M1 GAS	Firmicutes	NC_002737	FL	1,85	39	1790	1697	1341	7		7						60	459	64	24 - 48h
<i>Streptococcus pyogenes</i> MGAS10270	Firmicutes	NC_008022	FL	1,93	38	2068	1987	1415	6	4	2						63	426	64	24 - 48h
<i>Streptococcus pyogenes</i> MGAS10394	Firmicutes	NC_006086	FL	1,90	39	1971	1886	1387	6		6						67	421	62	24 - 48h
<i>Streptococcus pyogenes</i> MGAS10750	Firmicutes	NC_008024	FL	1,94	38	2060	1979	1432	6	4	2						63	426	64	24 - 48h
<i>Streptococcus pyogenes</i> MGAS2096	Firmicutes	NC_008023	FL	1,86	39	1979	1898	1413	6	4	2						63	426	65	24 - 48h
<i>Streptococcus pyogenes</i> MGAS315	Firmicutes	NC_004070	FL	1,90	39	1967	1865	1369	6		6						67	416	62	24 - 48h
<i>Streptococcus pyogenes</i> MGAS5005	Firmicutes	NC_007297	FL	1,84	39	1950	1865	1393	6		6						67	421	63	24 - 48h
<i>Streptococcus pyogenes</i> MGAS6180	Firmicutes	NC_007296	FL	1,90	38	1977	1894	1378	6		6						65	426	64	24 - 48h
<i>Streptococcus pyogenes</i> MGAS8232	Firmicutes	NC_003485	FL	1,90	39	1947	1845	1381	6	5	1						66	459	64	24 - 48h
<i>Streptococcus pyogenes</i> MGAS9429	Firmicutes	NC_008021	FL	1,84	39	1962	1877	1356	6		6						67	426	62	24 - 48h
<i>Streptococcus pyogenes</i> SSI-1	Firmicutes	NC_004606	FL	1,89	39	1928	1861	1348	5		5						57	422	62	24 - 48h
<i>Streptococcus thermophilus</i> CNRZ1066	Firmicutes	NC_006449	FL	1,80	39	2000	1915	1465	6		6						67	266	47	24 - 48h
<i>Streptococcus thermophilus</i> LMD-9	Firmicutes	NC_008500	FL	1,86	39	1803	1716	1262	6		6					1	67	278	43	24 - 48h
<i>Streptococcus thermophilus</i> LMG 18311	Firmicutes	NC_006448	FL	1,80	39	1974	1889	1453	6		6						61	266	45	24 - 48h
<i>Thermoanaerobacter tengcongensis</i> MB4	Firmicutes	NC_003869	FL	2,69	38	2692	2588	1947	4	3		1					55	148	78	48 h [42]
<i>Ureaplasma parvum</i> sv 3 ATCC 700970	Firmicutes	NC_002162	FHA	0,75	25	655	614	409	2	2							30	348	4	24 - 48h [2]

Genome Name	Phylum	Refseq	Lifestyle*	Genome Size(Mb)	GC%	Gene Count	CDS	COG Genes	16S rRNA							ITS_length (Mean)	Genes for Regulation	# Growth time [References]				
									operon nber	16s_23s_5s	16s_1_23s_5s	16s_2_23s_5s	16s_3_23s_5s	16s_5_23s_5s	16s_4_23s_5s				16s_23s_1_5s	additional [§]	5s	23s
<i>Fusobacterium nucleatum nucleatum</i> ATCC 25586	Fusobacteria	NC_003454	FL	2,17	27	2129	2067	1531	5	5							47	159	39	48 - 72h	[2]	
<i>Rhodopirellula baltica</i> SH 1	Planctomycetes	NC_005027	FL	7,15	55	7413	7325	3135	0								79		66	5 days	[43]	
<i>Anaplasma marginale</i> St. Maries	Proteobacteria (alpha)	NC_004842	P	1,20	50	986	949	688	0								37		5	1 - 3 weeks		
<i>Anaplasma phagocytophilum</i> HZ	Proteobacteria (alpha)	NC_007797	P	1,47	42	1306	1264	679	0								37		4	1 - 3 weeks	[44,45]	
<i>Bartonella henselae</i> Houston-1	Proteobacteria (alpha)	NC_005956	FHA	1,93	38	1541	1488	1137	2			2					44	1256	17	5 - 7 days	[46]	
<i>Bartonella quintana</i> Toulouse	Proteobacteria (alpha)	NC_005955	FHA	1,58	39	1191	1142	986	2			2					42	1206	12	5 - 7 days		
<i>Brucella abortus</i> bv 1 9-941	Proteobacteria (alpha)	NC_006932 NC_006933	FHA	3,29	57	3149	3085	2389	3			3					55	790	112	3 - 5 days	[2]	
<i>Brucella melitensis</i> 16M	Proteobacteria (alpha)	NC_003317 NC_003318	FHA	3,29	57	3282	3198	2615	3	1	1	2			1		55	791	112	3 - 5 days	[2]	
