

Figure S1. Reproducibility of distribution between replicates before data for individual ticks were merged. Each bar is labeled with the tick number followed by the analysis label.

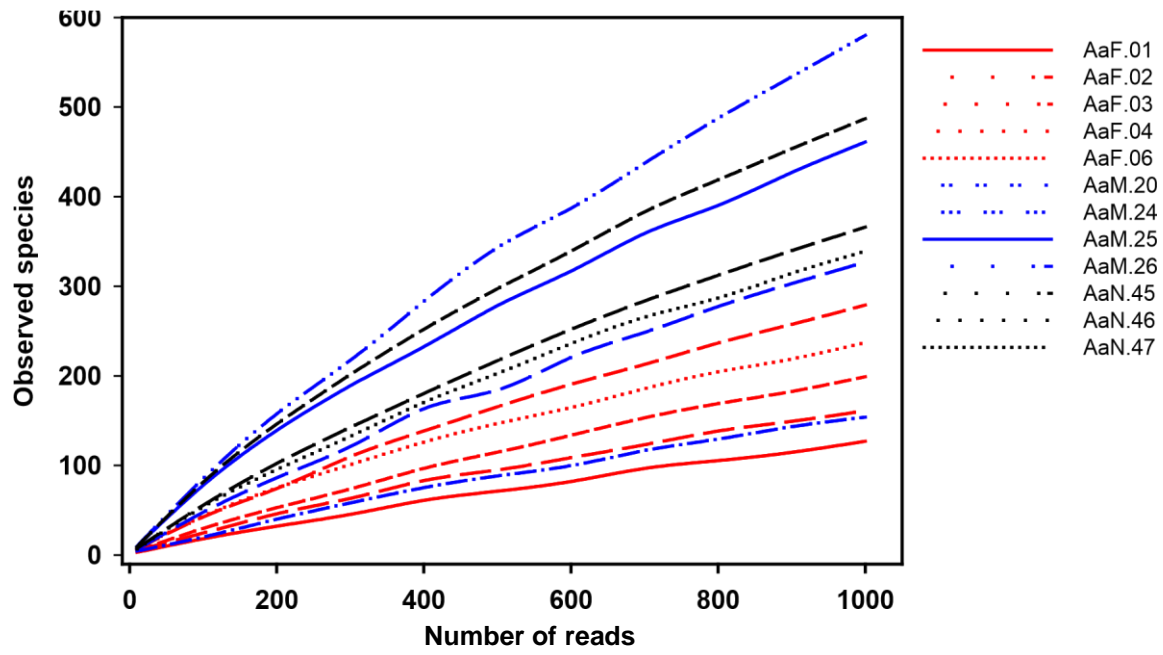


Figure S2. Rarefaction curves of observed species in individual ticks.

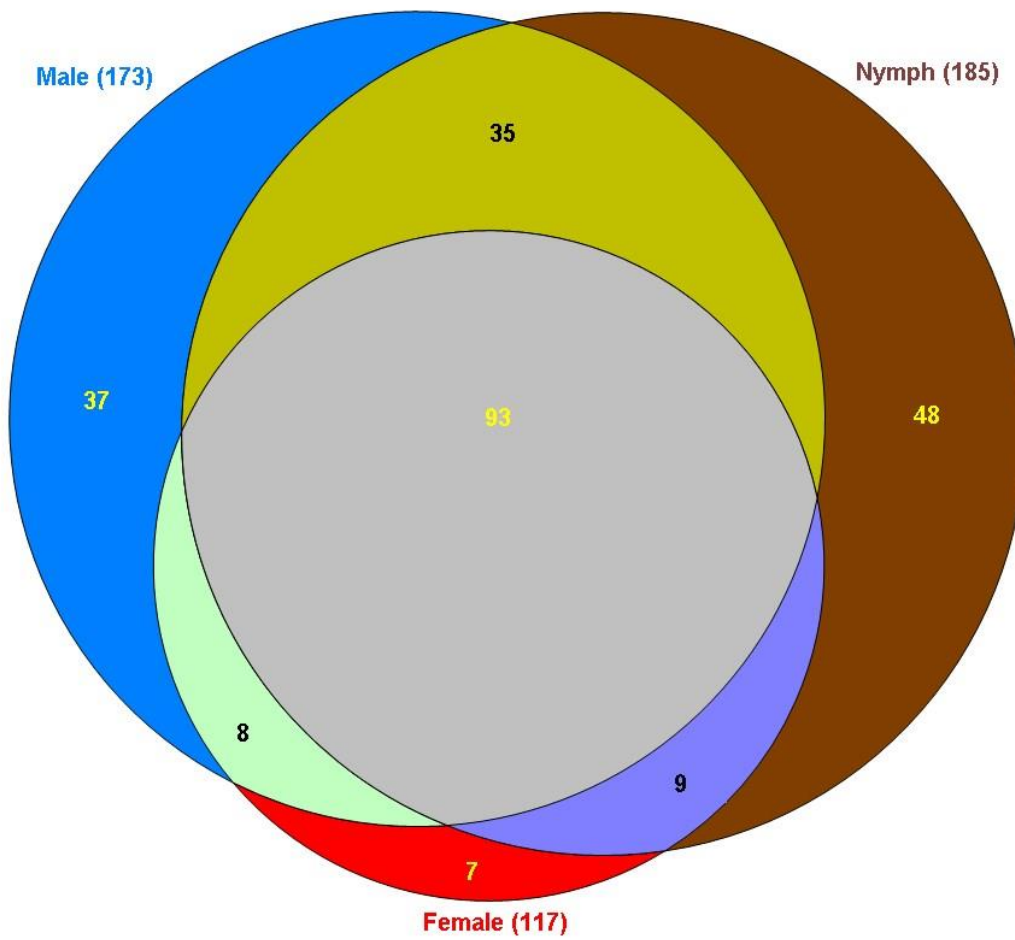


Figure S3. Distribution of genus-level taxa by stage and sex. The numbers of taxa in each compartment of the Venn diagram are shown.

Table S1. The 10-base multiplex identifier MID used in this study.

