

## Taxonomy

	T0	T2a	T2b	T4a	T4b	T6a	T8a	T8b
k__Archaea;p__Euryarchaeota;c__Thermoplasmata;o__E2;f__Marine group II;g__	0.18	0	0	0	0	0	0	0
k__Bacteria;p__Actinobacteria;c__Actinobacteria (class);o__Acidimicrobiales;f__wb1_P06;g__	0	0.01	0	0	0	0	0	0
k__Bacteria;p__Actinobacteria;c__Actinobacteria (class);o__Actinomycetales;f__g__	0	0.16	0	0.14	0.03	0	0.04	0.01
k__Bacteria;p__Actinobacteria;c__Actinobacteria (class);o__Actinomycetales;f__Microbacteriaceae;g__Microcella	0	0.03	0	0.02	0	0	0	0
k__Bacteria;p__Actinobacteria;c__Actinobacteria (class);o__Actinomycetales;f__Micrococccaceae;g__Arthrobacter	0	0.02	0	0	0	0	0.04	0
k__Bacteria;p__Actinobacteria;c__Actinobacteria (class);o__Bifidobacteriales;f__Bifidobacteriaceae;g__Bifidobacterium	0	0.02	0	0	0	0	0	0
k__Bacteria;p__Actinobacteria;c__Actinobacteria (class);o__koll13;f__g__	4.43	0.06	0	0.04	0	0.04	0	0.01
k__Bacteria;p__Bacteroidetes;c__Flavobacteria;o__f__g__	1.82	2.82	0	0.12	0.55	0.11	0.12	0.02
k__Bacteria;p__Bacteroidetes;c__Flavobacteria;o__Flavobacteriales;f__Cryomorphaceae;g__Fluviicola	0.8	0.22	0	0	0.08	0.04	0.04	0
k__Bacteria;p__Bacteroidetes;c__Flavobacteria;o__Flavobacteriales;f__Flavobacteriaceae;g__	4.82	11.16	2.04	2.47	3.46	0.49	1.34	0.53
k__Bacteria;p__Bacteroidetes;c__Flavobacteria;o__Flavobacteriales;f__Flavobacteriaceae;g__Arenibacter	0.02	0	0	0	0	0	0	0.01
k__Bacteria;p__Bacteroidetes;c__Flavobacteria;o__Flavobacteriales;f__Flavobacteriaceae;g__Maribacter	0.1	0.07	4.08	0.22	0.37	0.49	2.97	9.23
k__Bacteria;p__Bacteroidetes;c__Flavobacteria;o__Flavobacteriales;f__Flavobacteriaceae;g__Muricauda	0	0.01	0	0.06	0	0	0	0.4
k__Bacteria;p__Bacteroidetes;c__Flavobacteria;o__Flavobacteriales;f__Flavobacteriaceae;g__Polaribacter	0.06	0.11	2.04	0.26	0.63	0.18	0.45	0.09
k__Bacteria;p__Bacteroidetes;c__Flavobacteria;o__Flavobacteriales;f__Flavobacteriaceae;g__Salegentibacter	0.1	0	0	0	0	0	0	0
k__Bacteria;p__Bacteroidetes;c__Flavobacteria;o__Flavobacteriales;f__Flavobacteriaceae;g__Sediminicola	0	0	0	0.04	0	0	0	0.04
k__Bacteria;p__Bacteroidetes;c__Flavobacteria;o__Flavobacteriales;f__Flavobacteriaceae;g__Tenacibaculum	0	0.02	0	0	0	0	0.08	0
k__Bacteria;p__Bacteroidetes;c__Flavobacteria;o__Flavobacteriales;f__Flavobacteriaceae;g__Ulvibacter	0	0.01	0	0	0	0	0	0
k__Bacteria;p__Bacteroidetes;c__Flavobacteria;o__Flavobacteriales;f__Flavobacteriaceae;g__Zobellia	0	0	0	0	0.03	0	0	0.02
k__Bacteria;p__Bacteroidetes;c__Sphingobacteria;o__Sphingobacteriales;f__g__	0.12	0.09	0	0.04	0	0	0	0.02
k__Bacteria;p__Bacteroidetes;c__Sphingobacteria;o__Sphingobacteriales;f__Saprospiraceae;g__	0.04	0.13	0	0.12	0.32	0	0.04	0.04
k__Bacteria;p__Cyanobacteria;c__o__f__g__	1.92	0.05	0	0.63	0.4	0.04	0.16	0.16
k__Bacteria;p__Cyanobacteria;c__o__Chroococcales;f__g__	1.33	1.05	0	0.24	0.18	0.04	0	0.02
k__Bacteria;p__Cyanobacteria;c__o__Chroococcales;f__g__Synechococcus	13.19	7.79	2.04	2.08	2.11	0.63	1.46	4.03
k__Bacteria;p__Cyanobacteria;c__o__Chroococcales;f__Prochlorococcaceae;g__Prochlorococcus	3.71	0	0	0.02	0.08	0	0.04	0.03
k__Bacteria;p__Firmicutes;c__Bacilli;o__Bacillales;f__Bacillaceae;g__	0.02	0	0	0	0	0	0	0.02
k__Bacteria;p__Firmicutes;c__Bacilli;o__Bacillales;f__Bacillaceae;g__Anoxybacillus	0	0	0	0.02	0.03	0	0	0.04
k__Bacteria;p__Firmicutes;c__Bacilli;o__Bacillales;f__Bacillaceae;g__Salimicrobium	0.04	0	0	0	0	0	0	0
k__Bacteria;p__Firmicutes;c__Clostridia;o__Clostridiales;f__g__	0	0.01	0	0	0.03	0	0	0
k__Bacteria;p__Firmicutes;c__Clostridia;o__Clostridiales;f__Lachnospiraceae;g__	0	0.02	0	0	0	0	0	0