<i>Brucella melitensis</i> bv Abortus 2308	Proteobacteria (alpha)	NC_007618 NC_007624	FHA	3,28	57	3102	3034	2385	3			3					60	790	109	3 - 5 days	[2]	
<i>Brucella suis</i> 1330	Proteobacteria (alpha)	NC_004310 NC_004311	FHA	3,32	57	3335	3271	2475	4	1		3					55	763	109	3 - 5 days	[2]	
<i>Candidatus Pelagibacter ubique</i> HTCC1062	Proteobacteria (alpha)	NC_007205	FL	1,31	30	1389	1354	1131	1			1					32	270	21			
<i>Caulobacter crescentus</i> CB15	Proteobacteria (alpha)	NC_002696	FL	4,02	67	3810	3737	2886	2			2					51	690	138	24 - 48h	[47]	
<i>Ehrlichia canis</i> Jake	Proteobacteria (alpha)	NC_007354	P	1,32	29	984	942	665	0						1	1	1	36		5	> 7 days	[48]
<i>Ehrlichia chaffeensis</i> Arkansas	Proteobacteria (alpha)	NC_007799	P	1,18	30	1148	1105	668	0						1	1	1	37		5	> 7 days	
<i>Ehrlichia ruminantium</i> Gardel	Proteobacteria (alpha)	NC_006831	P	1,50	28	989	950	671	0						1	1	1	36		6	> 7 days	
<i>Ehrlichia ruminantium</i> Welgevonden (ARC-OVI)	Proteobacteria (alpha)	NC_006832	P	1,52	27	929	888	660	0						1	1	1	36		6	> 7 days	
<i>Ehrlichia ruminantium</i> Welgevonden (CIRAD)	Proteobacteria (alpha)	NC_005295	P	1,51	27	997	958	678	0						1	1	1	36		6	> 7 days	
<i>Erythrobacter litoralis</i> HTCC2594	Proteobacteria (alpha)	NC_007722	FL	3,05	63	3056	3011	2145	1			1					44	814	56	4 days	[49]	
<i>Gluconobacter oxydans</i> 621H	Proteobacteria (alpha)	NC_006677	FL	2,92	61	2731	2664	1952	4			4					50	663	64	24 - 48h	[2]	
<i>Jannaschia</i> sp. CCS1	Proteobacteria (alpha)	NC_007802	FL	4,40	62	4336	4283	3175	1			1					42	780	135			
<i>Magnetospirillum magneticum</i> AMB-1	Proteobacteria (alpha)	NC_007626	FL	4,97	65	4563	4559	3098	2			2					46	403	111	3 - 5 days	[50]	
<i>Neorickettsia sennetsu</i> Miyayama	Proteobacteria (alpha)	NC_007798	P	0,86	41	970	932	586	0						1	1	1	33		4	> 7 days	[48]
<i>Nitrobacter winogradskyi</i> Nb-255	Proteobacteria (alpha)	NC_007406	FL	3,40	62	3198	3143	2294	1			1					49	823	55			
<i>Novosphingobium aromaticivorans</i> DSM 12444	Proteobacteria (alpha)	NC_007794	FL	3,56	65	3412	3338	2498	3			3					57	672	98			
<i>Rhodobacter sphaeroides</i> 2.4.1	Proteobacteria (alpha)	NC_007493	FL	4,60	69	4369	4304	3267	3			3			1		42	666	115	3 days	[2]	
<i>Rhodopseudomonas palustris</i> BisB18	Proteobacteria (alpha)	NC_007925	FL	5,51	65	5016	4943	3688	2			2					50	1090	122	3 - 5 days	[51]	
<i>Rhodopseudomonas palustris</i> CGA009	Proteobacteria (alpha)	NC_005296	FL	5,47	65	4918	4838	3791	2			2			1		49	748	118	3 - 5 days		
<i>Rhodopseudomonas palustris</i> HaA2	Proteobacteria (alpha)	NC_007778	FL	5,33	66	4772	4712	3637	1			1					50	816	114	3 - 5 days		

Genome Name	Phylum	Refseq	Lifestyle*	Genome Size(Mb)	GC%	Gene Count	CDS	COG Genes	operon nber	16s_23s_5s	16s_1_23s_5s	16s_2_23s_5s	16s_3_23s_5s	16s_5_23s_5s	16s_4_23s_5s	16s_23s_1_5s	additional [§]	5s	23s	16s	tRNA	ITS_length (Mean)	Genes for Regulation	# Growth time	[References]
<i>Rhodospirillum rubrum</i> ATCC 11170	Proteobacteria (alpha)	NC_007643	FL	4,41	65	3920	3850	3048	4			4						1			55	766	115	5 days	
<i>Rickettsia bellii</i> RML369-C	Proteobacteria (alpha)	NC_007940	P	1,52	32	1469	1429	954	0									1	1	1	34		10	> 7 days	[52]
<i>Rickettsia conorii</i> Malish 7	Proteobacteria (alpha)	NC_003103	P	1,27	32	1414	1374	855	0									1	1	1	33		8	> 7 days	[53]