Tick No	MID number	Sequence (5'→3')	Stage/sex
AaF-01	MID-1	ACGAGTGCGT	Female
AaF-02	MID-2	ACGCTCGACA	Female
AaF-03	MID-3	AGACGCACTC	Female
AaF-04	MID-4	AGCACTGTAG	Female
AaF-05	MID-5	ATCAGACACG	Female
AaF-06	MID-6	ATATCGCGAG	Female
AaM-20	MID-7	CGTGTCTCTA	Male
AaM-21	MID-8	CTCGCGTGTC	Male
AaM-22	MID-10	TCTCTATGCG	Male
AaM-23	MID-11	TGATACGTCT	Male
AaM-24	MID-13	CATAGTAGTG	Male
AaM-25	MID-14	CGAGAGATAC	Male
AaM-26	MID-15	ATACGACGTA	Male
AaN-45	MID-16	TCACGTAATA	Nymph
AaN-46	MID-17	CGTCTAGTAC	Nymph
AaN-47	MID-18	TCTACGTAGC	Nymph
AaN-48	MID-19	TGTACTACTC	Nymph
AaN-49	MID-20	ACGACTACAG	Nymph
AaN-50	MID-21	CGTAGACTAG	Nymph
AaN-51	MID-22	TACGAGTATG	Nymph

Table S2. Procrustes results from different OTU picking methods using unweighted UniFrac at 500 and 1000 sequences per sample.

Method	Sequences per sample	Monte Carlo pvalue	M ²
Denoised	1000	0.000	0.26
Denoised	500	0.000	0.315
Open reference	1000	0.000	0.027
Open reference	500	0.000	0.020
Usearch	1000	0.006	0.108
Usearch	500	0.000	0.149

Table S3. Complete genus-level microbiome of 12 ticks

Taxon	AaF. 01	AaF. 02	AaF. 03	AaF. 04	AaF. 06	AaM. 20	AaM. 24	AaM. 25	AaM. 26	AaN. 45	AaN. 46	AaN. 47
k__Bacteria;Other;Other;Other;Other;Other	0.003	0.003	0.026	0.002	0.008	0.004	0.008	0.023	0.005	0.003	0.009	0.001
k__Bacteria;p__Acidobacteria;c__Acidobacteria-6;Other;Other;Other	0	0	0	0	0	0	0.001	0	0	0	0	0
k__Bacteria;p__Acidobacteria;c__Acidobacteria-6;o__f__g__	0	0	0	0	0	0	0	0	0.001	0	0	0
k__Bacteria;p__Acidobacteria;c__Acidobacteria-6;o__iii1-15;f__g__	0	0	0	0	0	0	0	0	0	0.001	0.004	0
k__Bacteria;p__Acidobacteria;c__Acidobacteriia;o__Acidobacteriales;f__Acidobacteriaceae;Other	0.004	0.001	0	0.006	0.043	0.008	0.006	0.123	0	0.008	0	0.022
k__Bacteria;p__Acidobacteria;c__Acidobacteriia;o__Acidobacteriales;f__Acidobacteriaceae;g__	0	0.001	0	0.006	0.099	0.018	0.008	0.109	0	0.006	0	0.028
k__Bacteria;p__Acidobacteria;c__Acidobacteriia;o__Acidobacteriales;f__Acidobacteriaceae;g__Edapho bacter	0	0	0	0	0.002	0.001	0	0.001	0	0	0	0
k__Bacteria;p__Acidobacteria;c__Acidobacteriia;o__Acidobacteriales;f__Acidobacteriaceae;g__Terriglobus	0	0	0	0.005	0.006	0.004	0.002	0.03	0	0.004	0	0.008
k__Bacteria;p__Acidobacteria;c__Solibacteres;o__Solibacterales;f__g__	0	0	0	0	0	0	0	0	0.001	0	0.013	0
k__Bacteria;p__Acidobacteria;c__Solibacteres;o__Solibacterales;f__Solibacteraceae;g__	0	0	0	0	0	0	0.004	0.003	0	0.002	0	0
k__Bacteria;p__Acidobacteria;c__Solibacteres;o__Solibacterales;f__Solibacteraceae;g__Candidatus Solibacter	0	0	0	0	0	0	0.001	0	0	0	0.001	0.003
k__Bacteria;p__Acidobacteria;c__Sva0725;o__Sva0725;f__g__	0	0	0	0	0	0	0	0	0	0.002	0.001	0
k__Bacteria;p__Acidobacteria;c__[Chloracidobacteriia];o__RB41;Other;Other	0	0.001	0	0	0	0	0.001	0	0	0.002	0	0
k__Bacteria;p__Acidobacteria;c__[Chloracidobacteriia];o__RB41;f__Ellin6075;g__	0	0	0.011	0	0	0	0.013	0.001	0.008	0.005	0.018	0

k__Bacteria;p__Actinobacteria;Other;Other;Other;Other	0	0	0	0	0	0	0	0.001	0	0	0	0	0
k__Bacteria;p__Actinobacteria;c__Acidimicrobiia;o__Acidimicrobiales;Other;Other	0	0	0	0	0	0	0	0	0	0	0	0.003	0
k__Bacteria;p__Actinobacteria;c__Acidimicrobiia;o__Acidimicrobiales;f__g__	0	0.001	0	0	0	0	0	0.001	0.001	0	0.001	0.009	0
k__Bacteria;p__Actinobacteria;c__Acidimicrobiia;o__Acidimicrobiales;f__C111;g__	0	0	0	0	0	0	0	0	0.001	0	0	0.004	0
k__Bacteria;p__Actinobacteria;c__Acidimicrobiia;o__Acidimicrobiales;f__EB1017;g__	0	0.001	0	0	0	0	0	0	0	0	0	0.005	0
k__Bacteria;p__Actinobacteria;c__Actinobacteria;Other;Other;Other	0	0	0	0	0	0	0	0	0.001	0	0.003	0	0
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;Other;Other	0.007	0.007	0.012	0.003	0.007	0.002	0.023	0.012	0.006	0.02	0.019	0.009	0.009
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__g__	0	0	0	0	0	0	0	0	0	0	0	0.005	0
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Corynebacteriaceae;g__Corynebacterium	0	0	0	0.001	0	0	0.002	0	0	0	0	0	0
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Cryptosporangiaceae;g__Cryptosporangium	0	0	0	0	0	0	0.001	0	0	0	0	0	0
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Frankiaceae;g__	0	0.002	0	0	0	0.001	0.007	0.006	0	0.001	0.001	0.003	0.003
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Intrasporangiaceae;Other	0	0	0.011	0	0	0	0	0	0.001	0	0.01	0	0
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Intrasporangiaceae;g__Phycococcus	0	0	0.001	0	0	0	0	0	0	0	0	0.024	0
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Intrasporangiaceae;g__Terracoccus	0	0	0	0	0	0	0	0	0	0	0	0.001	0

