A Helping Hand: Fungi, as well as Bacteria, Support Ecophysiological Descriptors to Depict the *Posidonia oceanica* Conservation Status

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Table S1. Environmental parameter values collected from the Bio-ORACLE dataset (v.3.0; mean values over the last ten years) and processed with QGIS (v.3.34.9) at both sampling sites.

Sampling site	Temperature (°C)	Salinity (ppt)	pH	Dissolved O_2 (mmol·m-3)	Nitrate (mmol·m-3)	Phosphate (mmol·m-3)	Silicate (mmol·m-3)
Limassol	22.07	39.2	8.05	221.15	0.07	0.006	1.93
Amathus	21.97	39.2	8.05	221.88	0.07	0.004	1.94

Table S2. Ranges of DNA concentration (ng/µL) for each sample type and site, extracted using the DNeasy PowerSoil DNA Kit (QIAGEN) and quantified with Nanodrop spectrophotometer. Values represent the lowest and the highest concentration across the three independent replicates per sample type.

Sample type	*Sites*	*DNA extraction Yield (µg/µl)*
Seawater	Limassol	0.8–1.0
	Amathus	0.8–1.0
Sediment	Limassol	7.4–9.1
	Amathus	6.3–8.2
Leaves	Limassol	3.5–6.1
	Amathus	4.3–6.0

Table S3: Raw reads, DADA2 output, and final reads obtained after filtering procedures for bacterial (**A**) and fungal **(B**) sequences by using QIIME 2. The table provides an overview of the input data and the DADA2 output, detailing the number of retained sequences after the sequential processing steps performed by DADA2, which include quality filtering, denoising, merging, and chimera removal. The numbers are reported as the sum of three replicates for each sample. The final output displays the count of sequences remaining after applying supplementary filtering processes, specifically the feature-table filter-features step (based on minimum feature frequency thresholds) and the taxa filter-table step (which removes chloroplast, mitochondria, and unclassified sequences).

A) Bacteria

	Sites	*Raw data*	*DADA2 output*	*Final output*
Seawater	Limassol	308322	35182	31292
	Amathus	223695	27185	24327
Sediment	Limassol	423347	50292	45190
	Amathus	204605	31246	29733
Leaves	Limassol	255070	42015	24813
	Amathus	197988	28982	16012

B) Fungi

	Sites	*Raw data*	*DADA2 output*	*Final output*
Sediment	Limassol	263188	146667	50922
	Amathus	246582	136672	43637
Leaves	Limassol	238742	146087	38461
	Amathus	242396	134331	24633

Table S4. OTUs identification. In bold are indicated the bacterial (A) or fungal (B) OTUs found at Limassol-Site and Amathus-Site 2 in *P. oceanica* leaves and abiotic matrices.
* Conf.= confidence. The confidence value refers to the last classified taxonomic level. It ranges from 0 to 1; a value close to 1 suggests the best assignment.

A) BACTERIA

OTU	Kingdom	Phylum	Class	Order	Family	Genus	Species	Conf.*
OTU001	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	SAR86_clade	*SAR86_clade*	*NA*	0.98
OTU002	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	SAR86_clade	*SAR86_clade*	*marine_metagenome*	1.00
OTU003	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	SAR86_clade	*SAR86_clade*	*marine_metagenome*	1.00
OTU004	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Oceanospirillaceae	*Oceanospirillum*	*Oceanospirillum_beijerinckii*	0.95
OTU005	Bacteria	Pseudomonadota	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	*Erythrobacter*	*Erythrobacter_vulgaris*	0.87
OTU006	Bacteria	Firmicutes	Bacilli	Izemoplasmatales	Izemoplasmatales	*Izemoplasmatales*	*uncultured_bacterium*	0.90
OTU007	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	0.99
OTU008	Bacteria	Bacteroidota	Bacteroidia	Cytophagales	Microscillaceae	*Microscilla*	*NA*	1.00
OTU009	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Shewanellaceae	*Shewanella*	*NA*	1.00
OTU010	Bacteria	Desulfobacterota	Desulfuromonadia	Desulfuromonadales	Desulfuromonadaceae	*Trichloromonas*	*uncultured_bacterium*	0.90
OTU011	Bacteria	Bacteroidota	Bacteroidia	Bacteroidetes_VC2,1_Bac22	Bacteroidetes_VC2,1_Bac22	*Bacteroidetes_VC2,1_Bac22*	*uncultured_Cytophaga*	0.98
OTU012	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU013	Bacteria	Firmicutes	Clostridia	Peptostreptococcales-Tissierellales	Dethiosulfatibacteraceae	*Dethiosulfatibacter*	*Dethiosulfatibacter_aminovorans*	0.87
OTU014	Bacteria	Firmicutes	Desulfitobacteriia	Desulfitobacteriales	Syntrophobotulaceae	*Dehalobacter*	*uncultured_bacterium*	0.89
OTU015	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Shewanellaceae	*Ferrimonas*	*NA*	1.00
OTU016	Archaea	Halobacterota	Methanosarcinia	Methanosarciniales	Methanosarcinaceae	*Methanosarcina*	*NA*	1.00
OTU017	Bacteria	Bacteroidota	Bacteroidia	Cytophagales	Cyclobacteriaceae	*NA*	*NA*	1.00
OTU018	Bacteria	Bacteroidota	Bacteroidia	Chitinophagales	Saprospiraceae	*Aureispira*	*Aureispira_maritima*	0.99
OTU019	Bacteria	Pseudomonadota	Gammaproteobacteria	Thiohalorhabdales	Thiohalorhabdaceae	*NA*	*uncultured_gamma*	0.99
OTU020	Bacteria	Desulfobacterota	Desulfobulbia	Desulfobulbales	Desulfocapsaceae	*NA*	*NA*	0.98
OTU021	Bacteria	Chloroflexi	Anaerolineae	Ardenticatenales	Ardenticatenaceae	*NA*	*uncultured_Chloroflexi*	0.99
OTU022	Bacteria	Firmicutes	Clostridia	Oscillospirales	Hungateiclostridiaceae	*NA*	*NA*	0.98
OTU023	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU024	Bacteria	Desulfobacterota	Desulfobacteria	Desulfobacterales	Desulfobacteraceae	*Desulfobacter*	*NA*	1.00
OTU025	Bacteria	Pseudomonadota	Gammaproteobacteria	Thiotrichales	Thiotrichaceae	*NA*	*NA*	0.98
OTU026	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	0.99
OTU027	Bacteria	Planctomycetota	Planctomycetes	Pirellulales	Pirellulaceae	*Bythopirellula*	*uncultured_bacterium*	0.98

OTU	Kingdom	Phylum	Class	Order	Family	Genus	Species	Conf.*
OTU028	Bacteria	Bacteroidota	Bacteroidia	Chitinophagales	Saprospiraceae	*uncultured_marine*	*uncultured_marine*	0.97
OTU029	Bacteria	Firmicutes	Desulfitobacteriia	Desulfitobacteriales	Syntrophobotulaceae	*Candidatus_Dichloromethanomonas*	*uncultured_bacterium*	0.89
OTU030	Bacteria	Pseudomonadota	Gammaproteobacteria	Arenicellales	Arenicellaceae	*NA*	*NA*	1.00
OTU031	Bacteria	Bacteroidota	Bacteroidia	Bacteroidales	Marinilabiliaceae	*NA*	*NA*	1.00
OTU032	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Crocinitomicaceae	*Salinirepens*	*uncultured_Bacteroidetes*	0.97
OTU033	Bacteria	Pseudomonadota	Gammaproteobacteria	Thiotrichales	Thiotrichaceae	*NA*	*uncultured_sediment*	0.97
OTU034	Bacteria	Desulfobacterota	Desulfobulbia	Desulfobulbales	Desulfobulbaceae	*NA*	*NA*	1.00
OTU035	Bacteria	Myxococcota	Polyangia	Polyangiales	Sandaracinaceae	*NA*	*bacterium_enrichment*	0.99
OTU036	Bacteria	Bacteroidota	Bacteroidia	Bacteroidales	Prolixibacteraceae	*Draconibacterium*	*NA*	1.00
OTU037	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*Aureicoccus*	*Aureicoccus_marinus*	0.99
OTU038	Bacteria	Pseudomonadota	Gammaproteobacteria	Chromatiales	Chromatiaceae	*Candidatus_Thiobios*	*NA*	1.00
OTU039	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Moraxellaceae	*NA*	*NA*	1.00
OTU040	Bacteria	Firmicutes	Clostridia	Peptostreptococcales-Tissierellales	Sedimentibacteraceae	*Sedimentibacter*	*Sedimentibacter_acidaminivorans*	0.99
OTU041	Bacteria	Bacteroidota	Bacteroidia	Chitinophagales	Saprospiraceae	*Portibacter*	*Portibacter_lacus*	0.99
OTU042	Bacteria	Bacteroidota	Rhodothermia	Rhodothermales	Rhodothermaceae	*NA*	*NA*	1.00
OTU043	Bacteria	NB1-j	NB1-j	NB1-j	NB1-j	*NB1-j*	*NA*	1.00
OTU044	Bacteria	Firmicutes	Clostridia	Lachnospirales	Lachnospiraceae	*Vallitalea*	*uncultured_bacterium*	0.98
OTU045	Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiaceae	*Oceanirhabdus*	*uncultured_bacterium*	0.98
OTU046	Bacteria	Pseudomonadota	Alphaproteobacteria	Parvibaculales	PS1_clade	*PS1_clade*	*NA*	0.95
OTU047	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Cellvibrionaceae	*Halioxenophilus*	*NA*	1.00
OTU048	Bacteria	Latescibacterota	Latescibacterota	Latescibacterota	Latescibacterota	*Latescibacterota*	*NA*	1.00
OTU049	Bacteria	Pseudomonadota	Alphaproteobacteria	Thalassobaculales	uncultured	*NA*	*uncultured_proteobacterium*	0.95
OTU050	Bacteria	Pseudomonadota	Gammaproteobacteria	Arenicellales	Arenicellaceae	*Perspicuibacter*	*uncultured_bacterium*	0.97
OTU051	Bacteria	Pseudomonadota	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	*Erythrobacter*	*Erythrobacter_vulgaris*	0.99
OTU052	Bacteria	SAR324_clade (Marine_group_B)	SAR324_clade (Marine_group_B)	SAR324_clade (Marine_group_B)	SAR324_clade (Marine_group_B)	*SAR324_clade (Marine_group_B)*	*uncultured_marine*	0.85
OTU053	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	SAR86_clade	*SAR86_clade*	*NA*	1.00
OTU054	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	SAR86_clade	*SAR86_clade*	*uncultured_bacterium*	0.87
OTU055	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Alteromonadaceae	*Alteromonas*	*NA*	0.77
OTU056	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*NA*	*NA*	1.00
OTU057	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhizobiales	Rhizobiaceae	*Aurantimonas*	*NA*	0.92
OTU058	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Vibrionaceae	*Vibrio*	*Vibrio_agarivorans*	0.80

OTU	Kingdom	Phylum	Class	Order	Family	Genus	Species	Conf.*
OTU059	Bacteria	Pseudomonadota	Gammaproteobacteria	Burkholderiales	Rhodocyclaceae	*Azoarcus*	*NA*	0.97
OTU060	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*Roseicyclus*	*NA*	0.89
OTU061	Bacteria	Desulfobacterota	Desulfobulbia	Desulfobulbales	Desulfocapsaceae	*Desulfotalea*	*Desulfotalea_sp,*	0.83
OTU062	Bacteria	Pseudomonadota	Alphaproteobacteria	Caulobacterales	Hyphomonadaceae	*Hirschia*	*Hirschia_baltica*	0.98
OTU063	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	0.96
OTU064	Bacteria	Pseudomonadota	Alphaproteobacteria	uncultured	uncultured	*uncultured*	*uncultured*	0.79
OTU065	Bacteria	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidaceae	*Bacteroides*	*Bacteroides_cellulosilyticus*	0.74
OTU066	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU067	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhizobiales	Rhizobiales_Incertae_Sedis	*Anderseniella*	*NA*	1.00
OTU068	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhizobiales	Rhizobiaceae	*Hoeflea*	*NA*	0.96
OTU069	Bacteria	Pseudomonadota	Alphaproteobacteria	uncultured	uncultured	*alpha_proteobacterium*	*alpha_proteobacterium*	1.00
OTU070	Bacteria	Desulfobacterota	Desulfuromonadia	Desulfuromonadales	Geopsychrobacteraceae	*NA*	*NA*	1.00
OTU071	Bacteria	Firmicutes	Clostridia	Peptostreptococcales-Tissierellales	Fusibacteraceae	*Fusibacter*	*uncultured_Fusibacter*	0.73
OTU072	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*Gilvibacter*	*uncultured_Bacteroidetes*	0.81
OTU073	Bacteria	Bacteroidota	Bacteroidia	Chitinophagales	Saprospiraceae	*NA*	*NA*	0.97
OTU074	Bacteria	Bacteroidota	Bacteroidia	Sphingobacteriales	NS11-12_marine_group	*NS11-12_marine_group*	*uncultured_marine*	0.80
OTU075	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*NS4_marine_group*	*uncultured_Flavobacteriia*	0.94
OTU076	Bacteria	Bacteroidota	Bacteroidia	Chitinophagales	Saprospiraceae	*Lewinella*	*Lewinella_agarilytica*	0.95
OTU077	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	0.98
OTU078	Bacteria	Actinobacteriota	Acidimicrobiia	Actinomarinales	uncultured	*NA*	*NA*	1.00
OTU079	Bacteria	Pseudomonadota	Gammaproteobacteria	B2M28	B2M28	*B2M28*	*uncultured_gamma*	0.96
OTU080	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhizobiales	Rhizobiaceae	*NA*	*NA*	0.92
OTU081	Bacteria	Desulfobacterota	Syntrophobacteria	Syntrophobacterales	uncultured	*uncultured*	*uncultured_delta*	0.97
OTU082	Bacteria	Actinobacteriota	Acidimicrobiia	Microtrichales	Microtrichaceae	*uncultured*	*Acidimicrobidae_bacterium*	0.94
OTU083	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Nitrincolaceae	*Amphritea*	*uncultured_gamma*	0.85
OTU084	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU085	Bacteria	Pseudomonadota	Alphaproteobacteria	Thalassobaculales	Nisaeaceae	*Nisaea*	*NA*	1.00
OTU086	Bacteria	Pseudomonadota	Gammaproteobacteria	EPR3968-O8a-Bc78	EPR3968-O8a-Bc78	*EPR3968-O8a-Bc78*	*NA*	1.00
OTU087	Bacteria	Bacteroidota	Rhodothermia	Rhodothermales	Rhodothermaceae	*NA*	*uncultured_deep-sea*	0.95
OTU088	Bacteria	Pseudomonadota	Alphaproteobacteria	SAR11_clade	Clade_IV	*Clade_IV*	*uncultured_alpha*	0.94
OTU089	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Cellvibrionaceae	*NA*	*NA*	0.73
OTU090	Bacteria	Bacteroidota	Bacteroidia	Chitinophagales	Saprospiraceae	*Lewinella*	*uncultured_Bacteroidetes*	0.98