<i>Rickettsia felis</i> URRWXCal2	Proteobacteria (alpha)	NC_007109	P	1,59	33	1551	1512	1037	0									1	1	1	33		10	> 7 days	
<i>Rickettsia prowazekii</i> Madrid E	Proteobacteria (alpha)	NC_000963	P	1,11	29	875	835	713	0									1	1	1	33		5	> 7 days	
<i>Rickettsia typhi</i> Wilmington	Proteobacteria (alpha)	NC_006142	P	1,11	29	877	838	704	0									1	1	1	33		4	> 7 days	
<i>Roseobacter denitrificans</i> OCh 114	Proteobacteria (alpha)	NC_008209	FL	4,33	59	4171	4129	3076	1			1									38	885	113	3 - 4 days	[54]
<i>Silicibacter pomeroyi</i> DSS-3	Proteobacteria (alpha)	NC_003911	FL	4,60	64	4316	4252	3399	3			3									53	891	173	3 - 5 days	[55]
<i>Wolbachia endosymbiont of Drosophila melanogaster</i>	Proteobacteria (alpha)	NC_002978	M	1,27	35	1239	1195	753	0									1	1	1	34		5	> 7 days	[56]
<i>Wolbachia endosymbiont TRS of Brugia malayi</i>	Proteobacteria (alpha)	NC_006833	M	1,08	34	842	805	598	0									1	1	1	34		2	> 7 days	
<i>Zymomonas mobilis mobilis</i> ZM4	Proteobacteria (alpha)	NC_006526	FL	2,06	46	2058	1998	1432	3			3									51	607	41	3 - 5 days	[2]
<i>Azoarcus sp.</i> BH72	Proteobacteria (beta)	NC_006513	FL	4,38	68	4054	3989	3226	4			4									56	515	88		
<i>Bordetella bronchiseptica</i> RB50	Proteobacteria (beta)	NC_002927	FHA	5,34	68	5070	4994	4218	3			3									56	593	192	24 - 48h	[57]
<i>Bordetella parapertussis</i> 12822	Proteobacteria (beta)	NC_002928	FHA	4,77	68	4259	4185	3654	3			3									54	593	165	2 - 3 days	
<i>Bordetella pertussis</i> Tohama I	Proteobacteria (beta)	NC_002929	FHA	4,09	68	3505	3436	2824	3			3									51	585	123	2 - 3 days	
<i>Burkholderia mallei</i> ATCC 23344	Proteobacteria (beta)	NC_006348	FL	5,84	68	5094	5025	3686	3		1	2									56	624	183	24 - 48h	[58]
<i>Burkholderia pseudomallei</i> 1710b	Proteobacteria (beta)	NC_007434 NC_007435	FL	7,31	68	6420	6347	4439	4			4									60	662	210	2 - 5 days	
<i>Burkholderia pseudomallei</i> K96243	Proteobacteria (beta)	NC_006349 NC_006350 NC_006351	FL	7,25	68	5809	5728	4468	4			4									61	634	218	2 - 5 days	
<i>Burkholderia sp.</i> 383	Proteobacteria (beta)	NC_007509 NC_007510 NC_007511	FL	8,68	66	7813	7725	6026	6	1		5									67	544	398	24 - 48h	
<i>Burkholderia thailandensis</i> E264	Proteobacteria (beta)	NC_007650 NC_007651	FL	6,72	68	5706	5634	4409	4			4									58	594	219	24 - 48h	[59]
<i>Burkholderia xenovorans</i> LB400	Proteobacteria (beta)	NC_007951 NC_007952	FL	9,73	63	9037	8951	6696	6			6									65	601	391	24 - 48h	
<i>Chromobacterium violaceum</i> ATCC 12472	Proteobacteria (beta)	NC_005085	FL	4,75	65	4547	4407	3316	8			8						1			98	508	136	24 - 48h	[2]
<i>Dechloromonas aromatica</i> RCB	Proteobacteria (beta)	NC_007298	FL	4,50	59	4283	4204	3201	4			4									64	436	103		
<i>Methylobacillus flagellatus</i> KT	Proteobacteria (beta)	NC_007947	FL	2,97	56	2822	2759	2203	2			2									46	685	63	3 days	[60]
<i>Neisseria gonorrhoeae</i> FA 1090	Proteobacteria (beta)	NC_002946	FHA	2,15	53	2069	2002	1418	4			4									55	591	32	48h	[2]
<i>Neisseria meningitidis</i> MC58	Proteobacteria (beta)	NC_003112	FHA	2,27	52	2134	2063	1536	4			4									59	664	28	48h	[2]

