



Thaumarchaeota	0	21	252	0	0	0	0	0	0	0	0	22	0	0	0	41	0	0	0	0	0	0	225
Thermobaculum	0	0	0	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
Thermococci	59	416	495	0	0	0	0	0	0	0	0	0	153	117	0	0	0	0	0	0	0	0	1970
Thermodesulfobacteria	0	0	187	0	0	0	0	0	0	0	0	0	29	51	0	0	0	0	0	0	0	0	63
Thermoplasmata	13	0	117	112	194	32	0	84	0	0	0	0	63	32	0	0	0	108	0	0	0	0	547
Thermotogae	0	6	1226	0	43	0	0	0	0	0	0	72	212	368	242	50	0	0	0	0	0	0	1512
unclassified	0	0	0	0	0	171	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87
Acidobacteria																							
unclassified Archaea (miscellaneous)	0	0	0	0	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
unclassified Bacteria (miscellaneous)	3	0	631	123	408	17	0	0	24	0	237	3	33	196	0	289	0	0	0	0	0	0	850
unclassified Euryarchaeota	0	0	32	0	1	0	0	0	0	0	0	20	21	0	0	0	0	0	0	0	0	0	51
unclassified Proteobacteria	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
uncultured archaeon	0	0	0	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Verrucomicrobia	0	0	0	201	0	63	0	119	0	0	67	0	0	123	0	15	0	0	23	0	0	0	80
Zetaproteobacteria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	25

## Number of spacers with hits

Phylum	I	I-A	I-B	I-C	I-D	I-E	I-F	I-U	II-A	II-B	II-C	III	III-A	III-B	III-C	III-D	IV-A	V-A	V-B	VI-A	VI-B	VI-C	V-U	?
Acidithiobacillia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
Acidobacteria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Actinobacteria	56	6	120	429	0	1716	0	287	20	0	145	3	11	1	0	11	63	0	0	0	0	0	0	746
Alphaproteobacteria	0	1	0	45	0	34	0	0	0	0	10	0	0	1	0	2	0	0	0	0	0	0	0	27
Aquificae	0	0	5	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	4
Armatimonadetes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Bacteria candidate phyla	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Bacteroidetes/Chlorobi group	1	0	230	98	0	3	0	4	1	0	319	4	8	16	1	8	0	5	0	0	50	0	0	92
Betaproteobacteria	2	9	0	157	1	72	116	0	0	0	221	2	2	5	2	0	0	0	0	0	0	0	0	319
Candidatus Marinimicrobia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Chloroflexi	0	0	1	7	0	16	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	2
Chrysiogenetes	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cloacimonetes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Crenarchaeota	5	69	0	0	3	0	0	0	0	0	0	0	5	4	0	21	0	0	0	0	0	0	0	12
Cyanobacteria/Melainabacteria group	0	0	25	1	35	3	0	1	0	0	0	4	2	16	0	4	0	0	0	0	0	0	1	34
Deinococcus-Thermus delta/epsilon subdivisions	0	5	6	9	0	38	0	4	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	21
Elusimicrobia	7	0	52	28	0	16	7	2	0	2	178	0	5	1	0	8	2	0	0	0	0	0	0	70
environmental samples	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Fibrobacteres	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Firmicutes	40	6	1380	978	11	338	7	0	2608	0	115	35	94	136	33	34	13	0	7	8	0	0	2	1798
Fusobacteriia	0	0	448	0	0	0	0	0	10	0	1	19	24	0	0	1	1	0	0	0	0	2	0	123
Gammaproteobacteria	286	0	0	529	0	1950	4736	12	0	7	46	0	13	45	0	15	65	0	0	0	0	0	0	2534
Halobacteria	0	0	47	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26
Methanobacteria	0	0	37	0	0	0	0	0	0	0	0	1	6	0	0	0	0	0	0	0	0	0	0	3
Methanococci	0	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Methanomicrobia	9	0	36	14	9	8	0	1	0	0	0	3	2	31	4	14	0	0	0	0	0	0	0	10
nitrifying bacterium enrichment culture	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Nitrospira	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Planctomycetes	1	0	1	9	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
Spirochaetia	106	3	268	40	0	263	0	0	15	0	16	0	0	0	0	0	0	0	0	0	0	0	0	462
Synergistia	0	0	0	13	0	6	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0
Tenericutes	0	0	0	0	0	0	0	0	25	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Thaumarchaeota	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Thermococci	0	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Thermodesulfobacteria	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Thermoplasmata	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Thermotogae	0	0	10	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	17
unclassified Bacteria (miscellaneous)	0	0	3	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassified	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Proteobacteria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Verrucomicrobia	0	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	6

