

PHYLUM

Bacterial group	Day 0		Day 7		Day 21		Day 42		Day 0 vs Day 7 vs Day 21 vs Day 42	
	Median	Range	Median	Range	Median	Range	Median	Range	P value	Q value
Actinobacteria	1.21	0.58-2.38	2.08	0.46-3.94	1.43	0.19-5.43	1.87	0.38-4	0.3916	0.4895
Bacteroidetes	30.28	7.69-44.94	17.63	1.01-43.57	20.33	0.4-47.76	17.62	0.89-32.94	0.1116	0.36175
Firmicutes	48.19	20.91-80.31	62.77	30.55-92.35	63.35	25.98-83.58	65.93	42.47-75.26	0.3273	0.4895
Fusobacteria	13.57	5.21-32.62	11.39	2.26-30.43	13.09	2.15-26.04	13.06	3.24-29.49	0.5222	0.5222
Proteobacteria	5.28	1.45-10.99	5.35	1.24-7.76	7.8	1.55-13.68	4.94	0.98-16.75	0.1447	0.36175

CLASS

Bacterial group	Day 0		Day 7		Day 21		Day 42		Day 0 vs Day 7 vs Day 21 vs Day 42	
	Median	Range	Median	Range	Median	Range	Median	Range	P value	Q value
Actinobacteria	0.08	0-0.19	0.14	0-0.23	0.07	0-0.58	0.06	0-0.38	0.7969	0.885444
Coriobacteriia	1.2	0.44-2.38	1.96	0.46-3.8	1.35	0.19-4.85	1.73	0-4	0.5222	0.885444
Bacteroidia	30.28	7.69-44.94	17.63	1.01-43.57	20.33	0.4-47.76	17.62	0.89-32.94	0.1116	0.558
Bacilli	0.96	0.71-22.97	1.08	0.6-4.06	1.55	0.58-13.12	1.86	0.6-24.12	0.7892	0.885444
Clostridia	40.83	20.13-71.64	60.93	27.96-84.7	54.7	24.77-78.37	54.35	40.82-67.27	0.2898	0.885444
Erysipelotrichi	1.03	0-7.92	1.2	0.35-6.88	0.34	0-3.19	0.99	0.03-7.05	0.5828	0.885444
Fusobacteriia	13.57	5.21-32.62	11.39	2.26-30.43	13.09	2.15-26.04	13.06	3.24-29.49	0.5222	0.885444
Betaproteobacteria	1.9	0.18-5.18	0.97	0.18-6.08	0.81	0.28-7.44	0.41	0.28-1.96	0.0841	0.558
Epsilonproteobacteria	0.14	0-3.58	0.15	0-0.86	0.29	0.06-1.36	0.25	0-2.24	0.9203	0.9203
Gammaproteobacteria	1.89	0.61-5.74	1.3	0.77-4.49	3.97	0.66-13.25	2.16	0.45-16.17	0.7892	0.885444

ORDER

Bacterial group	Day 0		Day 7		Day 21		Day 42		Day 0 vs Day 7 vs Day 21 vs Day 42	
	Median	Range	Median	Range	Median	Range	Median	Range	P value	Q value

Bifidobacteriales	0.08	0-0.19	0.07	0-0.21	0	0-0.58	0.06	0-0.38	0.8423	0.9203
Coriobacteriales	1.2	0.44-2.38	1.96	0.46-3.8	1.35	0.19-4.85	1.73	0-4	0.5222	0.9203
Bacteroidales	30.28	7.69-44.94	17.63	1.01-43.57	20.33	0.4-47.76	17.62	0.89-32.94	0.1116	0.6696
Lactobacillales	0.76	0.62-11.17	0.94	0.6-1.65	0.82	0.58-12.93	1.4	0.58-23.89	0.7173	0.9203
Turicibacterales	0.19	0-18.99	0.1	0-2.55	0.18	0-5.44	0.18	0-6.03	0.5566	0.9203
Clostridiales	40.83	20.13-71.64	60.93	27.96-84.7	54.7	24.77-78.37	54.35	40.82-67.27	0.2898	0.9203
Erysipelotrichales	1.03	0-7.92	1.2	0.35-6.88	0.34	0-3.19	0.99	0.03-7.05	0.5828	0.9203
Fusobacteriales	13.57	5.21-32.62	11.39	2.26-30.43	13.09	2.15-26.04	13.06	3.24-29.49	0.5222	0.9203
Burkholderiales	1.9	0.18-5.18	0.97	0.18-6.08	0.81	0.28-7.44	0.41	0.28-1.96	0.0841	0.6696
Campylobacteriales	0.14	0-3.58	0.15	0-0.86	0.29	0.06-1.36	0.25	0-2.24	0.9203	0.9203
Aeromonadales	0.09	0-1.77	0.06	0-3.61	0.07	0-6.56	0.07	0-3.13	0.8887	0.9203
Enterobacteriales	0.75	0.51-5.62	0.9	0.39-4.44	1.44	0.49-13.25	0.88	0.12-16	0.7892	0.9203