Genome Name	Phylum	Refseq	Lifestyle*	Genome Size(Mb)	GC%	Gene Count	CDS	COG Genes	operon nber	16s_23s_5s	16s_1_23s_5s	16s_2_23s_5s	16s_3_23s_5s	16s_5_23s_5s	16s_4_23s_5s	16s_23s_1_5s	additional [§]	5s	23s	16s	tRNA	ITS_length (Mean)	Genes for Regulation	# Growth time	[References]
<i>Neisseria meningitidis</i> Z2491	Proteobacteria (beta)	NC_003116	FHA	2,18	52	2147	2065	1546	4			4									58	653	31	48h	[2]
<i>Nitrosomonas europaea</i> ATCC 19718	Proteobacteria (beta)	NC_004757	FL	2,81	51	2628	2572	1995	1			1						1			41	406	46	7 days	[61]
<i>Nitrosospira multiformis</i> ATCC 25196	Proteobacteria (beta)	NC_007614	FL	3,23	54	2876	2827	2102	1			1									43	657	38	5 days	[62]
<i>Ralstonia eutropha</i> H16	Proteobacteria (beta)	NC_008313 NC_8314	FL	6,96	67	6279	6206	5102	5	1		4									58	524	307	24 - 48h	[63]
<i>Rhodoferax ferrireducens</i> T118	Proteobacteria (beta)	NC_007908	FL	4,97	60	4555	4495	3505	2			2									44	625	139	5 days	[64]
<i>Thiobacillus denitrificans</i> ATCC 25259	Proteobacteria (beta)	NC_007404	FL	2,91	66	2879	2827	2228	2			2									43	803	66	4 - 5 days	[65]
<i>Anaeromyxobacter dehalogenans</i> 2CP-C	Proteobacteria (delta)	NC_007760	FL	5,01	75	4419	4361	3085	2			2									49	566	62	3 - 5 days	[66]
<i>Bdellovibrio bacteriovorus</i> HD100	Proteobacteria (delta)	NC_005363	FHA	3,78	51	3631	3587	2132	2		2										36	328	46	3 - 5 days	[67]
<i>Desulfotalea psychrophila</i> LSV54	Proteobacteria (delta)	NC_006138	FL	3,66	47	3321	3234	2313	7	5		2						1			64	443	49	3 - 5 days	[68]
<i>Desulfovibrio vulgaris vulgaris</i> Hildenborough	Proteobacteria (delta)	NC_002937	FL	3,77	63	3626	3531	2351	5			5						1			68	416	61	3 - 5 days	[69]
<i>Geobacter metallireducens</i> GS-15	Proteobacteria (delta)	NC_007517	FL	4,01	59	3635	3576	2721	2			2									50	430	78	GT 24h	[70,71]
<i>Geobacter sulfurreducens</i> PCA	Proteobacteria (delta)	NC_002939	FL	3,81	61	3503	3446	2527	2			2									49	454	76	24 - 48h	[72]
<i>Myxococcus xanthus</i> DK 1622	Proteobacteria (delta)	NC_008095	FL	9,14	69	7410	7331	4347	4		2	2									65	705	116	GT 5-6h	[73]
<i>Pelobacter carbinolicus</i> DSM 2380	Proteobacteria (delta)	NC_007498	FL	3,67	55	3211	3148	2482	2			2									54	528	60		
<i>Syntrophus aciditrophicus</i> SB	Proteobacteria (delta)	NC_007759	FL	3,18	51	3219	3168	2164	1			1									48	440	42	GT 24 - 50h	[74]
<i>Campylobacter jejuni</i> jejuni NCTC 11168	Proteobacteria (epsilon)	NC_002163	FHA	1,64	31	1686	1629	1294	3			3									44	906	14	24 - 48h	[2]
<i>Campylobacter jejuni</i> RM1221	Proteobacteria (epsilon)	NC_003912	FHA	1,78	30	1891	1838	1301	3			3									44	807	12	24 - 48h	[2]
<i>Helicobacter acinonychis</i> Sheeba	Proteobacteria (epsilon)	NC_008229	FHA	1,56	38	1660	1618	1078	0									2	2	2	36		6	3 - 5 days	[2]
<i>Helicobacter hepaticus</i> ATCC 51449	Proteobacteria (epsilon)	NC_004917	FHA	1,80	36	1918	1875	1249	1			1									37	502	14	3 - 5 days	[2]
<i>Helicobacter pylori</i> 26695	Proteobacteria (epsilon)	NC_000915	FHA	1,67	39	1623	1576	1104	0									3	2	2	36		7	3 - 5 days	[2]
<i>Helicobacter pylori</i> HPAG1	Proteobacteria (epsilon)	NC_008086	FHA	1,61	39	1586	1544	1094	0									2	2	2	36		7	3 - 5 days	[2]
<i>Helicobacter pylori</i> J99	Proteobacteria (epsilon)	NC_000921	FHA	1,64	39	1536	1491	1087	0									1	1	1	35		8	3 - 5 days	[2]