OTU	Kingdom	Phylum	Class	Order	Family	Genus	Species	Conf.*
OTU091	Archaea	Euryarchaeota	Methanobacteria	Methanobacteriales	Methanobacteriaceae	*Methanobacterium*	*Methanobacterium_formicicum*	0.95
OTU092	Bacteria	Pseudomonadota	Gammaproteobacteria	Burkholderiales	Methylophilaceae	*Methylotenera*	*NA*	0.86
OTU093	Bacteria	Desulfobacterota	Desulfobacteria	Desulfobacterales	Desulfosarcinaceae	*NA*	*benzene_mineralizing*	0.78
OTU094	Bacteria	Spirochaetota	Spirochaetia	Spirochaetales	Spirochaetaceae	*Spirochaeta_2*	*Oceanispirochaeta_sediminicola*	0.95
OTU095	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU096	Bacteria	Bacteroidota	Bacteroidia	Chitinophagales	Saprospiraceae	*Saprospira*	*Saprospira_grandis*	0.87
OTU097	Bacteria	Pseudomonadota	Alphaproteobacteria	Caulobacterales	Hyphomonadaceae	*Hellea*	*NA*	1.00
OTU098	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Halieaceae	*Haliea*	*NA*	0.76
OTU099	Bacteria	Bacteroidota	Bacteroidia	Bacteroidales	Marinifilaceae	*Marinifilum*	*Lactobacillales_bacterium*	1.00
OTU100	Bacteria	Firmicutes	Clostridia	Peptostreptococcales-Tissierellales	Anaerovoracaceae	*NA*	*uncultured_bacterium*	0.97
OTU101	Bacteria	Firmicutes	Clostridia	Peptostreptococcales-Tissierellales	Fusibacteraceae	*Fusibacter*	*unidentified_proteobacterium*	0.92
OTU102	Bacteria	Acidobacteriota	Vicinamibacteria	Vicinamibacterales	uncultured	*NA*	*NA*	0.97
OTU103	Bacteria	Chloroflexi	Anaerolineae	Anaerolineales	Anaerolineaceae	*NA*	*NA*	1.00
OTU104	Bacteria	Chloroflexi	KD4-96	KD4-96	KD4-96	*KD4-96*	*uncultured_bacterium*	0.75
OTU105	Bacteria	Actinobacteriota	Thermoleophilia	Gaiellales	uncultured	*NA*	*NA*	0.92
OTU106	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Alteromonadaceae	*NA*	*NA*	1.00
OTU107	Bacteria	Pseudomonadota	Alphaproteobacteria	Puniceispirillales	SAR116_clade	*SAR116_clade*	*NA*	1.00
OTU108	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodospirillales	uncultured	*uncultured_Epulopiscium*	*uncultured_Epulopiscium*	1.00
OTU109	Bacteria	Pseudomonadota	Gammaproteobacteria	Granulosicoccales	Granulosicoccaceae	*Granulosicoccus*	*uncultured_bacterium*	0.89
OTU110	Bacteria	Desulfobacterota	Desulfuromonadia	Desulfuromonadales	Geopsychrobacteraceae	*Desulfuromusa*	*Desulfuromusa_ferrireducens*	0.83
OTU111	Archaea	Asgardarchaeota	Lokiarchaeia	Lokiarchaeia	Lokiarchaeia	*Lokiarchaeia*	*uncultured_marine*	1.00
OTU112	Bacteria	Actinobacteriota	Thermoleophilia	Solirubrobacterales	67-14	*67-14*	*uncultured_Rubrobacteraceae*	0.96
OTU113	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*Lutibacter*	*NA*	1.00
OTU114	Bacteria	Cyanobacteria	Cyanobacteriia	Synechococcales	Cyanobiaceae	*Prochlorococcus_MIT9313*	*Prochlorococcus_marinus*	0.71
OTU115	Bacteria	Myxococcota	Myxococcia	Myxococcales	Myxococcaceae	*P3OB-42*	*uncultured_organism*	0.81
OTU116	Bacteria	Planctomycetota	Planctomycetes	Pirellulales	Pirellulaceae	*NA*	*NA*	1.00
OTU117	Bacteria	Bacteroidota	Bacteroidia	Chitinophagales	Saprospiraceae	*NA*	*NA*	0.97
OTU118	Bacteria	SAR324_clade (Marine_group_B)	SAR324_clade (Marine_group_B)	SAR324_clade (Marine_group_B)	SAR324_clade (Marine_group_B)	*SAR324_clade* (Marine_group_B)	*uncultured_bacterium*	0.85
OTU119	Bacteria	Actinobacteriota	Acidimicrobiia	Microtrichales	Microtrichaceae	*Sva0996_marine_group*	*uncultured_marine*	0.95
OTU120	Bacteria	Bacteroidota	Bacteroidia	Chitinophagales	Saprospiraceae	*NA*	*NA*	0.99

OTU	Kingdom	Phylum	Class	Order	Family	Genus	Species	Conf.*
OTU121	Bacteria	Bacteroidota	Bacteroidia	Chitinophagales	Saprospiraceae	*NA*	*NA*	0.70
OTU122	Bacteria	Pseudomonadota	Gammaproteobacteria	Granulosicoccales	Granulosicoccaceae	*Granulosicoccus*	*uncultured_gamma*	1.00
OTU123	Bacteria	Pseudomonadota	Alphaproteobacteria	Caulobacterales	Hyphomonadaceae	*NA*	*NA*	1.00
OTU124	Bacteria	Cyanobacteria	Cyanobacteriia	Synechococcales	Synechococcales_Incertae_Sedis	*Schizothrix_LEGE_07164*	*uncultured_cyanobacterium*	0.91
OTU125	Bacteria	Chloroflexi	Anaerolineae	Ardenticatenales	Ardenticatenaceae	*uncultured_Chloroflexi*	*uncultured_Chloroflexi*	1.00
OTU126	Bacteria	Planctomycetota	Planctomycetes	Pirellulales	Pirellulaceae	*Rhodopirellula*	*NA*	0.87
OTU127	Bacteria	Acidobacteriota	Thermoanaerobaculia	Thermoanaerobaculales	Thermoanaerobaculaceae	*Subgroup_10*	*uncultured_Acidobacteria*	0.72
OTU128	Bacteria	Planctomycetota	Planctomycetes	Pirellulales	Pirellulaceae	*NA*	*NA*	0.94
OTU129	Bacteria	Verrucomicrobiota	Verrucomicrobiae	Opitutales	Puniceicoccaceae	*Coraliomargarita*	*uncultured_Verrucomicrobia*	0.85
OTU130	Bacteria	Actinobacteriota	Acidimicrobiia	Microtrichales	Microtrichaceae	*NA*	*NA*	1.00
OTU131	Bacteria	Latescibacterota	Latescibacterota	Latescibacterota	Latescibacterota	*Latescibacterota*	*uncultured_Gemmatimonadetes*	1.00
OTU132	Bacteria	Desulfobacterota	Desulfobaccia	Desulfobaccales	Desulfobaccaceae	*Desulfobacca*	*uncultured_delta*	1.00
OTU133	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*Roseicyclus*	*NA*	0.84
OTU134	Bacteria	Chloroflexi	Anaerolineae	SBR1031	SBR1031	*SBR1031*	*uncultured_bacterium*	0.91
OTU135	Bacteria	Chloroflexi	Anaerolineae	uncultured	uncultured	*uncultured_Chloroflexi*	*uncultured_Chloroflexi*	0.85
OTU136	Bacteria	Calditrichota	Calditrichia	Calditrichales	Calditrichaceae	*Calorithrix*	*NA*	1.00
OTU137	Bacteria	Desulfobacterota	Desulfobulbia	Desulfobulbales	Desulfobulbaceae	*NA*	*NA*	0.98
OTU138	Bacteria	Bacteroidota	Rhodothermia	Rhodothermales	Rhodothermaceae	*NA*	*NA*	1.00
OTU139	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*Leisingera*	*NA*	0.90
OTU140	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU141	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU142	Bacteria	Pseudomonadota	Alphaproteobacteria	Caulobacterales	Hyphomonadaceae	*NA*	*NA*	1.00
OTU143	Bacteria	Bacteroidota	Bacteroidia	Bacteroidales	Marinifilaceae	*NA*	*NA*	0.98
OTU144	Bacteria	Bacteroidota	Bacteroidia	Bacteroidales	Marinifilaceae	*Marinifilum*	*NA*	1.00
OTU145	Bacteria	Bacteroidota	Bacteroidia	Cytophagales	Cyclobacteriaceae	*Fulvivirga*	*uncultured_Bacteroidetes*	1.00
OTU146	Archaea	Halobacterota	Methanosarcinia	Methanosarciniales	Methanosarcinaceae	*NA*	*NA*	1.00
OTU147	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodospirillales	Magnetospiraceae	*uncultured_Rhodospirillaceae*	*uncultured_Rhodospirillaceae*	0.85
OTU148	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*NA*	*NA*	0.79
OTU149	Bacteria	Pseudomonadota	Alphaproteobacteria	Puniceispirillales	SAR116_clade	*SAR116_clade*	*uncultured_Alphaproteobacteria*	0.83
OTU150	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*NS4_marine_group*	*uncultured_Flavobacteriaceae*	0.98

