

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	1.06	0.19-2.89	1.18	0.8-1.62	1.33	0.1-3.49	1.34	0-8.84	0.5828	0.7285
Bacteroidetes	23.14	13.71-38.3	23.73	14.24-39.9	24.62	15.33-41.43	13	0.84-32.46	0.3691	0.692167
Firmicutes	48.1	17.83-67.01	56.1	48.27-61.94	50.66	15.5-60.42	70.44	34.07-95.27	0.4153	0.692167
Fusobacteria	14.98	8.68-36.44	10.95	0.67-22.15	11.47	4.27-38.48	9.6	1.01-14.72	0.0979	0.4895
Proteobacteria	5.45	4.14-21.13	5.17	3.45-13.5	5.74	1.67-17.79	4.58	0.76-24.16	0.9852	0.9852

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	0-0.15	0	0-0.21	0	0-0.4	0.02	0-4.99	0.2998	0.428286
Coriobacteriia	1	0.19-2.75	1.18	0.8-1.58	1.27	0.1-3.09	1.28	0-4.11	0.5828	0.647556
Bacteroidia	23.14	13.71-38.3	23.73	14.24-39.9	24.62	15.33-41.43	13	0.84-32.46	0.3691	0.461375
Bacilli	0.98	0.51-8.08	1.72	0.25-9.08	1.78	0.67-14.2	4.1	1.12-31.68	0.1191	0.397
Clostridia	45.16	16.93-59.11	50.55	44.28-57.19	43.9	14.79-55.89	55.58	29.54-85.45	0.7892	0.7892
Erysipelotrichi	0.9	0-3.05	1.66	0.45-2.98	1.31	0.03-4.11	1.75	0.88-4.02	0.2261	0.428286
Fusobacteriia	14.98	8.68-36.44	10.95	0.67-22.15	11.47	4.27-38.48	9.6	1.01-14.72	0.0979	0.397
Betaproteobacteria	3.29	0.99-5.62	1.92	0.76-3.63	1.59	0.72-4.27	0.58	0.13-3.36	0.0576	0.397
Epsilonproteobacteria	1.95	0.1-5	1.09	0.1-7.12	0.62	0-7.7	0.09	0-3.52	0.2174	0.428286
Gammaproteobacteria	0.64	0.08-14.55	1.49	0.49-7.26	1.92	0.62-14.19	1.62	0.48-18.99	0.2898	0.428286

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	0-0.15	0	0-0.21	0	0-0.4	0.01	0-4.96	0.4883	0.7425
Coriobacteriales	1	0.19-2.75	1.18	0.8-1.58	1.27	0.1-3.09	1.28	0-4.11	0.5828	0.777067
Bacteroidales	23.14	13.71-38.3	23.73	14.24-39.9	24.62	15.33-41.43	13	0.84-32.46	0.3691	0.7382
Lactobacillales	0.77	0.33-3.98	0.9	0.21-8.51	0.77	0.39-14.16	1	0.6-30.71	0.9852	0.9852
Turicibacterales	0.38	0.03-4.1	0.62	0.03-1.71	0.45	0-2.28	1.82	0.07-5.1	0.2561	0.61464
Clostridiales	45.16	16.93-59.11	50.55	44.28-57.19	43.9	14.79-55.89	55.58	29.54-85.45	0.7892	0.914618
Erysipelotrichales	0.9	0-3.05	1.66	0.45-2.98	1.31	0.03-4.11	1.75	0.88-4.02	0.2261	0.61464
Fusobacteriales	14.98	8.68-36.44	10.95	0.67-22.15	11.47	4.27-38.48	9.6	1.01-14.72	0.0979	0.5874
Burkholderiales	3.29	0.99-5.62	1.92	0.76-3.63	1.59	0.72-4.27	0.58	0.13-3.36	0.0576	0.5874
Campylobacteriales	1.95	0.1-5	1.09	0.1-7.12	0.62	0-7.7	0.09	0-3.52	0.2174	0.61464
Aeromonadales	0.05	0-14.46	0.13	0-6.76	0.05	0-13.28	0.07	0.02-18.58	0.8384	0.914618
Enterobacteriales	0.51	0.08-0.79	0.59	0.4-6.86	1.26	0.38-4.49	1.09	0.38-10.56	0.495	0.7425