<i>Thiomicrospira crunogena</i> XCL-2	Proteobacteria (epsilon)	NC_007520	FL	2,43	43	2255	2200	1785	3			3									43	835	39	24 - 48h	[75]
<i>Wolinella succinogenes</i> DSM 1740	Proteobacteria (epsilon)	NC_005090	FHA	2,11	48	2096	2043	1639	3			3									40	560	25	24 - 48h	[2]
<i>Acinetobacter</i> sp. ADP1	Proteobacteria (gamma)	NC_005966	FL	3,60	40	3425	3325	2583	7			7									76	594	103	24 - 48h	[76]
<i>Aeromonas hydrophila hydrophila</i> ATCC 7966	Proteobacteria (gamma)	NC_008570	FL	4,74	62	4281	4122	3426	10		7	3									128	506	148	24 - 48h	[77]
<i>Alcanivorax borkumensis</i> SK2	Proteobacteria (gamma)	NC_008260	FL	3,12	55	2806	2755	2274	3	2		1									42	334	75	3 - 5 days	[78,79]
<i>Baumannia cicadellinicola</i> Hc	Proteobacteria (gamma)	NC_007984	M	0,69	33	641	595	584	2		2										39	271	6	> 7 days	[80]

Genome Name	Phylum	Refseq	Lifestyle*	Genome Size(Mb)	GC%	Gene Count	CDS	COG Genes	operon nber	16s_23s_5s	16s_1_23s_5s	16s_2_23s_5s	16s_3_23s_5s	16s_4_23s_5s	16s_5_23s_5s	16s_23s_1_5s	additional [§]	5s	23s	16s	tRNA	ITS_length (Mean)	Genes for Regulation	# Growth time	[References]
<i>Buchnera aphidicola</i> APS	Proteobacteria (gamma)	NC_002528	M	0,66	26	610	574	561	0									1	1	1	32	1			
<i>Buchnera aphidicola</i> Bp	Proteobacteria (gamma)	NC_004545	M	0,62	25	546	507	494	0									1	1	1	32	2			
<i>Buchnera aphidicola</i> Cc	Proteobacteria (gamma)	NC_008513	M	0,42	20	394	357	350	0									1	1	1	31	0			
<i>Buchnera aphidicola</i> Sg	Proteobacteria (gamma)	NC_004061	M	0,64	25	585	546	537	0									1	1	1	32	2			
<i>Candidatus Blochmannia floridanus</i>	Proteobacteria (gamma)	NC_005061	M	0,71	27	626	583	574	0									1	1	1	37	307	2		
<i>Candidatus Blochmannia pennsylvanicus</i> BPEN	Proteobacteria (gamma)	NC_007292	M	0,79	30	654	610	599	0									1	1	1	39	498	3		
<i>Candidatus Carsonella ruddii</i> PV	Proteobacteria (gamma)	NC_008512	M	0,16	17	213	182	133	1	1											28	46	0		
<i>Colwellia psychrerythraea</i> 34H	Proteobacteria (gamma)	NC_003910	FL	5,37	38	5027	4910	3320	9	9								1			88	610	184	24 - 48h	[2]
<i>Coxiella burnetii</i> RSA 493	Proteobacteria (gamma)	NC_002971	P	2,03	43	2099	2052	1256	1		1										42	543	21	> 7 days	[81]
<i>Erwinia carotovora atroseptica</i> SCRI1043	Proteobacteria (gamma)	NC_004547	FL	5,06	51	4594	4472	3553	7	4	3							1			76	445	180	24 - 48h	[2]
<i>Escherichia coli</i> 536+A166	Proteobacteria (gamma)	NC_008253	FL	4,94	51	4732	4629	3705	7	6	1							1			81	441	194	24 - 48h	[2]
<i>Escherichia coli</i> APEC O1	Proteobacteria (gamma)	NC_008563	FL	5,08	51	4583	4467	3625	7	7								1			94	351	191	24 - 48h	
<i>Escherichia coli</i> CFT073	Proteobacteria (gamma)	NC_004431	FL	5,23	50	5562	5379	3814	7	5	2							1			89	355	205	24 - 48h	
<i>Escherichia coli</i> K12	Proteobacteria (gamma)	NC_000913	FL	4,64	51	4400	4243	3566	7	4	3							2			86	355	185	24 - 48h	
<i>Escherichia coli</i> O157:H7 EDL933	Proteobacteria (gamma)	NC_002655	FL	5,62	50	5552	5423	3990	7	4	3							2			98	355	198	24 - 48h	
<i>Escherichia coli</i> O157:H7 Sakai	Proteobacteria (gamma)	NC_002695	FL	5,59	50	5482	5341	3915	7	4	3							2			105	352	197	24 - 48h	
<i>Escherichia coli</i> UTI89	Proteobacteria (gamma)	NC_007946	FL	5,18	51	5321	5211	3792	7	4	3							1			88	438	197	24 - 48h	
