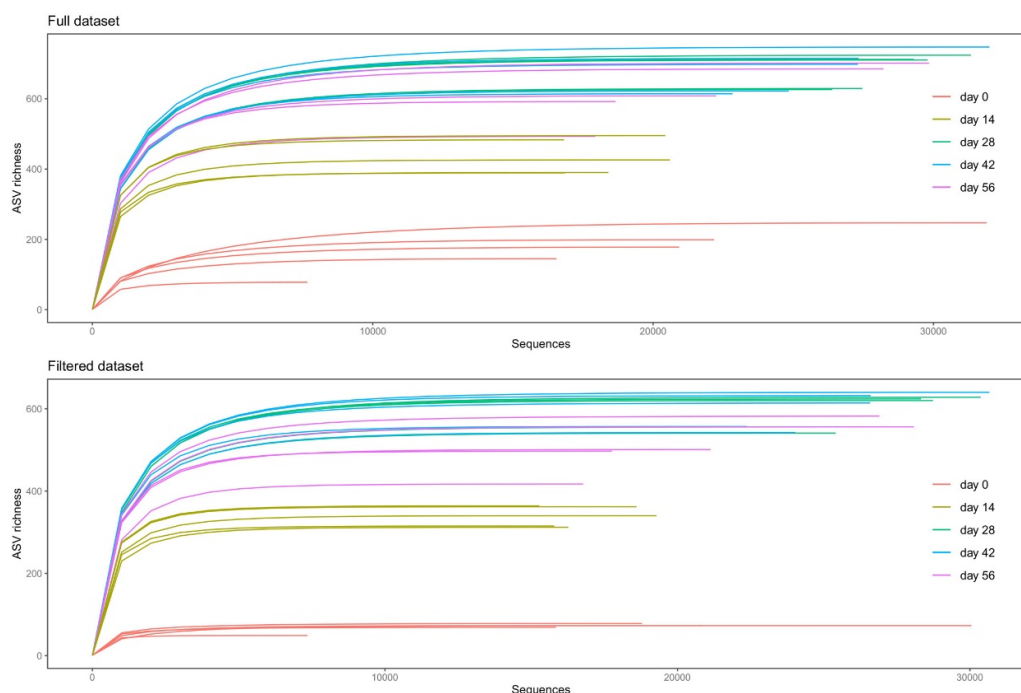
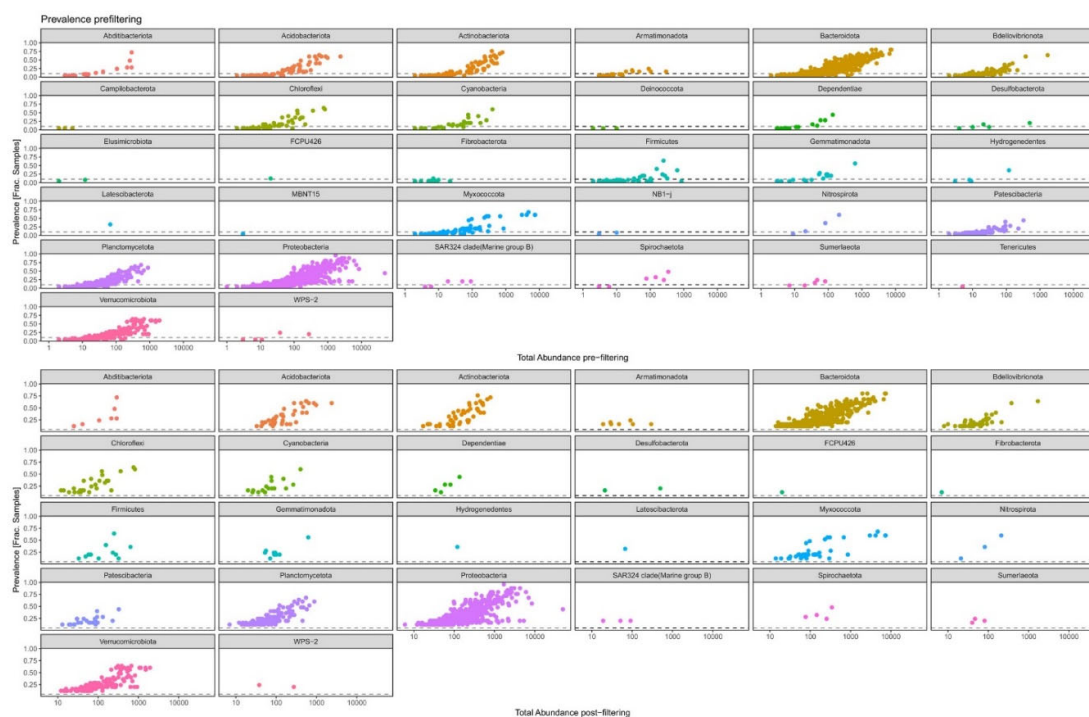




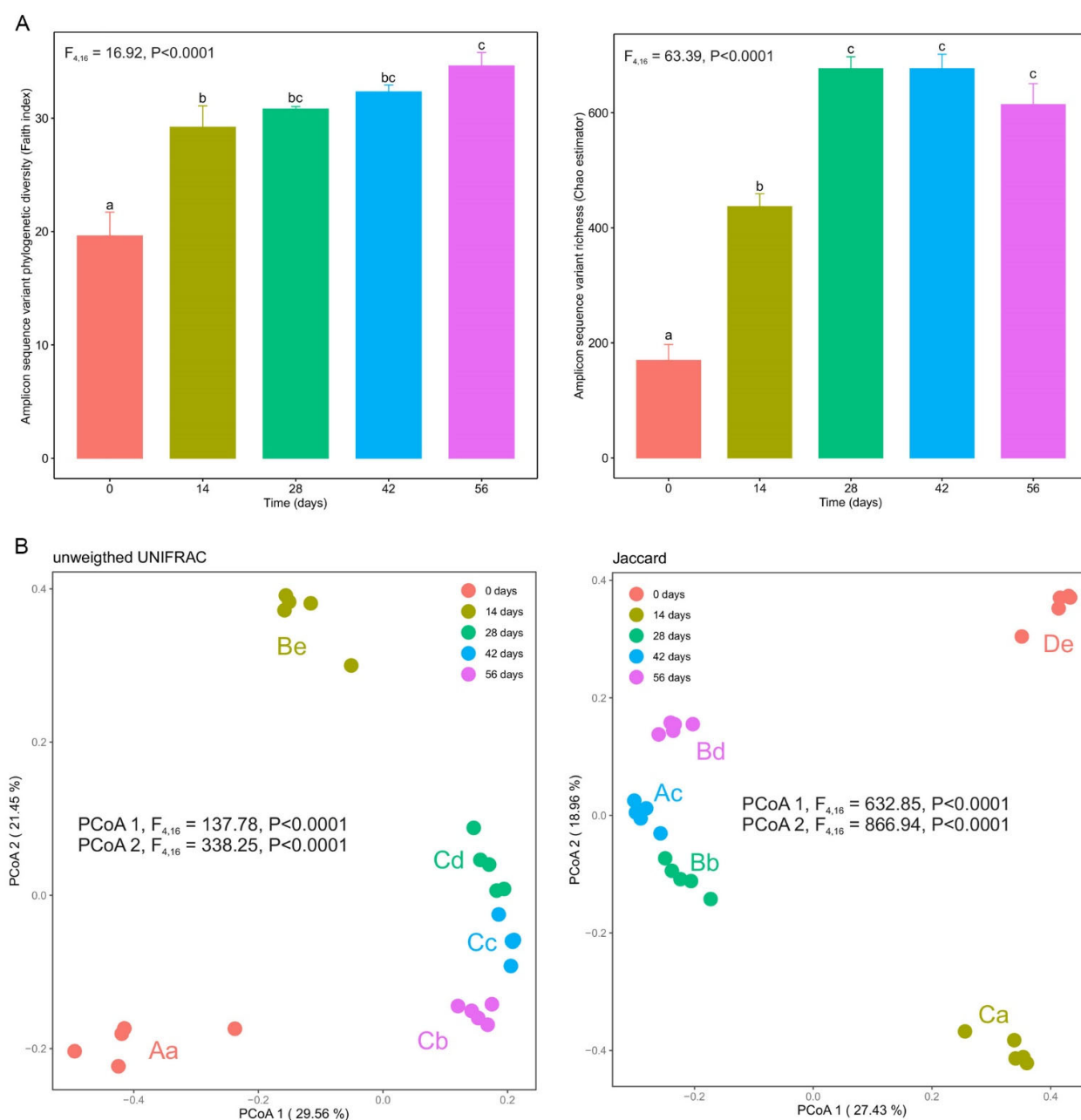
## Supplementary Materials



**Figure S1.** Rarefaction curves of the full and filtered dataset indicating the number of amplicon sequence variants (ASVs) found in each sample during vermicomposting of the silver wattle.