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	0-0.15	0	0-0.21	0	0-0.4	0.01	0-4.96	0.4883	0.784929
Coriobacteriaceae	1	0.19-2.75	1.18	0.8-1.58	1.27	0.1-3.09	1.28	0-4.11	0.5828	0.854773
Bacteroidaceae	18.9	10.78-38.23	20.67	10.39-39.73	19.24	12.33-41.23	12.58	0.63-25.21	0.1191	0.52404
Porphyromonadaceae	0.02	0-2.62	0	0-2.39	0.01	0-1.34	0	0-1.35	0.2375	0.626022
Prevotellaceae	1.03	0-11.54	2.58	0-10.91	2.49	0-9.85	0.15	0-8.03	0.9637	0.9852
[Paraprevotellaceae]	0.23	0-3.63	0.5	0-4	0.96	0-3.7	0.07	0-4.36	0.761	0.984824
Enterococcaceae	0.21	0-0.69	0.24	0.21-8.14	0.23	0.16-0.51	0.27	0.11-14.27	0.9189	0.9852
Streptococcaceae	0.48	0.29-3.06	0.49	0-6.51	0.44	0.23-12.68	0.59	0.29-21.7	0.7222	0.984824
Turicibacteraceae	0.38	0.03-4.1	0.62	0.03-1.71	0.45	0-2.28	1.82	0.07-5.1	0.2561	0.626022
o__Clostridiales;f__	1.09 ^a	0.1-2.94	1.77 ^{a,b}	0.21-3.41	0.5 ^{a,b}	0-3.03	0.41 ^b	0-1.09	0.0059	0.1298
Clostridiaceae	7.36	3.95-19.29	9.59	3.65-14.8	8.78	3.75-16.53	8.55	4.12-43.89	0.8614	0.9852
Lachnospiraceae	19.39	10.13-32.62	25.34	8.74-33.42	19.97	7.14-24.64	19.71	13.05-47.17	0.2898	0.63756
Peptostreptococcaceae	0.11	0-0.68	0.11	0-0.58	0.63	0.12-3.24	0.53	0-8.27	0.2123	0.626022
Ruminococcaceae	4.18	0.23-10.02	4.99	1.11-10.2	2.1	0.14-9.02	3.92	0.48-7.1	0.3691	0.7382
Veillonellaceae	4.18	1.19-30.56	8.4	0.23-23.21	5.63	0.91-26.01	7.46	0.58-29.23	0.9852	0.9852
Erysipelotrichaceae	0.9	0-3.05	1.66	0.45-2.98	1.31	0.03-4.11	1.75	0.88-4.02	0.2261	0.626022

Fusobacteriaceae	14.98	8.68-36.44	10.95	0.67-22.15	11.47	4.27-38.48	9.6	1.01-14.72	0.0979	0.52404
Alcaligenaceae	3.29	0.99-5.62	1.92	0.76-3.63	1.59	0.72-4.27	0.58	0.13-3.36	0.0576	0.52404
Campylobacteraceae	0.47	0-2.24	0.05	0-1.56	0	0-0.71	0	0-0.71	0.1001	0.52404
Helicobacteraceae	0.52	0.04-4.87	0.15	0-7.12	0.59	0-7.08	0.09	0-3.52	0.4995	0.784929
Succinivibrionaceae	0.05	0-14.46	0.13	0-6.76	0.05	0-13.28	0.07	0.02-18.58	0.8384	0.9852
Enterobacteriaceae	0.51	0.08-0.79	0.59	0.4-6.86	1.26	0.38-4.49	1.09	0.38-10.56	0.495	0.784929

