

OTU	Phyla	Class	Order	Family	Genus	Spearman Rho	P-value
67	Cyanobacteria	Chloroplast			Uncultured Picoeukaryote	0.391	0.001
96	Proteobacteria	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	Unclassified	0.1	0.098
98	Cyanobacteria	Cyanobacteria	SubsectionI	FamilyI	Marine Group	0.315	0.032
137	Planctomycetes	Planctomycetacia	Planctomycetales	Planctomycetaceae	Bythopirellula	0.175	0.061
162	Cyanobacteria	Chloroplast			<i>Braarudospaera bigelowii</i> Chloroplast	0.313	0.02
191	Proteobacteria	Gammaproteobacteria	Oceanospirillales	Alcanivoracaceae	Kangiella	NA	NA
216	Firmicutes	Bacilli	Bacillales		Unclassified	0.285	0.01
241	Unclassified Bacteria				Unclassified	0.213	0.092
243	Bacteroidetes	Flavobacteriia	Flavobacteriales	Flavobacteriaceae	Ulvibacter	0.289	0.042
253	Unclassified Bacteria	Unclassified Bacteria	Unclassified Bacteria	Unclassified Bacteria	Unclassified	0.136	0.225
282	Proteobacteria	Gammaproteobacteria	Oceanospirillales	Oceanospirillaceae	Pseudospirillum	0.401	0.007
396	Unclassified Bacteria					-0.068	0.557
400	Chloroflexi	SAR202 clade			Unclassified	0.041	0.27
407	Bacteroidetes	Sphingobacteriia	Sphingobacteriales	Saprosiraceae	Unclassified	Na	NA
548	Cyanobacteria	Chloroplast			Uncultured Eukaryote Chloroplast DNA	0.279	0.053
611	Proteobacteria	Betaproteobacteria			Unclassified	0.272	0.04
700	Euryarchaeota	Thermoplasmata	Thermoplasmatales	Marine_Group_II	Unclassified	NA	NA
845	Unclassified Bacteria				Unclassified	NA	NA
887	Proteobacteria	Gammaproteobacteria	Alteromonadales	Colwelliaceae	Colwellia	0.145	0.217
OVERALL						0.592	0.02