

ID ASV	Type	r.g.	p-value	signif	Phylum	Class	Order	Family	Genus
428	ago1-27	0.866	0.0079	**	Proteobacteria	Gammaproteobacteria	Legionellales	Legionellaceae	Legionella
306	ago1-27	0.819	0.0037	**	Planctomycetes	Planctomycetacia	Planctomycetales	Planctomycetaceae	Planctomyces
513	ago1-27	0.701	0.0097	**	Bacteroidetes	NA	NA	NA	NA
820	Control	0.833	0.0043	**	Proteobacteria	Alphaproteobacteria	Rhizobiales	Hyphomicrobiaceae	Devosia
238	Control	0.827	0.0018	**	Verrucomicrobia	Opitutae	Opitales	Opitutaceae	Opitutus
35	Control	0.822	0.0052	**	Proteobacteria	Betaproteobacteria	Burkholderiales	Oxalobacteraceae	Massilia
224	Control	0.807	0.0036	**	Planctomycetes	Phycisphaerae	Tepidisphaerales	Tepidisphaeraceae	TepidisphaeraceaeFA
866	Control	0.766	0.0065	**	Firmicutes	Clostridia	Halanaerobiales	Halobacteroidaceae	uncultured-Halobacteroidaceae
894	Control	0.756	0.0039	**	Proteobacteria	Deltaproteobacteria	Myxococcales	Sandaracinaceae	uncultured-Sandaracinaceae
204	dcl1.2	0.781	0.0048	**	TM6 (Dependentiae)	TM6 (Dependentiae)PH	TM6 (Dependentiae)PH	TM6 (Dependentiae)PH	TM6 (Dependentiae)PH
481	hen1.4	0.982	0.0002	***	Bacteroidetes	Sphingobacteriia	Sphingobacteriales	NS11-12 marine group	NS11-12 marine groupFA
118	hen1.4	0.980	0.0002	***	Verrucomicrobia	Opitutae	Opitales	Opitutaceae	Opitutus
965	hen1.4	0.942	0.0002	***	Proteobacteria	Gammaproteobacteria	X35	X35OR	X35OR
726	hen1.4	0.937	0.0002	***	Proteobacteria	Gammaproteobacteria	HTA4	HTA4OR	HTA4OR
168	hen1.4	0.895	0.0036	**	Bacteroidetes	Flavobacteriia	Flavobacteriales	Cryomorphaceae	Crocinitomix
190	hen1.4	0.868	0.0036	**	Proteobacteria	Betaproteobacteria	Nitrosomonadales	Gallionellaceae	Candidatus Nitrotoga
941	hen1.4	0.867	0.0027	**	Proteobacteria	Alphaproteobacteria	Rickettsiales	Holosporaceae	HolosporaceaeFA
218	hen1.4	0.860	0.0031	**	Proteobacteria	Deltaproteobacteria	Myxococcales	Blfdi19	Blfdi19FA
280	hen1.4	0.853	0.0035	**	Proteobacteria	Deltaproteobacteria	Myxococcales	Blrii41	Blrii41FA
41	hen1.4	0.827	0.0005	***	Verrucomicrobia	Opitutae	Opitales	Opitutaceae	Opitutus
275	hen1.4	0.802	0.0041	**	Bacteroidetes	Sphingobacteriia	Sphingobacteriales	Chitinophagaceae	uncultured-Chitinophagaceae
619	hen1.4	0.795	0.0070	**	Proteobacteria	Gammaproteobacteria	Legionellales	Coxiellaceae	Aquicella
30	hen1.4	0.794	0.0003	***	Proteobacteria	Alphaproteobacteria	Rhizobiales	Rhizobiales Incertae Sedis	Rhizomicrobium
360	hen1.4	0.777	0.0036	**	Proteobacteria	Deltaproteobacteria	Myxococcales	P3OB-42	P3OB-42FA
251	hen1.4	0.776	0.0014	**	Proteobacteria	Deltaproteobacteria	Bdellovibrionales	Bdellovibrionaceae	Bdellovibrio
84	hen1.4	0.762	0.0040	**	Verrucomicrobia	OPB35 soil group	OPB35 soil groupCL	OPB35 soil groupCL	OPB35 soil groupCL