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	0-0.15	0	0-0.21	0	0-0.4	0.01	0-4.96	0.4883	0.787673
Collinsella	0.99	0.19-2.22	1.18	0.55-1.41	1.27	0.1-2.49	1.28	0-4.11	0.6823	0.913555
Slackia	0	0-0.53	0	0-0.2	0.01	0-0.6	0	0-0.02	0.416	0.776438
Bacteroides	18.9	10.78-38.23	20.66	10.39-39.73	19.21	12.33-41.23	12.58	0.63-25.21	0.1191	0.50102
Parabacteroides	0.02	0-2.62	0	0-2.39	0.01	0-1.34	0	0-1.35	0.2375	0.608594
Prevotella	1.03	0-11.54	2.58	0-10.91	2.49	0-9.85	0.15	0-8.03	0.9637	0.9852
[Prevotella]	0.23	0-3.62	0.5	0-4	0.96	0-3.7	0.07	0-4.35	0.7353	0.913555
Enterococcus	0.21	0-0.69	0.24	0.21-8.14	0.23	0.16-0.51	0.27	0.11-14.27	0.9189	0.9852
Streptococcus	0.48	0.29-3.06	0.49	0-6.51	0.44	0.23-12.68	0.59	0.29-21.67	0.7222	0.913555
Turicibacter	0.38	0.03-4.1	0.62	0.03-1.71	0.45	0-2.28	1.82	0.07-5.1	0.2561	0.617653
o__Clostridiales;f__g__	1.09^a	0.1-2.94	1.77^{a,b}	0.21-3.41	0.5^{a,b}	0-3.03	0.41^b	0-1.09	0.0059	0.2419
f__Clostridiaceae;__	6.75	3.67-18.77	7.54	3.65-14.22	7.59	1.94-15.23	7.9	3.71-43.19	0.8614	0.9852
f__Clostridiaceae;g__	0.38	0-0.89	0.42	0-1.89	0.7	0-1.8	0.42	0.19-1.34	0.7006	0.913555
Clostridium	0	0-0.19	0.16	0-1.18	0.19	0-2.03	0	0-4.56	0.5573	0.826004
f__Lachnospiraceae;__	4.81	1.76-10.04	7.01	1.51-20.03	4.29	2.85-8.39	4.68	1.55-31.71	0.8964	0.9852
f__Lachnospiraceae;g__	3.54	1.13-5.36	3.13	0.81-5.05	1.92	0.96-9.46	1.37	0.54-4.99	0.0803	0.50102
Blautia	4.67	2.16-13.73	6.92	4.69-10.77	7.85	0.99-13.41	9.6	3.15-18.4	0.1993	0.586027
Coprococcus	0	0-0.35	0.1	0-0.56	0	0-0.4	0	0-0.17	0.0803	0.50102
Dorea	0.9	0-2.86	1.23	0-2.93	0.28	0-2.37	0.16	0-3.47	0.4281	0.776438
Roseburia	0.05	0-0.5	0.04	0-1.05	0	0-0.72	0	0-1.66	0.9469	0.9852
[Ruminococcus]	2.95	0.34-7.17	2.31	1.15-5.35	2.65	0.22-5.17	2.91	0.33-4.97	0.7892	0.951682
f__Peptostreptococcaceae;g__	0.11	0-0.4	0.05	0-0.58	0.55	0-3.24	0.53	0-5.15	0.2085	0.586027

f__Ruminococcaceae;g__	0.74	0.08-3.52	0.75	0.1-2.38	0.56	0-3.54	0.81	0-4.22	0.204	0.586027
Faecalibacterium	3.18	0.15-5.65	3.28	0.71-9.05	1.66	0.14-6.02	1.51	0.28-5.73	0.4402	0.776438
Oscillospira	0.02	0-0.79	0.04	0-0.25	0	0-0.59	0	0-0.15	0.4318	0.776438
Ruminococcus	0.06	0-0.19	0.06	0-0.39	0.09	0-0.65	0.05	0-0.16	0.1077	0.50102
Megamonas	2.88	0.52-29.31	7.29	0.23-21.41	4.93	0.52-25.91	6.51	0.38-29.17	0.9852	0.9852
Phascolarctobacterium	0.54	0-1.35	1.11	0-2.29	0.46	0-1.41	0.1	0-1.86	0.5641	0.826004
f__Erysipelotrichaceae;g__	0.13	0-1.44	0.36	0-2.02	0.11	0.02-2.3	0.35	0-0.97	0.6182	0.874007
Allobaculum	0.03	0-0.18	0.06	0-0.28	0.05	0-0.25	0.01	0-0.6	0.4394	0.776438
Catenibacterium	0.19	0-2.63	0.06	0-2.26	0.36	0-0.99	0.27	0-2.61	0.8866	0.9852
[Eubacterium]	0.17 ^a	0-0.67	0.28 ^{a,b}	0.06-0.96	0.19 ^{a,b}	0-1.7	0.64 ^b	0.23-1.51	0.0273	0.50102
Cetobacterium	0.04	0-0.14	0	0-0.17	0	0-0.19	0	0-0.07	0.4367	0.776438
Fusobacterium	14.89	8.68-36.3	10.9	0.67-21.98	11.47	4.27-38.29	9.6	1.01-14.72	0.0979	0.50102
Sutterella	3.29	0.99-5.62	1.92	0.76-3.63	1.59	0.72-4.27	0.58	0.13-3.36	0.0576	0.50102
Campylobacter	0.47	0-2.24	0.05	0-1.56	0	0-0.71	0	0-0.71	0.1001	0.50102
Helicobacter	0.52	0.04-4.87	0.15	0-7.12	0.59	0-7.08	0.09	0-3.52	0.4995	0.787673
f__Succinivibrionaceae;__	0.02	0-0.47	0	0-0.76	0	0-1.55	0	0-3.88	0.4545	0.776438
f__Succinivibrionaceae;g__	0.02	0-13.93	0.07	0-6.7	0.05	0-11.63	0.06	0-14.68	0.2144	0.586027
Succinivibrio	0	0-0.31	0.03	0-0.11	0.01	0-0.16	0	0-0.03	0.1222	0.50102
f__Enterobacteriaceae;g__	0.51	0.08-0.79	0.59	0.4-6.86	1.18	0.38-4.49	1.09	0.38-10.56	0.1852	0.586027