k__Bacteria;p__Firmicutes;c__Clostridia;o__Clostridiales;f__Lachnospiraceae;g__Blautia	0.02	0.03	0	0	0	0	0	0
k__Bacteria;p__Firmicutes;c__Clostridia;o__Clostridiales;f__Ruminococcaceae;g__Faecalibacterium	0	0.01	0	0	0	0	0	0
k__Bacteria;p__Firmicutes;c__Clostridia;o__Clostridiales;f__Veillonellaceae;g__	0.02	0.01	0	0	0	0	0	0
k__Bacteria;p__Marine group A;c__o__f__g__	0.41	0	0	0.02	0.03	0	0	0
k__Bacteria;p__Planctomycetes;c__Planctomycea;o__Pirellulales;f__g__Rhodopirellula	0.04	0.07	0	0.1	0.13	0	0.2	0.23
k__Bacteria;p__Planctomycetes;c__Planctomycea;o__Pirellulales;f__Pirellulaceae;g__	0.39	1.93	0	2	1.74	0.07	0.73	0.56
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__Cohaesibacteraceae;g__Cohaesibacter	0	0	0	0	0	0	0	0.04
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__Rhodobacteraceae;g__	0	0	0	0.04	0	0	0.04	0.06
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhodobacterales;f__Hyphomonadaceae;g__	0.02	0.01	0	0.08	0.05	0.07	0.12	0.12
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhodobacterales;f__Hyphomonadaceae;g__Hirschia	0.02	0.02	0	0.04	0.13	0.07	0.2	0.59
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhodobacterales;f__Hyphomonadaceae;g__Hyphomonas	0	0	0	0	0.03	0.04	0.04	0.15
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhodobacterales;f__Rhodobacteraceae;g__	3.47	32.59	52.04	47.46	47.87	58.2	59.08	56.97
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhodobacterales;f__Rhodobacteraceae;g__Loktanella	0	0.34	0	0.02	0.05	0.04	0.04	0.17
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhodobacterales;f__Rhodobacteraceae;g__Marinovum	0.02	0.07	0	0.1	0.05	0.04	0.12	0.07
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhodobacterales;f__Rhodobacteraceae;g__Nautella	0.02	1.09	0	2.59	3.12	4.47	6.3	2.23
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhodobacterales;f__Rhodobacteraceae;g__Nereida	0	2.17	0	0.59	0.74	0.39	0.12	0.04

k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhodobacterales;f__Rhodobacteraceae;g__Oceanicola	0.04	0.22	1.02	0.71	0.98	0.7	1.26	0.12
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhodobacterales;f__Rhodobacteraceae;g__Octadecabacter	0	0.02	0	0	0	0	0	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhodobacterales;f__Rhodobacteraceae;g__Phaeobacter	0.18	1.97	5.1	8.95	8.01	6.51	8.37	12.2
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhodobacterales;f__Rhodobacteraceae;g__Pseudoruegeria	0	0.06	0	0.2	0.16	0.07	0	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhodobacterales;f__Rhodobacteraceae;g__Roseovarius	0	0	0	0	0	0	0.16	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhodobacterales;f__Rhodobacteraceae;g__Ruegeria	0.02	0.06	0	0.12	0.13	0	0.12	0.12
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhodobacterales;f__Rhodobacteraceae;g__Shimia	0.24	2.34	6.12	7.87	6.95	13.44	2.07	1.75
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhodobacterales;f__Rhodobacteraceae;g__Sulfitobacter	0.08	2.24	6.12	6.07	8.01	10.1	10.28	8.89
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhodobacterales;f__Rhodobacteraceae;g__Thalassobacter	0.02	1.2	0	0.28	0.16	0.11	0.08	0.02
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhodobacterales;f__Rhodobacteraceae;g__Thalassobius	0.06	2.66	0	1.96	1.98	1.34	0.85	0.13
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhodospirillales;f__Rhodospirillaceae;g__	2.39	0.04	0	0	0.03	0.04	0.12	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rickettsiales;f__g__Candidatus Pelagibacter	40.97	0.44	4.08	0.77	1.06	0.67	0.69	0.12