328	hen1.4	0.733	0.0065	**	Proteobacteria	Deltaproteobacteria	Myxococcales	Sandaracinaceae	uncultured-Sandaracinaceae
617	hen1.4	0.702	0.0099	**	Proteobacteria	Alphaproteobacteria	Rhizobiales	Rhizobiales Incertae Sedis	Rhizomicrobium
102	RTL1	0.902	0.0004	***	Proteobacteria	Betaproteobacteria	Burkholderiales	Comamonadaceae	Aquicola
321	RTL1	0.803	0.0057	**	Proteobacteria	Deltaproteobacteria	Bdellovibrionales	Bdellovibrionaceae	OM27 clade
578	RTL1	0.776	0.0084	**	Proteobacteria	Alphaproteobacteria	Caulobacterales	Caulobacteraceae	Caulobacter
885	RTL1	0.760	0.0088	**	Proteobacteria	Gammaproteobacteria	Legionellales	Coxiellaceae	Aquicella

73 RTL1	0.731	0.0089	**	Proteobacteria	Betaproteobacteria	Burkholderiales	Comamonadaceae	Limnohabitans
151 RTL1	0.727	0.0088	**	Proteobacteria	Betaproteobacteria	Burkholderiales	Comamonadaceae	NA
572 RTL1	0.695	0.0083	**	Proteobacteria	Betaproteobacteria	Neisseriales	Neisseriaceae	Vogesella
282 WT	1.000	0.0031	**	Planctomycetes	Planctomycetacia	Planctomycetales	Planctomycetaceae	Planctomyces
303 WT	0.983	0.0031	**	Bacteroidetes	Sphingobacteriia	Sphingobacteriales	env.OPS 17	env.OPS 17FA
750 WT	0.965	0.0031	**	Proteobacteria	Betaproteobacteria	Burkholderiales	Oxalobacteraceae	Herbaspirillum
1236 WT	0.964	0.0031	**	Proteobacteria	Alphaproteobacteria	Sphingomonadales	Erythrobacteraceae	Altererythrobacter
223 WT	0.953	0.0031	**	Bacteroidetes	Sphingobacteriia	Sphingobacteriales	Chitinophagaceae	Sediminibacterium
923 WT	0.897	0.0040	**	Proteobacteria	Betaproteobacteria	Burkholderiales	Comamonadaceae	Caenimonas
719 WT	0.885	0.0036	**	Proteobacteria	Gammaproteobacteria	Cellvibrionales	Cellvibrionaceae	Cellvibrio
1280 WT	0.883	0.0031	**	Bacteroidetes	Cytophagia	Cytophagales	Cytophagaceae	Cytophaga
717 WT	0.859	0.0031	**	Bacteroidetes	Flavobacteriia	Flavobacteriales	Flavobacteriaceae	Chryseobacterium
938 WT	0.852	0.0078	**	Proteobacteria	Alphaproteobacteria	Rhizobiales	BCf3-20	BCf3-20FA
402 WT	0.849	0.0031	**	Bacteroidetes	Sphingobacteriia	Sphingobacteriales	Sphingobacteriaceae	Pedobacter
1069 WT	0.846	0.0031	**	Proteobacteria	Alphaproteobacteria	Rhizobiales	Hyphomicrobiaceae	Devosia
554 WT	0.808	0.0052	**	Verrucomicrobia	Opitutae	Opitutales	Opitutaceae	Opitutus
1025 WT	0.752	0.0099	**	Actinobacteria	Actinobacteria	Corynebacteriales	Mycobacteriaceae	Mycobacterium
389 WT	0.748	0.0057	**	Verrucomicrobia	OPB35 soil group	OPB35 soil groupCL	OPB35 soil groupCL	OPB35 soil groupCL
1903 WT	0.712	0.0031	**	Proteobacteria	Gammaproteobacteria	Pseudomonadales	Pseudomonadaceae	Pseudomonas
166 WT	0.710	0.0031	**	Proteobacteria	Betaproteobacteria	Burkholderiales	Oxalobacteraceae	Massilia