**Figure S2.** Taxa prevalence versus total counts before and after doing a prevalence filtering using ten percent of all samples as the prevalence threshold. Each point is a different bacterial ASV.



**Figure S3.** Change in bacterial  $\alpha$ - and  $\beta$ -diversity during vermicomposting of the silver wattle. **(A)**  $\alpha$ -Diversity is shown in terms of richness (Chao1 estimator) and phylogenetic diversity (Faith's PD index). Letters indicate significant differences between time points (Tukey HSD test). **(B)**  $\beta$ -diversity is shown by principal coordinate analysis (PCoA) of unweighted UniFrac and Jaccard distances. Capital and lower case letters indicate significant differences between the time points in PCoA1 and PCoA2 scores, respectively (Tukey HSD test, FDR corrected).

**Table S1.** Differential abundance in bacterial taxa during vermicomposting of silver wattle (*Acacia dealbata*) analyzed using negative binomial models as implemented in the package DESeq2.

base log2Fold	Mea	dChan	lfcSE	stat	pvalue	padj	Phylum	Class	Order	Family	Genus	ASV	Comparison
n	ge												
11.66	22.3775	4.6528	4.8093	1.51E-06	0.0002	59565	Bacteroidia	Bacteroidia	Flavobacteriales	Crocini-tomicaceae	unclassified	ASV304	day 0 vs. day 14
22.63	21.5315	3.2682	6.5881	4.45E-11	6.01E-08		Verrucomicrobiota	Verrucomicrobiae	Verrucomicrobiales	Rubritaleaceae	Luteolibacter	ASV159	day 0 vs. day 14
5.020	21.4748	4.6536	4.6146	3.94E-06	0.0005	53346	Bacteroidia	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Flavobacterium	ASV605	day 0 vs. day 14
4.268	21.2681	4.6538	4.5700	4.88E-06	0.0006	26596	Verrucomicrobiota	Verrucomicrobiae	Verrucomicrobiales	Rubritaleaceae	Luteolibacter	ASV668	day 0 vs. day 14
8.919	21.2594	4.5375	4.6852	2.80E-06	0.0004	23307	Myxococcota	Myxococcia	Myxococcales	Myxococcaceae	Corallococcus	ASV92	day 0 vs. day 14
2.675	20.7312	4.6547	4.4538	8.44E-06	0.0010	07193	Chloroflexi	Chloroflexia	Chloroflexales	Chloroflexaceae	FFCH7168	ASV886	day 0 vs. day 14
3.066	20.5907	4.6544	4.4239	9.69E-06	0.0011	43967	Bacteroidia	Bacteroidia	Cytophagales	Spirosomaceae	Leadbetterella	ASV803	day 0 vs. day 14
2.404	20.5872	4.6549	4.4226	9.75E-06	0.0011	43967	Proteobacteria	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	Novosphingobium	ASV956	day 0 vs. day 14
26.88	18.9777	2.7584	6.8798	5.99E-12	1.16E-08		Bacteroidia	Bacteroidia	Chitinophagales	Chitinophagaceae	Chitinophaga	ASV198	day 0 vs. day 14
239.3	10.9112	1.4488	7.5310	5.03E-14	1.36E-10		Proteobacteria	Gammaproteobacteria	Burkholderiales	Comamonadaceae	unclassified	ASV9	day 0 vs. day 14
57.81	10.1228	1.7984	5.6285	1.82E-08	6.81E-06		Bacteroidia	Bacteroidia	Chitinophagales	Chitinophagaceae	Ferruginibacter	ASV60	day 0 vs. day 14
88.18	10.0468	1.5911	6.3142	2.71E-10	2.82E-07		Proteobacteria	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	Novosphingobium	ASV33	day 0 vs. day 14
46.21	10.0259	2.4826	4.0384	5.38E-05	0.0046	24763	Bacteroidia	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Flavobacterium	ASV72	day 0 vs. day 14
82.05	9.7601	1.6333	5.9756	2.29E-09	1.63E-06		Proteobacteria	Gammaproteobacteria	Burkholderiales	Comamonadaceae	Hydrogenophaga	ASV41	day 0 vs. day 14
39.94	9.7091	1.2198	5.7488	9.51E-06	0.0001	8684	Proteobacteria	Alphaproteobacteria	Caulobacteriales	Caulobacteraceae	Asticcacaulis	ASV81	day 0 vs. day 14
45.13	9.6782	1.8230	5.3087	1.10E-07	3.10E-05		Proteobacteria	Alphaproteobacteria	Caulobacteriales	Caulobacteraceae	Brevundimonas	ASV77	day 0 vs. day 14
43.49	9.6610	1.9032	5.0760	3.85E-07	8.66E-05		Bacteroidia	Bacteroidia	Cytophagales	Spirosomaceae	Persicitalea	ASV78	day 0 vs. day 14
33.38	9.5168	1.2307	5.4124	1.37E-05	0.0033	03089	Bacteroidia	Bacteroidia	Chitinophagales	Chitinophagaceae	unclassified	ASV96	day 0 vs. day 14
157.09	4.9437	1.6098	5.8978	3.68E-09	2.16E-06		Proteobacteria	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	Novosphingobium	ASV18	day 0 vs. day 14

67.89	9.31796	1.7635	5.2836	1.27E-3	3.49E-05	Proteobacteria	Alphaproteobacteria	Caulobacteriales	Hyphomonadaceae	Hirschia	ASV5 day 0 vs. day 14
49.83	9.29475	1.8535	5.0145	5.32E-07	0.0001	Bacteroidia	Bacteroidia	Sphingobacteriales	Sphingobacteriaceae	Sphingobacterium	ASV7 day 0 vs. day 14
57.79	9.26167	1.8347	5.0479	4.47E-07	9.47E-05	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Stenotrophomonas	ASV6 day 0 vs. day 14
26.98	9.17910	2.4971	3.6757	0.0002	0.0158	Proteobacteria	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	Novosphingobium	ASV1 day 0 vs. day 14
24.50	9.13521	2.4826	3.6795	0.0002	0.0157	Proteobacteria	Gammaproteobacteria	Burkholderiales	Comamonadaceae	Pseudorhododoferrax	ASV1 day 0 vs. day 14
78.76	9.03148	1.4457	6.2470	4.18E-07	3.76E-07	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Rhodanobacteraceae	Dokdonella	ASV5 day 0 vs. day 14
91.11	8.92716	1.8915	4.7195	2.36E-06	0.0003	Bacteroidia	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Flavobacterium	ASV4 day 0 vs. day 14
25.58	8.81445	2.1000	4.1972	2.70E-05	0.0025	Bacteroidia	Bacteroidia	Flavobacteriales	Crocinitomicaceae	Fluviicola	ASV1 day 0 vs. day 14
114.28	7.7368	1.4786	5.9337	2.96E-09	1.82E-06	Bacteroidia	Bacteroidia	Cytophagales	Microscillaceae	Ohtaekwangia	ASV3 day 0 vs. day 14
339.38	7.5185	1.4196	6.1649	7.05E-05	5.95E-07	Bacteroidia	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Flavobacterium	ASV3 day 0 vs. day 14
35.54	8.71383	1.7435	4.9976	5.80E-07	0.0001	Proteobacteria	Gammaproteobacteria	Xanthomonadales	unclassified	unclassified	ASV1 day 0 vs. day 14
17.91	8.63768	2.1105	4.0926	4.26E-05	0.0037	Bacteroidia	Bacteroidia	Chitinophagales	Chitinophagaceae	unclassified	ASV1 day 0 vs. day 14
26.50	8.60735	1.8791	4.5803	4.64E-06	0.0006	Proteobacteria	Gammaproteobacteria	Pseudomonadales	Moraxellaceae	Cavicella	ASV1 day 0 vs. day 14
83.92	8.56931	1.4653	5.8479	4.98E-09	2.59E-06	Bacteroidia	Bacteroidia	Cytophagales	Microscillaceae	unclassified	ASV4 day 0 vs. day 14
84.81	8.54313	1.8450	4.6302	3.65E-06	0.0005	Proteobacteria	Gammaproteobacteria	Burkholderiales	Comamonadaceae	unclassified	ASV4 day 0 vs. day 14
66.78	8.44776	2.3683	3.5668	0.0003	0.0223	Proteobacteria	Gammaproteobacteria	Burkholderiales	Comamonadaceae	Rhizobacter	ASV6 day 0 vs. day 14
18.47	8.37801	2.2873	3.6627	0.0002	0.0165	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Luteimonas	ASV2 day 0 vs. day 14
26.56	8.33476	2.3769	3.5065	0.0004	0.0274	Bacteroidia	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Flavobacterium	ASV1 day 0 vs. day 14
166.78	3.1994	1.9309	4.3087	1.64E-05	0.0017	Bacteroidia	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Flavobacterium	ASV1 day 0 vs. day 14