FAMILY

Bacterial group	Day 0		Day 7		Day 21		Day 42		Day 0 vs Day 7 vs Day 21 vs Day 42	
	Median	Range	Median	Range	Median	Range	Median	Range	P value	Q value
Bifidobacteriaceae	0.08	0-0.19	0.07	0-0.21	0	0-0.58	0.06	0-0.38	0.8423	0.922519
Coriobacteriaceae	1.2	0.44-2.38	1.96	0.46-3.8	1.35	0.19-4.85	1.73	0-4	0.5222	0.788494
Bacteroidaceae	27.74	5.3-31.35	10.33	1.01-26.21	20.05	0.32-42.75	14.66	0.79-28.87	0.2561	0.736288
Prevotellaceae	0.61	0-9.45	0.12	0-17.75	0.11	0.07-0.45	0.12	0-4.01	0.1975	0.648929
[Paraprevotellaceae]	1.86	0-8.66	0.45	0-17.2	0.14	0-5.88	0.2	0-3.82	0.3189	0.7567
Enterococcaceae	0.25	0.2-10.11	0.27	0.22-0.37	0.26	0.2-1.99	0.29	0.18-1.17	0.7793	0.914365
Lactobacillaceae	0.1	0-0.41	0.18	0-0.34	0.07	0-10.16	0.15	0-21.28	0.5566	0.788494
Streptococcaceae	0.5	0.34-0.6	0.47	0.37-1.16	0.47	0.34-0.77	0.58	0.37-1.84	0.5222	0.788494
Turicibacteraceae	0.19	0-18.99	0.1	0-2.55	0.18	0-5.44	0.18	0-6.03	0.5566	0.788494
o_Clostridiales;f__	0.2	0-3.17	0.28	0-1.57	0.2	0-1.76	0.28	0-1.42	0.9651	0.9651
Clostridiaceae	9.11	1.98-24.95	13.93	4.49-36.01	17.93	2.88-62.04	17.91	4.88-41.14	0.1755	0.648929
Lachnospiraceae	14.94 ^a	2.5-49.24	32.9 ^a	8.8-43.95	20.26 ^a	7.24-29.74	23.93 ^a	15.64-39.78	0.0411	0.57845
Peptococcaceae	0	0-0	0	0-0.05	0.01	0-0.19	0	0-0.88	0.1299	0.648929
Peptostreptococcaceae	0.05	0-0.36	0	0-1.34	0.07	0-9	0	0-11.15	0.329	0.7567
Ruminococcaceae	1.7	0.18-11.24	2.64	0.59-11.06	2.45	0.12-7.41	1.94	0.27-11.26	0.3916	0.788494
Veillonellaceae	5.53	0.85-15.47	3.5	1.56-23.95	1.54	0.42-15.06	2.97	0.6-18.93	0.0503	0.57845

Erysipelotrichaceae	1.03	0-7.92	1.2	0.35-6.88	0.34	0-3.19	0.99	0.03-7.05	0.5828	0.788494
Fusobacteriaceae	13.57	5.21-32.62	11.39	2.26-30.43	13.09	2.15-26.04	13.06	3.24-29.49	0.5222	0.788494
Alcaligenaceae	1.9	0.18-5.18	0.97	0.18-6.08	0.81	0.28-7.44	0.41	0.28-1.96	0.0841	0.644767
Campylobacteraceae	0.01	0-0.64	0	0-0	0	0-0.11	0	0-1.46	0.1439	0.648929
Helicobacteraceae	0.14	0-3.39	0.15	0-0.86	0.29	0.06-1.36	0.25	0-1.4	0.7951	0.914365
Succinivibrionaceae	0.09	0-1.77	0.06	0-3.61	0.07	0-6.56	0.07	0-3.13	0.8887	0.929095
Enterobacteriaceae	0.75	0.51-5.62	0.9	0.39-4.44	1.44	0.49-13.25	0.88	0.12-16	0.7892	0.914365

