

Supplementary Table 4. Frequency that each bacterial phylum was sequenced before and after 2006.

Phylum	<2006 and Before	After 2006	Total	Ratio of Ratios
Firmicutes	28567	449099	477666	1.16
Proteobacteria	34904	378689	413593	0.8
Actinobacteria	9524	210484	220008	1.63
Bacteroidetes	13869	151535	165404	0.81
Chloroflexi	1001	22396	23397	1.65
Cyanobacteria	1401	16796	18197	0.89
Acidobacteria	1168	14733	15901	0.93
Planctomycetes	822	14724	15546	1.32
Spirochaetae	1385	10442	11827	0.56
Fusobacteria	384	9076	9460	1.75
Verrucomicrobia	524	8089	8613	1.14
Tenericutes	1088	4630	5718	0.31
Lentisphaerae	117	3494	3611	2.21
Nitrospirae	324	2684	3008	0.61
Gemmatimonadetes	185	2726	2911	1.09
Saccharibacteria	120	2457	2577	1.51
Fibrobacteres	127	2415	2542	1.4
Atribacteria	38	2481	2519	4.82
Deinococcus-Thermus	357	1796	2153	0.37
Synergistetes	118	1709	1827	1.07
Aminicenantes	39	1695	1734	3.21
Deferribacteres	58	1491	1549	1.9
Chlorobi	155	1288	1443	0.61
Armatimonadetes	93	1328	1421	1.05
Marinimicrobia (SAR406 clade)	55	1260	1315	1.69
Parcubacteria	121	1178	1299	0.72
Kazan-3B-09	12	1224	1236	7.53
Gracilibacteria	33	1112	1145	2.49
Latescibacteria	47	950	997	1.49
Hydrogenedentes	33	922	955	2.06
Aquificae	592	321	913	0.04
Thermotogae	121	685	806	0.42
TM6	41	761	802	1.37
Microgenomates	141	638	779	0.33
Chlamydiae	169	554	723	0.24
Omnitrophica	16	617	633	2.85
OP3	36	538	574	1.1
TA06	28	546	574	1.44
Elusimicrobia	61	401	462	0.49
Cloacimonetes	135	310	445	0.17
Acetothermia	19	280	299	1.09
Aerophobetes	15	262	277	1.29
Caldiserica	23	230	253	0.74
Hyd24-12	8	234	242	2.16
WS6	36	204	240	0.42
SR1	4	193	197	3.56
SHA-109	7	168	175	1.77
PAUC34f	6	164	170	2.02
WD272	14	125	139	0.66
Thermodesulfobacteria	73	45	118	0.05
SM2F11	5	102	107	1.51
WCHB1-60	9	61	70	0.5
JL-ETNP-Z39	2	43	45	1.59
CKC4	0	41	41	NA
LCP-89	4	28	32	0.52
GOUTA4	5	26	31	0.38
Dictyoglomi	4	24	28	0.44
GAL08	4	13	17	0.24
SBYG-2791	0	16	16	NA
Chrysiogenetes	2	11	13	0.41
LD1-PA38	3	6	9	0.15
OC31	0	7	7	NA
RsaHF231	1	6	7	0.44
Calescamantes	2	1	3	0.04
S2R-29	0	2	2	NA
aquifer1	0	1	1	NA
Total	98255	1330567	1428822	1.00