30.948.199421.81364.52086.16E-0.0007	Bacteroidia	Sphingobacteriales	Sphingobacteriaceae	unclassified	ASV1 day 0 vs. day 14
6 5926 74656 91273 06 69292	Bacteroidia	Bacteroidia	Bacteroidia	unclassified	ASV1 day 0 vs. day 14
100.28.189981.41305.79596.79E-3.27E-	Proteobacteria	Burkholderiales	Alcaligenaceae	Achromobacter	ASV3 day 0 vs. day 14
45 9559 57772 3398 09 06	Proteobacteria	Burkholderiales	Alcaligenaceae	Achromobacter	ASV3 day 0 vs. day 14
121.78.152071.91134.26502.00E-0.0020	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Flavobacterium	ASV2 day 0 vs. day 14
08 0906 72225 35768 05 12565	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Flavobacterium	ASV2 day 0 vs. day 14
20.848.119902.13043.81120.00010.0102	Bacteroidia	Sphingobacteriales	Sphingobacteriaceae	Pedobacter	ASV2 day 0 vs. day 14
28 4397 98855 69074 38255 49114	Bacteroidia	Sphingobacteriales	Sphingobacteriaceae	Pedobacter	ASV2 day 0 vs. day 14
16.358.068662.04553.94448.00E-0.0065	Proteobacteria	Oceanospirillales	Pseudohongiellaceae	Pseudohongiella	ASV2 day 0 vs. day 14
09 892 79015 42556 05 40417	Proteobacteria	Oceanospirillales	Pseudohongiellaceae	Pseudohongiella	ASV2 day 0 vs. day 14
18.078.058721.75234.59874.25E-0.0005	Bacteroidia	Chitinophagales	Chitinophagaceae	Niabella	ASV2 day 0 vs. day 14
91 0291 79617 29756 06 85215	Bacteroidia	Chitinophagales	Chitinophagaceae	Niabella	ASV2 day 0 vs. day 14
37.088.040881.45735.51733.44E-1.16E-	Proteobacteria	Burkholderiales	Methylophilaceae	Methylophilus	ASV1 day 0 vs. day 14
59 1135 87685 24743 08 05	Proteobacteria	Burkholderiales	Methylophilaceae	Methylophilus	ASV1 day 0 vs. day 14
20.607.991181.92714.14663.37E-0.0030	Bacteroidia	Chitinophagales	Chitinophagaceae	Niabella	ASV2 day 0 vs. day 14
74 1077 53 2514 05 57676	Bacteroidia	Chitinophagales	Chitinophagaceae	Niabella	ASV2 day 0 vs. day 14
26.807.945241.93474.10654.02E-0.0035	Bacteroidia	Sphingobacteriales	Sphingobacteriaceae	Pedobacter	ASV1 day 0 vs. day 14
03 6035 54823 90634 05 17925	Bacteroidia	Sphingobacteriales	Sphingobacteriaceae	Pedobacter	ASV1 day 0 vs. day 14
117.87.940451.46875.40636.43E-1.89E-	Proteobacteria	Pseudomonadales	Moraxellaceae	unclassified	ASV3 day 0 vs. day 14
85 9764 38571 12545 08 05	Proteobacteria	Pseudomonadales	Moraxellaceae	unclassified	ASV3 day 0 vs. day 14
28.117.858971.84304.26422.01E-0.0020	Proteobacteria	Pseudomonadales	Pseudomonadaceae	Pseudomonas	ASV1 day 0 vs. day 14
38 7226 05608 1775 05 12565	Proteobacteria	Pseudomonadales	Pseudomonadaceae	Pseudomonas	ASV1 day 0 vs. day 14
30.757.703991.99813.85550.00010.0087	Chloroflexia	Chloroflexales	Chloroflexaceae	FFCH7168	ASV1 day 0 vs. day 14
11 477 5482 54481 15468 52185	Chloroflexia	Chloroflexales	Chloroflexaceae	FFCH7168	ASV1 day 0 vs. day 14
153.27.684861.62304.73472.19E-0.0003	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	Novosphingobium	ASV2 day 0 vs. day 14
21 0634 86084 21535 06 56573	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	Novosphingobium	ASV2 day 0 vs. day 14
52.987.426491.48475.00195.67E-0.0001	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	Novosphingobium	ASV8 day 0 vs. day 14
24 7907 17087 61633 07 12112	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	Novosphingobium	ASV8 day 0 vs. day 14
34.997.405342.20293.36160.00070.0419	Chloroflexia	Chloroflexales	Chloroflexaceae	FFCH7168	ASV1 day 0 vs. day 14
69 3183 00671 32814 74831 84007	Chloroflexia	Chloroflexales	Chloroflexaceae	FFCH7168	ASV1 day 0 vs. day 14
326.87.374541.41195.22301.76E-4.57E-	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Flavobacterium	ASV6 day 0 vs. day 14
21 6031 24102 4706 07 05	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Flavobacterium	ASV6 day 0 vs. day 14
30.077.292491.72644.22402.40E-0.0023	Alphaproteobacteria	Caulobacteriales	Caulobacteraceae	unclassified	ASV1 day 0 vs. day 14
52 9364 07211 89958 05 45537	Alphaproteobacteria	Caulobacteriales	Caulobacteraceae	unclassified	ASV1 day 0 vs. day 14
32.367.259991.61924.48357.34E-0.0009	Alphaproteobacteria	Caulobacteriales	Caulobacteraceae	Phenylobacterium	ASV1 day 0 vs. day 14
1 2261 61858 19589 06 00552	Alphaproteobacteria	Caulobacteriales	Caulobacteraceae	Phenylobacterium	ASV1 day 0 vs. day 14
27.277.022042.08523.36750.00070.0412	Acidobacteriota	Blastocatellales	Blastocatellaceae	Blastocatella	ASV1 day 0 vs. day 14
48 9886 13007 45599 58405 59669	Acidobacteriota	Blastocatellales	Blastocatellaceae	Blastocatella	ASV1 day 0 vs. day 14