GENUS

Bacterial group	Day 0		Day 7		Day 21		Day 42		Day 0 vs Day 7 vs Day 21 vs Day 42	
	Median	Range	Median	Range	Median	Range	Median	Range	P value	Q value
Bifidobacterium	0.08	0-0.19	0.07	0-0.21	0	0-0.58	0.06	0-0.38	0.8423	0.912071
Collinsella	1.11	0.44-1.92	1.89	0.46-3.49	1.2	0.19-4.85	1.7	0-4	0.4153	0.801504
Slackia	0.01	0-0.46	0	0-0.34	0	0-0.31	0.02	0-0.17	0.4531	0.801504
Bacteroides	27.74	5.3-31.35	10.33	0.99-26.21	20.04	0.32-42.75	14.66	0.79-28.87	0.2561	0.801504
Prevotella	0.61	0-9.45	0.12	0-17.75	0.11	0.07-0.45	0.12	0-4.01	0.1975	0.79
[Prevotella]	1.86	0-8.66	0.45	0-17.2	0.14	0-5.88	0.2	0-3.82	0.3189	0.801504
Enterococcus	0.25	0.2-10.11	0.27	0.22-0.37	0.26	0.2-1.99	0.29	0.18-1.17	0.7793	0.912071
Lactobacillus	0.1	0-0.41	0.18	0-0.34	0.07	0-10.16	0.15	0-21.28	0.5566	0.801504
Streptococcus	0.5	0.34-0.55	0.47	0.37-1.16	0.46	0.34-0.77	0.55	0.37-1.84	0.4153	0.801504
Turicibacter	0.19	0-18.99	0.1	0-2.55	0.18	0-5.44	0.18	0-6.03	0.5566	0.801504
o__Clostridiales;f__g__	0.2	0-3.17	0.28	0-1.57	0.2	0-1.76	0.28	0-1.42	0.9651	0.9651
f__Clostridiaceae;__	7.8	1.98-22.59	13.62	4.34-34.39	16.32	2.71-36.4	15.05	4.65-30.94	0.1544	0.79
f__Clostridiaceae;g__	0.22	0-0.76	0.39	0.06-1.62	0.96	0-24.08	0.35	0-9.7	0.1628	0.79
Clostridium	0	0-1.53	0.14	0-2.5	0.25	0-2.87	0.12	0-5	0.6766	0.877243
f__Lachnospiraceae;__	4.53	0.36-32.43	8.9	1.8-20.18	7.25	0.96-18.15	6.58	3.54-14.32	0.6823	0.877243
f__Lachnospiraceae;g__	1.44	0.42-6.46	2.05	0.51-3.19	1.32	0-2.93	1.51	0.18-2.05	0.4663	0.801504
Blautia	5.92	0.42-11.12	7.14	1.78-14.71	4.8	1.68-11.43	6.03	2.28-9.89	0.3273	0.801504
Dorea	0.12	0-1.33	0	0-0.38	0.06	0-0.75	0	0-1.01	0.9228	0.949166
[Ruminococcus]	3.18	0.88-7.3	8.24	1.77-14.84	3.62	1.96-8.34	8.53	2.81-15.7	0.0703	0.79
Peptococcus	0	0-0	0	0-0.05	0.01	0-0.19	0	0-0.88	0.1299	0.79
f__Peptostreptococcaceae;g__	0.05	0-0.36	0	0-1.34	0.07	0-8.99	0	0-11.15	0.329	0.801504