OTU	Kingdom	Phylum	Class	Order	Family	Genus	Species	Conf.*
OTU151	Bacteria	Pseudomonadota	Alphaproteobacteria	SAR11_clade	Clade_IV	*Clade_IV*	*uncultured_bacterium*	0.76
OTU152	Bacteria	Pseudomonadota	Alphaproteobacteria	Puniceispirillales	SAR116_clade	*Candidatus_Puniceispirillum*	*NA*	0.99
OTU153	Bacteria	Marinimicrobia (SAR406_clade)	Marinimicrobia (SAR406_clade)	Marinimicrobia (SAR406_clade)	Marinimicrobia (SAR406_clade)	*Marinimicrobia (SAR406_clade)*	*Marinimicrobia_bacterium*	1.00
OTU154	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	SAR86_clade	*SAR86_clade*	*marine_metagenome*	0.85
OTU155	Bacteria	Pseudomonadota	Alphaproteobacteria	Rickettsiales	S25-593	*S25-593*	*NA*	1.00
OTU156	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	NS7_marine_group	*NS7_marine_group*	*NA*	1.00
OTU157	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodospirillales	AEGEAN-169_marine_group	*AEGEAN-169_marine_group*	*Uncultured Alphaproteobacteria*	0.90
OTU158	Bacteria	Bacteroidota	Bacteroidia	Chitinophagales	Saprospiraceae	*Aureispira*	*uncultured_bacterium*	1.00
OTU159	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	SAR86_clade	*SAR86_clade*	*bacterium_WHC4-9*	0.81
OTU160	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	SAR86_clade	*SAR86_clade*	*bacterium_WHC7-12*	0.99
OTU161	Bacteria	Verrucomicrobiota	Verrucomicrobiae	Opitutales	Puniceicoccaceae	*MB11C04_marine_group*	*NA*	1,00
OTU162	Bacteria	Bdellovibrionota	Bdellovibrionia	Bdellovibrionales	Bdellovibrionaceae	*OM27_clade*	*NA*	1.00
OTU163	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Halieaceae	*OM60(NOR5)_clade*	*NA*	0.96
OTU164	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	NS9_marine_group	*NS9_marine_group*	*NA*	0.98
OTU165	Bacteria	Pseudomonadota	Gammaproteobacteria	Coxiellales	Coxiellaceae	*Coxiella*	*uncultured_bacterium*	0.84
OTU166	Bacteria	Pseudomonadota	Gammaproteobacteria	Coxiellales	Coxiellaceae	*Coxiella*	*uncultured_marine*	1.00
OTU167	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	SAR86_clade	*SAR86_clade*	*uncultured_bacterium*	0.82
OTU168	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Spongiibacteraceae	*BD1-7_clade*	*uncultured_gamma*	0.98
OTU169	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	NS9_marine_group	*NS9_marine_group*	*uncultured_bacterium*	0.70
OTU170	Bacteria	Cyanobacteria	Cyanobacteriia	Phormidesmiales	Phormidesmiaceae	*Acrophormium_PCC-7375*	*NA*	0.97
OTU171	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU172	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*Actibacter*	*NA*	0.93
OTU173	Bacteria	Nitrospirota	Nitrospiria	Nitrospirales	Nitrospiraceae	*Nitrospira*	*uncultured_Cytophaga*	0.98
OTU174	Bacteria	Pseudomonadota	Gammaproteobacteria	UBA10353_marine_group	UBA10353_marine_group	*UBA10353_marine_group*	*NA*	0.97
OTU175	Bacteria	Pseudomonadota	Gammaproteobacteria	Ga0077536	Ga0077536	*Ga0077536*	*uncultured_gamma*	0.99
OTU176	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*Aquibacter*	*NA*	0.95
OTU177	Bacteria	Firmicutes	Bacilli	Izemoplasmatales	Izemoplasmataceae	*Izimaplasma*	*uncultured_bacterium*	1.00
OTU178	Bacteria	Bacteroidota	Bacteroidia	Bacteroidales	Marinilabiliaceae	*Carboxylicivirga*	*Carboxylicivirga_flava*	0.99
OTU179	Bacteria	Campylobacterota	Campylobacteria	Campylobacterales	Arcobacteraceae	*Halarcobacter*	*uncultured_Arcobacter*	0.94
OTU180	Bacteria	Firmicutes	Clostridia	Lachnospirales	Defluviitaleaceae	*Defluviitaleaceae_UCG-011*	*uncultured_prokaryote*	1.00
OTU181	Bacteria	Fusobacteriota	Fusobacteriia	Fusobacteriales	Fusobacteriaceae	*Propionigenium*	*uncultured_bacterium*	0.84

OTU	Kingdom	Phylum	Class	Order	Family	Genus	Species	Conf.*
OTU182	Bacteria	Pseudomonadota	Alphaproteobacteria	Parvibaculales	PS1_clade	*PS1_clade*	*NA*	0.75
OTU183	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Porticoccaceae	*C1-B045*	*uncultured_bacterium*	0.92
OTU184	Bacteria	Bacteroidota	Bacteroidia	Chitinophagales	*NA*	*NA*	*NA*	1.00
OTU185	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	0.99
OTU186	Bacteria	Bacteroidota	Bacteroidia	Chitinophagales	Saprospiraceae	*Rubidimonas*	*uncultured_Bacteroidetes*	1.00
OTU187	Bacteria	Pseudomonadota	Gammaproteobacteria	Granulosicoccales	Granulosicoccaceae	*Granulosicoccus*	*uncultured_gamma*	1.00
OTU188	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	0.94
OTU189	Bacteria	Bacteroidota	Bacteroidia	Chitinophagales	Saprospiraceae	*NA*	*NA*	0.98
OTU190	Bacteria	Chloroflexi	Anaerolineae	Anaerolineales	Anaerolineaceae	*uncultured_deep-sea*	*uncultured_deep-sea*	0.98
OTU191	Bacteria	Firmicutes	Clostridia	Peptostreptococcales-Tissierellales	Fusibacteraceae	*Fusibacter*	*uncultured_proteobacterium*	1.00
OTU192	Bacteria	Chloroflexi	Anaerolineae	*NA*	*NA*	*NA*	*NA*	0.92
OTU193	Bacteria	Desulfobacterota	Desulfobulbia	Desulfobulbales	Desulfocapsaceae	*NA*	*NA*	0.95
OTU194	Bacteria	Planctomycetota	Phycisphaerae	MSBL9	SG8-4	*SG8-4*	*NA*	1.00
OTU195	Bacteria	Planctomycetota	Planctomycetes	Pirellulales	Pirellulaceae	*Pir4_lineage*	*uncultured_planctomycete*	0.96
OTU196	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhizobiales	Methyloligellaceae	*NA*	*NA*	0.99
OTU197	Archaea	Halobacterota	Methanosarcinia	Methanosarciniales	Methanosarcinaceae	*NA*	*NA*	1.00
OTU198	Bacteria	Pseudomonadota	Gammaproteobacteria	*NA*	*NA*	*NA*	*NA*	1.00
OTU199	Bacteria	Bacteroidota	Bacteroidia	Cytophagales	Cyclobacteriaceae	*NA*	*NA*	0.96
OTU200	Bacteria	Pseudomonadota	Gammaproteobacteria	Tenderiales	Tenderiaceae	*Candidatus_Tenderia*	*uncultured_bacterium*	1.00
OTU201	Bacteria	Pseudomonadota	Gammaproteobacteria	BD7-8	BD7-8	*BD7-8*	*NA*	0.89
OTU202	Bacteria	Desulfobacterota	Desulfobacteria	Desulfobacterales	Desulfosarcinaceae	*Sva0081_sediment_group*	*NA*	0.81
OTU203	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Halieaceae	*NA*	*NA*	0.99
OTU204	Bacteria	Spirochaetota	Spirochaetia	Spirochaetales	Spirochaetaceae	*Spirochaeta*	*uncultured_bacterium*	0.97
OTU205	Bacteria	Acidobacteriota	Thermoanaerobaculia	Thermoanaerobaculales	Thermoanaerobaculaceae	*Subgroup_10*	*NA*	0.78
OTU206	Bacteria	Desulfobacterota	Desulfuromonadia	Desulfuromonadales	Geopsychrobacteraceae	*NA*	*NA*	1.00
OTU207	Bacteria	Pseudomonadota	Alphaproteobacteria	Puniceispirillales	SAR116_clade	*Candidatus_Puniceispirillum*	*NA*	0.96
OTU208	Bacteria	Pseudomonadota	Alphaproteobacteria	Puniceispirillales	SAR116_clade	*Candidatus_Puniceispirillum*	*NA*	0.96
OTU209	Bacteria	Pseudomonadota	Alphaproteobacteria	Puniceispirillales	SAR116_clade	*SAR116_clade*	*NA*	1.00
OTU210	Bacteria	Pseudomonadota	Alphaproteobacteria	Thalassobaculales	NA	*NA*	*NA*	0.84
OTU211	Bacteria	Pseudomonadota	Alphaproteobacteria	Rickettsiales	S25-593	*S25-593*	*uncultured_bacterium*	0.95
OTU212	Bacteria	Pseudomonadota	Gammaproteobacteria	pItb-vmat-80	pItb-vmat-80	*pItb-vmat-80*	*uncultured_bacterium*	0.86
OTU213	Bacteria	Pseudomonadota	Alphaproteobacteria	SAR11_clade	Clade_III	*Clade_III*	*Uncultured Alphaproteobacteria*	0.70

OTU	Kingdom	Phylum	Class	Order	Family	Genus	Species	Conf.*
OTU214	Bacteria	Pseudomonadota	Alphaproteobacteria	SAR11_clade	Clade_I	*Clade_Ia*	*NA*	0.98
OTU215	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	SAR86_clade	*SAR86_clade*	*marine_metagenome*	1.00
OTU216	Bacteria	Verrucomicrobiota	Kiritimatiellae	Kiritimatiellales	Kiritimatiellaceae	*R76-B128*	*NA*	1.00
OTU217	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*NS5_marine_group*	*uncultured_Flavobacteriia*	0.73
OTU218	Bacteria	Firmicutes	Bacilli	Izemoplasmatales	Izemoplasmatales	*Izemoplasmatales*	*uncultured_bacterium*	0.98
OTU219	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Saccharospirillaceae	*Oleispira*	*Oleispira_lenta*	0.81
OTU220	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Vibrionaceae	*Vibrio*	*NA*	0.96
OTU221	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU222	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Shewanellaceae	*Shewanella*	*NA*	1.00
OTU223	Bacteria	Bacteroidota	Bacteroidia	Cytophagales	Cyclobacteriaceae	*uncultured_soil*	*uncultured_soil*	0.86
OTU224	Bacteria	Bacteroidota	Bacteroidia	Bacteroidales	Marinifilaceae	*Marinifilum*	*Marinifilum_fragile*	0.75
OTU225	Bacteria	Firmicutes	Clostridia	Peptostreptococcales-Tissierellales	Fusibacteraceae	*Fusibacter*	*NA*	0.93
OTU226	Bacteria	Firmicutes	Clostridia	Peptostreptococcales-Tissierellales	*NA*	*NA*	*NA*	0.95
OTU227	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*Aquibacter*	*uncultured_Bacteroidetes*	0.71
OTU228	Bacteria	Firmicutes	Clostridia	Peptostreptococcales-Tissierellales	Fusibacteraceae	*Fusibacter*	*Clostridiales_bacterium*	1.00
OTU229	Bacteria	Pseudomonadota	Gammaproteobacteria	Gammaproteobacteria_Incertae_Sedis	*NA*	*NA*	*NA*	1.00
OTU230	Bacteria	NB1-j	NB1-j	NB1-j	NB1-j	*NB1-j*	*NA*	1.00
OTU231	Bacteria	Dadabacteria	Dadabacteriia	Dadabacteriales	Dadabacteriales	*Dadabacteriales*	*uncultured_bacterium*	0.98
OTU232	Bacteria	Bacteroidota	Bacteroidia	Cytophagales	Cyclobacteriaceae	*NA*	*NA*	0.93
OTU233	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Colwelliaceae	*Thalassotalea*	*NA*	1.00
OTU234	Bacteria	Nitrospirota	Thermodesulfovibrionia	*NA*	*NA*	*NA*	*NA*	0.93
OTU235	Bacteria	Planctomycetota	Phycisphaerae	Phycisphaerales	Phycisphaeraceae	*Urania-1B-19_marine_sediment_group*	*uncultured_planctomycete*	0.94
OTU236	Bacteria	Desulfobacterota	Desulfobacteria	Desulfobacterales	Desulfosarcinaceae	*Desulfosarcina*	*NA*	1.00
OTU237	Bacteria	Pseudomonadota	Gammaproteobacteria	Arenicellales	Arenicellaceae	*Arenicella*	*uncultured_bacterium*	0.80
OTU238	Bacteria	Pseudomonadota	Gammaproteobacteria	Tenderiales	Tenderiaceae	*Candidatus_Tenderia*	*uncultured_gamma*	0.89
OTU239	Bacteria	Planctomycetota	Planctomycetes	Pirellulales	Pirellulaceae	*Rubripirellula*	*NA*	1.00
OTU240	Bacteria	Desulfobacterota	Desulfovibrionia	Desulfovibrionales	Desulfovibrionaceae	*Halodesulfovibrio*	*Halodesulfovibrio_oceani*	0.74
OTU241	Bacteria	NB1-j	NB1-j	NB1-j	NB1-j	*NB1-j*	*uncultured_bacterium*	0.81
OTU242	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Halieaceae	*OM60(NOR5)clade*	*NA*	0.99
OTU243	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	SAR86_clade	*SAR86_clade*	*NA*	1.00