27.806	971052	0.0404	3.4164	0.0006	0.0361	Verrucomicrobiota	Verrucomicrobiae	Verrucomicrobiales	Rubritaleaceae	Luteolibacter	ASV1 day 0 vs. day 14
81	3553	29876	63185	34402	15432						
14.896	6.87832	1.59144	3.3220	1.55E-0.0016		Actinobacteriota	Thermoleophilia	Solirubrobacteriales	Solirubrobacteraceae	Patulibacter	ASV3 day 0 vs. day 14
62	5364	45059	62721	05	29341						
12.636	8.83582	1.76933	3.86350	0.00010	0.0085	Proteobacteria	Alphaproteobacteria	Rhizobiales	Rhizobiaceae	Neorhizobium	ASV3 day 0 vs. day 14
92	0807	00097	73409	1174	65909						
19.886	8.81797	1.74503	3.90699	3.35E-0.0073		Proteobacteria	Alphaproteobacteria	Rhizobiales	Rhizobiaceae	Shinella	ASV2 day 0 vs. day 14
46	8846	79679	72803	05	74023						
34.426	5.59796	1.77553	3.71600	0.00020	0.0140	Actinobacteriota	Actinobacteria	Micrococcales	Microbacteriaceae	unclassified	ASV1 day 0 vs. day 14
55	8739	39786	35424	02373	02151						
322.26	5.55067	1.92793	3.39760	0.00060	0.0380	Proteobacteria	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	Novosphingobium	ASV7 day 0 vs. day 14
11	2377	76209	93575	79565	44356						
40.196	4.28641	1.68793	3.80860	0.00010	0.0103	Proteobacteria	Alphaproteobacteria	Caulobacteriales	Caulobacteraceae	Brevundimonas	ASV8 day 0 vs. day 14
6	0002	07171	4547	3973	01852						
167.86	3.73791	1.76013	3.62100	0.00020	0.0189	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Flavobacterium	ASV1 day 0 vs. day 14
63	0004	99212	61731	93396	40218						
16.696	1.76861	1.86213	3.31700	0.00090	0.0481	Verrucomicrobiota	Verrucomicrobiae	Verrucomicrobiales	Verrucomicrobiaceae	unclassified	ASV3 day 0 vs. day 14
96	6697	77632	12616	09855	40254						
77.365	9.88851	1.42174	2.21222	2.53E-0.0024		Proteobacteria	Gammaproteobacteria	Cellvibrionales	Cellvibrionaceae	Cellvibrio	ASV4 day 0 vs. day 14
62	143	54964	95072	05	5369						
41.415	5.56527	1.61943	3.43640	0.00050	0.0342	Proteobacteria	Alphaproteobacteria	Reyranellales	Reyranellaceae	Reyranella	ASV1 day 0 vs. day 14
58	9247	74236	72852	89341	07214						
2060.3	8.87197	2.2535	3.9368	8.25E-0.0066		Proteobacteria	Gammaproteobacteria	Pseudomonadales	Pseudomonadaceae	Pseudomonas	ASV1 day 0 vs. day 14
3	114	54775	7841	05	6912						
80.6744	11.5967	3.3903	3.4204	0.00060	0.0358	Proteobacteria	Alphaproteobacteria	Rhizobiales	Beijerinckiaceae	1174-901-12	ASV3 day 0 vs. day 14
44	316	98803	6241	25148	91462						
81.1113	11.6045	3.4010	3.4120	0.00060	0.0365	Proteobacteria	Alphaproteobacteria	Rhizobiales	Beijerinckiaceae	unclassified	ASV3 day 0 vs. day 14
13	261	54395	3779	44792	52648						
154.799	12.5369	3.3900	3.6982	0.00020	0.0148	Proteobacteria	Alphaproteobacteria	Rhizobiales	Beijerinckiaceae	1174-901-12	ASV1 day 0 vs. day 14
99	151	00929	0404	1713	70672						
197.395	12.8875	3.4027	3.7874	0.00010	0.0110	Proteobacteria	Alphaproteobacteria	Rhizobiales	Beijerinckiaceae	1174-901-12	ASV1 day 0 vs. day 14
95	84	38788	1503	52223	41876						
2.64697	-	4.6555	4.6079	4.07E-0.0005		Firmicutes	Clostridia	Clostridiales	Clostridiaceae	Clostridium sensu stricto 1	ASV9 day 0 vs. day 14
97	21.4526	44079	684	06	65582						
2.61346	21.4987	4.6555	4.6178	3.88E-0.0005		Proteobacteria	Alphaproteobacteria	Rhizobiales	Beijerinckiaceae	1174-901-12	ASV9 day 0 vs. day 14
46	394	8165	4177	06	50689						

3.08255	-	21.7254973	4.655091494	-	4.6670398	3.06E-0.0004	Firmicutes	Bacilli	Erysipelotrichales	Erysipelotrichaceae	Turicibacter	ASV8 day 0 vs. day 14
3.58514	-	21.9528538	4.654708498	-	4.71626823	2.40E-0.0003	Firmicutes	Clostridia	Peptostreptococcales-Tissierellales	Peptostreptococcaceae	Intestinibacter	ASV7 day 0 vs. day 14
5.49842	-	22.1459834	4.653891154	-	4.75859505	1.95E-0.0003	Proteobacteria	Gammaproteobacteria	Enterobacterales	unclassified	unclassified	ASV6 day 0 vs. day 14
8.58589	-	22.647402	3.944070789	-	5.74213882	9.35E-4.07E-	Firmicutes	Clostridia	Clostridiales	Clostridiaceae	Clostridium sensu stricto 1	ASV4 day 0 vs. day 14
7.76371	-	22.718201	4.653444198	-	4.88201856	1.05E-0.0001	Verrucomicrobiota	Verrucomicrobiae	Pedosphaerales	Pe-dosphaeraceae	unclassified	ASV6 day 0 vs. day 14
9.60228	-	22.9777921	4.173484943	-	5.50566072	3.68E-1.18E-	Firmicutes	Clostridia	Clostridiales	Clostridiaceae	Clostridium sensu stricto 1	ASV4 day 0 vs. day 14
11.1228	-	23.512336	4.554946533	-	5.16193458	2.44E-5.98E-	Firmicutes	Clostridia	Peptostreptococcales-Tissierellales	Peptostreptococcaceae	Romboutsia	ASV3 day 0 vs. day 14
13.3937	-	23.6442614	4.255111629	-	5.55667241	2.75E-9.76E-	Bacteroidota	Bacteroidia	Chitinophagales	Chitinophagaceae	unclassified	ASV4 day 0 vs. day 14
28.4801	-	24.8572563	4.652653983	-	5.34259724	9.16E-2.63E-	Firmicutes	Bacilli	Lactobacillales	Enterococcaceae	Enterococcus	ASV1 day 0 vs. day 14
21.379	42.6173	3.2993	12.9173	3.61E-2.43E-	38 34	Proteobacteria	Alphaproteobacteria	Rhizobiales	Xanthobacteraceae	unclassified	ASV2 day 14 vs. day 28	
21.9844	41.3361	3.0915	13.3708	8.99E-1.21E-	41 36	Proteobacteria	Gammaproteobacteria	Burkholderiales	Chromobacteriaceae	Chromobacterium	ASV2 day 14 vs. day 28	
25.7165	30.4546	4.6635	6.5302	6.56E-7.44E-	11 08	Bacteroidota	Bacteroidia	Flavobacteriales	Weekselaceae	Elizabethkingia	ASV2 day 14 vs. day 28	
8.58589	19.2878	3.9627	4.8673	1.13E-0.0002	06 03494	Firmicutes	Clostridia	Clostridiales	Clostridiaceae	Clostridium sensu stricto 1	ASV4 day 14 vs. day 28	
11.1228	19.1846	4.5739	4.1943	2.74E-0.0025	05 63985	Firmicutes	Clostridia	Peptostreptococcales-Tissierellales	Peptostreptococcaceae	Romboutsia	ASV3 day 14 vs. day 28	
9.60228	19.1365	4.1930	4.5638	5.02E-0.0006	06 39231	Firmicutes	Clostridia	Clostridiales	Clostridiaceae	Clostridium sensu stricto 1	ASV4 day 14 vs. day 28	
335.262	12.2671	1.7222	7.1229	1.06E-2.38E-	12 09	Myxococcota	Polyangia	Polyangiales	Sandaracinaceae	unclassified	ASV5 day 14 vs. day 28	
108.927	11.8567	1.7872	6.6341	3.26E-4.89E-	11 08	Acidobacteriota	Blastocatellia	Blastocatellales	Blastocatellaceae	unclassified	ASV3 day 14 vs. day 28	

337.611.72851.72146.81329.54E-1.61E-06	4377	25622	73614	12	08	Myxococcota	Polyangia	Polyangiales	San-daracinacea	unclassified	ASV4	day 14 vs. day 28
89.6410.90191.73476.28443.29E-3.17E-53	4519	40523	81768	10	07	Verrucomicrobiota	Verrucomicrobiae	Verrucomicrobiales	Verrucomicrobiaceae	unclassified	ASV51	day 14 vs. day 28
96.5510.64921.74076.11769.50E-7.54E-13	7653	43469	59911	10	07	Bacteroidota	Bacteroidia	Cytophagales	Microscillaceae	Chryseolinea	ASV47	day 14 vs. day 28
99.8210.59841.94885.43825.38E-1.65E-62	7516	91731	06232	08	05	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Flavobacterium	ASV44	day 14 vs. day 28
53.1910.33231.73365.96002.52E-1.70E-23	6069	03711	47632	09	06	Verrucomicrobiota	Verrucomicrobiae	Verrucomicrobiales	Rubritaleaceae	Luteolibacter	ASV89	day 14 vs. day 28
62.7210.31331.72125.99192.07E-1.55E-53	3498	10992	06296	09	06	Bacteroidota	Bacteroidia	Chitinophagales	Chitinophagaceae	Terrimonas	ASV76	day 14 vs. day 28
73.2010.26082.32814.40711.05E-0.0011	0773	99479	85819	05	87323	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Flavobacterium	ASV64	day 14 vs. day 28
98.1310.19581.80585.64591.64E-6.33E-04	5839	57685	92191	08	06	Bacteroidota	Bacteroidia	Chitinophagales	Chitinophagaceae	unclassified	ASV45	day 14 vs. day 28
121.610.17251.71405.93462.94E-1.82E-11	2567	88507	56015	09	06	Bacteroidota	Bacteroidia	Chitinophagales	Chitinophagaceae	Parafilimonas	ASV28	day 14 vs. day 28
80.2310.08301.73115.82445.73E-2.86E-77	7766	67999	36258	09	06	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Flavobacterium	ASV56	day 14 vs. day 28
140.710.05671.81415.54352.96E-1.03E-7	499	48957	08357	08	05	Myxococcota	Polyangia	Polyangiales	San-daracinacea	unclassified	ASV25	day 14 vs. day 28
37.439.948242.28584.35211.35E-0.0014	6949	30385	3698	05	78822	Bacteroidota	Bacteroidia	Cytophagales	Microscillaceae	Ohtaekwangia	ASV134	day 14 vs. day 28
70.979.913321.71375.78467.27E-3.38E-51	3699	28083	53817	09	06	Proteobacteria	Gammaproteobacteria	Burkholderiales	Comamonadaceae	unclassified	ASV67	day 14 vs. day 28
73.459.902791.71595.77097.88E-3.54E-51	9295	71215	58865	09	06	Proteobacteria	Gammaproteobacteria	Pseudomonadales	Moraxellaceae	Cavicella	ASV63	day 14 vs. day 28
51.829.853041.96925.00355.63E-0.0001	3828	26315	10135	07	12112	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Flavobacterium	ASV93	day 14 vs. day 28
41.959.813611.91075.13602.81E-6.55E-55	1111	40516	25028	07	05	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Flavobacterium	ASV117	day 14 vs. day 28
90.599.806351.71855.70621.16E-4.58E-41	3238	37829	19014	08	06	Bacteroidota	Bacteroidia	Cytophagales	Microscillaceae	unclassified	ASV50	day 14 vs. day 28



