

Table S2. Abundance of taxa by phylum in Rain Forest (RF) FACs, mean +/- standard deviation

RF-FACs					
Domain <sup>a</sup>	Phylum	SG	SG + NO <sub>3</sub> <sup>-</sup>	SG + Fe	SG + SO <sub>4</sub> <sup>-</sup>
B	Firmicutes	8880 ± 2848	5560 ± 6662	5183 ± 5053	5812 ± 2073
B	Proteobacteria	5065 ± 1366	267 ± 40	3455 ± 619	1533 ± 189
B	Bacteroidetes	2426 ± 1142	2 ± 2	6035 ± 3149	1124 ± 204
A	Methanobacteria_Eury	122 ± 42	0	82 ± 15	0
B	Acidobacteria	62 ± 15	5 ± 4	185 ± 51	12 ± 4
A	Methanomicrobia_Eury	52 ± 16	0	116 ± 35	5 ± 4
B	Actinobacteria	3 ± 1	357 ± 384	771 ± 144	0
B	Spirochaetes	24 ± 9	0	144 ± 56	5 ± 4
B	Chlorobi	0	0	1 ± 0	0
B	Chloroflexi	2 ± 1	0	28 ± 7	0
B	Unknown	0	0	1 ± 0	3 ± 1
B	Cyanobacteria	0	1 ± 0	0	0
B	Planctomycetes	2 ± 1	0	0	0
E	Viridiplantae	0	0	2 +/- 0	0
E	Metazoa	1 +/- 0	0	1 +/- 0	0
A	C2	3 +/- 0	0	0	0
A	Thermoprotei_Cren	1 +/- 0	0	3 +/- 0	0
E	Alveolata	0	1 +/- 0	0	1 +/- 0
A	Thermoplasmata_Eury	2 +/- 0	0	0	0
E	Fungi	1 +/- 0	0	0	0
B	GAL35	1 +/- 0	0	0	0
B	Gemmatimonadetes	1 +/- 0	0	0	0
B	Nitrospirae	0	1 +/- 0	0	0
B	SM2F11	1 +/- 0	0	0	0
E	Viridiplantae	0	0	2 +/- 0	0
E	Metazoa	1 +/- 0	0	1 +/- 0	0
A	C2	3 +/- 0	0	0	0