k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Kineosporiaceae;g__	0	0.001	0.001	0	0	0	0.001	0	0.001	0.001	0	0.001
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Microbacteriaceae;Other	0.003	0.002	0.001	0.005	0.002	0.002	0.003	0.01	0.011	0.007	0	0.009
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Microbacteriaceae;g__	0.003	0.002	0	0.001	0.006	0.003	0.011	0.02	0.005	0.017	0	0.005
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Microbacteriaceae;g__Agrococcus	0	0	0.001	0	0	0	0	0	0	0	0	0
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Microbacteriaceae;g__Curtobacterium	0	0	0.001	0.001	0	0	0	0	0	0	0	0
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Microbacteriaceae;g__Microbacterium	0	0	0.001	0	0	0	0	0	0.002	0	0	0
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Microbacteriaceae;g__Rathayibacter	0	0	0.001	0	0	0	0	0	0	0	0	0
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Micromonosporaceae;Other	0.001	0	0	0	0.001	0	0.003	0	0	0	0	0
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Micromonosporaceae;g__	0	0	0	0	0	0	0.004	0	0.001	0	0	0.001
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Micromonosporaceae;g__Actinoplanes	0	0	0	0	0	0	0.001	0	0	0	0	0
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Mycobacteriaceae;g__Mycobacterium	0.002	0.006	0.001	0.001	0.001	0.002	0.023	0.005	0.009	0.008	0.015	0.003
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Nakamurellaceae;g__	0	0	0	0	0	0	0.002	0	0	0	0	0
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Nocardiaceae;g__Nocardia	0	0	0	0	0	0	0	0	0.001	0	0	0
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Nocardiaceae;g__Rhodococcus	0	0	0	0	0	0	0	0	0	0	0.001	0

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k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Nocardioideaceae;Other	0	0.001	0.003	0	0	0	0.002	0.001	0.004	0.001	0.022	0
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Nocardioideaceae;g__	0	0.004	0.008	0	0	0.001	0.013	0.002	0.012	0.004	0.056	0.001
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Nocardioideaceae;g__Friedmanniella	0	0	0.002	0	0	0	0.003	0	0	0.001	0.002	0
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Nocardioideaceae;g__Kribbella	0	0	0	0	0	0	0	0	0	0	0.002	0
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Nocardioideaceae;g__Nocardioides	0	0	0.001	0	0	0	0.001	0	0.002	0	0.011	0
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Propionibacteriaceae;g__Microlunatus	0	0	0.001	0	0	0	0	0	0	0.001	0	0
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Propionibacteriaceae;g__Propionibacterium	0	0.003	0	0.002	0.002	0	0.007	0	0	0	0	0.003
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Pseudonocardiaceae;Other	0	0.001	0.002	0	0	0	0.001	0	0	0	0	0.001
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Pseudonocardiaceae;g__Actinomycetospira	0.001	0.001	0.003	0.002	0	0	0.002	0	0	0.002	0.003	0.009
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Pseudonocardiaceae;g__Pseudonocardia	0.001	0.003	0.011	0.001	0.005	0.001	0.011	0	0.001	0.005	0.005	0.013
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Sporichthyaceae;g__	0	0	0	0	0	0	0.007	0	0	0	0	0
k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Streptomycetaceae;g__	0	0	0	0	0	0	0	0	0	0.001	0.002	0

k__Bacteria;p__Actinobacteria;c__Actinobacteria;o__Actinomycetales;f__Williamsiaceae;g__Williamsia	0	0	0	0	0	0	0	0	0	0.001	0	0	0
k__Bacteria;p__Actinobacteria;c__Thermoleophilia;o__Gaiellales;f__;g__	0.001	0	0	0	0	0	0	0	0	0	0	0	0
k__Bacteria;p__Actinobacteria;c__Thermoleophilia;o__Gaiellales;f__AK1AB1_02E;g__	0	0	0	0	0	0	0	0	0.002	0.001	0	0	0
k__Bacteria;p__Actinobacteria;c__Thermoleophilia;o__Solirubrobacterales;Other;Other	0	0	0	0	0.001	0	0	0.001	0	0	0.003	0.001	0
k__Bacteria;p__Actinobacteria;c__Thermoleophilia;o__Solirubrobacterales;f__;g__	0	0	0	0	0	0	0.001	0	0.001	0.001	0.001	0.001	0
k__Bacteria;p__Actinobacteria;c__Thermoleophilia;o__Solirubrobacterales;f__Patulibacteraceae;g__	0	0	0	0	0	0	0.002	0	0	0	0.001	0.001	0
k__Bacteria;p__Actinobacteria;c__Thermoleophilia;o__Solirubrobacterales;f__Patulibacteraceae;g__Patulibacter	0	0	0	0	0.004	0	0.002	0	0	0	0	0	0.004
k__Bacteria;p__Actinobacteria;c__Thermoleophilia;o__Solirubrobacterales;f__Solirubrobacteraceae;Other	0	0	0	0	0	0	0.002	0	0	0	0	0	0
k__Bacteria;p__Actinobacteria;c__Thermoleophilia;o__Solirubrobacterales;f__Solirubrobacteraceae;g__	0	0	0	0	0	0	0	0	0	0	0.002	0.002	0
k__Bacteria;p__Armatimonadetes;c__0319-6E2;o__;f__;g__	0	0	0	0	0	0	0	0	0	0	0	0.002	0
k__Bacteria;p__Armatimonadetes;c__Armatimonadia;o__Armatimonadales;f__Armatimonadaceae;g__	0	0	0.002	0	0	0	0.002	0	0.001	0.001	0.001	0.001	0
k__Bacteria;p__Armatimonadetes;c__Armatimonadia;o__FW68;f__;g__	0	0	0	0	0	0	0.001	0	0	0	0	0	0
k__Bacteria;p__Armatimonadetes;c__Chthonomonadetes;o__Chthonomonadales;f__Chthonomonadaceae;g__	0	0	0	0	0	0	0.001	0	0	0	0	0	0
k__Bacteria;p__Armatimonadetes;c__[Fimbriimonadia];o__[Fimbriimonadales];f__[Fimbriimonadaceae];Other	0	0	0	0	0	0	0.001	0	0	0	0.001	0.001	0