158.09.773851.71125.71151.12E-4.58E-	39	0052	50768	24129	08	06	Proteo- bacteria	Gammap- roteobac- teria	Steroidobacter- ales	Steroido- bacteraceae	unclassified	ASV2 0	day 14 vs. day 28
178.09.733551.70225.71811.08E-4.54E-	06	4038	12753	77132	08	06	Bacteroi- dota	Bacte- roidia	Chitinophagales	Chitinoph- agaceae	unclassified	ASV1 6	day 14 vs. day 28
30.119.697322.30394.20902.56E-0.0024	47	1242	41671	13345	05	71814	Verru- comicro- biota	Verru- comicro- biae	Verrucomicro- biales	Rubri- taleaceae	unclassified	ASV1 71	day 14 vs. day 28
44.969.681601.94474.97836.41E-0.0001	99	6985	2979	81591	07	2015	Acido- bacteri- ota	Vicina- mibacteria	Vicinamibacter- ales	unclassified	unclassified	ASV1 07	day 14 vs. day 28
39.699.637851.99484.83121.36E-0.0002	8	7897	90422	71829	06	40839	Proteo- bacteria	Gammap- roteobac- teria	Cellvibrionales	Spongiibac- teraceae	BD1-7 clade	ASV1 24	day 14 vs. day 28
26.569.615202.35754.07844.53E-0.0039	21	3021	34986	98549	05	20246	Plancto- mycetota	Plancto- mycetes	Pirellulales	Pirellu- laceae	Pir4 lineage	ASV1 97	day 14 vs. day 28
190.39.501591.73815.46644.59E-1.44E-	06	6299	76548	16118	08	05	Myxo- coccota	Polyangia	Polyangiales	San- daracinacea e	unclassified	ASV1 4	day 14 vs. day 28
51.509.446891.96134.81651.46E-0.0002	05	8942	41805	49016	06	55931	Bacteroi- dota	Bacte- roidia	Flavobacteriales	Flavobacte- riaceae	Flavobacte- rium	ASV9 2	day 14 vs. day 28
73.829.440331.96324.80861.52E-0.0002	81	1614	14385	09638	06	59565	Proteo- bacteria	Alphapro- teobacteria	Sphingomona- dales	Sphingo- mona- daceae	Novosphingo- bium	ASV6 2	day 14 vs. day 28
34.009.422102.15654.36901.25E-0.0013	2	7784	58328	48434	05	80045	Proteo- bacteria	Gammap- roteobac- teria	Burkholderiales	Comamon- adaceae	unclassified	ASV1 52	day 14 vs. day 28
141.89.417321.79465.24731.54E-4.16E-	58	6568	93093	18667	07	05	Bacteroi- dota	Bacte- roidia	Chitinophagales	Chitinoph- agaceae	Chitinophaga	ASV2 4	day 14 vs. day 28
68.559.336761.72225.42115.92E-1.78E-	57	5889	95656	16785	08	05	Verru- comicro- biota	Verru- comicro- biae	Pedosphaerales	Pe- dosphaerac- eae	unclassified	ASV7 1	day 14 vs. day 28
26.379.317562.66383.49770.00040.0282	5	5231	42725	91045	69129	56617	Acido- bacteri- ota	Vicina- mibacteria	Vicinamibacter- ales	Vicina- mibacter- aceae	Luteitalea	ASV1 99	day 14 vs. day 28
27.989.250642.30044.02115.79E-0.0049	62	3827	97354	49517	05	14383	Bacteroi- dota	Bacte- roidia	Flavobacteriales	Flavobacte- riaceae	Flavobacte- rium	ASV1 92	day 14 vs. day 28
33.349.170741.91714.78351.72E-0.0002	79	2569	38499	57669	06	90448	Bacteroi- dota	Bacte- roidia	Flavobacteriales	Flavobacte- riaceae	Flavobacte- rium	ASV1 58	day 14 vs. day 28
42.269.140261.96714.64643.38E-0.0004	2	4764	57375	32908	06	89954	Proteo- bacteria	Gammap- roteobac- teria	Burkholderiales	Comamon- adaceae	unclassified	ASV1 11	day 14 vs. day 28
27.489.137272.48443.67770.00020.0157	67	8807	72328	54308	35296	94127	Proteo- bacteria	Alphapro- teobacteria	Rhizobiales	unclassified	unclassified	ASV1 95	day 14 vs. day 28

31.799	1.1281	2.3301	3.9108	9.20E-0.0073	Bacteroidia	Bacteroidia	Chitinophagales	Chitinophagaceae	Terrimonas	ASV162	day 14 vs. day 28
76.209	0.08068	1.76015	1.5912	4.8E-5.98E-05	Bacteroidia	Bacteroidia	Sphingobacteriales	env.OPS 17	unclassified	ASV61	day 14 vs. day 28
48.269	0.03512	1.75935	1.3542	8.1E-6.55E-05	Bacteroidia	Bacteroidia	Flavobacteriales	Crocini-tomicaceae	Fluviicola	ASV100	day 14 vs. day 28
24.949	0.00870	1.96524	5.8404	5.6E-0.0006	Acidobacteriota	Acidobacteriae	Paludibaculum	unclassified	unclassified	ASV208	day 14 vs. day 28
46.339	0.00481	1.78425	0.4674	4.9E-9.47E-05	Proteobacteria	Gammaproteobacteria	Burkholderiales	SC-I-84	unclassified	ASV105	day 14 vs. day 28
24.168	0.99302	2.30083	3.9085	9.29E-0.0073	Verrucomicrobiota	Verrucomicrobiae	Verrucomicrobiales	Rubritaleaceae	Luteolibacter	ASV221	day 14 vs. day 28
28.088	0.98614	2.31043	3.8893	0.00010.0078	Proteobacteria	Gammaproteobacteria	Burkholderiales	Comamonadaceae	unclassified	ASV187	day 14 vs. day 28
37.488	0.94180	1.95044	5.8434	5.5E-0.0006	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Thermomonas	ASV135	day 14 vs. day 28
24.318	0.91992	2.28833	3.8979	9.70E-0.0076	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Pseudoxanthomonas	ASV217	day 14 vs. day 28
49.038	0.91846	1.72725	1.6352	4.2E-5.98E-05	Proteobacteria	Alphaproteobacteria	Reyranellales	Reyranellaceae	Reyranella	ASV95	day 14 vs. day 28
21.198	0.91711	2.33813	3.8136	0.00010.0102	Bacteroidia	Bacteroidia	Sphingobacteriales	Sphingobacteriaceae	Mucilagibacter	ASV259	day 14 vs. day 28
21.258	0.89473	2.38683	3.7265	0.00010.0136	Proteobacteria	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	Novosphingobium	ASV258	day 14 vs. day 28
20.858	0.78990	2.57753	4.1020	0.00060.0366	Bacteroidia	Bacteroidia	Cytophagales	Microscillaceae	unclassified	ASV275	day 14 vs. day 28
22.308	0.76643	2.32133	3.7763	0.00010.0114	Bacteroidia	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Flavobacterium	ASV247	day 14 vs. day 28
24.908	0.74420	1.74375	0.1475	3.1E-0.0001	Verrucomicrobiota	Verrucomicrobiae	Chthoniobacteriales	Chthoniobacteraceae	Chthoniobacter	ASV210	day 14 vs. day 28
39.868	0.74347	1.73015	0.5354	3.4E-9.44E-05	Acidobacteriota	Acidobacteriae	unclassified	unclassified	unclassified	ASV121	day 14 vs. day 28
190.28	0.72851	1.68025	1.9462	0.05E-5.22E-05	Bacteroidia	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Flavobacterium	ASV15	day 14 vs. day 28