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	0-0.15	0	0-0.18	0	0-0.4	0.01	0-4.96	0.2156	0.598889
Collinsella stercoris	0.99	0.19-2.09	1.11	0.55-1.41	1.27	0.1-2.26	1.28	0-4.11	0.9297	0.983367
g__Slackia;s__	0	0-0.53	0	0-0.2	0.01	0-0.6	0	0-0.02	0.416	0.783621
g__Bacteroides;__	5.76	2.75-16.62	5.36	3.2-10.49	6.21	3.58-18.91	5.08	0-8.2	0.5828	0.88303
g__Bacteroides;s__	8.55	1.86-18.36	6.9	3.21-20.44	10.34	1.84-28.55	3.24	0.23-12.98	0.6481	0.900139
Bacteroides fragilis	0 ^a	0-0.1	0.05 ^a	0-0.42	0.13 ^a	0-0.29	0 ^a	0-0.12	0.0186	0.465
Bacteroides plebeius	3	0.24-10.94	3.8	0.18-10.16	3.45	0.2-6.7	0.75	0.1-7.89	0.1357	0.565417
Bacteroides uniformis	0 ^a	0-1.22	0.07 ^a	0-15.84	0 ^a	0-5.39	0 ^a	0-0.46	0.0471	0.5385

g__Parabacteroides;s__	0.01	0-2.62	0	0-2.02	0.01	0-1.34	0	0-1.24	0.5118	0.825484
Prevotella copri	1.03	0-11.54	2.58	0-10.91	2.49	0-9.85	0.15	0-8.03	0.9637	0.983367
g__[Prevotella];s__	0.23	0-3.62	0.5	0-4	0.96	0-3.7	0.07	0-4.35	0.7353	0.942692
g__Enterococcus;s__	0.21	0-0.69	0.24	0.21-8.14	0.23	0.16-0.51	0.27	0.11-14.27	0.9189	0.983367
g__Streptococcus;s__	0.48	0.29-3.06	0.49	0-6.51	0.44	0.23-12.68	0.59	0.29-21.67	0.7222	0.942692
g__Turicibacter;s__	0.38	0.03-4.1	0.62	0.03-1.71	0.45	0-2.28	1.82	0.07-5.1	0.2561	0.673947
o__Clostridiales;f__;g__;s__	1.09^a	0.1-2.94	1.77^{a,b}	0.21-3.41	0.5^{a,b}	0-3.03	0.41^b	0-1.09	0.0059	0.295
f__Clostridiaceae;__;s__	6.75	3.67-18.77	7.54	3.65-14.22	7.59	1.94-15.23	7.9	3.71-43.19	0.8614	0.983367
f__Clostridiaceae;g__;s__	0.38	0-0.89	0.42	0-1.89	0.7	0-1.8	0.42	0.19-1.34	0.7006	0.942692
g__Clostridium;__	0	0-0.16	0	0-0.92	0.08	0-0.24	0	0-4.56	0.7885	0.983367
Clostridium perfringens	0	0-0.19	0	0-0.41	0.02	0-2.03	0	0-0.34	0.302	0.686364
f__Lachnospiraceae;__;s__	4.81	1.76-10.04	7.01	1.51-20.03	4.29	2.85-8.39	4.68	1.55-31.71	0.8964	0.983367
f__Lachnospiraceae;g__;s__	3.54	1.13-5.36	3.13	0.81-5.05	1.92	0.96-9.46	1.37	0.54-4.99	0.0803	0.5385
g__Blautia;s__	2.33	0.44-9.14	3.43	2.12-4.75	2.84	0-9.04	3.28	1.33-6.32	0.2898	0.686364
Blautia producta	2.89	1.72-5.86	3.96	2.57-7.14	3.86	0.99-6.82	5.1	1.82-15.56	0.2725	0.68125
g__Coprococcus;s__	0	0-0.35	0.1	0-0.56	0	0-0.4	0	0-0.17	0.0803	0.5385
g__Dorea;s__	0.9	0-2.86	1.23	0-2.93	0.28	0-2.37	0.16	0-3.47	0.4281	0.783621
