

Supplementary Table 6. Frequency that each bacterial sequence or OTU was retrieved by cultivation or by culture-independent methods.

Phylum	Sequences			OTUs		
	Cultured	Uncultured	Total	Cultured	Uncultured	Total
Proteobacteria	119742	293919	413661	9629	25490	35119
Firmicutes	84752	392921	477673	3073	30133	33206
Bacteroidetes	9744	155663	165407	2431	11272	13703
Actinobacteria	41122	178892	220014	2913	5230	8143
Planctomycetes	539	15008	15547	165	5139	5304
Acidobacteria	224	15683	15907	121	4579	4700
Chloroflexi	197	23202	23399	68	2970	3038
Verrucomicrobia	177	8436	8613	99	1396	1495
Cyanobacteria	3541	14656	18197	454	663	1117
Lentisphaerae	18	3593	3611	11	984	995
Fibrobacteres	62	2480	2542	34	784	818
Parcubacteria	2	1298	1300	2	678	680
Saccharibacteria	10	2567	2577	8	622	630
Armatimonadetes	10	1412	1422	6	549	555
Spirochaetae	2105	9723	11828	145	340	485
Tenericutes	2182	3564	5746	210	275	485
Microgenomates	0	779	779	0	478	478
TM6	5	797	802	3	444	447
Hydrogenedentes	5	950	955	2	441	443
Deinococcus-Thermus	554	1599	2153	122	310	432
Gemmatimonadetes	23	2890	2913	12	394	406
Gracilibacteria	3	1143	1146	3	385	388
Chlorobi	83	1360	1443	29	353	382
Latescibacteria	1	997	998	1	380	381
Fusobacteria	534	8926	9460	69	299	368
Marinimicrobia	8	1307	1315	3	322	325
OP3	0	575	575	0	322	322
Aminicenantes	0	1734	1734	0	321	321
TA06	0	574	574	0	287	287
Atribacteria	4	2515	2519	4	218	222
Nitrospirae	112	2897	3009	35	187	222
Deferribacteres	44	1505	1549	21	195	216
Kazan-3B-09	0	1236	1236	0	188	188
WS6	0	240	240	0	147	147
Elusimicrobia	4	458	462	3	143	146
Synergistetes	103	1724	1827	30	115	145
Cloacimonetes	2	443	445	1	134	135
Acetothermia	0	299	299	0	133	133
Caldiserica	4	249	253	2	120	122
SHA-109	0	175	175	0	110	110
Hyd24-12	0	242	242	0	103	103
Aerophobetes	1	276	277	1	96	97
Thermotogae	156	650	806	41	56	97
PAUC34f	1	169	170	1	94	95
Aquificae	211	702	913	50	43	93
SR1	0	197	197	0	87	87
Omnitrophica	0	633	633	0	83	83
Chlamydiae	536	187	723	52	29	81
WD272	0	140	140	0	73	73
SM2F11	0	107	107	0	72	72
WCHB1-60	0	70	70	0	58	58
JL-ETNP-Z39	0	45	45	0	37	37
Thermodesulfobacteria	21	97	118	8	28	36
GOUTA4	0	31	31	0	27	27
LCP-89	0	32	32	0	25	25
CKC4	2	40	42	2	18	20
Dictyoglomi	11	17	28	2	12	14
GAL08	0	17	17	0	11	11
LD1-PA38	0	9	9	0	8	8
OC31	0	7	7	0	6	6
SBYG-2791	0	16	16	0	6	6
RsaHF231	0	7	7	0	5	5
Chrysiogenetes	12	1	13	4	0	4
Calescamantes	0	3	3	0	3	3
S2R-29	0	2	2	0	2	2
aquifer1	0	1	1	0	1	1
Total	266867	1162087	1428954	19870	98513	118383