k__Bacteria;p__Armatimonadetes;c__[Fimbriimonadia];o__[Fimbriimonadales];f__[Fimbriimonadaceae];g__Fimbriimonas	0	0	0	0	0	0	0	0	0	0.001	0	0.001
k__Bacteria;p__Bacteroidetes;c__Cytophagia;o__Cytophagales;Other;Other	0	0	0	0	0	0	0	0	0.001	0	0.001	0
k__Bacteria;p__Bacteroidetes;c__Cytophagia;o__Cytophagales;f__Cytophagaceae;g__Dyadobacter	0	0	0.002	0.001	0	0	0	0	0.005	0	0	0
k__Bacteria;p__Bacteroidetes;c__Cytophagia;o__Cytophagales;f__Cytophagaceae;g__Hymenobacter	0.002	0	0.006	0.008	0	0.001	0.001	0	0.008	0	0.001	0
k__Bacteria;p__Bacteroidetes;c__Cytophagia;o__Cytophagales;f__Cytophagaceae;g__Larkinella	0	0	0	0	0	0	0	0	0	0	0.001	0
k__Bacteria;p__Bacteroidetes;c__Cytophagia;o__Cytophagales;f__Cytophagaceae;g__Spirosoma	0	0.002	0.003	0.013	0	0	0.013	0.001	0.007	0.004	0.004	0
k__Bacteria;p__Bacteroidetes;c__Flavobacteriia;o__Flavobacteriales;f__Flavobacteriaceae;g__Flavobacterium	0	0	0	0	0	0	0.001	0	0.001	0	0	0
k__Bacteria;p__Bacteroidetes;c__Sphingobacteriia;o__Sphingobacteriales;f__Sphingobacteriaceae;Other	0	0	0	0	0	0	0	0	0.001	0	0	0
k__Bacteria;p__Bacteroidetes;c__Sphingobacteriia;o__Sphingobacteriales;f__Sphingobacteriaceae;g__	0.001	0	0	0	0.001	0.001	0.002	0.014	0.005	0.012	0	0.005
k__Bacteria;p__Bacteroidetes;c__Sphingobacteriia;o__Sphingobacteriales;f__Sphingobacteriaceae;g__Pedobacter	0	0	0	0.002	0	0	0	0	0.002	0	0	0
k__Bacteria;p__Bacteroidetes;c__[Rhodothermi];o__[Rhodothermales];f__Rhodothermaceae;g__Rubricoccus	0	0	0	0	0	0	0	0	0.001	0	0.001	0
k__Bacteria;p__Bacteroidetes;c__[Saprospirae];Other;Other;Other	0	0	0	0	0	0	0.002	0	0	0	0	0
k__Bacteria;p__Bacteroidetes;c__[Saprospirae];o__[Saprospirales];f__Chitinophagaceae;Other	0.001	0.001	0.002	0	0	0.001	0.01	0.023	0	0.01	0.005	0
k__Bacteria;p__Bacteroidetes;c__[Saprospirae];o__[Saprospirales];f__Chitinophagaceae;g__	0.005	0.001	0.004	0	0	0.001	0.017	0.002	0.016	0.005	0.008	0.003

k__Bacteria;p__Bacteroidetes;c__[Saprospirae];o__[Saprospirales];f__Chitinophagaceae;g__Flavisoliba cter	0	0	0	0	0	0	0.001	0	0	0	0.005	0
k__Bacteria;p__Bacteroidetes;c__[Saprospirae];o__[Saprospirales];f__Chitinophagaceae;g__Segetibact er	0	0	0	0	0	0	0	0	0	0	0.006	0
k__Bacteria;p__Chloroflexi;c__Anaerolineae;o__SB R1031;f__A4b;g__	0	0	0	0	0	0.001	0	0	0	0.001	0.002	0
k__Bacteria;p__Chloroflexi;c__Anaerolineae;o__W CHB1-50;f__g__	0	0	0	0	0	0	0	0	0	0	0.001	0
k__Bacteria;p__Chloroflexi;c__Chloroflexi;o__AKIW 781;f__g__	0	0	0.001	0	0	0	0.001	0	0	0	0.001	0
k__Bacteria;p__Chloroflexi;c__Chloroflexi;o__Chlor oflexales;Other;Other	0	0	0	0	0	0	0.001	0	0	0	0.001	0
k__Bacteria;p__Chloroflexi;c__Chloroflexi;o__[Rose iflexales];f__[Kouleothrixaceae];Other	0	0	0	0	0	0	0	0	0	0	0.002	0
k__Bacteria;p__Chloroflexi;c__Chloroflexi;o__[Rose iflexales];f__[Kouleothrixaceae];g__	0	0	0	0	0	0	0	0	0	0	0.002	0
k__Bacteria;p__Chloroflexi;c__Chloroflexi;o__[Rose iflexales];f__[Kouleothrixaceae];g__Kouleothrix	0	0	0	0	0	0	0	0	0	0	0.001	0
k__Bacteria;p__Chloroflexi;c__Thermomicrobia;o__ ;f__g__	0	0	0	0	0	0	0.001	0	0	0	0	0
k__Bacteria;p__Cyanobacteria;c__4C0d- 2;o__MLE1-12;f__g__	0	0	0	0	0	0	0	0	0.001	0	0	0.003
k__Bacteria;p__Cyanobacteria;c__Chloroplast;o__S tramenopiles;f__g__	0	0	0	0	0	0	0	0.001	0	0	0.003	0
k__Bacteria;p__Cyanobacteria;c__Synechococcoph ycideae;o__Pseudanabaenales;f__Pseudanabaenac eae;g__Leptolyngbya	0	0	0	0	0	0	0	0.001	0	0	0	0
k__Bacteria;p__FBP;c__o__f__g__	0	0	0.003	0.001	0	0	0	0	0	0.002	0	0
k__Bacteria;p__Firmicutes;c__Bacilli;Other;Other;O ther	0	0	0	0	0	0	0.004	0	0	0	0	0
k__Bacteria;p__Firmicutes;c__Bacilli;o__Bacillales;f__ Bacillaceae;g__	0	0	0	0.002	0	0	0.001	0	0	0	0	0

