

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	330964	450706	4927	52077	57004
Firmicutes	84754	403949	488703	2576	28119	30695
Bacteroidetes	9744	160124	169868	1590	15176	16766
Actinobacteria	41122	182384	223506	1687	6703	8390
Planctomycetes	539	15056	15595	126	4244	4370
Chloroflexi	197	23666	23863	64	4301	4365
Acidobacteria	224	15989	16213	101	3776	3877
Spirochaetae	2105	9795	11900	107	1573	1680
Cyanobacteria	3541	14752	18293	415	1262	1677
Verrucomicrobia	177	8527	8704	81	1467	1548
Unclassified	0	1185	1185	0	1185	1185
Gemmatimonadetes	23	2902	2925	17	1011	1028
Parcubacteria	5	1380	1385	5	940	945
Lentisphaerae	18	3594	3612	9	899	908
Saccharibacteria	10	2622	2632	10	878	888
Tenericutes	2182	3607	5789	198	673	871
Armatimonadetes	10	1415	1425	5	749	754
Nitrospirae	112	3038	3150	24	646	670
Microgenomates	4	801	805	4	605	609
TM6	3	812	815	2	547	549
Hydrogenedentes	8	950	958	2	507	509
Gracilibacteria	4	1248	1252	4	486	490
Chlorobi	83	1534	1617	17	461	478
Latescibacteria	4	1000	1004	4	416	420
Marinimicrobia	20	1312	1332	7	407	414
OP3	0	575	575	0	379	379
Fibrobacteres	62	2480	2542	9	364	373
Aminicenantes	23	1760	1783	1	369	370
TA06	0	574	574	0	325	325
Synergistetes	103	1725	1828	21	281	302
Deinococcus-Thermus	554	1604	2158	89	202	291
Atribacteria	15	2523	2538	7	255	262
Elusimicrobia	4	520	524	3	229	232
Deferribacteres	44	1505	1549	17	212	229
Fusobacteria	534	9006	9540	27	195	222
Kazan-3B-09	0	1236	1236	0	206	206
Omnitrophica	2	635	637	2	188	190
WS6	0	240	240	0	172	172
Acetothermia	1	300	301	1	163	164
Thermotogae	156	650	806	32	112	144
Aerophobetes	3	277	280	3	117	120
SHA-109	0	175	175	0	120	120
PAUC34f	1	171	172	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	479	502	2	87	89
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
RsaHF231	0	8	8	0	6	6
SBYG-2791	0	16	16	0	6	6
Chrysiogenetes	12	1	13	5	0	5
Calescamantes	7	4	11	1	3	4
S2R-29	0	2	2	0	2	2
Total	266960	1221261	1488221	12299	133965	146264