<i>Escherichia coli</i> W3110	Proteobacteria (gamma)	AC_000091	FL	4,65	51	4492	4227	3565	7	4	3							2			91	355	185	24 - 48h	
<i>Francisella tularensis holarctica</i> OSU18	Proteobacteria (gamma)	NC_007880	FHA	1,90	32	1604	1555	1168	3		3							1			38	318	18	2 - 4 days	[82]
<i>Francisella tularensis tularensis</i> SCHU S4	Proteobacteria (gamma)	NC_006570	FHA	1,89	32	1651	1603	1218	3		3							1			38	336	20	2 - 4 days	
<i>Haemophilus ducreyi</i> 35000HP	Proteobacteria (gamma)	NC_002940	FHA	1,70	38	1795	1717	1256	6	3	3							1			47	352	24	24 - 48h	[2]
<i>Haemophilus influenzae</i> 86-028NP	Proteobacteria (gamma)	NC_007146	FHA	1,91	38	1868	1791	1513	6	3	3							1			58	478	43	24 - 48h	
<i>Haemophilus influenzae</i> Rd KW20	Proteobacteria (gamma)	NC_000907	FHA	1,83	38	1749	1657	1529	6	3	3							1			58	478	43	24 - 48h	
<i>Hahella chejuensis</i> KCTC 2396	Proteobacteria (gamma)	NC_007645	FL	7,22	54	6860	6778	4156	5		5										67	632	190	24 - 48h	[2]
<i>Idiomarina loihiensis</i> L2TR	Proteobacteria (gamma)	NC_006512	FL	2,84	47	2699	2628	2133	4		4										56	591	71	24 - 48h	[83]
<i>Legionella pneumophila</i> Lens	Proteobacteria (gamma)	NC_006369	FHA	3,41	38	2988	2934	2027	3	3											43	346	41	48 - 72h	[2]
<i>Legionella pneumophila</i> Paris	Proteobacteria (gamma)	NC_006368	FHA	3,64	38	3220	3166	2142	3	3											43	346	47	48 - 72h	
<i>Legionella pneumophila pneumophila</i> Philadelphia 1	Proteobacteria (gamma)	NC_002942	FHA	3,40	38	2994	2942	2040	3	3											43	384	46	48 - 72h	

Genome Name	Phylum	Refseq	Lifestyle*	Genome Size(Mb)	GC%	Gene Count	CDS	COG Genes	operon nber	16S rRNA							tRNA	ITS_ length (Mean)	Genes for Regulation	# Growth time [References]		
										16s_23s_5s	16s_1_23s_5s	16s_2_23s_5s	16s_3_23s_5s	16s_5_23s_5s	16s_4_23s_5s	16s_23s_1_5s					additional ^s	5s
<i>Mannheimia succiniciproducens</i> MBEL55E	Proteobacteria (gamma)	NC_006300	FHA	2,31	43	2459	2380	1882	5	3	2					2	1	1	60	401	68	24 - 48h [2]
<i>Methylococcus capsulatus</i> Bath	Proteobacteria (gamma)	NC_002977	FL	3,30	64	3014	2960	2205	2		2								46	568	44	24 - 48h [84]
<i>Nitrosococcus oceani</i> ATCC 19707	Proteobacteria (gamma)	NC_007484	FL	3,52	50	3186	3132	2290	2	1	1								45	715	51	
<i>Pasteurella multocida multocida</i> Pm70	Proteobacteria (gamma)	NC_002663	FHA	2,26	40	2100	2015	1819	6	3	3				1				57	386	52	24 - 48h [2]
<i>Photobacterium profundum</i> SS9	Proteobacteria (gamma)	NC_006370 NC_006371	FL	6,40	42	5738	5491	3980	15	5	3	7			2				163	339	196	
<i>Photorhabdus luminescens laumondii</i> TTO1	Proteobacteria (gamma)	NC_005126	FL	5,69	43	4825	4683	3186	7	4	3				1				85	346	134	24 - 48h [2]
<i>Pseudoalteromonas haloplanktis</i> TAC125	Proteobacteria (gamma)	NC_007481	FL	3,85	40	3620	3486	2639	9	7	2				1				106	301	99	
<i>Pseudomonas aeruginosa</i> PAO1	Proteobacteria (gamma)	NC_002516	FL	6,26	67	5657	5566	4592	4		4				1				63	472	238	24 - 48h [2]
<i>Pseudomonas aeruginosa</i> UCBPP-PA14	Proteobacteria (gamma)	NC_008463	FL	6,54	66	5964	5892	4696	4		4								59	473	243	24 - 48h
<i>Pseudomonas entomophila</i> L48	Proteobacteria (gamma)	NC_008027	FL	5,89	64	5241	5134	4018	7		7				1				78	513	190	24 - 48h
<i>Pseudomonas fluorescens</i> Pf-5	Proteobacteria (gamma)	NC_004129	FL	7,07	63	6224	6137	4869	5		5								71	527	264	24 - 48h
