

Table A1. Number of sequences and OTUs on each sample. Day correspond to reactor operational day. Time refers to the hour of the day when the sample was taken.

Sample			<i>Bacteria</i> sequences	<i>Archaea</i> sequences	<i>Bacteria</i> OTUs	<i>Archaea</i> OTUs
Reactor	Day	Time(h)				
1	95	0	89825	48941	4042	192
1	95	6	52461	26418	2757	145
1	96	0	70360	26517	3084	136
1	96	6	73539	33173	3735	158
1	97	0	41468	31421	2221	166
1	97	6	110042	43755	5115	179
1	98	0	49758	33310	2755	147
1	98	6	32657	37025	2175	169
1	99	0	52544	34800	2512	149
1	99	6	71455	26859	2978	180
1	100	0	82780	37269	4940	187
1	100	6	59749	29428	2900	163
1	101	0	59849	32515	2879	166
1	101	6	64384	23572	3084	147
1	102	0	41517	25980	2155	167
1	102	3	49011	21547	2810	141
1	102	6	24319	28051	1455	170
1	102	9	41569	24581	1889	136
1	103	0	83220	32865	3315	184
1	103	3	51135	27921	2610	142
1	103	6	57179	15320	2534	132
1	103	9	77574	18278	3076	149
1	104	0	60583	22159	2489	156
1	104	6	30931	21140	1708	143
1	105	0	45696	30821	2669	170
2	95	0	51513	16744	2027	127
2	95	6	67909	95304	2723	240
2	96	0	50665	29129	2061	143
2	96	6	63234	25801	2620	135
2	97	0	61832	26035	2484	149
2	97	6	56528	17708	2423	119
2	98	0	33602	19754	1574	122
2	98	6	279491	30137	6297	189
2	99	0	48657	19921	2142	136
2	99	6	25464	28057	1413	158
2	100	0	36715	21617	1766	138
2	100	6	85607	30574	3101	167
2	101	0	81742	41121	2941	172
2	102	6	70819	31669	2992	169
2	102	0	54499	23708	2374	138
2	102	3	96861	39704	3640	146
2	102	6	43489	25976	1925	129
2	102	9	54578	27163	2387	131
2	103	0	45316	24887	2112	120
2	103	3	52222	22639	2226	127
2	103	6	70060	20442	2436	133
2	103	9	49507	20909	2191	125
2	104	0	68941	12090	2724	105
2	104	6	45477	19621	2053	138
2	105	0	57512	18880	2855	134