OTU	Kingdom	Phylum	Class	Order	Family	Genus	Species	Conf.*
OTU244	Bacteria	Verrucomicrobiota	Verrucomicrobiae	Opitutales	Puniceicoccaceae	*Coraliomargarita*	*NA*	1.00
OTU245	Bacteria	Pseudomonadota	Gammaproteobacteria	Thiotrichales	Thiotrichaceae	*NA*	*NA*	1.00
OTU246	Bacteria	Desulfobacterota	Desulfobacteria	Desulfobacterales	Desulfobacteraceae	*NA*	*NA*	1.00
OTU247	Bacteria	Bacteroidota	Bacteroidia	Bacteroidales	*NA*	*NA*	*NA*	1.00
OTU248	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*Winogradskyella*	*uncultured_marine*	0.94
OTU249	Bacteria	Firmicutes	Clostridia	Oscillospirales	Ruminococcaceae	*Ruminococcus*	*NA*	0.90
OTU250	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*NA*	*NA*	1.00
OTU251	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Colwelliaceae	*Colwellia*	*NA*	1.00
OTU252	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*Shimia*	*NA*	0.95
OTU253	Bacteria	Cyanobacteria	Cyanobacteriia	Synechococcales	Cyanobiaceae	*NA*	*NA*	1.00
OTU254	Bacteria	Verrucomicrobiota	Verrucomicrobiae	Opitutales	Puniceicoccaceae	*Lentimonas*	*seawater_metagenome*	0.96
OTU255	Bacteria	Desulfobacterota	Desulfobulbia	Desulfobulbales	Desulfobulbaceae	*NA*	*NA*	0.86
OTU256	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Oleiphilaceae	*Oleiphilus*	*NA*	1.00
OTU257	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*NS4_marine_group*	*NA*	1.00
OTU258	Bacteria	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidetes_BD2-2	*Bacteroidetes_BD2-2*	*NA*	1.00
OTU259	Bacteria	Bacteroidota	Bacteroidia	Chitinophagales	*NA*	*NA*	*NA*	1.00
OTU260	Bacteria	Campylobacterota	Campylobacteria	Campylobacterales	Arcobacteraceae	*Arcobacter*	*Arcobacter_sp,*	0.74
OTU261	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	0.98
OTU262	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	KI89A_clade	*KI89A_clade*	*NA*	1.00
OTU263	Bacteria	Pseudomonadota	Alphaproteobacteria	Kiloniellales	Kiloniellaceae	*NA*	*NA*	0.83
OTU264	Bacteria	Nitrospirota	4-29-1	4-29-1	4-29-1	*4-29-1*	*NA*	1.00
OTU265	Bacteria	Bacteroidota	Bacteroidia	Chitinophagales	Saprospiraceae	*NA*	*NA*	0.93
OTU266	Bacteria	Desulfobacterota	Desulfuromonadia	Bradymonadales	Bradymonadales	*Bradymonadales*	*uncultured_delta*	0.95
OTU267	Archaea	Crenarchaeota	Nitrososphaeria	Nitrosopumilales	Nitrosopumilaceae	*Candidatus_Nitrosopumilus*	*NA*	1.00
OTU268	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU269	Bacteria	NB1-j	NB1-j	NB1-j	NB1-j	*NB1-j*	*uncultured_organism*	0.97
OTU270	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Halieaceae	*OM60(NOR5)clade*	*uncultured_Haliea*	1.00
OTU271	Bacteria	Pseudomonadota	Alphaproteobacteria	Kiloniellales	Kiloniellaceae	*Pelagibius*	*Uncultured Alphaproteobacteria*	0.79
OTU272	Bacteria	Pseudomonadota	Gammaproteobacteria	uncultured	uncultured	*uncultured*	*uncultured_gamma*	0.72
OTU273	Bacteria	Planctomycetota	Planctomycetes	Pirellulales	Pirellulaceae	*NA*	*NA*	1.00
OTU274	Bacteria	Pseudomonadota	Gammaproteobacteria	HOC36	HOC36	*HOC36*	*uncultured_sediment*	1.00
OTU275	Bacteria	Pseudomonadota	Gammaproteobacteria	HOC36	HOC36	*HOC36*	*uncultured_sediment*	0.96

OTU	Kingdom	Phylum	Class	Order	Family	Genus	Species	Conf.*
OTU276	Bacteria	Acidobacteriota	Thermoanaerobaculia	Thermoanaerobaculales	Thermoanaerobaculaceae	*Subgroup_10*	*NA*	1.00
OTU277	Bacteria	Planctomycetota	OM190	OM190	OM190	*OM190*	*uncultured_Planctomyces*	1.00
OTU278	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*Kordia*	*NA*	1.00
OTU279	Bacteria	Actinobacteriota	Acidimicrobiia	Microtrichales	Microtrichaceae	*Sva0996_marine_group*	*uncultured_organism*	0.89
OTU280	Bacteria	Desulfobacterota	Desulfobacteria	Desulfatiglandales	Desulfatiglandaceae	*Desulfatiglans*	*NA*	1.00
OTU281	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Shewanellaceae	*Ferrimonas*	*Ferrimonas_sediminum*	0.95
OTU282	Bacteria	Bacteroidota	Bacteroidia	Chitinophagales	Saprospiraceae	*Rubidimonas*	*uncultured_bacterium*	1.00
OTU283	Bacteria	Pseudomonadota	Gammaproteobacteria	Granulosicoccales	Granulosicoccaceae	*Granulosicoccus*	*uncultured_proteobacterium*	0.79
OTU284	Bacteria	Bacteroidota	Bacteroidia	Chitinophagales	Saprospiraceae	*Portibacter*	*uncultured_bacterium*	0.90
OTU285	Bacteria	Verrucomicrobiota	Verrucomicrobiae	Verrucomicrobiales	Rubritaleaceae	*Rubritalea*	*uncultured_bacterium*	0.80
OTU286	Bacteria	Actinobacteriota	Acidimicrobiia	Microtrichales	Microtrichaceae	*Sva0996_marine_group*	*NA*	1.00
OTU287	Bacteria	Bacteroidota	Bacteroidia	Chitinophagales	Saprospiraceae	*Lewinella*	*NA*	0.88
OTU288	Bacteria	Bacteroidota	Bacteroidia	Chitinophagales	Saprospiraceae	*NA*	*NA*	0.99
OTU289	Bacteria	Bacteroidota	Bacteroidia	Chitinophagales	Saprospiraceae	*Lewinella*	*uncultured_bacterium*	0.85
OTU290	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*Maribacter*	*NA*	0.99
OTU291	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Schleiferiaceae	*Schleiferia*	*uncultured_Bacteroidetes*	0.95
OTU292	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Alcanivoracaceae1	*Alcanivorax*	*NA*	0.83
OTU293	Bacteria	Pseudomonadota	Gammaproteobacteria	Nitrosococcales	Methylophagaceae	*Marine_Methylotrophic_Group_3*	*uncultured_Methylophaga*	0.83
OTU294	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	KI89A_clade	*KI89A_clade*	*uncultured_bacterium*	0.81
OTU295	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU296	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Nitrincolaceae	*NA*	*NA*	0.88
OTU297	Bacteria	Pseudomonadota	Alphaproteobacteria	SAR11_clade	Clade_II	*Clade_II*	*uncultured_Candidatus*	0.92
OTU298	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*NS4_marine_group*	*NA*	1.00
OTU299	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodospirillales	AEGEAN-169_marine_group	*AEGEAN-169_marine_group*	*NA*	1.00
OTU300	Bacteria	Verrucomicrobiota	Verrucomicrobiae	Opitutales	Puniceicoccaceae	*Verruc-01*	*uncultured_Verrucomicrobiae*	0.92
OTU301	Bacteria	Verrucomicrobiota	Verrucomicrobiae	Opitutales	Puniceicoccaceae	*Verruc-01*	*uncultured_bacterium*	0.95
OTU302	Bacteria	Chloroflexi	Dehalococcoidia	SAR202_clade	SAR202_clade	*SAR202_clade*	*uncultured_bacterium*	0.97
OTU303	Bacteria	Pseudomonadota	Gammaproteobacteria	Ectothiorhodospirales	Thioalkalispiraceae	*Thiohalophilus*	*NA*	0.94
OTU304	Bacteria	Pseudomonadota	Gammaproteobacteria	pItb-vmat-80	pItb-vmat-80	*pItb-vmat-80*	*uncultured_gamma*	1.00
OTU305	Bacteria	Actinobacteriota	Acidimicrobiia	Actinomarinales	*NA*	*NA*	*NA*	0.95
OTU306	Bacteria	Pseudomonadota	Gammaproteobacteria	Ectothiorhodospirales	Ectothiorhodospiraceae	*Thiogranum*	*NA*	1.00
OTU307	Bacteria	Dadabacteria	Dadabacteriia	Dadabacteriales	Dadabacteriales	*Dadabacteriales*	*uncultured_organism*	0.97

OTU	Kingdom	Phylum	Class	Order	Family	Genus	Species	Conf.*
OTU308	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhizobiales	Hyphomicrobiaceae	*Filomicrobium*	*NA*	0.83
OTU309	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*NS5_marine_group*	*uncultured_Bacteroidetes*	0.80
OTU310	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*Lutibacter*	*Lutibacter_oricola*	0.90
OTU311	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Porticoccaceae	*C1-B045*	*uncultured_bacterium*	0.71
OTU312	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*NS5_marine_group*	*NA*	1.00
OTU313	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*Winogradskyella*	*NA*	1.00
OTU314	Bacteria	Planctomycetota	OM190	OM190	OM190	*OM190*	*NA*	1.00
OTU315	Bacteria	Planctomycetota	Planctomycetes	Planctomycetales	Rubinisphaeraceae	*uncultured_planctomycete*	*uncultured_planctomycete*	1.00
OTU316	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*Aquimarina*	*Aquimarina_sp,*	0.77
OTU317	Bacteria	Pseudomonadota	Alphaproteobacteria	Caulobacterales	Parvularculaceae	*Hyphococcus*	*NA*	0.72
OTU318	Bacteria	Desulfobacterota	Desulfuromonadia	Desulfuromonadales	Geopsychrobacteraceae	*NA*	*NA*	1.00
OTU319	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*Ascidiimonas*	*uncultured_bacterium*	1.00
OTU320	Bacteria	Bacteroidota	Bacteroidia	Cytophagales	Amoebophilaceae	*NA*	*NA*	0.95
OTU321	Bacteria	Spirochaetota	Spirochaetia	Spirochaetales	Spirochaetaceae	*Spirochaeta_2*	*NA*	1.00
OTU322	Bacteria	Acidobacteriota	Thermoanaerobaculia	Thermoanaerobaculales	Thermoanaerobaculaceae	*Subgroup_10*	*NA*	1.00
OTU323	Bacteria	Calditrichota	Calditrichia	Calditrichales	Calditrichaceae	*Calditrix*	*uncultured_bacterium*	1.00
OTU324	Bacteria	Pseudomonadota	Gammaproteobacteria	Gammaproteobacteria_Incertae_Sedis	*NA*	*NA*	*NA*	0.74
OTU325	Bacteria	Pseudomonadota	Gammaproteobacteria	B2M28	B2M28	*B2M28*	*uncultured_sediment*	0.74
OTU326	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Oleiphilaceae	*Oleiphilus*	*NA*	1.00
OTU327	Bacteria	Pseudomonadota	Alphaproteobacteria	Thalassobaculales	Nisaeaceae	*Nisaea*	*NA*	1.00
OTU328	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU329	Bacteria	Pseudomonadota	Alphaproteobacteria	*NA*	*NA*	*NA*	*NA*	1.00
OTU330	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhizobiales	Rhizobiaceae	*Hoeflea*	*NA*	0.85
OTU331	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhizobiales	Hyphomicrobiaceae	*NA*	*NA*	0.93
OTU332	Bacteria	Bacteroidota	Bacteroidia	Bacteroidales	Marinifilaceae	*Marinifilum*	*Lactobacillales_bacterium*	0.99
OTU333	Bacteria	Desulfobacterota	Desulfobulbia	Desulfobulbales	Desulfocapsaceae	*Desulfotalea*	*Desulfotalea_sp,*	0.75
OTU334	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU335	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Halieaceae	*NA*	*NA*	1.00
OTU336	Bacteria	Bacteroidota	Bacteroidia	Chitinophagales	Saprospiraceae	*NA*	*NA*	0.70
OTU337	Bacteria	Planctomycetota	Planctomycetes	Pirellulales	Pirellulaceae	*Blastopirellula*	*NA*	1.00
OTU338	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*Tateyamaria*	*NA*	0.90
OTU339	Bacteria	Pseudomonadota	Alphaproteobacteria	Kiloniellales	Kiloniellaceae	*NA*	*NA*	0.97