50.93	8.72265	1.7461	4.9954	5.87E-0.0001	Proteo-	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Arenimonas	ASV90	day 14 vs. day 28	
18.60	8.71075	2.3084	3.7734	0.0001	0.0115	Bacteroidota	Bacteroidia	Chitinophagales	Chitinophagaceae	Edaphobacterium	ASV299	day 14 vs. day 28
39.99	8.6441	2.1730	7.4994	5.90E-0.0001	Planctomycetota	Planctomycetes	Planctomycetales	unclassified	unclassified	ASV119	day 14 vs. day 28	
101.08	6.1568	1.9527	4.4120	1.02E-0.0011	Proteobacteria	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	Novosphingobium	ASV40	day 14 vs. day 28	
14.49	8.6047	3.2324	1.3702	2.0002	0.0147	Bacteroidota	Bacteroidia	Sphingobacteriales	env.OPS 17	unclassified	ASV375	day 14 vs. day 28
15.07	8.6022	1.2248	3.8663	0.0001	0.0085	Bacteroidota	Bacteroidia	Cytophagales	Cyclobacteriaceae	Algoriphagus	ASV365	day 14 vs. day 28
14.18	8.5892	2.3283	3.6889	0.0002	0.0152	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Pseudoxanthomonas	ASV380	day 14 vs. day 28
23.68	8.5783	1.9749	4.3435	1.40E-0.0015	Actinobacteriota	Actinobacteria	Streptomycetales	Streptomycetaceae	Streptomyces	ASV218	day 14 vs. day 28	
21.29	8.5730	1.9444	4.4090	1.04E-0.0011	Bacteroidota	Bacteroidia	Sphingobacteriales	NS11-12 marine group	unclassified	ASV249	day 14 vs. day 28	
14.95	8.5717	4.2219	3.8577	0.0001	0.0087	Verrucomicrobiota	Verrucomicrobiae	Verrucomicrobiales	Verrucomicrobiaceae	unclassified	ASV362	day 14 vs. day 28
52.56	8.4640	1.8971	4.4615	8.14E-0.0009	Proteobacteria	Gammaproteobacteria	Burkholderiales	Comamonadaceae	unclassified	ASV87	day 14 vs. day 28	
13.38	8.4544	3.2499	3.3826	0.0007	0.0397	Proteobacteria	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	Sphingorhabdus	ASV396	day 14 vs. day 28
28.57	8.3382	2.1938	3.4301	6.170E-0.0017	Proteobacteria	Alphaproteobacteria	Caulobacteriales	Caulobacteraceae	unclassified	ASV174	day 14 vs. day 28	
40.02	8.2856	1.7564	4.7173	2.39E-0.0003	Bacteroidota	Bacteroidia	Chitinophagales	Chitinophagaceae	Ferruginibacter	ASV122	day 14 vs. day 28	
16.41	8.2787	0.1952	8.4239	2.24E-0.0022	Verrucomicrobiota	Verrucomicrobiae	Chthoniobacteriales	Terrimicrobiaceae	Terrimicrobium	ASV314	day 14 vs. day 28	
16.48	8.2781	5.2226	1.3718	5.0002	0.0139	Bacteroidota	Bacteroidia	Cytophagales	Spirosomaceae	Dyadobacter	ASV333	day 14 vs. day 28
25.46	8.2775	1.1742	9.4749	1.204E-0.0003	Acidobacteriota	Vicinamibacteria	Vicinamibacteriales	Vicinamibacteraceae	unclassified	ASV205	day 14 vs. day 28	

15.53	8.26606	2.08193	9.7037	1.8E-0.0059	Proteo- bacteria	Alphapro- teobacteria	Rhodobacterales	Rhodobac- teraceae	unclassified	ASV3 50	day 14 vs. day 28
16.85	8.25245	2.47743	3.33090	0.00080.0459	Bacteroi- dota	Bacte- roidia	Sphingobacte- riales	Sphingo- bacteri- aceae	Mucilagini- bacter	ASV3 23	day 14 vs. day 28
23.92	8.18984	1.95604	1.8692	2.83E-0.0026	Bacteroi- dota	Bacte- roidia	Chitinophagales	Chitinoph- agaceae	Taibaiella	ASV2 23	day 14 vs. day 28
15.96	8.18302	1.95024	1.9582	2.72E-0.0025	Proteo- bacteria	Gammap- roteobac- teria	Xanthomona- dales	Rhodano- bacteraceae	Tahibacter	ASV3 41	day 14 vs. day 28
27.42	8.15300	1.74084	1.68322	2.82E-0.0004	Proteo- bacteria	Alphapro- teobacteria	Caulobacterales	Caulobac- teraceae	Phenylobacte- rium	ASV1 91	day 14 vs. day 28
16.90	8.13583	2.24993	3.61590	0.00020.0192	Verru- comicro- biota	Verru- comicro- biae	Chthoniobacter- ales	Xiphin- ematobac- teraceae	Candidatus Xiphinemato- bacter	ASV3 18	day 14 vs. day 28
39.09	8.09782	1.72844	1.68492	2.80E-0.0004	Bacteroi- dota	Bacte- roidia	Flavobacteriales	Flavobacte- riaceae	Flavobacte- rium	ASV1 27	day 14 vs. day 28
16.00	8.09652	2.13043	3.80030	0.00010.0105	Verru- comicro- biota	Verru- comicro- biae	Verrucomicro- biales	Rubri- taleaceae	Luteolibacter	ASV3 38	day 14 vs. day 28
13.94	8.08615	2.33703	3.45990	0.00050.0316	Bacteroi- dota	Bacte- roidia	Chitinophagales	Chitinoph- agaceae	unclassified	ASV3 85	day 14 vs. day 28
27.63	8.07750	1.94804	1.14643	3.38E-0.0030	Bacteroi- dota	Bacte- roidia	Flavobacteriales	Flavobacte- riaceae	Flavobacte- rium	ASV1 82	day 14 vs. day 28
31.50	8.04972	1.94874	1.13063	3.62E-0.0032	Myxo- coccota	Polyangia	Polyangiales	San- daracinacea e	unclassified	ASV1 63	day 14 vs. day 28
20.66	8.03823	1.92914	1.16663	3.09E-0.0028	Bacteroi- dota	Bacte- roidia	Chitinophagales	Chitinoph- agaceae	Edaphobacu- lum	ASV2 72	day 14 vs. day 28
31.23	8.03375	1.74924	1.59274	4.37E-0.0005	Proteo- bacteria	Gammap- roteobac- teria	Pseudomona- dales	Moraxel- laceae	unclassified	ASV1 65	day 14 vs. day 28
22.10	8.02042	1.75174	1.57854	4.68E-0.0006	Actino- bacteri- ota	Acidimi- crobiia	Microtrichales	unclassified	unclassified	ASV2 36	day 14 vs. day 28
21.52	8.01069	2.14593	1.73290	0.00010.0133	Acido- bacteri- ota	Blastoca- tellia	Blastocatellales	Blastoca- tellaceae	unclassified	ASV2 50	day 14 vs. day 28
48.47	7.98792	1.81484	1.40151	1.08E-0.0011	Proteo- bacteria	Alphapro- teobacteria	Rhizobiales	Xanthobac- teraceae	Rhodopseudo- monas	ASV9 8	day 14 vs. day 28
15.72	7.93218	2.10553	1.76730	0.00010.0117	Bacteroi- dota	Bacte- roidia	Chitinophagales	Chitinoph- agaceae	Ferruginibac- ter	ASV3 47	day 14 vs. day 28