k__Bacteria;p__Firmicutes;c__Bacilli;o__Bacillales;f__Paenibacillaceae;g__Paenibacillus	0	0	0	0	0	0	0	0	0	0.001	0	0
k__Bacteria;p__Firmicutes;c__Bacilli;o__Bacillales;f__Staphylococcaceae;g__Staphylococcus	0	0	0	0	0	0	0.001	0	0	0	0	0.001
k__Bacteria;p__Firmicutes;c__Bacilli;o__Gemellales;f__;g__	0	0	0	0	0	0	0	0	0.001	0	0	0
k__Bacteria;p__Firmicutes;c__Bacilli;o__Lactobacillales;f__Streptococcaceae;g__Streptococcus	0	0	0	0	0	0	0	0	0	0	0	0.001
k__Bacteria;p__Firmicutes;c__Clostridia;o__Clostridiales;f__;g__	0	0	0	0	0	0	0	0	0	0	0.002	0
k__Bacteria;p__Firmicutes;c__Clostridia;o__Clostridiales;f__[Tissierellaceae];g__Finegoldia	0	0	0	0	0	0	0	0	0	0	0.001	0
k__Bacteria;p__Firmicutes;c__Clostridia;o__Clostridiales;f__[Tissierellaceae];g__Peptoniphilus	0	0	0	0	0	0	0.001	0	0	0	0	0
k__Bacteria;p__Gemmatimonadetes;c__Gemmatimonadetes;Other;Other;Other	0	0	0	0	0	0	0	0	0.001	0	0	0
k__Bacteria;p__Gemmatimonadetes;c__Gemmatimonadetes;o__Gemmatimonadales;Other;Other	0	0	0	0	0	0	0	0	0	0	0.002	0
k__Bacteria;p__Gemmatimonadetes;c__Gemmatimonadetes;o__Gemmatimonadales;f__;g__	0	0	0.002	0	0	0	0	0	0	0.001	0.004	0
k__Bacteria;p__Gemmatimonadetes;c__Gemmatimonadetes;o__N1423WL;f__;g__	0	0	0	0	0	0	0	0	0	0	0.002	0
k__Bacteria;p__Planctomycetes;c__Phycisphaerae;o__WD2101;f__;g__	0	0	0.003	0	0	0	0.01	0.001	0.003	0.003	0.007	0.009
k__Bacteria;p__Planctomycetes;c__Planctomycetia;o__Gemmatales;f__Gemmataceae;Other	0	0	0	0	0	0	0	0	0	0.001	0	0
k__Bacteria;p__Planctomycetes;c__Planctomycetia;o__Gemmatales;f__Gemmataceae;g__	0	0	0	0	0	0	0	0	0	0.001	0.001	0.001
k__Bacteria;p__Planctomycetes;c__Planctomycetia;o__Gemmatales;f__Gemmataceae;g__Gemmata	0	0	0	0	0.002	0.002	0.004	0	0	0.001	0.003	0.003

k__Bacteria;p__Planctomycetes;c__Planctomycetia;o__Gemmatales;f__Isosphaeraceae;Other	0	0	0	0	0.001	0	0	0.003	0	0.002	0	0.001
k__Bacteria;p__Planctomycetes;c__Planctomycetia;o__Gemmatales;f__Isosphaeraceae;g__	0.002	0	0.002	0.004	0.011	0.001	0.013	0.011	0.002	0.008	0.013	0.025
k__Bacteria;p__Planctomycetes;c__Planctomycetia;o__Pirellulales;f__Pirellulaceae;Other	0	0	0	0	0	0	0	0	0	0.005	0	0
k__Bacteria;p__Planctomycetes;c__Planctomycetia;o__Pirellulales;f__Pirellulaceae;g__A17	0	0	0	0	0	0	0	0	0	0	0.001	0
k__Bacteria;p__Planctomycetes;c__Planctomycetia;o__Planctomycetales;f__Planctomycetaceae;g__Planctomyces	0	0	0	0	0	0	0	0	0	0.001	0	0
k__Bacteria;p__Planctomycetes;c__vadinHA49;o__p04_C01;f__g__	0	0	0	0	0	0	0	0	0	0.004	0	0
k__Bacteria;p__Proteobacteria;Other;Other;Other;Other	0.006	0.043	0.027	0.015	0.001	0.001	0.009	0.011	0.012	0.006	0.006	0.003
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;Other;Other;Other	0.004	0.025	0.038	0.013	0.052	0.025	0.024	0.015	0.012	0.029	0.008	0.023
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__f__g__	0	0	0.001	0	0	0	0.003	0	0.001	0.003	0.002	0.003
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Caulobacteriales;f__Caulobacteraceae;Other	0.001	0	0.001	0.003	0	0	0.007	0.007	0.013	0.002	0.009	0.002
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Caulobacteriales;f__Caulobacteraceae;g__	0.002	0	0.001	0.002	0.006	0.001	0.01	0.004	0	0	0.008	0.002
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Caulobacteriales;f__Caulobacteraceae;g__Caulobacter	0.001	0.001	0	0	0.001	0	0	0	0.002	0	0	0.002
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Caulobacteriales;f__Caulobacteraceae;g__Mycoplana	0	0.006	0.004	0	0	0	0	0	0.004	0.001	0.018	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Caulobacteriales;f__Caulobacteraceae;g__Phenylobacterium	0.002	0.001	0	0	0	0.001	0.002	0.003	0.001	0.004	0.007	0.005
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Ellin329;f__g__	0.001	0	0	0	0	0.001	0.002	0.003	0	0.004	0	0.021