OTU	Kingdom	Phylum	Class	Order	Family	Genus	Species	Conf.*
OTU340	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Alteromonadaceae	*NA*	*NA*	1.00
OTU341	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU342	Bacteria	Desulfobacterota	Desulfuromonadia	Desulfuromonadales	Desulfuromonadaceae	*Desulfuromonas*	*Uncultured Desulfuromonadales*	0.94
OTU343	Bacteria	Desulfobacterota	Desulfuromonadia	Desulfuromonadales	Geopsychrobacteraceae	*Geopsychrobacteraceae*	*uncultured_delta*	0.81
OTU344	Bacteria	Zixibacteria	Zixibacteria	Zixibacteria	Zixibacteria	*Zixibacteria*	*uncultured_candidate*	1.00
OTU345	Bacteria	Acidobacteriota	Vicinamibacteria	Vicinamibacterales	*NA*	*NA*	*NA*	0.75
OTU346	Bacteria	Bacteroidota	Bacteroidia	Bacteroidales	Prolixibacteraceae	*NA*	*NA*	0.76
OTU347	Bacteria	Bacteroidota	Bacteroidia	Bacteroidetes_VC2,1_Bac22	Bacteroidetes_VC2,1_Bac22	*Bacteroidetes_VC2,1_Bac22*	*bacterium_enrichment*	0.76
OTU348	Bacteria	Pseudomonadota	Gammaproteobacteria	Granulosicoccales	Granulosicoccaceae	*Granulosicoccus*	*NA*	1.00
OTU349	Bacteria	Chloroflexi	Anaerolineae	Ardenticatenales	*NA*	*NA*	*NA*	0.92
OTU350	Bacteria	Pseudomonadota	Alphaproteobacteria	Caulobacterales	Hyphomonadaceae	*NA*	*NA*	0.99
OTU351	Bacteria	Pseudomonadota	Alphaproteobacteria	Caulobacterales	Hyphomonadaceae	*NA*	*NA*	1.00
OTU352	Bacteria	Pseudomonadota	Alphaproteobacteria	Puniceispirillales	SAR116_clade	*SAR116_clade*	*uncultured_Rhodospirillaceae*	0.90
OTU353	Bacteria	Nitrospirota	Thermodesulfovibrionia	uncultured	uncultured	*uncultured*	*uncultured_bacterium*	0.91
OTU354	Bacteria	Planctomycetota	Planctomycetes	Pirellulales	Pirellulaceae	*NA*	*NA*	1.00
OTU355	Bacteria	Pseudomonadota	Alphaproteobacteria	SAR11_clade	Clade_I	*Clade_Ia*	*NA*	0.99
OTU356	Bacteria	Pseudomonadota	Gammaproteobacteria	Burkholderiales	Methylophilaceae	*OM43_clade*	*Methylophilales_bacterium*	0.95
OTU357	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Aeromonadaceae	*Oceanisphaera*	*NA*	0.81
OTU358	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Vibrionaceae	*Vibrio*	*NA*	0.99
OTU359	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Halieaceae	*OM60(NOR5)clade*	*NA*	0.90
OTU360	Bacteria	Dependentiae	Babeliae	Babeliales	Vermiphilaceae	*Vermiphilaceae*	*uncultured_delta*	0.99
OTU361	Bacteria	Bacteroidota	Bacteroidia	Cytophagales	Cyclobacteriaceae	*Ekhidna*	*NA*	1.00
OTU362	Bacteria	Planctomycetota	Planctomycetes	Pirellulales	Pirellulaceae	*Rhodopirellula*	*NA*	0.95
OTU363	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*Limibaculum*	*uncultured_organism*	0.88
OTU364	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Marinobacteraceae	*Marinobacter*	*NA*	1.00
OTU365	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*Tenacibaculum*	*NA*	0.79
OTU366	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU367	Bacteria	Nitrospirota	Thermodesulfovibrionia	*NA*	*NA*	*NA*	*NA*	0.93
OTU368	Bacteria	Spirochaetota	Spirochaetia	Spirochaetales	Spirochaetaceae	*NA*	*NA*	0.88
OTU369	Bacteria	Planctomycetota	OM190	OM190	OM190	*OM190*	*uncultured_bacterium*	0.99
OTU370	Bacteria	Pseudomonadota	Gammaproteobacteria	Thiotrichales	Thiotrichaceae	*NA*	*NA*	0.95

OTU	Kingdom	Phylum	Class	Order	Family	Genus	Species	Conf.*
OTU371	Bacteria	Pseudomonadota	Alphaproteobacteria	Kiloniellales	Kiloniellaceae	*Limibacillus*	*uncultured_bacterium*	0.84
OTU372	Bacteria	Chloroflexi	Anaerolineae	SBR1031	SBR1031	*SBR1031*	*uncultured_bacterium*	1.00
OTU373	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Halomonadaceae	*Halomonas*	*NA*	0.97
OTU374	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Endozoicomonadaceae	*Endozoicomonas*	*Hahellaceae_bacterium*	0.99
OTU375	Bacteria	Bacteroidota	Rhodothermia	Balneolales	Balneolaceae	*Balneola*	*uncultured_bacterium*	0.84
OTU376	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Cryomorphaceae	*NA*	*NA*	0.75
OTU377	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU378	Bacteria	Pseudomonadota	Gammaproteobacteria	Gammaproteobacteria_Incertae_Sedis	Unknown_Family	*uncultured_marine*	*uncultured_marine*	0.86
OTU379	Bacteria	Bacteroidota	Bacteroidia	Chitinophagales	Saprospiraceae	*NA*	*NA*	0.95
OTU380	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*NS5_marine_group*	*uncultured_Bacteroidetes/Chlorobi*	0.77
OTU381	Bacteria	Pseudomonadota	Alphaproteobacteria	Puniceispirillales	SAR116_clade	*NA*	*NA*	1.00
OTU382	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU383	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	KI89A_clade	*KI89A_clade*	*NA*	1.00
OTU384	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Halieaceae	*NA*	*NA*	1.00
OTU385	Bacteria	Bacteroidota	Bacteroidia	Cytophagales	Cyclobacteriaceae	*Marinoscillum*	*Marinoscillum_luteum*	0.99
OTU386	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Halieaceae	*OM60(NOR5)clade*	*uncultured_Haliea*	1.00
OTU387	Bacteria	Pseudomonadota	Gammaproteobacteria	Coxiellales	Coxiellaceae	*Coxiella*	*NA*	0.98
OTU388	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*NS5_marine_group*	*NA*	1.00
OTU389	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*Formosa*	*NA*	0.92
OTU390	Bacteria	Pseudomonadota	Alphaproteobacteria	Puniceispirillales	SAR116_clade	*SAR116_clade*	*uncultured_Rhodospirillales*	1.00
OTU391	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Halieaceae	*OM60(NOR5)clade*	*uncultured_Glaciecola*	0.89
OTU392	Bacteria	Pseudomonadota	Alphaproteobacteria	SAR11_clade	Clade_I	*Clade_Ia*	*NA*	0.98
OTU393	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodospirillales	AEGEAN-169_marine_group	*AEGEAN-169_marine_group*	*uncultured_marine*	0.87
OTU394	Bacteria	Firmicutes	Clostridia	Peptostreptococcales-Tissierellales	Anaerovoracaceae	*NA*	*NA*	0.93
OTU395	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Cryomorphaceae	*NA*	*NA*	0.81
OTU396	Bacteria	Pseudomonadota	Gammaproteobacteria	Tenderiales	Tenderiaceae	*Candidatus_Tenderia*	*NA*	0.95
OTU397	Bacteria	Pseudomonadota	Alphaproteobacteria	Puniceispirillales	SAR116_clade	*SAR116_clade*	*SAR116_cluster*	0.74
OTU398	Bacteria	Verrucomicrobiota	Verrucomicrobiae	Verrucomicrobiales	DEV007	*DEV007*	*uncultured_bacterium*	0.88
OTU399	Bacteria	Bacteroidota	Bacteroidia	Cytophagales	Cyclobacteriaceae	*uncultured_sediment*	*uncultured_sediment*	0.83
OTU400	Bacteria	Pseudomonadota	Gammaproteobacteria	Granulosicoccales	Granulosicoccaceae	*Granulosicoccus*	*NA*	1.00
OTU401	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Vibrionaceae	*Vibrio*	*NA*	0.96

OTU	Kingdom	Phylum	Class	Order	Family	Genus	Species	Conf.*
OTU402	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*Lutibacter*	*NA*	1.00
OTU403	Bacteria	Desulfobacterota	Desulfuromonadia	Desulfuromonadales	*NA*	*NA*	*NA*	0.99
OTU404	Archaea	Crenarchaeota	Bathyarchaeia	Bathyarchaeia	Bathyarchaeia	*Bathyarchaeia*	*uncultured_miscellaneous*	1.00
OTU405	Bacteria	Pseudomonadota	Gammaproteobacteria	Burkholderiales	Methylophilaceae	*Methylotenera*	*bacterium_WH2-1*	0.96
OTU406	Bacteria	Firmicutes	Clostridia	Peptostreptococcales-Tissierellales	Fusibacteraceae	*Fusibacter*	*bacterium_WH4-9*	1.00
OTU407	Bacteria	Deferrisomatota	Defferrisomatia	Defferrisomatales	Defferrisomataceae	*Deferrisoma*	*uncultured_delta*	0.97
OTU408	Bacteria	Bacteroidota	Bacteroidia	Bacteroidetes_VC2,1_Bac22	Bacteroidetes_VC2,1_Bac22	*Bacteroidetes_VC2,1_Bac22*	*NA*	1.00
OTU409	Bacteria	Pseudomonadota	Gammaproteobacteria	HOC36	HOC36	*HOC36*	*uncultured_sediment*	1.00
OTU410	Bacteria	Bacteroidota	Bacteroidia	Bacteroidetes_VC2,1_Bac22	Bacteroidetes_VC2,1_Bac22	*Bacteroidetes_VC2,1_Bac22*	*uncultured_Sphingobacterium*	0.82
OTU411	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Pseudohongiellaceae	*Pseudohongiella*	*NA*	1.00
OTU412	Bacteria	Bacteroidota	Bacteroidia	*NA*	*NA*	*NA*	*NA*	1.00
OTU413	Bacteria	Pseudomonadota	Alphaproteobacteria	*NA*	*NA*	*NA*	*NA*	1.00
OTU414	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Vibrionaceae	*Vibrio*	*NA*	0.97
OTU415	Bacteria	Pseudomonadota	Gammaproteobacteria	Ectothiorhodospirales	Ectothiorhodospiraceae	*NA*	*NA*	1.00
OTU416	Bacteria	Firmicutes	Clostridia	Lachnospirales	*NA*	*NA*	*NA*	0.99
OTU417	Bacteria	Chloroflexi	Anaerolineae	SBR1031	A4b	*A4b*	*NA*	1.00
OTU418	Bacteria	Pseudomonadota	Alphaproteobacteria	Kiloniellales	Kiloniellaceae	*uncultured_Rhodospirillaceae*	*uncultured_Rhodospirillaceae*	1.00
OTU419	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Schleiferiaceae	*Schleiferia*	*uncultured_Bacteroidetes*	0.98
OTU420	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Cellvibrionaceae	*NA*	*NA*	0.73
OTU421	Bacteria	Pseudomonadota	Gammaproteobacteria	Steroidobacterales	Woeseiaceae	*Woeseia*	*NA*	0.84
OTU422	Bacteria	Desulfobacterota	Desulfobacteria	Desulfobacterales	Desulfosarcinaceae	*Sva0081_sediment_group*	*uncultured_marine*	0.92
OTU423	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*Arcticiflavibacter*	*uncultured_Bacteroidetes*	0.77
OTU424	Bacteria	Actinobacteriota	Acidimicrobiia	Actinomarinales	*NA*	*NA*	*NA*	0.96
OTU425	Bacteria	Planctomycetota	Planctomycetes	Pirellulales	Pirellulaceae	*NA*	*NA*	1.00
OTU426	Bacteria	Planctomycetota	Planctomycetes	Pirellulales	Pirellulaceae	*Blastopirellula*	*NA*	0.99
OTU427	Bacteria	Bacteroidota	Bacteroidia	Chitinophagales	Saprospiraceae	*Portibacter*	*uncultured_Bacteroidetes*	0.98
OTU428	Bacteria	NB1-j	NB1-j	NB1-j	NB1-j	*NB1-j*	*uncultured_Colwellia*	0.73
OTU429	Bacteria	Bacteroidota	Bacteroidia	Cytophagales	Cyclobacteriaceae	*NA*	*NA*	0.93
OTU430	Bacteria	Planctomycetota	Planctomycetes	Planctomycetales	Rubinisphaeraceae	*NA*	*NA*	0.98
OTU431	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Alteromonadaceae	*Aestuariibacter*	*NA*	0.72
OTU432	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Halieaceae	*NA*	*NA*	1.00