17.767.929901.75514.51796.24E-0.0007	Proteo- bacteria	Alphapro- teobacteria	Caulobacterales	Caulobac- teraceae	Phenylobacte- rium	ASV3 03	day 14 vs. day 28
47.537.924931.72664.58984.43E-0.0005	Verru- comicro- biota	Verru- comicro- biae	Opitutales	Opituta- ceae	Lacunisphaera	ASV9 7	day 14 vs. day 28
10.657.916522.32553.40420.00060.0373	Plancto- mycetota	Plancto- mycetes	Gemmatales	Gem- mataceae	Zavarzinella	ASV4 89	day 14 vs. day 28
14.277.889392.29943.43090.00060.0346	Bacteroi- dota	Bacte- roidia	Cytophagales	Cytophaga- ceae	unclassified	ASV3 78	day 14 vs. day 28
19.317.871192.32463.38590.00070.0393	Proteo- bacteria	Gammap- roteobac- teria	Legionellales	Legionel- laceae	Legionella	ASV2 88	day 14 vs. day 28
104.97.841232.17253.60920.00030.0196	Proteo- bacteria	Gammap- roteobac- teria	Xanthomona- dales	Xan- thomona- daceae	Thermomonas	ASV3 6	day 14 vs. day 28
23.287.788301.74444.46458.02E-0.0009	Bacteroi- dota	Bacte- roidia	Flavobacteriales	Flavobacte- riaceae	Flavobacte- rium	ASV2 24	day 14 vs. day 28
10.967.778082.12633.65780.00020.0167	Bacteroi- dota	Bacte- roidia	Flavobacteriales	Flavobacte- riaceae	Flavobacte- rium	ASV4 78	day 14 vs. day 28
15.687.762581.92494.03265.51E-0.0047	Plancto- mycetota	Plancto- mycetes	Pirellulales	Pirellu- laceae	unclassified	ASV3 48	day 14 vs. day 28
23.487.747161.75554.41301.02E-0.0011	Proteo- bacteria	Alphapro- teobacteria	Rhodobacterales	Rhodobac- teraceae	unclassified	ASV2 20	day 14 vs. day 28
67.307.697191.95343.94028.14E-0.0066	Verru- comicro- biota	Verru- comicro- biae	Pedosphaerales	Pe- dosphaerac- eae	unclassified	ASV7 0	day 14 vs. day 28
14.987.592082.16023.51430.00040.0269	Proteo- bacteria	Alphapro- teobacteria	Sphingomona- dales	Sphingo- mona- daceae	Altererythro- bacter	ASV3 59	day 14 vs. day 28
15.017.567221.76834.27921.88E-0.0019	Bacteroi- dota	Bacte- roidia	Chitinophagales	Chitinoph- agaceae	unclassified	ASV3 56	day 14 vs. day 28
33.987.540681.74084.33141.48E-0.0015	Proteo- bacteria	Gammap- roteobac- teria	Xanthomona- dales	Rhodano- bacteraceae	Rhodanobac- ter	ASV1 51	day 14 vs. day 28
19.077.534501.73914.33211.48E-0.0015	Acido- bacteri- ota	Blastoca- tellia	Blastocatellales	Blastoca- tellaceae	unclassified	ASV2 90	day 14 vs. day 28
288.17.499301.61114.65453.25E-0.0004	Bacteroi- dota	Bacte- roidia	Chitinophagales	Chitinoph- agaceae	Edaphobacu- lum	ASV8	day 14 vs. day 28
11.097.499291.93583.87390.00010.0083	Proteo- bacteria	Gammap- roteobac- teria	Xanthomona- dales	Xan- thomona- daceae	Xanthomonas	ASV4 68	day 14 vs. day 28

20.167	03	7.431141	1.77074	1.19672	2.71E-0.0025	Verrucomicrobiota	Verrucomicrobiae	Opitutales	Opitutaceae	unclassified	ASV270	day 14 vs. day 28
12.737	67	7.429021	1.79604	1.13623	3.53E-0.0031	Verrucomicrobiota	Verrucomicrobiae	Verrucomicrobiales	Verrucomicrobiaceae	Roseimicrobium	ASV413	day 14 vs. day 28
9.0387	16	7.400472	1.21783	3.33670	0.00080.0451	Planctomycetota	Planctomycetes	Pirellulales	Pirellulaceae	unclassified	ASV545	day 14 vs. day 28
89.137	5	7.383651	1.94463	7.79680	0.00010.0106	Bacteroidota	Bacteroidia	Sphingobacteriales	Sphingobacteriaceae	Mucilaginibacter	ASV53	day 14 vs. day 28
17.537	91	7.372811	1.72934	2.26332	0.01E-0.0020	Bdellovibrionota	Oligoflexia	0319-6G20	unclassified	unclassified	ASV309	day 14 vs. day 28
20.557	83	7.352371	1.73934	2.22712	2.37E-0.0023	Planctomycetota	Planctomycetes	Gemmatales	Gemmataceae	Gemmata	ASV260	day 14 vs. day 28
41.177	9	7.350202	2.15053	3.41780	0.00060.0360	Bacteroidota	Bacteroidia	Chitinophagales	Chitinophagaceae	unclassified	ASV118	day 14 vs. day 28
28.427	7	7.321001	1.94093	7.77190	0.00010.0115	Gemmimonadota	Gemmatimonadetes	Gemmatimonadales	Gemmatimonadaceae	unclassified	ASV181	day 14 vs. day 28
9.5377	83	7.286191	1.82753	3.98696	6.69E-0.0056	Nitrospirota	Nitrospiria	Nitrospirales	Nitrospiraceae	Nitrospira	ASV523	day 14 vs. day 28
42.157	93	7.227991	1.73124	1.17482	2.98E-0.0027	Proteobacteria	Gammaproteobacteria	Burkholderiales	Comamonadaceae	unclassified	ASV110	day 14 vs. day 28
16.517	34	7.190001	1.74534	1.11943	3.80E-0.0033	Planctomycetota	Planctomycetes	Gemmatales	Gemmataceae	Gemmata	ASV321	day 14 vs. day 28
18.187	46	7.164421	1.80423	3.97097	7.16E-0.0059	Cyanobacteria	Vampirivibrionia	Obscuribacteriales	Obscuribacteraceae	unclassified	ASV296	day 14 vs. day 28
12.307	07	7.160171	1.95943	3.65400	0.00020.0169	Myxococcota	Polyangia	Polyangiales	Polyangiaceae	Pajaroellobacter	ASV429	day 14 vs. day 28
41.177	89	7.147271	1.93583	3.69210	0.00020.0151	Proteobacteria	Gammaproteobacteria	Cellvibrionales	Cellvibrionaceae	Cellvibrio	ASV115	day 14 vs. day 28
8.7537	41	7.111371	1.78593	3.98186	8.4E-0.0056	Proteobacteria	Alphaproteobacteria	Dongiales	Dongiaceae	Dongia	ASV549	day 14 vs. day 28
7.8147	82	7.075052	2.08323	3.39620	0.00060.0380	Bacteroidota	Bacteroidia	Cytophagales	Microscillaceae	OLB12	ASV595	day 14 vs. day 28

26.897	0.032891	1.93063	6.64270	0.00020	0.0175	Verrucomicrobiota	Verrucomicrobiae	Pedosphaerales	Pedospaeraceae	unclassified	ASV186	day 14 vs. day 28
56.087	0.030111	1.83623	3.82850	0.00010	0.0097	Bacteroidota	Bacteroidia	Chitinophagales	Chitinophagaceae	Aurantisolimonas	ASV84	day 14 vs. day 28
218.16	0.997891	1.64114	2.64020	1E-00020	0.0020	Myxococcota	Polyangia	Polyangiales	Sandracinaceae	unclassified	ASV11	day 14 vs. day 28
12.896	0.967721	1.77973	3.91509	0.04E-00072	0.0072	Acidobacteriota	Acidobacteriae	unclassified	unclassified	unclassified	ASV415	day 14 vs. day 28
82.696	0.946991	1.93883	3.58300	0.00030	0.0212	Bacteroidota	Bacteroidia	Chitinophagales	Chitinophagaceae	Sediminibacterium	ASV54	day 14 vs. day 28
7.0916	0.868471	1.97353	3.48010	0.00050	0.0296	Bacteroidota	Bacteroidia	Sphingobacteriales	Sphingobacteriaceae	Solitalea	ASV632	day 14 vs. day 28
18.856	0.847771	1.94073	3.52840	0.00040	0.0257	Proteobacteria	Gammaproteobacteria	Burkholderiales	Comamonadaceae	unclassified	ASV293	day 14 vs. day 28
20.276	0.777551	1.97263	3.43580	0.00050	0.0342	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Rhodanobacteraceae	Dokdonella	ASV277	day 14 vs. day 28
15.726	0.706141	1.75623	3.81840	0.00010	0.0100	Actinobacteriota	Thermophilophila	Solirubrobacteriales	Solirubrobacteraceae	Conexibacter	ASV342	day 14 vs. day 28
9.8596	0.521401	1.94543	3.35210	0.00080	0.0432	Verrucomicrobiota	Verrucomicrobiae	Opitutales	Opitutaceae	IMCC26134	ASV518	day 14 vs. day 28
11.046	0.503441	1.78703	3.63920	0.00020	0.0177	Proteobacteria	Gammaproteobacteria	Burkholderiales	Nitrosomonadaceae	Ellin6067	ASV461	day 14 vs. day 28
14.346	0.463181	1.93513	3.33980	0.00080	0.0448	Myxococcota	Polyangia	Polyangiales	Blrii41	unclassified	ASV384	day 14 vs. day 28
149.96	0.343781	1.87613	3.38130	0.00070	0.0397	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Flavobacterium	ASV22	day 14 vs. day 28
12.676	0.228511	1.78543	3.48850	0.00040	0.0291	Planctomycetota	Planctomycetes	Pirellulales	Pirellulaceae	Pirellula	ASV409	day 14 vs. day 28
46.646	0.095301	1.69733	3.59100	0.00030	0.0208	Bacteroidota	Bacteroidia	Chitinophagales	Chitinophagaceae	Chitinophaga	ASV101	day 14 vs. day 28
23.025	0.895411	1.69273	3.48260	0.00040	0.0295	Proteobacteria	Alphaproteobacteria	Reyranellales	Reyranellaceae	Reyranella	ASV229	day 14 vs. day 28
167.85	0.083861	1.50553	3.37660	0.00070	0.0402	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Flavobacterium	ASV19	day 14 vs. day 28

