

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	4927	21726	26653
Firmicutes	84754	392921	477675	2576	19488	22064
Bacteroidetes	9744	155663	165407	1590	11840	13430
Actinobacteria	41122	178892	220014	1687	4023	5710
Planctomycetes	539	15008	15547	126	4236	4362
Chloroflexi	197	23202	23399	64	4095	4159
Acidobacteria	224	15683	15907	101	3714	3815
Spirochaetae	2105	9723	11828	107	1546	1653
Cyanobacteria	3541	14656	18197	415	1234	1649
Verrucomicrobia	177	8436	8613	81	1459	1540
Gemmatimonadetes	23	2890	2913	17	1003	1020
Lentisphaerae	18	3593	3611	9	898	907
Parcubacteria	5	1298	1303	5	900	905
Saccharibacteria	10	2567	2577	10	869	879
Tenericutes	2182	3564	5746	198	664	862
Armatimonadetes	10	1412	1422	5	746	751
Nitrospirae	112	2897	3009	24	596	620
Microgenomates	4	779	783	4	592	596
TM6	3	797	800	2	542	544
Hydrogenedentes	8	950	958	2	507	509
Chlorobi	83	1360	1443	17	415	432
Gracilibacteria	4	1143	1147	4	423	427
Latescibacteria	4	997	1001	4	416	420
Marinimicrobia	20	1307	1327	7	407	414
OP3	0	574	574	0	378	378
Fibrobacteres	62	2480	2542	9	364	373
Aminicenantes	23	1734	1757	1	365	366
TA06	0	574	574	0	325	325
Synergistetes	103	1724	1827	21	281	302
Deinococcus-Thermus	554	1599	2153	89	201	290
Atribacteria	15	2515	2530	7	254	261
Deferribacteres	44	1505	1549	17	212	229
Elusimicrobia	4	458	462	3	225	228
Kazan-3B-09	0	1236	1236	0	206	206
Fusobacteria	534	8926	9460	27	173	200
Omnitrophica	2	633	635	2	188	190
WS6	0	240	240	0	172	172
Acetothermia	1	299	300	1	163	164
Thermotogae	156	650	806	32	112	144
Aerophobetes	3	276	279	3	117	120
SHA-109	0	175	175	0	120	120
PAUC34f	1	169	170	1	113	114
Chlamydiae	536	187	723	49	63	112
Hyd24-12	0	242	242	0	111	111
WD272	0	140	140	0	106	106
SR1	0	197	197	0	93	93
Cloacimonetes	23	443	466	2	85	87
SM2F11	0	107	107	0	75	75
Aquificae	211	702	913	34	27	61
WCHB1-60	0	70	70	0	60	60
Caldiserica	4	249	253	2	54	56
JL-ETNP-Z39	0	45	45	0	38	38
GOUTA4	0	31	31	0	28	28
LCP-89	0	32	32	0	25	25
Thermodesulfobacteria	21	97	118	8	15	23
CKC4	2	40	42	2	19	21
Dictyoglomi	11	17	28	1	11	12
GAL08	0	17	17	0	11	11
LD1-PA38	0	9	9	0	9	9
OC31	0	7	7	0	6	6
SBYG-2791	0	16	16	0	6	6
Chrysiogenetes	12	1	13	5	0	5
RsaHF231	0	7	7	0	5	5
Caescamantes	7	3	10	1	3	4
S2R-29	0	2	2	0	2	2
aquifer1	0	1	1	0	1	1
Total	266960	1162086	1429046	12299	87161	99460