OTU	Kingdom	Phylum	Class	Order	Family	Genus	Species	Conf.*
OTU433	Bacteria	Pseudomonadota	Gammaproteobacteria	*NA*	*NA*	*NA*	*NA*	1.00
OTU434	Bacteria	Myxococcota	Polyangia	Nannocystales	Nannocystaceae	*Nannocystis*	*NA*	1.00
OTU435	Bacteria	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidetes_BD2-2	*Bacteroidetes_BD2-2*	*NA*	1.00
OTU436	Bacteria	Planctomycetota	Planctomycetes	Pirellulales	Pirellulaceae	*Blastopirellula*	*NA*	0.92
OTU437	Bacteria	Bacteroidota	Bacteroidia	Chitinophagales	Saprospiraceae	*NA*	*NA*	1.00
OTU438	Bacteria	Desulfobacterota	Desulfobacteria	Desulfobacterales	Desulfosarcinaceae	*Sva0081_sediment_group*	*NA*	1.00
OTU439	Bacteria	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidetes_BD2-2	*Bacteroidetes_BD2-2*	*uncultured_Bacteroidetes/Chlorobi*	0.92
OTU440	Bacteria	Pseudomonadota	Gammaproteobacteria	BD7-8	BD7-8	*BD7-8*	*NA*	0.80
OTU441	Bacteria	Planctomycetota	Phycisphaerae	MSBL9	SG8-4	*SG8-4*	*NA*	1.00
OTU442	Bacteria	Spirochaetota	Spirochaetia	Spirochaetales	Spirochaetaceae	*Spirochaeta*	*uncultured_Spirochaetes*	0.86
OTU443	Bacteria	Desulfobacterota	Desulfobulbia	Desulfobulbales	Desulfobulbaceae	*NA*	*NA*	1.00
OTU444	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodospirillales	AEGEAN-169_marine_group	*AEGEAN-169_marine_group*	*NA*	0.81
OTU445	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Vibrionaceae	*Vibrio*	*NA*	0.87
OTU446	Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiaceae	*NA*	*NA*	0.96
OTU447	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Nitrincolaceae	*Neptunomonas*	*NA*	0.82
OTU448	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU449	Bacteria	Desulfobacterota	Desulfovibrionia	Desulfovibrionales	Desulfovibrionaceae	*Halodesulfovibrio*	*NA*	1.00
OTU450	Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiaceae	*Oceanirhabdus*	*Oceanirhabdus_sediminicola*	0.93
OTU451	Bacteria	Chloroflexi	Anaerolineae	SBR1031	A4b	*A4b*	*uncultured_bacterium*	0.94
OTU452	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	0.98
OTU453	Bacteria	Campylobacterota	Campylobacteria	Campylobacterales	Arcobacteraceae	*NA*	*NA*	1.00
OTU454	Bacteria	Pseudomonadota	Alphaproteobacteria	Caulobacterales	Hyphomonadaceae	*Fretibacter*	*Fretibacter_rubidus*	0.73
OTU455	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Porticoccaceae	*SAR92_clade*	*NA*	1.00
OTU456	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*Formosa*	*NA*	0.95
OTU457	Bacteria	Bacteroidota	Bacteroidia	Chitinophagales	Saprospiraceae	*NA*	*NA*	0.82
OTU458	Bacteria	Pseudomonadota	Alphaproteobacteria	Defluviicoccales	*NA*	*NA*	*NA*	0.76
OTU459	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Colwelliaceae	*NA*	*NA*	1.00
OTU460	Bacteria	Pseudomonadota	Gammaproteobacteria	Gammaproteobacteria_Incertae_Sedis	*NA*	*NA*	*NA*	0.75
OTU461	Bacteria	Pseudomonadota	Gammaproteobacteria	SZB50	SZB50	*SZB50*	*uncultured_bacterium*	0.98
OTU462	Bacteria	Actinobacteriota	Acidimicrobiia	Microtrichales	Microtrichaceae	*Sva0996_marine_group*	*uncultured_organism*	0.91
OTU463	Bacteria	Bacteroidota	Rhodothermia	Rhodothermales	Rhodothermaceae	*NA*	*NA*	0.94

OTU	Kingdom	Phylum	Class	Order	Family	Genus	Species	Conf.*
OTU464	Bacteria	Actinobacteriota	Acidimicrobiia	Actinomarinales	*NA*	*NA*	*NA*	1.00
OTU465	Bacteria	Pseudomonadota	Alphaproteobacteria		*NA*	*NA*	*NA*	1,00
OTU466	Bacteria	NB1-j	NB1-j	NB1-j	NB1-j	*NB1-j*	*NA*	1.00
OTU467	Bacteria	Gemmatimonadota	PAUC43f_marine_benthic_group	PAUC43f_marine_benthic_group	PAUC43f_marine_benthic_group	*PAUC43f_marine_benthic_group*	*uncultured_Gemmatimonadetes*	0.86
OTU468	Bacteria	Firmicutes	Desulfitobacteriia	Desulfitobacteriales	*NA*	*NA*	*NA*	0.97
OTU469	Bacteria	Desulfobacterota	Desulfuromonadia	Desulfuromonadales	*NA*	*NA*	*NA*	0.99
OTU470	Bacteria	Planctomycetota	Phycisphaerae	Phycisphaerales	Phycisphaeraceae	*Urania-1B-19_marine_sediment_group*	*uncultured_bacterium*	1.00
OTU471	Bacteria	Latescibacterota	Latescibacteria	Latescibacterales	Latescibacteraceae	*Latescibacteraceae*	*uncultured_bacterium*	0.98
OTU472	Bacteria	Pseudomonadota	Gammaproteobacteria	Burkholderiales	Nitrosomonadaceae	*IS-44*	*NA*	0.84
OTU473	Bacteria	Desulfobacterota	Desulfobacteria	Desulfatiglandales	Desulfatiglandaceae	*Desulfatiglans*	*NA*	1.00
OTU474	Bacteria	Chloroflexi	Anaerolineae	Ardenticatenales	NA	*NA*	*NA*	0.89
OTU475	Bacteria	Pseudomonadota	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	*Erythrobacter*	*NA*	0.90
OTU476	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU477	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU478	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU479	Bacteria	WPS-2	WPS-2	WPS-2	WPS-2	*WPS-2*	*hydrothermal_vent*	1.00
OTU480	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Alteromonadaceae	*NA*	*NA*	1.00
OTU481	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	0.99
OTU482	Bacteria	Pseudomonadota	Gammaproteobacteria	Arenicellales	Arenicellaceae	*Arenicella*	*Arenicella_chitinivorans*	0.92
OTU483	Bacteria	Pseudomonadota	Gammaproteobacteria	Tenderiales	Tenderiaceae	*Candidatus_Tenderia*	*uncultured_gamma*	0.98
OTU484	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU485	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	NA	*NA*	*NA*	0.95
OTU486	Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiaceae	*Proteiniclasticum*	*NA*	0.93
OTU487	Bacteria	Pseudomonadota	Alphaproteobacteria	Puniceispirillales	SAR116_clade	*SAR116_clade*	*uncultured_marine*	0.83
OTU488	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*NS4_marine_group*	*uncultured_Flavobacteriia*	0.88
OTU489	Bacteria	Desulfobacterota	Desulfobulbia	Desulfobulbales	Desulfocapsaceae	*NA*	*NA*	1.00
OTU490	Bacteria	Firmicutes	Clostridia	Peptostreptococcales-Tissierellales	Peptostreptococcales-Tissierellales	*JTB215*	*NA*	1.00
OTU491	Bacteria	Bacteroidota	Ignavibacteria	Ignavibacteriales	Melioribacteraceae	*IheB3-7*	*uncultured_bacterium*	0.76
OTU492	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Alteromonadaceae	*NA*	*NA*	0.88
OTU493	Bacteria	Pseudomonadota	Alphaproteobacteria	Kiloniellales	Kiloniellaceae	*Pelagibius*	*Rhodospirillaceae_bacterium*	0.85
OTU494	Bacteria	Acidobacteriota	Thermoanaerobaculia	Thermoanaerobaculales	Thermoanaerobaculaceae	*Subgroup_10*	*NA*	1.00

OTU	Kingdom	Phylum	Class	Order	Family	Genus	Species	Conf.*
OTU495	Bacteria	Gemmatimonadota	PAUC43f_marine_benthic_group	PAUC43f_marine_benthic_group	PAUC43f_marine_benthic_group	*PAUC43f_marine_benthic_group*	*NA*	1,00
OTU496	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU497	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhizobiales	Methyloligellaceae	*Methyloceanibacter*	*NA*	1.00
OTU498	Bacteria	Sva0485	Sva0485	Sva0485	Sva0485	*Sva0485*	*bacterium_enrichment*	1.00
OTU499	Bacteria	Pseudomonadota	Gammaproteobacteria	Burkholderiales	NA	*NA*	*NA*	1.00
OTU500	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU501	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Vibrionaceae	*Photobacterium*	*NA*	1.00
OTU502	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*Muriicola*	*NA*	0.87
OTU503	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Shewanellaceae	*Shewanella*	*NA*	1.00
OTU504	Bacteria	Pseudomonadota	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	*Erythrobacter*	*NA*	0.89
OTU505	Bacteria	Pseudomonadota	Gammaproteobacteria	Thiotrichales	Thiotrichaceae	*uncultured_proteobacterium*	*NA*	0.90
OTU506	Bacteria	Actinobacteriota	Acidimicrobiia	Microtrichales	Microtrichaceae	*f__Microtrichaceae*	*Acidimicrobidae_bacterium*	0.75
OTU507	Bacteria	Bacteroidota	Bacteroidia	Bacteroidales	Prolixibacteraceae	*Draconibacterium*	*uncultured_Bacteroidetes*	0.71
OTU508	Bacteria	Actinobacteriota	Acidimicrobiia	Actinomarinales	NA	*NA*	*NA*	0.95
OTU509	Bacteria	Acidobacteriota	Thermoanaerobaculia	Thermoanaerobaculales	Thermoanaerobaculaceae	*Subgroup_10*	*Holophaga_sp,*	0.90
OTU510	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhizobiales	NA	*NA*	*NA*	0.84
OTU511	Bacteria	Firmicutes	Clostridia	Peptostreptococcales-Tissierellales	Fusibacteraceae	*Fusibacter*	*uncultured_Fusibacter*	0.74
OTU512	Bacteria	Pseudomonadota	Gammaproteobacteria	Ectothiorhodospirales	Thioalkalispiraceae	*Thiohalophilus*	*sulfur-oxidizing_bacterium*	0.83
OTU513	Bacteria	Pseudomonadota	Alphaproteobacteria	Caulobacterales	Parvularculaceae	*Parvularcula*	*Parvularculaceae_bacterium*	0.72
OTU514	Bacteria	Chloroflexi	TK17	TK17	TK17	*TK17*	*uncultured_Chloroflexi*	0.95
OTU515	Bacteria	Firmicutes	Clostridia	Peptostreptococcales-Tissierellales	Peptostreptococcaceae	*Romboutsia*	*NA*	0.98
OTU516	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhizobiales	Rhizobiaceae	*Oricola*	*NA*	0.98
OTU517	Bacteria	Verrucomicrobiota	Kiritimatiellae	Kiritimatiellales	Kiritimatiellaceae	*R76-B128*	*NA*	1.00
OTU518	Bacteria	Pseudomonadota	Alphaproteobacteria	Acetobacterales	Acetobacteraceae	*Commensalibacter*	*NA*	0.88
OTU519	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*Croceitalea*	*NA*	1.00
OTU520	Bacteria	Actinobacteriota	Acidimicrobiia	Microtrichales	Microtrichaceae	*Sva0996_marine_group*	*NA*	0.81
OTU521	Bacteria	Actinobacteriota	Acidimicrobiia	Microtrichales	Microtrichaceae	*NA*	*NA*	1.00
OTU522	Bacteria	Bacteroidota	Ignavibacteria	Ignavibacteriales	PHOS-HE36	*PHOS-HE36*	*NA*	1.00
OTU523	Bacteria	Pseudomonadota	Gammaproteobacteria	B2M28	B2M28	*B2M28*	*NA*	0.79
OTU524	Bacteria	Bacteroidota	Bacteroidia	Bacteroidales	Marinilabiliaceae	*Carboxylicivirga*	*NA*	1.00
OTU525	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*Aquibacter*	*NA*	0.94

OTU	Kingdom	Phylum	Class	Order	Family	Genus	Species	Conf.*
OTU526	Bacteria	Desulfobacterota	Desulfuromonadia	Desulfuromonadales	Geopsychrobacteraceae	*NA*	*NA*	1.00
OTU527	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Cellvibrionaceae	*NA*	*NA*	1.00
OTU528	Bacteria	Desulfobacterota	Desulfuromonadia	Desulfuromonadales	Sva1033	*Sva1033*	*bacterium_YC-ZSS-LKJ193*	0.88
OTU529	Bacteria	Pseudomonadota	Gammaproteobacteria	uncultured	uncultured	*uncultured*	*bacterium_enrichment*	0.99
OTU530	Bacteria	Pseudomonadota	Gammaproteobacteria	Gammaproteobacteria_Incertae_Sedis	NA	*NA*	*NA*	1.00
OTU531	Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiaceae	*uncultured_Eubacterium*	*uncultured_Eubacterium*	0.90
OTU532	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Marinobacteraceae	*Marinobacter*	*NA*	1.00
OTU533	Bacteria	Bacteroidota	Bacteroidia	Chitinophagales	Saprospiraceae	*uncultured_Flavobacterium*	*uncultured_Flavobacterium*	0.86
OTU534	Bacteria	Myxococcota	Polyangia	Nannocystales	Nannocystaceae	*uncultured_proteobacterium*	*uncultured_proteobacterium*	0.85
OTU535	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Pseudoalteromonadaceae	*NA*	*NA*	0.84
OTU536	Bacteria	Bacteroidota	Bacteroidia	Cytophagales	Cyclobacteriaceae	*Reichenbachiella*	*uncultured_Flammeovirgaceae*	1.00
OTU537	Bacteria	Bacteroidota	Bacteroidia	Cytophagales	Cyclobacteriaceae	*Fabibacter*	*NA*	1.00
OTU538	Bacteria	Desulfobacterota	Desulfobulbia	Desulfobulbales	Desulfocapsaceae	*Desulforhopalus*	*NA*	0.86
OTU539	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	0.99
OTU540	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Saccharospirillaceae	*Litoribrevibacter*	*NA*	1.00
OTU541	Bacteria	Fusobacteriota	Fusobacteriia	Fusobacteriales	Fusobacteriaceae	*Propionigenium*	*NA*	0.86
OTU542	Archaea	Thermoplasmatota	Thermoplasmata	Methanomassiliicoccales	Methanomassiliicoccaceae	*NA*	*NA*	1.00
OTU543	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU544	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Cryomorphaceae	*Vicingus*	*uncultured_bacterium*	0.90
OTU545	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhizobiales	Hyphomicrobiaceae	*Hyphomicrobium*	*NA*	0.87
OTU546	Bacteria	Pseudomonadota	Gammaproteobacteria	Gammaproteobacteria_Incertae_Sedis	*NA*	*NA*	*NA*	1.00
OTU547	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Cellvibrionaceae	*Cellvibrionaceae*	*NA*	0.80
OTU548	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Vibrionaceae	*Photobacterium*	*NA*	1.00
OTU549	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhizobiales	Hyphomicrobiaceae	*Filomicrobium*	*NA*	0.97
OTU550	Bacteria	NB1-j	NB1-j	NB1-j	NB1-j	*NB1-j*	*NA*	1.00
OTU551	Bacteria	Planctomycetota	Planctomycetes	Pirellulales	Pirellulaceae	*Pir4_lineage*	*NA*	0.95
OTU552	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Kangiellaceae	*Kangiella*	*NA*	1.00
OTU553	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodospirillales	AEGEAN-169_marine_group	*AEGEAN-169_marine_group*	*NA*	0.85
OTU554	Bacteria	Pseudomonadota	Gammaproteobacteria	Thiotrichales	Thiotrichaceae	*NA*	*NA*	0.84
OTU555	Bacteria	Firmicutes	Bacilli	Izemoplasmatales	Izemoplasmataceae	*Izimaplasma*	*NA*	1.00
OTU556	Bacteria	Actinobacteriota	Acidimicrobiia	Actinomarinales	*NA*	*NA*	*NA*	1.00