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Sphingomonadales;f__g__	0	0.01	2.04	0	0	0	0	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Sphingomonadales;f__Erythrobacteraceae;g__Erythrobacter	0	0	0	0.02	0	0	0	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Sphingomonadales;f__Sphingomonadaceae;g__Sphingobium	0	0	0	0	0	0	0	0.03
k__Bacteria;p__Proteobacteria;c__Betaproteobacteria;o__Burkholderiales;f__Comamonadaceae;g__Brachymonas	0.02	0.02	0	0	0	0	0	0
k__Bacteria;p__Proteobacteria;c__Betaproteobacteria;o__Burkholderiales;f__Comamonadaceae;g__Comamonas	0.04	0.01	0	0	0	0	0	0
k__Bacteria;p__Proteobacteria;c__Betaproteobacteria;o__Rhodocyclales;f__g__	0.08	0	0	0	0	0	0	0
k__Bacteria;p__Proteobacteria;c__Deltaproteobacteria;o__f__g__	0.33	0	0	0	0.05	0	0	0
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__f__g__	0.84	0.07	0	0	0.03	0.04	0	0
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Alteromonadales;f__Alteromonadaceae;g__	0	0.02	0	0.2	0.08	0	0	0.02
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Alteromonadales;f__Alteromonadaceae;g__Alteromonas	0.18	1.37	0	7.71	3.8	0.07	0.12	0.12
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Alteromonadales;f__Alteromonadaceae;g__Glaciecola	3.71	14.67	12.24	2.08	2.27	0.56	0.73	0.24
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Alteromonadales;f__Colwelliaceae;g__Thalassomonas	0.04	0.01	0	0	0.03	0	0	0.01
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Alteromonadales;f__Idiomarinaceae;g__Idiomarina	0.1	0	0	0	0	0	0	0
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Legionellales;f__g__	0	0	0	0	0	0	0.04	0.05
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Legionellales;f__Coxiellaceae;g__	0	0.03	0	0.06	0.11	0	0	0.02
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Oceanospirillales;f__g__	2.88	0.82	0	0.47	0.26	0.25	0.16	0.12
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Oceanospirillales;f__Alteromonadaceae;g__Marinobacter	0.43	0.11	0	0.59	0.74	0	0.24	0.02
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Oceanospirillales;f__Halomonadaceae;g__Candidatus Portiera	7.96	0.08	0	0.1	0.05	0.04	0.16	0.01
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Oceanospirillales;f__Halomonadaceae;g__Halomonas	0.04	0.01	0	0	0.03	0	0.04	0
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Oceanospirillales;f__Oceanospirillaceae;g__	0.8	8.14	1.02	1.74	2.67	0.63	0.69	0.04
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Oceanospirillales;f__Oceanospirillaceae;g__Neptunomonas	0.02	0.02	0	0	0	0	0	0
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Salinisphaerales;f__Salinisphaeraceae;g__Salinisphaera	0.04	0	0	0	0	0	0	0
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Vibrionales;f__Vibrionaceae;g__Photobacterium	0	0.02	0	0	0	0	0	0
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Vibrionales;f__Vibrionaceae;g__Vibrio	0.2	0.22	0	0.16	0.08	0	0	0
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Xanthomonadales;f__g__	0.02	0	0	0.02	0	0	0	0
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Xanthomonadales;f__Xanthomonadaceae;g__Aquimonas	0	0	0	0.04	0	0	0	0
k__Bacteria;p__Verrucomicrobia;c__Opitutae;o__Puniceococcales;f__Puniceococcaceae;g__	0.63	0	0	0	0	0	0	0
k__Bacteria;p__Verrucomicrobia;c__Verrucomicrobiae;o__Verrucomicrobiales;f__g__	0.29	0.01	0	0	0	0	0	0
k__Bacteria;p__Verrucomicrobia;c__Verrucomicrobiae;o__Verrucomicrobiales;f__Verrucomicrobiaceae;g__	0.24	0.85	0	0.24	0.11	0.04	0	0.01
k__Bacteria;p__WPS-2;c__o__f__g__	0	0	0	0.04	0	0	0	0