

Supplemental table 1

Bacteria id		OTUs						
		day0	day3	day6	day9	day12	day15	day18
1	<i>Streptococcus sp.</i>	26490.667	32371.8	19760	34762.5	15.25	13.25	5777.8
2	<i>Lactobacillus salivarius</i>	18821.333	48563.4	54225	44381.5	49990	49326	21435.4
3	<i>Cutibacterium acnes</i>	736.333	15.2	3.75	0	2	4.25	1.2
4	<i>Lactobacillus sp.</i>	303.333	89.8	86.75	42.5	1.75	13	38.2
5	<i>Staphylococcus sp.</i>	239.333	55.6	1103.75	3.5	31.75	114	10.6
7	<i>Bosea vestrisii</i>	176.667	7.6	0	9	27	20.75	3.2
10	<i>Anoxybacillus flavithermus</i>	103.333	0	0	0	0	0	0
11	<i>Sphingomonas sp.</i>	86	2.4	0	0	15	0	3
13	<i>Bacteroides heparinolyticus</i>	85.667	29.6	30.25	12	12.5	6	4.2
14	<i>Flavitalea sp._HMT_320</i>	76.333	0	0	0	0	0	0
16	<i>Lawsonella clevelandensis</i>	53	0	0	0	0	0	0
17	<i>Bacteroides pyogenes</i>	52	240.2	123	611.5	11.25	0	20.2
19	<i>Corynebacterium tuberculostearicum</i>	47.667	1.6	0	0	0	0	0
20	<i>Bacteroides sp.</i>	42.333	1	6.25	0	3.75	3.75	0
21	<i>Corynebacterium sp.</i>	34	1.8	0	0	0	0	0
23	<i>Paenibacillus gluconolyticus</i>	30.667	0	0	0	0	0	0
25	<i>Bifidobacterium sp.</i>	30.333	27.6	21.75	1885.5	0	17.75	860
26	<i>Turicella otitidis</i>	26	0.8	0	0	0	0	0
27	<i>Enterococcus sp.</i>	25.333	24349.6	30914.5	2747.5	20409.3	11032	5676.8
28	<i>Bacillus anthracis</i>	24	98.6	68.5	14	1	0	0
29	<i>Lactobacillus gasseri</i>	23.333	22.4	15.25	0	0	0	4
30	<i>Lysinibacillus fusiformis</i>	21.667	0	0	0	0	0	0
31	<i>Bifidobacterium animalis</i>	21.333	11	3.25	0	0	2.5	4.6
33	<i>Lachnoanaerobaculum sp.</i>	19.333	0	0	0	0	0	0
36	<i>Olsenella sp.</i>	18.333	16.8	17.25	54	0	0	40.8
37	<i>Sphingomonas echinoides</i>	17.333	0	0	0	0	0	0
38	<i>Delftia acidovorans</i>	14.333	0	0	0	0	0	0
39	<i>Acinetobacter lwoffii</i>	14.333	0	1	8	1	0	0.8
41	<i>Sphingomonas sp._HMT_006</i>	13	0	0	0	0	0	0
42	<i>Prevotella sp.</i>	11.667	0	0	1	0	0	0
43	<i>Pseudomonas sp.</i>	10	1.2	1.25	6.5	0	0	0
44	<i>Escherichia coli</i>	9.333	45.8	1653.5	0	0	0	4675.2
45	<i>Shuttleworthia satelles</i>	8	0	0	0	0	0	0
46	<i>Bacteroidetes_[G-7] bacterium_HMT_911</i>	7.667	5	12.25	10.5	0	0	0
47	<i>Sphingomonas sp._HMT_004</i>	7.667	0	0	0	0	0	0
49	<i>Porphyromonas sp.</i>	7	4	0	18	0	0	0
50	<i>Lactobacillus iners</i>	7	0	0	0	0	0	0
51	<i>Arthrospira platensis</i>	6.667	0	0	0	0	0	0
52	<i>Peptoniphilus lacrimalis</i>	6.667	0	0	0	0	0	0