f__Ruminococcaceae;g__	0.6	0.06-1.55	0.91	0-1.93	0.62	0-1.64	0.44	0-1.28	0.2561	0.801504
Faecalibacterium	1.09	0.12-9.69	1.75	0.33-9.31	1.71	0-5.93	1.05	0.14-9.44	0.8614	0.912071
Ruminococcus	0	0-0.18	0.02	0-0.37	0	0-0.14	0.01	0-0.1	0.4668	0.801504
Megamonas	5.26 ^a	0.58-15.36	3.39 ^{a,b}	1.12-20.22	1.22 ^b	0.32-13.44	1.68 ^{a,b}	0.54-18.93	0.0239	0.79
Phascolarctobacterium	0.43	0-1.59	0.35	0.05-3.58	0.24	0-1.63	0.18	0-1.23	0.3578	0.801504
f__Erysipelotrichaceae;g__	0.24	0-3.93	0.29	0-0.87	0.05	0-2.23	0.1	0-5.4	0.8145	0.912071
Allobaculum	0.1	0-0.58	0.05	0-4.28	0.05	0-0.3	0.17	0-1.29	0.5363	0.801504
Catenibacterium	0.31	0-1.57	0.22	0-1.19	0.05	0-0.19	0.12	0-1.35	0.5931	0.821215
[Eubacterium]	0.22	0-2.33	0.52	0.1-1.35	0.17	0-0.66	0.29	0.03-1.24	0.1975	0.79
Fusobacterium	13.51	5.21-32.62	11.39	2.26-30.43	13.09	2.15-26.04	13.06	3.24-29.49	0.5222	0.801504
Sutterella	1.9	0.18-5.18	0.97	0.18-6.08	0.81	0.28-7.44	0.41	0.28-1.96	0.0841	0.79
Campylobacter	0.01	0-0.64	0	0-0	0	0-0.11	0	0-1.46	0.1439	0.79
Helicobacter	0.14	0-3.39	0.15	0-0.86	0.29	0.06-1.36	0.25	0-1.4	0.7951	0.912071
f__Succinivibrionaceae;g__	0	0-1.54	0.03	0-3.09	0.04	0-6.22	0.02	0-0.79	0.4914	0.801504
f__Enterobacteriaceae;g__	0.75	0.51-5.62	0.9	0.39-4.44	1.44	0.49-13.25	0.88	0.12-16	0.7892	0.912071

SPECIES

Bacterial group	Day 0		Day 7		Day 21		Day 42		Day 0 vs Day 7 vs Day 21 vs Day 42	
	Median	Range	Median	Range	Median	Range	Median	Range	P value	Q value
g__Bifidobacterium;s__	0.01	0-0.19	0	0-0.21	0	0-0.58	0.06	0-0.38	0.3194	0.732653
Collinsella stercoris	1.11	0.44-1.92	1.89	0.46-3.49	1.2	0.19-4.85	1.7	0-4	0.4153	0.732653
g__Slackia;s__	0.01	0-0.46	0	0-0.34	0	0-0.31	0.02	0-0.17	0.4531	0.732653
g__Bacteroides;__	9.41	2.34-23.44	4.65	0.51-13.72	9.74	0.23-28.67	6.49	0.2-18.78	0.5828	0.732653
g__Bacteroides;s__	7.11	1.75-16.5	3.22	0.27-18.35	4.58	0.08-19.6	3.28	0.4-14.01	0.1447	0.68376
Bacteroides plebeius	2.42	0.16-10.49	1.25	0-10.34	1.98	0-8.93	0.69	0-7.21	0.5856	0.732653
Prevotella copri	0.61	0-9.45	0.12	0-17.75	0.11	0.07-0.45	0.12	0-4.01	0.1975	0.732653
g__[Prevotella];s__	1.86	0-8.66	0.45	0-17.2	0.14	0-5.88	0.2	0-3.82	0.3189	0.732653
g__Enterococcus;s__	0.25	0.2-10.11	0.27	0.22-0.37	0.26	0.2-1.99	0.29	0.18-1.17	0.7793	0.895849
g__Lactobacillus;s__	0.1	0-0.41	0.18	0-0.34	0.07	0-10.16	0.15	0-21.28	0.5566	0.732653
g__Streptococcus;s__	0.5	0.34-0.55	0.47	0.37-1.16	0.46	0.34-0.77	0.55	0.37-1.84	0.4153	0.732653
g__Turicibacter;s__	0.19	0-18.99	0.1	0-2.55	0.18	0-5.44	0.18	0-6.03	0.5566	0.732653
o__Clostridiales;f__;g__;s__	0.2	0-3.17	0.28	0-1.57	0.2	0-1.76	0.28	0-1.42	0.9651	0.9651