<i>Pseudomonas fluorescens</i> PfO-1	Proteobacteria (gamma)	NC_007492	FL	6,44	61	5833	5738	4533	6		6				1				73	510	241	24 - 48h
<i>Pseudomonas putida</i> KT2440	Proteobacteria (gamma)	NC_002947	FL	6,18	62	5473	5350	4199	7	4	3				1				74	510	208	24 - 48h
<i>Pseudomonas syringae</i> pv. <i>phaseolicola</i> 1448A	Proteobacteria (gamma)	NC_005773	FL	6,11	58	5250	5170	4050	5		5								64	553	184	24 - 48h
<i>Pseudomonas syringae</i> pv. <i>syringae</i> B728a	Proteobacteria (gamma)	NC_007005	FL	6,09	59	5219	5136	4020	5		5				1				64	550	192	24 - 48h
<i>Pseudomonas syringae</i> pv. <i>tomato</i> DC3000	Proteobacteria (gamma)	NC_004578	FL	6,54	58	5686	5608	4177	5		5				1				63	544	190	24 - 48h
<i>Psychrobacter arcticus</i> 273-4	Proteobacteria (gamma)	NC_007204	FL	2,65	43	2211	2147	1694	4		4								49	594	42	
<i>Saccharophagus degradans</i> 2-40	Proteobacteria (gamma)	NC_007912	FL	5,06	46	4067	4017	2796	2	2									41	2881	98	24 - 48h [85]
<i>Salmonella enterica enterica</i> sv <i>Choleraesuis</i> SC-B67	Proteobacteria (gamma)	NC_006905	FHA	4,94	52	4769	4662	3513	7	4	3				1				85	354	167	24 - 48h [2]
<i>Salmonella enterica enterica</i> sv <i>Paratyphi</i> A ATCC 9150	Proteobacteria (gamma)	NC_006511	FHA	4,59	52	4233	4093	3320	7	4	3				2				82	352	153	24 - 48h
<i>Salmonella enterica enterica</i> sv <i>Typhi</i> CT18	Proteobacteria (gamma)	NC_003198	FHA	5,13	52	4923	4758	3522	7	4	3				2				81	355	168	24 - 48h
<i>Salmonella enterica enterica</i> sv <i>Typhi</i> Ty2	Proteobacteria (gamma)	NC_004631	FHA	4,79	52	4478	4318	3408	7	4	3				1				79	356	161	24 - 48h
<i>Salmonella typhimurium</i> LT2	Proteobacteria (gamma)	NC_003197	FHA	4,95	52	4699	4527	3663	7	4	3				2				87	353	176	24 - 48h
<i>Shewanella oneidensis</i> MR-1	Proteobacteria (gamma)	NC_004347	FL	5,13	46	4618	4472	3195	9	6	3				1				102	316	128	24 - 48h [2]
<i>Shigella boydii</i> Sb227	Proteobacteria (gamma)	NC_007613	FHA	4,65	51	4397	4284	3470	7	2	5				1				91	447	133	24 - 48h [2]
<i>Shigella dysenteriae</i> Sd197	Proteobacteria (gamma)	NC_007606	FHA	4,55	51	4604	4497	3725	7	4	3								85	438	135	24 - 48h
<i>Shigella flexneri</i> 2a 2457T	Proteobacteria (gamma)	NC_004741	FHA	4,60	51	4262	4068	3457	7	4	3				2				100	355	135	24 - 48h
<i>Shigella flexneri</i> 2a 301	Proteobacteria (gamma)	NC_004337	FHA	4,83	51	4572	4443	3637	7	5	1	1			2				97	355	133	24 - 48h

Genome Name	Phylum	Refseq	Lifestyle*	Genome Size(Mb)	GC%	Gene Count	CDS	COG Genes	operon nber	rDNA operon organization						additional [§]	5s	23s	16s	tRNA	ITS_ length (Mean)	Genes for Regulation	# Growth time [References]
										16s_23s_5s	16s_1_23s_5s	16s_2_23s_5s	16s_3_23s_5s	16s_4_23s_5s	16s_5_23s_5s								
<i>Shigella flexneri</i> 5 8401	Proteobacteria (gamma)	NC_008258	FHA	4,57	51	4235	4116	3446	7	7						1			97	355	134	24 - 48h	
<i>Shigella sonnei</i> Ss046	Proteobacteria (gamma)	NC_007384	FHA	5,04	51	4580	4461	3753	7	5	2					1			97	447	134	24 - 48h	
<i>Thiomicrospira denitrificans</i> ATCC 33889	Proteobacteria (gamma)	NC_007575	FL	2,20	34	2163	2104	1597	4	4								44	547	23	24 - 48h	[2]	
<i>Vibrio cholerae</i> O1 bv eltor N16961	Proteobacteria (gamma)	NC_002505	FL	4,03	47	3989	3835	2894	8	3	3	1			1			98	427	136	24 - 48h	[2]	