k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;Other;Other	0.014	0.016	0.013	0.013	0.021	0.012	0.072	0.063	0.018	0.041	0.048	0.033
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__g__	0	0.001	0	0	0	0	0	0	0	0	0.002	0.001
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__Aurantimonadaceae;Other	0	0	0	0.001	0	0	0	0	0	0	0	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__Aurantimonadaceae;g__	0	0	0	0	0	0	0	0	0.001	0	0.001	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__Beijerinckiaceae;Other	0	0	0.003	0.001	0.015	0.003	0.001	0.005	0.001	0.005	0.007	0.002
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__Beijerinckiaceae;g__	0.001	0.001	0.002	0	0	0	0.007	0	0	0.003	0.003	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__Beijerinckiaceae;g__Beijerinckia	0.001	0	0	0.001	0.009	0.008	0.009	0.015	0	0.012	0	0.009
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__Bradyrhizobiaceae;Other	0.005	0.005	0.004	0.001	0.005	0.008	0.014	0.061	0.007	0.007	0.01	0.016
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__Bradyrhizobiaceae;g__	0	0.001	0	0	0	0	0.001	0.002	0.001	0	0	0.001
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__Bradyrhizobiaceae;g__Balneimonas	0	0	0.002	0	0	0	0	0	0.001	0	0.006	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__Bradyrhizobiaceae;g__Bosea	0	0.004	0	0	0	0.001	0.006	0.001	0.001	0	0.001	0.002
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__Bradyrhizobiaceae;g__Bradyrhizobium	0.004	0.005	0.001	0.002	0.004	0.003	0.022	0.092	0.013	0.023	0.02	0.025
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__Hyphomicrobiaceae;Other	0	0	0	0	0	0	0	0	0	0	0	0.001
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__Hyphomicrobiaceae;g__Devosia	0	0.002	0.002	0.001	0	0.001	0	0	0.004	0.001	0.005	0

k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__Hyphomicrobiaceae;g__Hyphomicrobium	0	0	0	0	0	0.001	0	0.002	0	0.001	0.002	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__Hyphomicrobiaceae;g__Rhodoplanes	0	0	0	0	0	0	0	0	0.001	0	0.003	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__Methylobacteriaceae;Other	0	0.001	0.002	0.001	0.001	0	0.004	0.004	0.001	0.003	0.007	0.004
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__Methylobacteriaceae;g__	0	0.003	0.003	0.002	0.001	0.002	0.008	0.005	0.002	0.002	0.025	0.013
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__Methylobacteriaceae;g__Methylobacterium	0.001	0.01	0.014	0.008	0.013	0.008	0.036	0.024	0.006	0.015	0.026	0.016
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__Methylocystaceae;Other	0	0	0	0	0	0.001	0.003	0	0	0	0	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__Methylocystaceae;g__	0.001	0	0	0	0.01	0.006	0.026	0.049	0	0.011	0.003	0.01
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__Methylocystaceae;g__Methylopila	0	0	0	0	0	0	0	0	0.001	0	0.002	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__Phyllobacteriaceae;Other	0	0.001	0.001	0	0	0	0.001	0	0.003	0.003	0.003	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__Phyllobacteriaceae;g__Aminobacter	0	0	0	0	0	0	0.001	0	0.001	0.001	0	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__Phyllobacteriaceae;g__Mesorhizobium	0.002	0	0.002	0	0	0	0	0	0.002	0.003	0.005	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__Rhizobiaceae;Other	0.003	0.002	0.001	0	0.001	0	0.001	0	0.002	0.001	0.003	0.002
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__Rhizobiaceae;g__Agrobacterium	0	0	0	0	0	0.001	0.001	0	0.002	0	0	0

k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__Rhizobiaceae;g__Kaistia	0	0	0	0	0	0	0.001	0	0	0	0	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__Rhizobiaceae;g__Shinella	0	0	0	0.003	0	0	0	0.002	0	0	0	0.004
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__Xanthobacteraceae;Other	0	0	0	0	0	0	0	0.001	0	0	0	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhizobiales;f__Xanthobacteraceae;g__Labrys	0.001	0	0	0	0	0	0.001	0.011	0	0.002	0.001	0.002
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhodobacterales;f__Hyphomonadaceae;g__	0	0	0	0	0	0	0.002	0	0	0.002	0.003	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhodobacterales;f__Rhodobacteraceae;g__Rubellimicrobium	0	0	0.002	0	0	0	0	0	0	0	0.003	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhodospirillales;Other;Other	0.001	0	0	0	0	0	0	0	0	0	0	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhodospirillales;f__g__	0	0	0	0	0	0	0	0	0.001	0	0	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhodospirillales;f__Acetobacteraceae;Other	0	0	0.002	0.001	0	0.001	0.002	0.002	0.001	0.003	0.006	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhodospirillales;f__Acetobacteraceae;g__	0.004	0	0	0.002	0.004	0.002	0.024	0.019	0.003	0.008	0.008	0.006
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhodospirillales;f__Acetobacteraceae;g__Roseomonas	0	0	0.001	0	0	0	0.001	0	0.001	0	0.002	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhodospirillales;f__Rhodospirillaceae;g__	0	0	0	0	0	0	0	0.001	0.001	0	0	0.001
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rickettsiales;Other;Other	0	0.006	0.002	0	0	0.001	0	0	0.001	0.001	0	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rickettsiales;f__g__	0	0.603	0.245	0	0	0.576	0.001	0.001	0	0.138	0	0