g__Roseburia;s__	0.05	0-0.5	0.04	0-1.05	0	0-0.72	0	0-1.66	0.9469	0.983367
g__[Ruminococcus];__	0.16	0-3.83	0.08	0-3.44	0.02	0-0.89	0.03	0-1.14	0.8179	0.983367
g__[Ruminococcus];s__	0.53	0-1.42	0.55	0.2-1.77	0.39	0-1.61	0.31	0-2.41	0.635	0.900139
[Ruminococcus] gnavus	1.23	0-5.33	1.48	0.79-3.43	1.37	0-3.71	2.04	0-3.1	0.9297	0.983367
f__Peptostreptococcaceae;g__;s__	0.11	0-0.4	0.05	0-0.58	0.55	0-3.24	0.53	0-5.15	0.2085	0.598889
f__Ruminococcaceae;g__;s__	0.74	0.08-3.52	0.75	0.1-2.38	0.56	0-3.54	0.81	0-4.22	0.204	0.598889
Faecalibacterium prausnitzii	3.18	0.15-5.65	3.28	0.71-9.05	1.66	0.14-6.02	1.51	0.28-5.73	0.4402	0.783621
g__Oscillospira;s__	0.02	0-0.79	0.04	0-0.25	0	0-0.59	0	0-0.15	0.4318	0.783621
g__Ruminococcus;s__	0.06	0-0.19	0.06	0-0.39	0.09	0-0.65	0.05	0-0.16	0.1077	0.5385
g__Megamonas;s__	2.88	0.52-29.31	7.29	0.23-21.41	4.93	0.52-25.91	6.51	0.38-29.17	0.9852	0.9852
g__Phascolarctobacterium;s__	0.54	0-1.35	1.11	0-2.29	0.46	0-1.41	0.1	0-1.86	0.5641	0.881406
f__Erysipelotrichaceae;g__;s__	0.13	0-1.44	0.36	0-2.02	0.11	0.02-2.3	0.35	0-0.97	0.6182	0.900139
g__Allobaculum;s__	0.03	0-0.18	0.06	0-0.28	0.05	0-0.25	0.01	0-0.6	0.4394	0.783621
g__Catenibacterium;s__	0.19	0-2.63	0.06	0-2.26	0.36	0-0.99	0.27	0-2.61	0.8866	0.983367
[Eubacterium] bifforme	0.13^a	0-0.67	0.18^a	0-0.96	0.16^a	0-1.67	0.5^a	0-1.09	0.0469	0.5385
[Eubacterium] dolichum	0.01	0-0.1	0.07	0-0.15	0.04	0-0.06	0.04	0-0.98	0.2014	0.598889
Cetobacterium somerae	0.04	0-0.14	0	0-0.17	0	0-0.19	0	0-0.07	0.4367	0.783621

g__Fusobacterium;s__	14.89	8.68-36.3	10.9	0.67-21.98	11.47	4.27-38.29	9.6	1.01-14.72	0.0979	0.5385
g__Sutterella;s__	3.29	0.99-5.62	1.92	0.76-3.63	1.59	0.72-4.27	0.58	0.13-3.36	0.0576	0.5385
g__Campylobacter;s__	0.47	0-2.24	0.05	0-1.56	0	0-0.71	0	0-0.71	0.1001	0.5385
g__Helicobacter;s__	0.52	0.04-4.24	0.15	0-7.12	0.59	0-6.17	0.09	0-3.52	0.4995	0.825484
f__Succinivibrionaceae;__;__	0.02	0-0.47	0	0-0.76	0	0-1.55	0	0-3.88	0.4545	0.783621
f__Succinivibrionaceae;g__;s__	0.02	0-13.93	0.07	0-6.7	0.05	0-11.63	0.06	0-14.68	0.2144	0.598889
g__Succinivibrio;s__	0	0-0.31	0.03	0-0.11	0.01	0-0.16	0	0-0.03	0.1222	0.555455
f__Enterobacteriaceae;g__;s__	0.51	0.08-0.79	0.59	0.4-6.86	1.18	0.38-4.49	1.09	0.38-10.56	0.1852	0.598889