OTU	Kingdom	Phylum	Class	Order	Family	Genus	Species	Conf.*
OTU557	Bacteria	Pseudomonadota	Alphaproteobacteria	NA	*NA*	*NA*	*NA*	1.00
OTU558	Bacteria	NB1-j	NB1-j	NB1-j	NB1-j	*NB1-j*	*uncultured_organism*	0.92
OTU559	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU560	Archaea	Thermoplasmatota	Thermoplasmatota	Thermoplasmatota	Thermoplasmatota	*NA*	*NA*	1.00
OTU561	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*Tenacibaculum*	*NA*	0.98
OTU562	Bacteria	Latescibacterota	Latescibacterota	Latescibacterota	Latescibacterota	*Latescibacterota*	*NA*	1.00
OTU563	Bacteria	Firmicutes	Clostridia	Peptostreptococcales-Tissierellales	Peptostreptococcaceae	*Tepidibacter*	*NA*	1.00
OTU564	Bacteria	Actinobacteriota	Actinobacteria	Micrococcales	Micrococcaceae	*Micrococcus*	*NA*	0.95
OTU565	Bacteria	Pseudomonadota	Gammaproteobacteria		*NA*	*NA*	*NA*	1,00
OTU566	Bacteria	Bacteroidota	Kryptonia	Kryptoniales	BSV26	*BSV26*	*uncultured_bacterium*	0.88
OTU567	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Vibrionaceae	*Vibrio*	*NA*	0.97
OTU568	Bacteria	Pseudomonadota	Gammaproteobacteria	UBA10353_marine_group	UBA10353_marine_group	*UBA10353_marine_group*	*uncultured_sediment*	0.82
OTU569	Bacteria	Cyanobacteria	Cyanobacteriia	Cyanobacteriales	Xenococcaceae	*Chroococcidiopsis_PCC-6712*	*Hyella_patelloides*	0.76
OTU570	Bacteria	Desulfobacterota	Desulfobulbia	Desulfobulbales	Desulfurivibrionaceae	*MSBL7*	*uncultured_Desulfobacterales*	0.99
OTU571	Bacteria	Actinobacteriota	Actinobacteria	Micrococcales	*NA*	*NA*	*NA*	0.96
OTU572	Bacteria	Cyanobacteria	Cyanobacteriia	Synechococcales	Cyanobiaceae	*Synechococcus_CC9902*	*NA*	0.91
OTU573	Bacteria	Bacteroidota	Bacteroidia	Cytophagales	Flammeovirgaceae	*NA*	*NA*	1.00
OTU574	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Nitrincolaceae	*Marinobacterium*	*NA*	1.00
OTU575	Bacteria	Pseudomonadota	*NA*	*NA*	*NA*	*NA*	*NA*	1.00
OTU576	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Halieaceae	*NA*	*NA*	1.00
OTU577	Bacteria	Firmicutes	Clostridia	Lachnospirales	Defluviitaleaceae	*Defluviitaleaceae_UCG-011*	*Clostridia_bacterium*	0.73
OTU578	Bacteria	Bacteroidota	Bacteroidia	Cytophagales	Cyclobacteriaceae	*NA*	*NA*	0.73
OTU579	Bacteria	Entotheonellaeota	Entotheonellia	Entotheonellales	Entotheonellaceae	*Candidatus_Entotheonella*	*NA*	1.00
OTU580	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Litoricolaceae	*Litoricola*	*NA*	1.00
OTU581	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Alteromonadaceae	*Aestuariibacter*	*NA*	1.00
OTU582	Bacteria	Planctomycetota	Planctomycetes	Planctomycetales	Gimesiaceae	*uncultured_Planctomyces*	*uncultured_Planctomyces*	0.77
OTU583	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*NS5_marine_group*	*NA*	1.00
OTU584	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*NS2b_marine_group*	*NA*	1.00
OTU585	Bacteria	Pseudomonadota	Gammaproteobacteria	UBA10353_marine_group	UBA10353_marine_group	*UBA10353_marine_group*	*uncultured_deep-sea*	0.83
OTU586	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*NS5_marine_group*	*NA*	1.00
OTU587	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Halieaceae	*NA*	*NA*	1.00
OTU588	Bacteria	Bdellovibrionota	Bdellovibrionia	Bdellovibrionales	Bdellovibrionaceae	*OM27_clade*	*NA*	1.00

OTU	Kingdom	Phylum	Class	Order	Family	Genus	Species	Conf.*
OTU589	Bacteria	Pseudomonadota	Alphaproteobacteria	Rickettsiales	S25-593	*S25-593*	*uncultured_marine*	1.00
OTU590	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodospirillales	AEGEAN-169_marine_group	*AEGEAN-169_marine_group*	*NA*	1.00
OTU591	Bacteria	Pseudomonadota	Alphaproteobacteria	Parvibaculales	PS1_clade	*PS1_clade*	*NA*	0.99
OTU592	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Pseudomonadaceae	*Pseudomonas*	*NA*	0.92
OTU593	Bacteria	Pseudomonadota	Alphaproteobacteria	uncultured	uncultured	*uncultured*	*uncultured_Ochrobactrum*	0.92
OTU594	Bacteria	Bacteroidota	Bacteroidia	Cytophagales	Amoebophilaceae	*NA*	*NA*	0.99
OTU595	Bacteria	Acidobacteriota	Vicinamibacteria	Subgroup_17	Subgroup_17	*Subgroup_17*	*uncultured_bacterium*	1.00
OTU596	Bacteria	Latescibacterota	Latescibacterota	Latescibacterota	Latescibacterota	*Latescibacterota*	*unidentified_bacterium*	0.92
OTU597	Bacteria	Actinobacteriota	Acidimicrobiia	Actinomarinales	*NA*	*NA*	*NA*	0.91
OTU598	Bacteria	Pseudomonadota	Gammaproteobacteria	*NA*	*NA*	*NA*	*NA*	1.00
OTU599	Bacteria	Chloroflexi	Dehalococcoidia	SAR202_clade	SAR202_clade	*SAR202_clade*	*uncultured_bacterium*	0.95
OTU600	Bacteria	Pseudomonadota	Alphaproteobacteria	Caulobacterales	Hyphomonadaceae	*NA*	*NA*	0.88
OTU601	Bacteria	Pseudomonadota	Alphaproteobacteria	Caulobacterales	Parvularculaceae	*Hyphococcus*	*NA*	0.88
OTU602	Bacteria	Pseudomonadota	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	*Parasphingopyxis*	*uncultured_bacterium*	0.94
OTU603	Bacteria	Actinobacteriota	Acidimicrobiia	Actinomarinales	*NA*	*NA*	*NA*	1.00
OTU604	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Crocinitomicaceae	*Fluviicola*	*NA*	1.00
OTU605	Bacteria	Pseudomonadota	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	*NA*	*NA*	1.00
OTU606	Bacteria	Planctomycetota	Planctomycetes	Pirellulales	Pirellulaceae	*Blastopirellula*	*uncultured_bacterium*	0.99
OTU607	Bacteria	Planctomycetota	Planctomycetes	Pirellulales	Pirellulaceae	*Blastopirellula*	*NA*	0.97
OTU608	Bacteria	Planctomycetota	Planctomycetes	Planctomycetales	Rubinisphaeraceae	*NA*	*NA*	0.71
OTU609	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*Winogradskyella*	*NA*	0.96
OTU610	Bacteria	Pseudomonadota	Gammaproteobacteria	Chromatiales	Sedimenticolaceae	*Candidatus_Thiodiazotropha*	*NA*	0.98
OTU611	Bacteria	Actinobacteriota	Acidimicrobiia	Actinomarinales	Actinomarinaceae	*Candidatus_Actinomarina*	*NA*	1.00
OTU612	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*NS4_marine_group*	*NA*	0.86
OTU613	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Porticoccaceae	*SAR92_clade*	*NA*	1.00
OTU614	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Porticoccaceae	*SAR92_clade*	*NA*	0.98
OTU615	Bacteria	Bdellovibrionota	Bdellovibrionia	Bdellovibrionales	Bdellovibrionaceae	*OM27_clade*	*uncultured_marine*	0.97
OTU616	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*NS4_marine_group*	*uncultured_Flavobacteriia*	0.89
OTU617	Bacteria	Bacteroidota	Bacteroidia	Cytophagales	Cyclobacteriaceae	*uncultured_marine*	*uncultured_marine*	1.00
OTU618	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU619	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Vibrionaceae	*Vibrio*	*NA*	1.00
OTU620	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Endozoicomonadaceae	*Endozoicomonas*	*Spongiobacter_sp,*	0.84

OTU	Kingdom	Phylum	Class	Order	Family	Genus	Species	Conf.*
OTU621	Bacteria	Cyanobacteria	Cyanobacteriia	Phormidesmiales	Phormidesmiaceae	*Acrophormium_PCC-7375*	*NA*	0.98
OTU622	Bacteria	Pseudomonadota	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	*Sphingorhabdus*	*NA*	0.99
OTU623	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodospirillales	Thalassospiraceae	*Thalassospira*	*NA*	1.00
OTU624	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU625	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU626	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Nitrincolaceae	*Marinobacterium*	*Marinobacterium_stanieri*	0.99
OTU627	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhizobiales	Rhizobiaceae	*NA*	*NA*	0.99
OTU628	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Shewanellaceae	*Shewanella*	*Shewanella_surugensis*	0.98
OTU629	Bacteria	Firmicutes	Bacilli	Bacillales	Bacillaceae	*Bacillus*	*NA*	0.95
OTU630	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU631	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Marinobacteraceae	*Marinobacter*	*NA*	1.00
OTU632	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU633	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU634	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU635	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Nitrincolaceae	*Marinobacterium*	*Neptuniibacter_sp,*	0.98
OTU636	Bacteria	Desulfobacterota	Desulfuromonadia	Desulfuromonadales	Sva1033	*Sva1033*	*NA*	1.00
OTU637	Bacteria	Pseudomonadota	Gammaproteobacteria	Pseudomonadales	Nitrincolaceae	*Marinobacterium*	*Marinobacterium_stanieri*	0.98
OTU638	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhizobiales	Stappiaceae	*Labrenzia*	*NA*	0.96
OTU639	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Vibrionaceae	*Vibrio*	*NA*	0.87
OTU640	Bacteria	Actinobacteriota	Actinobacteria	Micrococcales	Micrococcaceae	*Micrococcus*	*NA*	0.95
OTU641	Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	*Muricauda*	*NA*	1.00
OTU642	Bacteria	Deinococcota	Deinococci	Deinococcales	Trueperaceae	*Truepera*	*uncultured_bacterium*	1.00
OTU643	Bacteria	Pseudomonadota	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	*NA*	*NA*	1.00
OTU644	Bacteria	Firmicutes	Clostridia	Peptostreptococcales-Tissierellales	Fusibacteraceae	*Fusibacter*	*Acidaminobacter_sp,*	0.98
OTU645	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Vibrionaceae	*Photobacterium*	*NA*	0.93
OTU646	Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiaceae	*Clostridium_sensu_stricto_7*	*Clostridium_grantii*	1.00
OTU647	Bacteria	Firmicutes	Clostridia	Peptostreptococcales-Tissierellales	Peptostreptococcaceae	*Peptoclostridium*	*Peptoclostridium_litorale*	1.00
OTU648	Bacteria	Fusobacteriota	Fusobacteriia	Fusobacteriales	Fusobacteriaceae	*Propionigenium*	*NA*	0.76
OTU649	Bacteria	Pseudomonadota	Gammaproteobacteria	Enterobacterales	Vibrionaceae	*Vibrio*	*NA*	0.98
OTU650	Bacteria	Desulfobacterota	Desulfuromonadia	Desulfuromonadales	Geopsychrobacteraceae	*Malonomonas*	*NA*	0.90