k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rickettsiales;f__Anaplasmataceae;g__Ehrlichia	0	0	0	0	0	0	0	0	0.058	0	0	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rickettsiales;f__Rickettsiaceae;Other	0.001	0.001	0.003	0.003	0	0.001	0	0	0.001	0.002	0	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rickettsiales;f__Rickettsiaceae;g__Rickettsia	0.872	0.162	0.395	0.746	0.411	0.25	0.003	0	0.539	0.313	0.004	0.463
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Sphingomonadales;Other;Other	0.002	0.006	0.02	0.004	0.018	0.001	0.008	0.005	0.002	0.003	0.004	0.001
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Sphingomonadales;f__g__	0	0	0	0	0	0	0	0	0	0	0.006	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Sphingomonadales;f__Erythrobacteraceae;g__	0	0	0	0	0	0	0.001	0	0	0	0	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Sphingomonadales;f__Sphingomonadaceae;Other	0.009	0.008	0.022	0.02	0.121	0.006	0.143	0.04	0.027	0.036	0.107	0.021
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Sphingomonadales;f__Sphingomonadaceae;g__	0	0.001	0.001	0	0	0.001	0.027	0.001	0.005	0.002	0.015	0.001
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Sphingomonadales;f__Sphingomonadaceae;g__Kaistobacter	0	0	0.001	0	0	0	0.01	0	0	0	0.018	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Sphingomonadales;f__Sphingomonadaceae;g__Novosphingobium	0	0.001	0.001	0	0.001	0	0.001	0.001	0	0.011	0.008	0.002
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Sphingomonadales;f__Sphingomonadaceae;g__Sphingobium	0	0.001	0.002	0	0	0	0.007	0.001	0.003	0.001	0.003	0
k__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Sphingomonadales;f__Sphingomonadaceae;g__Sphingomonas	0.002	0.002	0.008	0.055	0.092	0.013	0.164	0.07	0.047	0.062	0.121	0.048
k__Bacteria;p__Proteobacteria;c__Betaproteobacteria;Other;Other;Other	0	0.001	0.002	0	0	0	0.005	0	0.001	0.001	0.004	0
k__Bacteria;p__Proteobacteria;c__Betaproteobacteria	0	0	0	0	0	0	0	0	0	0	0.002	0

ria;o__;f__;g__												
k__Bacteria;p__Proteobacteria;c__Betaproteobacteria;o__Burkholderiales;Other;Other	0	0	0.002	0.001	0.001	0	0.01	0.008	0	0.004	0.003	0.001
k__Bacteria;p__Proteobacteria;c__Betaproteobacteria;o__Burkholderiales;f__;g__	0	0	0	0	0	0	0.001	0	0	0.002	0	0.001
k__Bacteria;p__Proteobacteria;c__Betaproteobacteria;o__Burkholderiales;f__Burkholderiaceae;Other	0	0	0	0.001	0.001	0	0.001	0.005	0	0.002	0.002	0.001
k__Bacteria;p__Proteobacteria;c__Betaproteobacteria;o__Burkholderiales;f__Burkholderiaceae;g__Burkholderia	0.002	0.002	0.001	0.004	0.002	0.003	0.001	0.025	0	0.004	0	0.007
k__Bacteria;p__Proteobacteria;c__Betaproteobacteria;o__Burkholderiales;f__Comamonadaceae;Other	0.004	0	0.01	0	0.001	0.003	0.011	0.002	0.01	0.004	0.021	0.01
k__Bacteria;p__Proteobacteria;c__Betaproteobacteria;o__Burkholderiales;f__Comamonadaceae;g__	0	0	0	0	0	0	0.001	0	0	0	0	0
k__Bacteria;p__Proteobacteria;c__Betaproteobacteria;o__Burkholderiales;f__Comamonadaceae;g__Comamonas	0	0	0	0	0	0	0	0	0	0	0.001	0
k__Bacteria;p__Proteobacteria;c__Betaproteobacteria;o__Burkholderiales;f__Comamonadaceae;g__Methylibium	0.001	0.001	0.004	0	0	0.001	0.012	0.007	0.005	0.008	0.033	0.002
k__Bacteria;p__Proteobacteria;c__Betaproteobacteria;o__Burkholderiales;f__Comamonadaceae;g__Pelomonas	0	0	0	0	0	0	0	0	0	0	0	0.002
k__Bacteria;p__Proteobacteria;c__Betaproteobacteria;o__Burkholderiales;f__Comamonadaceae;g__Rhodoferax	0	0	0.001	0	0	0	0.001	0	0.001	0.001	0.002	0
k__Bacteria;p__Proteobacteria;c__Betaproteobacteria;o__Burkholderiales;f__Comamonadaceae;g__Rubrivivax	0	0	0	0	0	0	0	0	0	0	0.001	0
k__Bacteria;p__Proteobacteria;c__Betaproteobacteria;o__Burkholderiales;f__Comamonadaceae;g__Variovorax	0	0.003	0.01	0.006	0	0.001	0.005	0.009	0.013	0.003	0.004	0.006
k__Bacteria;p__Proteobacteria;c__Betaproteobacteria;o__Burkholderiales;f__Oxalobacteraceae;Other	0.001	0	0.001	0.011	0	0	0	0	0	0.001	0.001	0