f__Clostridiaceae;__;__	7.8	1.98-22.59	13.62	4.34-34.39	16.32	2.71-36.4	15.05	4.65-30.94	0.1544	0.68376
f__Clostridiaceae;g__;s__	0.22	0-0.76	0.39	0.06-1.62	0.96	0-24.08	0.35	0-9.7	0.1628	0.68376
Clostridium perfringens	0	0-0.92	0	0-2.5	0	0-1.29	0.06	0-3.15	0.4402	0.732653
f__Lachnospiraceae;__;__	4.53	0.36-32.43	8.9	1.8-20.18	7.25	0.96-18.15	6.58	3.54-14.32	0.6823	0.81876
f__Lachnospiraceae;g__;s__	1.44	0.42-6.46	2.05	0.51-3.19	1.32	0-2.93	1.51	0.18-2.05	0.4663	0.732653
g__Blautia;s__	2.04 ^{a,b}	0-6.07	2.05 ^a	0.4-8.43	1.02 ^b	0-3.76	1.08 ^{a,b}	0.29-4.73	0.0239	0.4102
Blautia producta	3.73	0.42-8.17	5.24	1.32-8.07	3.3	1.33-7.66	4.66	1.83-7.63	0.4153	0.732653
g__Dorea;s__	0.12	0-1.33	0	0-0.38	0.06	0-0.75	0	0-1.01	0.9228	0.9651
g__[Ruminococcus];__	0.22	0-2.2	0.03	0-6.97	0.03	0-1.02	0.01	0-9.8	0.3439	0.732653
g__[Ruminococcus];s__	0.24	0-1.68	0.66	0.08-6.2	0.25	0-1.1	0.39	0-1.07	0.2344	0.732653
[Ruminococcus] gnavus	2.42 ^a	0.79-5.61	4.48 ^a	1.4-13.25	3.23 ^a	1.69-8.17	7.39 ^a	2.01-9.71	0.0471	0.49455
g__Peptococcus;s__	0	0-0	0	0-0.05	0.01	0-0.19	0	0-0.88	0.1299	0.68376
f__Peptostreptococcaceae;g__;s__	0.05	0-0.36	0	0-1.34	0.07	0-8.99	0	0-11.15	0.329	0.732653
f__Ruminococcaceae;g__;s__	0.6	0.06-1.55	0.91	0-1.93	0.62	0-1.64	0.44	0-1.28	0.2561	0.732653
Faecalibacterium prausnitzii	1.09	0.12-9.69	1.75	0.33-9.31	1.71	0-5.93	1.05	0.14-9.44	0.8614	0.927662
g__Ruminococcus;s__	0	0-0.18	0.02	0-0.37	0	0-0.14	0.01	0-0.1	0.4668	0.732653
g__Megamonas;s__	5.26 ^a	0.58-15.36	3.39 ^{a,b}	1.12-20.22	1.22 ^b	0.32-13.44	1.68 ^{a,b}	0.54-18.93	0.0239	0.4102
g__Phascolarctobacterium;s__	0.43	0-1.59	0.35	0.05-3.58	0.24	0-1.63	0.18	0-1.23	0.3578	0.732653
f__Erysipelotrichaceae;g__;s__	0.24	0-3.93	0.29	0-0.87	0.05	0-2.23	0.1	0-5.4	0.8145	0.900237
g__Allobaculum;s__	0.1	0-0.58	0.05	0-4.28	0.05	0-0.3	0.17	0-1.29	0.5363	0.732653
g__Catenibacterium;s__	0.31	0-1.57	0.22	0-1.19	0.05	0-0.19	0.12	0-1.35	0.5931	0.732653
[Eubacterium] bifforme	0.12	0-2.33	0.07	0-1.07	0.06	0-0.27	0.08	0-1.2	0.4779	0.732653
[Eubacterium] dolichum	0.06 ^a	0-0.27	0.28 ^a	0-1.02	0.05 ^a	0-0.66	0.05 ^a	0-0.42	0.0293	0.4102
g__Fusobacterium;s__	13.51	5.21-32.62	11.39	2.26-30.43	13.09	2.15-26.04	13.06	3.24-29.49	0.5222	0.732653
g__Sutterella;s__	1.9	0.18-5.18	0.97	0.18-6.08	0.81	0.28-7.44	0.41	0.28-1.96	0.0841	0.68376
g__Campylobacter;s__	0.01	0-0.64	0	0-0	0	0-0.11	0	0-1.46	0.1439	0.68376
g__Helicobacter;s__	0.11	0-3.39	0.15	0-0.86	0.21	0-1.36	0.25	0-1.4	0.9484	0.9651
f__Succinivibrionaceae;g__;s__	0	0-1.54	0.03	0-3.09	0.04	0-6.22	0.02	0-0.79	0.4914	0.732653
f__Enterobacteriaceae;g__;s__	0.75	0.51-5.62	0.9	0.39-4.44	1.44	0.49-13.25	0.88	0.12-16	0.7892	0.895849