<i>Vibrio fischeri</i> ES114	Proteobacteria (gamma)	NC_006840 NC_006841	FL	4,28	38	3957	3802	3026	12	2	3	3		1	1			118	361	133	24 - 48h		
<i>Vibrio parahaemolyticus</i> RIMD 2210633	Proteobacteria (gamma)	NC_004603 NC_004605	FL	5,17	45	4992	4832	3529	11	3	1	3		2	1			126	358	160	24 - 48h		
<i>Vibrio vulnificus</i> CMCP6	Proteobacteria (gamma)	NC_004459 NC_004460	FL	5,13	47	4658	4488	3474	9	3	2	1		2	1			111	418	162	24 - 48h		
<i>Vibrio vulnificus</i> YJ016	Proteobacteria (gamma)	NC_005139 NC_005140	FL	5,26	47	5167	5024	3509	9	3	1	3		2				112	421	172	24 - 48h		
<i>Wigglesworthia glossinidia</i> endosymbiont of <i>Glossina brevipalpis</i>	Proteobacteria (gamma)	NC_004344	M	0,70	22	657	617	598	2	2								34	271	3	> 7 days	[86]	
<i>Yersinia pestis</i> Antiqua	Proteobacteria (gamma)	NC_008150	FHA	4,88	48	4471	4368	3533	7	4	3							68	466	131	24 - 48h	[2]	
<i>Yersinia pestis</i> biovar Microtus 91001	Proteobacteria (gamma)	NC_005810	FHA	4,80	48	4278	4142	3260	7	3	4			1				72	492	128	24 - 48h		
<i>Yersinia pestis</i> CO92	Proteobacteria (gamma)	NC_003143	FHA	4,83	48	4199	4066	3278	6	3	3			1				70	466	123	24 - 48h		
<i>Yersinia pestis</i> KIM	Proteobacteria (gamma)	NC_004088	FHA	4,70	48	4337	4202	3257	7	5	2			2				73	422	126	24 - 48h		
<i>Yersinia pestis</i> Nepal516	Proteobacteria (gamma)	NC_008149	FHA	4,65	48	4204	4097	3344	7	5	2							72	525	126	24 - 48h		
<i>Yersinia pseudotuberculosis</i> IP 32953	Proteobacteria (gamma)	NC_006155	FHA	4,84	48	4159	4038	3240	7	4	3							85	509	128	24 - 48h		
<i>Borrelia burgdorferi</i> B31	Spirochaetes	NC_001318	FHA	1,52	28	1663	1640	694	0					2	2	1		31		8	GT 12 - 24h	[87,88]	
<i>Borrelia garinii</i> PBi	Spirochaetes	NC_006156	FHA	0,99	28	968	932	634	0					2	1	1		31		8	2 - 4 days		
<i>Leptospira borgpetersenii</i> sv <i>Hardjo-bovis</i> JB197	Spirochaetes	NC_008510	FHA	3,88	40	2920	2880	1884	0					1		3		37		52	21 days	[89]	
<i>Leptospira borgpetersenii</i> sv <i>Hardjo-bovis</i> L550	Spirochaetes	NC_008508	FHA	3,93	40	2987	2945	1931	0					1	2	2		37		56	21 days		
<i>Leptospira interrogans</i> sv Copenhageni Fioacruz L1-130	Spirochaetes	NC_005823	FHA	4,63	35	3705	3658	2098	0					1	2	2		37		53	21 days		
<i>Leptospira interrogans</i> sv Lai 56601	Spirochaetes	NC_004342	FHA	4,69	35	4774	4727	2177	0					1	1	2		37		55	21 days		
<i>Treponema denticola</i> ATCC 35405	Spirochaetes	NC_002967	FHA	2,84	38	2824	2767	1626	2	2								44	385	50	3 - 5 days	[90]	
<i>Treponema pallidum pallidum</i> Nichols	Spirochaetes	NC_000919	P	1,14	53	1088	1036	729	2	2								45	294	13	> 7 days	[91]	
<i>Thermotoga maritima</i> MSB8	Thermotogae	NC_000853	FL	1,86	46	1912	1858	1553	1		1							46	241	48	24 - 48h	[92]	

* Lifestyle: M, obligate intracellular mutualist; P, obligate intracellular parasite; FHA, facultative host-associated; FL, free-living bacteria

Grey columns represent rDNA operon organization with numbers of tRNA indicated between 16s-23s and 23s-5s; and [§]additional 16s, 23s and/or 5s not included in the typical operon.

Growth time corresponds to the Generation time (GT), Doubling time (DT), or Colonies (plaque essays) observation, as it has been indicated in the references.

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