326.84	7.44	321.07	774.40	191.07	E-0.0011	Bacteroidia	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Flavobacterium	ASV6	day 14 vs. day 28
21	0149	87249	07847	05	98701							
2.404	-	4.6551	-	4.20E-9.30E-		Proteobacteria	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	Novosphingobium	ASV956	day 14 vs. day 28
93	23.5527	48248	5.0595	07	05							
	233		0017									
2.675	-	4.6548	-	3.58E-8.18E-		Chloroflexi	Chloroflexia	Chloroflexales	Chloroflexaceae	FFCH7168	ASV886	day 14 vs. day 28
49	23.6943	8063	5.0902	07	05							
	197		0995									
4.268	-	4.6539	-	1.59E-4.20E-		Verrucomicrobiota	Verrucomicrobiae	Verrucomicrobiales	Rubritaleaceae	Luteolibacter	ASV668	day 14 vs. day 28
75	24.3973	92961	5.2422	07	05							
	041		3056									
3.066	-	4.6545	-	3.53E-1.16E-		Bacteroidia	Bacteroidia	Cytophagales	Spirosomaceae	Leadbetterella	ASV803	day 14 vs. day 28
29	25.6598	78157	5.5128	08	05							
	265		1462									
5.020	-	4.6537	-	2.14E-7.80E-		Bacteroidia	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Flavobacterium	ASV605	day 14 vs. day 28
3	26.0631	69776	5.6004	08	06							
	614		4064									
11.66	-	4.6530	-	4.11E-2.31E-		Bacteroidia	Bacteroidia	Flavobacteriales	Crocinitomicaceae	unclassified	ASV304	day 14 vs. day 28
39	27.3592	47027	5.8798	09	06							
	887		6508									
26.39	8.37688	2.3226	3.6066	0.0003	0.0197	Bacteroidia	Bacteroidia	Cytophagales	Cytophagaceae	Cytophaga	ASV196	day 28 vs. day 42
32	4199	12422	64685	10158	38926							
23.98	8.22143	2.2947	3.5827	0.0003	0.0212	Verrucomicrobiota	Verrucomicrobiae	Pedospaerales	Pedospaeraceae	unclassified	ASV213	day 28 vs. day 42
16	9751	26605	53489	39991	36872							
14.01	7.88705	2.3396	3.3709	0.0007	0.0409	Bacteroidia	Bacteroidia	Cytophagales	Cytophagaceae	Cytophaga	ASV381	day 28 vs. day 42
21	3358	98596	69822	49041	15207							
32.50	-	2.3350	-	0.0005	0.0323	Bacteroidia	Bacteroidia	Cytophagales	Spirosomaceae	Leadbetterella	ASV104	day 28 vs. day 42
75	8.06375	00045	3.4534	53507	2866							
	764		2933									
11.12	-	4.5739	-	6.47E-0.0054		Firmicutes	Clostridia	Peptostreptococcales-Tissierellales	Peptostreptococcaceae	Romboutsia	ASV366	day 28 vs. day 42
28	18.2733	22374	3.9951	05	52597							
	655		193									
8.919	-	4.5597	-	4.99E-2.59E-		Myxococcota	Myxococcia	Myxococcales	Myxococcaceae	Corallococcus	ASV392	day 28 vs. day 42
8	26.6631	94817	5.8474	09	06							
	158		3762									
25.71	-	4.6635	-	6.62E-7.44E-		Bacteroidia	Bacteroidia	Flavobacteriales	Weekselaceae	Elizabethkingia	ASV234	day 28 vs. day 42
65	30.4485	88818	6.5289	11	08							
	332		9181									
22.63	37.3296	3.2713	11.411	3.68E-1.66E-		Verrucomicrobiota	Verrucomicrobiae	Verrucomicrobiales	Rubritaleaceae	Luteolibacter	ASV159	day 42 vs. day 56
31	0719	6166	03035	30	26							
27.98	8.22948	2.3010	3.5764	0.0003	0.0216	Bacteroidia	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Flavobacterium	ASV192	day 42 vs. day 56
62	921	21042	51088	4829	54999							
22.30	8.08435	2.3215	3.4822	0.0004	0.0295	Bacteroidia	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Flavobacterium	ASV247	day 42 vs. day 56
27	1785	82045	59781	97201	51705							



24.16	8.07560	2.30133	5.50900	0.00040	0.0273	Verrucomicrobiota	Verrucomicrobiae	Verrucomicrobiales	Rubritaleaceae	Luteolibacter	ASV21	day 42 vs. day 56
55	296	43724	81619	49657	27796							
14.97	7.99269	2.30723	4.46410	0.00050	0.0313	Verrucomicrobiota	Verrucomicrobiae	Chthoniobacterales	Chthoniobacteraceae	Chthoniobacter	ASV370	day 42 vs. day 56
25	0711	65091	40616	31928	3964							
35.54	7.94159	1.74534	5.55015	5.36E-0	0.0006	Proteobacteria	Gammaproteobacteria	Xanthomonadales	unclassified	unclassified	ASV108	day 42 vs. day 56
37	5092	49978	4478	06	75975							
57.81	7.83050	1.80114	4.34751	1.38E-0	0.0014	Bacteroidota	Bacteroidia	Chitinophagales	Chitinophagaceae	Ferruginibacter	ASV60	day 42 vs. day 56
03	6589	42571	21798	05	98095							
30.11	7.71650	2.30553	3.34680	0.00080	0.0439	Verrucomicrobiota	Verrucomicrobiae	Verrucomicrobiales	Rubritaleaceae	unclassified	ASV171	day 42 vs. day 56
47	8286	84799	76805	17275	30985							
20.84	7.65509	2.13193	5.59050	0.00030	0.0208	Bacteroidota	Bacteroidia	Sphingobacteriales	Sphingobacteriaceae	Pedobacter	ASV204	day 42 vs. day 56
28	0075	84966	92897	29927	00794							
26.80	6.81646	1.93873	5.51590	0.00040	0.0268	Bacteroidota	Bacteroidia	Sphingobacteriales	Sphingobacteriaceae	Pedobacter	ASV161	day 42 vs. day 56
03	8745	15716	71263	38148	70447							
12.63	6.59296	1.77233	7.71980	0.00010	0.0139	Proteobacteria	Alphaproteobacteria	Rhizobiales	Rhizobiaceae	Neorhizobium	ASV358	day 42 vs. day 56
92	0096	90764	11811	99371	335							
18.07	6.43503	1.75883	6.65870	0.00020	0.0167	Bacteroidota	Bacteroidia	Chitinophagales	Chitinophagaceae	Niabella	ASV216	day 42 vs. day 56
91	4498	17317	28191	5347	3773							
13.39	-	4.2600	-	2.33E-0	0.0003	Bacteroidota	Bacteroidia	Chitinophagales	Chitinophagaceae	unclassified	ASV412	day 42 vs. day 56
37	20.1187	51322	4.7226	5509	06	72518						
25.71	-	4.6529	-	3.83E-1	2.29E-	Bacteroidota	Bacteroidia	Flavobacteriales	Weekseliaceae	Elizabethkingia	ASV234	day 42 vs. day 56
65	35.2069	7.5666	7076	14	10							