

**Supplementary Table 5. Frequency that each archaeal phylum was sequenced before and after 2006.**

Phylum	<2006 and Before	After 2006	Total	Ratio of Ratios
Euryarchaeota	3687	24723	28410	0.84
Thaumarchaeota	1032	16852	17884	2.03
Miscellaneous Crenarchaeotic Group	334	3404	3738	1.27
Crenarchaeota	537	648	1185	0.15
Woesearchaeota	114	510	624	0.56
Aenigmarchaeota	62	279	341	0.56
Aigarchaeota	79	231	310	0.36
Marine Hydrothermal Vent Group	7	260	267	4.63
Korarchaeota	39	175	214	0.56
Ancient Archaeal Group	0	191	191	NA
Nanoarchaeota	3	135	138	5.61
Miscellaneous Euryarchaeotic Group	7	78	85	1.39
Nanohaloarchaeota	2	77	79	4.8
Diapherotrites	16	25	41	0.19
SM1K20	4	29	33	0.9
Marine Hydrothermal Vent Group 1	4	9	13	0.28
Parvarchaeota	1	8	9	1
Marine Hydrothermal Vent Group 2	3	0	3	0
Unclassified	3	0	3	0
TVG8AR30	0	2	2	NA
Total	5934	47636	53570	1.00