k__Bacteria;p__Proteobacteria;c__Betaproteobacteria;o__Burkholderiales;f__Oxalobacteraceae;g__	0	0	0	0	0	0	0	0	0	0.001	0	0	0
k__Bacteria;p__Proteobacteria;c__Betaproteobacteria;o__Burkholderiales;f__Oxalobacteraceae;g__Janthinobacterium	0	0	0	0.005	0.001	0	0.001	0.001	0.001	0.001	0	0.003	0
k__Bacteria;p__Proteobacteria;c__Betaproteobacteria;o__Burkholderiales;f__Oxalobacteraceae;g__Ralstonia	0	0	0	0	0	0	0	0	0	0	0.001	0	0
k__Bacteria;p__Proteobacteria;c__Betaproteobacteria;o__SC-I-84;f__g__	0	0	0	0	0	0	0	0	0	0	0	0.001	0
k__Bacteria;p__Proteobacteria;c__Deltaproteobacteria;o__Bdellovibrionales;f__Bdellovibrionaceae;g__Bdellovibrio	0	0	0	0.002	0	0	0.001	0.001	0.002	0.002	0	0	0
k__Bacteria;p__Proteobacteria;c__Deltaproteobacteria;o__MIZ46;f__g__	0	0	0	0	0	0	0	0	0.001	0	0.001	0	0
k__Bacteria;p__Proteobacteria;c__Deltaproteobacteria;o__Myxococcales;Other;Other	0	0	0	0	0	0	0	0	0.008	0	0	0	0
k__Bacteria;p__Proteobacteria;c__Deltaproteobacteria;o__Myxococcales;f__g__	0	0.001	0	0	0	0	0.001	0.001	0	0.005	0.003	0	0
k__Bacteria;p__Proteobacteria;c__Deltaproteobacteria;o__Myxococcales;f__Polyangiaceae;Other	0	0	0	0	0.004	0	0	0	0	0	0	0	0
k__Bacteria;p__Proteobacteria;c__Deltaproteobacteria;o__Spirobacillales;f__g__	0	0	0	0	0	0	0.001	0	0	0.001	0	0	0
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;Other;Other;Other	0.001	0.003	0.003	0	0	0	0	0	0.001	0.001	0.002	0	0
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Enterobacteriales;f__Enterobacteriaceae;Other	0	0	0	0	0	0	0	0	0	0	0	0.001	0
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Legionellales;f__g__	0	0	0	0	0	0	0	0	0	0.001	0	0	0
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Legionellales;f__Coxiellaceae;g__Coxiella	0.013	0.023	0.006	0.003	0	0	0.005	0.002	0.004	0.002	0.001	0.002	0.002

k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Pseudomonadales;f__Pseudomonadaceae;Other	0	0	0	0	0	0	0	0	0	0.003	0	0
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Pseudomonadales;f__Pseudomonadaceae;g__Pseudomonas	0	0	0	0	0	0	0.002	0.002	0.002	0.003	0.002	0.001
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Xanthomonadales;Other;Other	0	0	0	0	0	0	0	0.001	0	0	0	0
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Xanthomonadales;f__Sinobacteraceae;g__	0	0	0	0	0	0	0	0	0	0.002	0	0.004
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Xanthomonadales;f__Sinobacteraceae;g__Hydrocarboniphaga	0	0	0	0	0	0.001	0	0	0.001	0	0	0.005
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Xanthomonadales;f__Xanthomonadaceae;Other	0	0	0	0	0	0	0	0	0	0	0	0.004
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Xanthomonadales;f__Xanthomonadaceae;g__	0	0	0	0	0	0	0	0	0	0.004	0.001	0.006
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Xanthomonadales;f__Xanthomonadaceae;g__Dokdonella	0	0	0	0	0	0	0	0	0	0	0	0.001
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Xanthomonadales;f__Xanthomonadaceae;g__Dyella	0	0	0	0	0	0	0	0	0.001	0.003	0	0.008
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Xanthomonadales;f__Xanthomonadaceae;g__Luteibacter	0	0.001	0	0	0	0	0	0.006	0	0	0	0.004
k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Xanthomonadales;f__Xanthomonadaceae;g__Thermomonas	0	0	0	0	0	0	0	0	0	0	0.001	0
k__Bacteria;p__Spirochaetes;c__Spirochaetes;o__[Borreliales];f__[Borreliaceae];g__Borrelia	0	0	0	0	0	0	0	0	0	0	0.013	0
k__Bacteria;p__TM6;c__SJA-4;o__f__g__	0	0	0	0	0	0	0	0	0.003	0	0	0
k__Bacteria;p__TM7;c__SC3;o__f__g__	0	0	0	0	0	0	0.001	0	0	0	0	0

k__Bacteria;p__TM7;c__TM7-1;o__;f__;g__	0	0	0.003	0	0.001	0	0.001	0	0.005	0.001	0.002	0.002
k__Bacteria;p__TM7;c__TM7-3;Other;Other;Other	0	0	0	0	0	0	0	0.001	0	0	0	0
k__Bacteria;p__TM7;c__TM7-3;o__;f__;g__	0	0	0.001	0	0	0	0	0	0.001	0	0	0
k__Bacteria;p__TM7;c__TM7-3;o__Blgi18;f__;g__	0	0	0	0	0	0	0	0	0.001	0	0	0
k__Bacteria;p__TM7;c__TM7-3;o__EW055;f__;g__	0	0	0	0	0	0	0	0	0.002	0	0	0
k__Bacteria;p__Verrucomicrobia;Other;Other;Other;Other	0	0	0	0	0	0	0.001	0	0.001	0.002	0	0.001
k__Bacteria;p__Verrucomicrobia;c__Verrucomicrobiae;o__Verrucomicrobiales;f__Verrucomicrobiaceae;g__	0	0	0	0	0	0	0	0	0.001	0	0	0.003
k__Bacteria;p__Verrucomicrobia;c__Verrucomicrobiae;o__Verrucomicrobiales;f__Verrucomicrobiaceae;g__Luteolibacter	0	0	0	0	0	0	0	0	0	0	0.001	0
k__Bacteria;p__Verrucomicrobia;c__[Spartobacteria];o__[Chthoniobacterales];f__[Chthoniobacteraceae];Other	0	0	0	0	0	0	0.001	0	0	0	0.001	0.002
k__Bacteria;p__Verrucomicrobia;c__[Spartobacteria];o__[Chthoniobacterales];f__[Chthoniobacteraceae];g__Chthoniobacter	0	0	0	0.001	0	0	0	0.001	0	0	0	0.001
k__Bacteria;p__Verrucomicrobia;c__[Spartobacteria];o__[Chthoniobacterales];f__[Chthoniobacteraceae];g__Ellin506	0	0	0	0	0	0	0.001	0	0	0.001	0.001	0.002
k__Bacteria;p__WPS-2;c__;o__;f__;g__	0	0.001	0	0.001	0	0	0	0	0	0	0	0.001