53	<i>Ruminococcaceae_[G-2] bacterium_HMT_085</i>	6.667	28	23.75	4	7.5	12	4
54	<i>Abiotrophia defectiva</i>	5.667	0	0	0	0	0	0
55	<i>Anaerococcus sp.</i>	5.667	0	0	0	0	0	0
56	<i>Parvimonas micra</i>	5.667	0	0	0	0	0	0
57	<i>Selenomonas sp.</i>	5.333	2.4	0	0	0	0	0
59	<i>Corynebacterium matruchotii</i>	5	0	0	0	0	0	0
60	<i>Brevibacterium paucivorans</i>	4.667	0	0	0	0	0	0
61	<i>Dolosigranulum pigrum</i>	4.667	0	0	0	0	0	0
62	<i>Clostridiales_[F-1][G-2] bacterium_HMT_402</i>	4.667	0	0	0	0	0	0
63	<i>Anaerococcus sp._HMT_294</i>	4.667	0	0	0	0	0	0
64	<i>Bergeyella sp._HMT_422</i>	4.333	0	0	0	0	0	0
65	<i>Bacillus subtilis</i>	4.333	0	0	0	0	0	0
67	<i>Megasphaera sp.</i>	4	0	0	0	0	0	0
68	<i>Cutibacterium granulosum</i>	3.667	0	0	0	0	0	0
69	<i>Lactococcus lactis</i>	3.667	0	0	0	0	0	0
72	<i>Fingoldia magna</i>	3.333	0	0	0	0	0	0
73	<i>Dialister invisus</i>	3.333	0	0	0	0	0	0
74	<i>Proteus mirabilis</i>	3.333	1003.4	12558.5	5316.5	7837.25	4975.25	2470.2
75	<i>Rothia dentocariosa</i>	3	0	0	0	0	0	0
76	<i>Porphyromonas uenonis</i>	3	0	0	0	0	0	0
77	<i>Eggerthia cateniformis</i>	3	47.4	0	0	0	11.25	26.2
78	<i>Roseomonas sp.</i>	3	0	0	0	0	0	0
79	<i>Eggerthella lenta</i>	2.667	39.8	86.25	0	46	29.75	30
80	<i>Lachnospiraceae_[G-2] sp.</i>	2.667	4	0	0	0	0	0
81	<i>Peptostreptococcaceae_[XI][G-3] bacterium_HMT_495</i>	2.667	0	0	0	0	0	0
84	<i>Veillonella sp.</i>	2.667	0	0	0	0	0	0
85	<i>Peptidiphaga sp._HMT_183</i>	2.333	0	0	0	0	0	0
86	<i>Pedobacter sp.</i>	2.333	0	0	0	0	0	0
87	<i>Fastidiosipila sanguinis</i>	2.333	5.8	0	0	4.5	3.75	0
88	<i>Fusobacterium gonidiaformans</i>	2.333	0	0	0	0	0	0
89	<i>Agrobacterium tumefaciens</i>	2.333	0	0	0	0	2.5	0
90	<i>Desulfovibrio fairfieldensis</i>	2.333	0	1	7	0	0	0.6
91	<i>Lactobacillus fermentum</i>	2	0	0	0	0	0	0
92	<i>Clostridiales_[F-3][G-1] bacterium_HMT_876</i>	2	10.2	3.5	0	72	41.5	0
93	<i>Peptostreptococcus sp.</i>	2	0	0	0	0	0	0
94	<i>Leptothrix sp._HMT_266</i>	2	0	0	0	0	0	0
95	<i>Actinomyces sp.</i>	1.667	0	0	0	0	0	0
97	<i>Micrococcus luteus</i>	1.667	0	0	0	0	0	0
98	<i>Corynebacterium kroppenstedtii</i>	1.667	0	0	0	0	0	0
100	<i>Paracoccus yeei</i>	1.667	0.8	0	0	0	0	0
101	<i>Comamonas testosteroni</i>	1.667	0	0	0	0	0	0
103	<i>Dermabacter hominis</i>	1.333	0	0	0	0	0	0
104	<i>Alloprevotella sp.</i>	1.333	0	0	0	0	0	0

105	<i>Johnsonella ignava</i>	1.333	0	0	0	3	0	0
107	<i>Ralstonia sp._HMT_406</i>	1.333	0	0	0	0	0	0
109	<i>Stenotrophomonas sp.</i>	1.333	0	0	0	0	0	0
110	<i>Prevotella intermedia</i>	1	0	0	0	0	0	0
111	<i>Capnocytophaga sp.</i>	1	0	0	0	0	0	0
112	<i>Capnocytophaga sputigena</i>	1	0	0	0	0	0	0
113	<i>Catonella sp.</i>	1	0	0	0	0	0	0
115	<i>Alloprevotella sp._HMT_914</i>	0.667	0	0	0	0	0	0
117	<i>Moraxella osloensis</i>	0.667	0	0	0	0	0	0
119	<i>Cryptobacterium curtum</i>	0	0	0	12.5	0	0	0
120	<i>Bacteroidaceae_[G-1] bacterium_HMT_272</i>	0	0	0	0	0	0	2.6
121	<i>Tannerella sp.</i>	0	955.4	271.5	20.5	27	152	4.4
122	<i>Bergeyella sp.</i>	0	1	0	0	0	0	0
123	<i>Listeria monocytogenes</i>	0	0	0	0	0	0	0
124	<i>Pseudoramibacter alactolyticus</i>	0	4.2	0	0	2.25	1.75	0.6
125	<i>Lachnospiraceae_[G-2] bacterium_HMT_088</i>	0	4.6	0	9	0	0	0
126	<i>Peptostreptococcaceae_[XI][G-1] infirmum</i>	0	0	0	0	0	0	1.8
127	<i>Peptostreptococcus anaerobius</i>	0	6	100.5	0	35.75	53.75	0
128	<i>Ruminococcaceae_[G-1] bacterium_HMT_075</i>	0	0.8	0	0	0	0	0
129	<i>Erysipelothrix tonsillarum</i>	0	0	1.75	0	0	0	0
130	<i>Veillonella dispar</i>	0	1.2	0	0	0	0	0
131	<i>Brevundimonas diminuta</i>	0	2	0	0	0	0	0
132	<i>Ochrobactrum anthropi</i>	0	1	0	0	0	0	0
133	<i>Achromobacter xylosoxidans</i>	0	0	0	0	0	2	0
134	<i>Variovorax paradoxus</i>	0	0	1.25	0	0	0	0
135	<i>Eikenella corrodens</i>	0	1.2	0	0	0	0	0
136	<i>Neisseria sp.</i>	0	1.2	0	0	0	0	0
138	<i>Haemophilus sp.</i>	0	1.4	0	0	0	0	0
139	<i>Haemophilus parainfluenzae</i>	0	2.2	0	0	0	0	0
140	<i>Pseudomonas aeruginosa</i>	0	0	0	0	0	0	0
141	<i>Pseudomonas stutzeri</i>	0	0.6	0	0	0	0	2