

Supplementary Table: Comparison of taxonomic assignments obtained for the sequences as specific to the PA and PC metagenomes (PC1-6)

Phylum Name	% Sequences Assigned		Relative Ratio (X/Y)	Inference
	PA Metagenome specific (X)	PC Metagenomes specific (Y)		
Euryarchaeota	10.5	0.0	274.8	High in PA
Proteobacteria	55.6	27.3	2.0	High in PA
Thermotogae	6.4	0.0	N.A	Only in PA
Planctomycetes	10.0	0.0	N.A	Only in PA
Firmicutes	4.6	9.4	0.5	High in PC
Actinobacteria	5.0	13.2	0.4	High in PC
Cyanobacteria	1.9	40.5	0.0	High in PC
Deinococcus-Thermus	0.0	7.6	0.0	Only in PC