

Table S1. Table showing the percentage of the most abundant bacteria phyla in control samples.

Control Samples									
Sample ID	Firmicutes	Bacteroidetes	Proteobacteria	Synergistetes	Lentisphaerae	Actinobacteria	Patescibacteria	Tenericutes	Cyanobacteria
1	48.7	45.2	1.4	0.9	3.2	0.1	0.2	0.0	0.0
2	56.9	35.8	1.4	0.8	0.2	1.4	0.3	0.0	2.7
3	48.1	43.9	2.4	0.1	0.5	1.8	3.0	0.0	0.0
4	48.3	47.6	0.3	1.2	0.6	0.4	1.2	0.1	0.0
5	48.6	41.0	1.8	0.9	6.9	0.5	0.0	0.0	0.0
6	50.9	44.8	1.9	1.7	0.2	0.1	0.0	0.0	0.0
7	52.3	44.5	0.5	0.8	0.9	0.1	0.5	0.0	0.0
8	47.9	47.3	0.9	0.5	0.3	0.5	2.1	0.1	0.0
9	84.9	10.3	0.1	1.9	1.4	0.0	0.0	0.0	0.0
10	44.2	50.8	0.2	0.7	0.3	0.7	2.7	0.0	0.0

Table S2. Table showing the percentage of the most abundant bacteria phyla in experimental samples.

Experimental Samples.									
Sample ID	Firmicutes	Bacteroidetes	Proteobacteria	Synergistetes	Lentisphaerae	Actinobacteria	Patescibacteria	Tenericutes	Cyanobacteria
11	52.8	44.1	0.6	0.8	1.3	0.1	0.2	0.0	0.0
12	47.5	47.3	0.9	3.3	0.1	0.6	0.0	0.0	0.0
13	67.8	28.4	2.1	0.8	0.1	0.3	0.0	0.3	0.0
14	59.7	33.0	1.3	0.2	4.8	0.1	0.6	0.0	0.0
15	62.6	35.6	0.2	1.0	0.3	0.1	0.0	0.0	0.0
16	37.0	56.1	0.6	3.8	0.4	0.1	1.6	0.0	0.0
17	51.2	40.1	0.6	2.4	0.5	2.6	1.1	0.0	1.1
18	39.8	57.4	0.4	0.2	1.9	0.0	0.0	0.0	0.0
19	42.5	51.4	1.3	2.4	1.2	0.5	0.4	0.0	0.0
20	61.6	35.1	0.6	1.2	0.1	0.1	0.9	0.1	0.0