B) FUNGI

OTU	Kingdom	Phylum	Class	Order	Family	Genus	Species	Conf.*
OTU001	Fungi	Ascomycota	Dothideomycetes	Dothideales	Aureobasidiaceae	*Aureobasidium*	*Aureobasidium_pullulans*	1.00
OTU002	Fungi	Ascomycota	Eurotiomycetes	Eurotiales	Aspergillaceae	*Aspergillus*	*Aspergillus_penicillioides*	1.00
OTU003	Fungi	Ascomycota	Eurotiomycetes	Eurotiales	Aspergillaceae	*Penicillium*	*Penicillium_infrapurpureum*	0.83
OTU004	Fungi	Ascomycota	Eurotiomycetes	Eurotiales	Aspergillaceae	*Aspergillus*	*NA*	1.00
OTU005	Fungi	Ascomycota	Dothideomycetes	Pleosporales	Sporormiaceae	*Preussia*	*Preussia_africana*	0.99
OTU006	Fungi	Ascomycota	Dothideomycetes	Pleosporales	Occultibambusaceae	*Brunneofusispora*	*Brunneofusispora_sinensis*	0.98
OTU007	Fungi	Ascomycota	Sordariomycetes	Microascales	Microascaceae	*Microascus*	*Microascus_croci*	0.91
OTU008	Fungi	Ascomycota	Eurotiomycetes	Eurotiales	Trichocomaceae	*Thermomyces*	*Thermomyces_stellatus*	1.00
OTU009	Fungi	Basidiomycota	Malasseziomycetes	Malasseziales	Malasseziaceae	*Malassezia*	*Malassezia_restricta*	1.00
OTU010	Fungi	Basidiomycota	Malasseziomycetes	Malasseziales	Malasseziaceae	*Malassezia*	*Malassezia_arunalokei*	1.00
OTU011	Fungi	Ascomycota	Saccharomycetes	Saccharomycetales	Debaryomycetaceae	*Debaryomyces*	*Debaryomyces_hansenii*	0.87
OTU012	Fungi	Ascomycota	Dothideomycetes	Pleosporales	Didymosphaeriaceae	*NA*	*NA*	0.90
OTU013	Fungi	Ascomycota	Saccharomycetes	Saccharomycetales	Dipodascaceae	*NA*	*NA*	1.00
OTU014	Fungi	Ascomycota	Dothideomycetes	Pleosporales	Pleosporaceae	*Alternaria*	*Alternaria_cheiranthi*	0.75
OTU015	Fungi	Ascomycota	Eurotiomycetes	Eurotiales	Aspergillaceae	*Penicillium*	*Penicillium_nalgiovense*	0.83
OTU016	Fungi	Ascomycota	Eurotiomycetes	Eurotiales	Aspergillaceae	*Penicillium*	*NA*	0.95
OTU017	Fungi	Ascomycota	Eurotiomycetes	Eurotiales	Aspergillaceae	*Penicillium*	*Penicillium_meleagrinum*	0.76
OTU018	Fungi	Ascomycota	Eurotiomycetes	Eurotiales	Aspergillaceae	*Penicillium*	*Penicillium_psychrosexualis*	0.90
OTU019	Fungi	Ascomycota	Eurotiomycetes	Eurotiales	Aspergillaceae	*Penicillium*	*NA*	0.85
OTU020	Fungi	Ascomycota	Eurotiomycetes	Eurotiales	Aspergillaceae	*Aspergillus*	*Aspergillus_versicolor*	0.95
OTU021	Fungi	Ascomycota	Eurotiomycetes	Eurotiales	Trichocomaceae	*Thermomyces*	*NA*	1.00
OTU022	Fungi	Ascomycota	Eurotiomycetes	Eurotiales	Aspergillaceae	*Penicillium*	*NA*	0.99
OTU023	Fungi	Ascomycota	Eurotiomycetes	Eurotiales	Aspergillaceae	*Aspergillus*	*NA*	1.00
OTU024	Fungi	Ascomycota	Eurotiomycetes	Eurotiales	Aspergillaceae	*Aspergillus*	*NA*	1.00
OTU025	Fungi	Ascomycota	Eurotiomycetes	Eurotiales	Aspergillaceae	*Aspergillus*	*Aspergillus_terreus*	0.90
OTU026	Fungi	Ascomycota	Eurotiomycetes	Onygenales	Gymnoascaceae	*Gymnascella*	*Gymnascella_littoralis*	1.00
OTU027	Fungi	Basidiomycota	Agaricomycetes	Agaricales	Agaricaceae	*Battarrea*	*Battarrea_phalloides*	1.00
OTU028	Fungi	Ascomycota	Dothideomycetes	Pleosporales	Sporormiaceae	*Sporormiella*	*Sporormiella_minimoides*	1.00
OTU029	Fungi	Ascomycota	Sordariomycetes	Xylariales	Xylariaceae	*Ascotricha*	*Ascotricha_guamensis*	0.95
OTU030	Fungi	Ascomycota	Dothideomycetes	Pleosporales	Didymellaceae	*Didymella*	*NA*	0.93

OTU	Kingdom	Phylum	Class	Order	Family	Genus	Species	Conf.*
OTU031	Fungi	Ascomycota	Dothideomycetes	Pleosporales	Didymellaceae	*Didymella*	*NA*	0.76
OTU032	Fungi	Ascomycota	Dothideomycetes	Pleosporales	Didymellaceae	*Didymella*	*NA*	0.99
OTU033	Fungi	Ascomycota	Dothideomycetes	Capnodiales	Capnodiaceae	*Antennariella*	*Antennariella_placitae*	1.00
OTU034	Fungi	Ascomycota	Eurotiomycetes	Eurotiales	Aspergillaceae	*Aspergillus*	*Aspergillus_versicolor*	0.79
OTU035	Fungi	Basidiomycota	Agaricomycetes	Agaricales	Mycenastraceae	*Mycenastrum*	*Mycenastrum_corium*	1.00
OTU036	Fungi	Basidiomycota	Agaricomycetes	Polyporales	Meripilaceae	*Rigidoporus*	*Rigidoporus_sanguinolentus*	1.00
OTU037	Fungi	Ascomycota	Eurotiomycetes	Eurotiales	Aspergillaceae	*Penicillium*	*NA*	1.00
OTU038	Fungi	Ascomycota	Leotiomycetes	Helotiales	Myxotrichaceae	*Oidiodendron*	*Oidiodendron_cereale*	1.00
OTU039	Fungi	Basidiomycota	Malasseziomycetes	Malasseziales	Malasseziaceae	*Malassezia*	*Malassezia_globosa*	1.00
OTU040	Fungi	Basidiomycota	Malasseziomycetes	Malasseziales	Malasseziaceae	*Malassezia*	*Malassezia_globosa*	1.00
OTU041	Fungi	Basidiomycota	Malasseziomycetes	Malasseziales	Malasseziaceae	*Malassezia*	*Malassezia_globosa*	0.96
OTU042	Fungi	Ascomycota	Dothideomycetes	Capnodiales	Cladosporiaceae	*Cladosporium*	*NA*	1.00
OTU043	Fungi	Ascomycota	Dothideomycetes	Capnodiales	Cladosporiaceae	*Cladosporium*	*Cladosporium_halotolerans*	0.97
OTU044	Fungi	Ascomycota	Dothideomycetes	Capnodiales	Cladosporiaceae	*Cladosporium*	*NA*	0.94
OTU045	Fungi	Ascomycota	Eurotiomycetes	Eurotiales	Aspergillaceae	*Aspergillus*	*NA*	1.00
OTU046	Fungi	Mucoromycota	Mucoromycetes	Mucorales	Rhizopodaceae	*Rhizopus*	*Rhizopus_microsporus*	1.00
OTU047	Fungi	Basidiomycota	Agaricomycetes	Polyporales	Steccherinaceae	*Antrodiella*	*Antrodiella_serpula*	0.96
OTU048	Fungi	Ascomycota	Dothideomycetes	Pleosporales	Phaeosphaeriaceae	*Paraphoma*	*unidentified*	1.00
OTU049	Fungi	Basidiomycota	Agaricomycetes	Agaricales	Tricholomataceae	*Megacollybia*	*Megacollybia_marginata*	1.00
OTU050	Fungi	Ascomycota	Sordariomycetes	Glomerellales	Plectosphaerellaceae	*Lectera*	*Lectera_colletotrichoides*	0.94
OTU051	Fungi	Ascomycota	Dothideomycetes	Pleosporales	Phaeosphaeriaceae	*Phaeosphaeriopsis*	*unidentified*	0.72
OTU052	Fungi	Basidiomycota	Agaricomycetes	Russulales	Peniophoraceae	*Peniophora*	*Peniophora_lycii*	0.99
OTU053	Fungi	Basidiomycota	Agaricomycetes	Russulales	Peniophoraceae	*Peniophora*	*Peniophora_lycii*	1.00
OTU054	Fungi	Ascomycota	Dothideomycetes	Pleosporales	Aigialaceae	*Posidoniomyces*	*Posidoniomyces_atricolor*	1.00
OTU055	Fungi	Ascomycota	Saccharomycetes	Saccharomycetales	Saccharomycetaceae	*Saccharomyces*	*NA*	1.00
OTU056	Fungi	Ascomycota	Sordariomycetes	Microascales	Halosphaeriaceae	*Corollospora*	*Corollospora_pseudopulchella*	1.00
OTU057	Fungi	Basidiomycota	Agaricomycetes	Russulales	Peniophoraceae	*Peniophora*	*Peniophora_lycii*	1.00
OTU058	Fungi	Basidiomycota	Agaricomycetes	Hymenochaetales	Schizoporaceae	*Lyomyces*	*unidentified*	1.00
OTU059	Fungi	Ascomycota	Pezizomycotina_cls_Incertae_sedis	Pezizomycotina_ord_Incertae_sedis	Pezizomycotina_fam_Incertae_sedis	*Ciliophora*	*unidentified*	0.95
OTU060	Fungi	Ascomycota	Sordariomycetes	*NA*	*NA*	*NA*	*NA*	0.88
OTU061	Fungi	Ascomycota	Dothideomycetes	Pleosporales	Pleosporaceae	*Alternaria*	*NA*	1.00
OTU062	Fungi	Chytridiomycota	Lobulomycetes	Lobulomycetales	Lobulomycetaceae	*Lobulomyces*	*NA*	0.73

OTU	Kingdom	Phylum	Class	Order	Family	Genus	Species	Conf.*
OTU063	Fungi	Ascomycota	Sordariomycetes	Sordariomycetes incertae sedis	Sordariomycetes incertae sedis	*Acrodictys*	*NA*	0.70
OTU064	Fungi	Rozellomycota	*NA*	*NA*	*NA*	*NA*	*NA*	0.97
OTU065	Fungi	Ascomycota	Sordariomycetes	Microascales	Microascaceae	*Pithoascus*	*NA*	0.93
OTU066	Fungi	Basidiomycota	Tremellomycetes	Tremellales	Bulleribasidiaceae	*NA*	*NA*	0.70
OTU067	Fungi	Basidiomycota	Ustilaginomycetes	Ustilaginales	Ustilaginaceae	*Tranzscheliella*	*NA*	1.00
OTU068	Fungi	Rozellomycota	*NA*	*NA*	*NA*	*NA*	*NA*	0.99
OTU069	Fungi	Chytridiomycota	Chytridiomycota_incertae_sedis	Monoblepharidales	Monoblepharidaceae	*f__Monoblepharidaceae*		0,81
OTU070	Fungi	Basidiomycota	Agaricomycetes	Agaricales	*NA*	*NA*	*NA*	0.76
OTU071	Fungi;	Rozellomycota	*NA*	*NA*	*NA*	*NA*	*NA*	0.72
OTU072	Fungi	Chytridiomycota	Rhizophydiomycetes	Rhizophydiales	*NA*	*NA*	*NA*	0.82
OTU073	Fungi	Chytridiomycota	Monoblepharidomycetes	Monoblepharidales	Monoblepharidales incertae sedis	*Hyaloraphidum*	*unidentified*	0.73
OTU074	Fungi	Chytridiomycota	*NA*	*NA*	*NA*	*NA*	*NA*	0.70
OTU075	Fungi	Ascomycota	Sordariomycetes	Xylariales	*NA*	*NA*	*NA*	0.76
OTU076	Fungi	Rozellomycota	Rozellomycotina_cls_Incertae_sedis	GS08	unidentified	*o__GS08*	*NA*	0.99
OTU077	Fungi	Ascomycota	Sordariomycetes	Microascales	Halosphaeriaceae	*Tinhaudeus*	*Tinhaudeus_formosanus*	1.00
OTU078	Fungi	Ascomycota	Sordariomycetes	Microascales	Microascaceae	*Wardomycopsis*	*Wardomycopsis_litoralis*	0.94
OTU079	Fungi	Ascomycota	Dothideomycetes	Pleosporales	Lentitheciaceae	*Halobyssothecium*	*NA*	0.77
OTU080	Fungi	Basidiomycota	*NA*	*NA*	*NA*	*NA*	*NA*	0.73