

Phylum	Order	Family	Genus	Species
Proteobacteria	Oceanospirillales	Alcanivoracaceae	Alcanivorax	Alcanivorax Genus
Proteobacteria	Alteromonadales	Alteromonadaceae	Paraglaciecola	Paraglaciecola Genus
Bdellovibrionota	Bacteriovoracales	Bacteriovoracaceae	uncultured	hydrothermal vent metagenome
Proteobacteria	Cellvibrionales	Cellvibrionaceae	uncultured	gamma proteobacterium NEP2
Proteobacteria	SAR11 clade	Clade I	Clade I Family	Clade I Family
Proteobacteria	SAR11 clade	Clade I	Clade Ia	Clade Ia Genus
Proteobacteria	SAR11 clade	Clade II	Clade II Family	Clade II Family
Proteobacteria	Alteromonadales	Colwelliaceae	Colwellia	Colwellia Genus
Proteobacteria	Alteromonadales	Colwelliaceae	Colwelliaceae Family	Colwelliaceae Family
Bacteroidota	Flavobacteriales	Crocinitomicaceae	Crocinitomicaceae Family	Crocinitomicaceae Family
Bacteroidota	Flavobacteriales	Crocinitomicaceae	Fluviicola	marine metagenome
Bacteroidota	Flavobacteriales	Crocinitomicaceae	Salinirepens	uncultured bacterium
Bacteroidota	Flavobacteriales	Crocinitomicaceae	Fluviicola	uncultured Bacteroidetes/Chlorobi group bacterium
Bacteroidota	Flavobacteriales	Crocinitomicaceae	Crocinitomix	uncultured marine bacterium
Bacteroidota	Flavobacteriales	Crocinitomicaceae	Salinirepens	uncultured marine bacterium
Bacteroidota	Flavobacteriales	Cryomorphaceae	uncultured	uncultured Genus
Bacteroidota	Flavobacteriales	Cryomorphaceae	Vicingus	Vicingus Genus
Proteobacteria	Ectothiorhodospirales	Ectothiorhodospiraceae	uncultured	uncultured proteobacterium
Bacteroidota	Flavobacteriales	Flavobacteriaceae	uncultured	Aquimarina versatilis
Bacteroidota	Flavobacteriales	Flavobacteriaceae	uncultured	Flavobacteriaceae bacterium 14III/A01/012
Bacteroidota	Flavobacteriales	Flavobacteriaceae	Flavobacteriaceae Family	Flavobacteriaceae Family
Bacteroidota	Flavobacteriales	Flavobacteriaceae	Polaribacter	Polaribacter Genus
Bacteroidota	Flavobacteriales	Flavobacteriaceae	Ulvibacter	uncultured bacterium ARCTIC16_F_12
Bacteroidota	Flavobacteriales	Flavobacteriaceae	uncultured	uncultured Genus
Planctomycetota	Planctomycetales	Gimesiaceae	uncultured	uncultured Planctomyces clone 7F15
Proteobacteria	Oceanospirillales	Halomonadaceae	Halomonas	Halomonas Genus
Actinobacteriota	Microtrichales	Ilumatobacteraceae	Ilumatobacteraceae Family	Ilumatobacteraceae Family
Bacteroidota	Sphingobacteriales	Lentimicrobiaceae	uncultured deep-sea archaeon	uncultured deep-sea archaeon Genus
Proteobacteria	Alteromonadales	Marinobacteraceae	Marinobacter	Marinobacter Genus
Proteobacteria	Nitrosococcales	Methylophagaceae	Methylophagaceae Family	Methylophagaceae Family
Proteobacteria	Pseudomonadales	Moraxellaceae	Psychrobacter	Psychrobacter Genus

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Proteobacteria	Alteromonadales	Moritellaceae	Moritella	Moritella Genus
Bacteroidota	Flavobacteriales	NS9 marine group	NS9 marine group Family	NS9 marine group Family
Bacteroidota	Flavobacteriales	NS9 marine group	seawater metagenome	seawater metagenome Genus
Bacteroidota	Flavobacteriales	NS9 marine group	uncultured Flavobacterium sp.	uncultured Flavobacterium sp. Genus
Proteobacteria	Oceanospirillales	Nitrincolaceae	uncultured	marine metagenome
Proteobacteria	Oceanospirillales	Nitrincolaceae	Profundimonas	Profundimonas Genus
Proteobacteria	Oceanospirillales	Nitrincolaceae	uncultured	seawater metagenome
Crenarchaeota	Nitrosopumilales	Nitrosopumilaceae	Candidatus Nitrosopumilus	Candidatus Nitrosopumilus Genus
Crenarchaeota	Nitrosopumilales	Nitrosopumilaceae	Nitrosopumilaceae Family	Nitrosopumilaceae Family
Crenarchaeota	Nitrosopumilales	Nitrosopumilaceae	Candidatus Nitrosopumilus	Thaumarchaeota archaeon SCGC AAA282-K18
Crenarchaeota	Nitrosopumilales	Nitrosopumilaceae	uncultured crenarchaeote ODPB-A3	uncultured crenarchaeote ODPB-A3 Genus
Crenarchaeota	Nitrosopumilales	Nitrosopumilaceae	uncultured euryarchaeote	uncultured euryarchaeote Genus
Crenarchaeota	Nitrosopumilales	Nitrosopumilaceae	uncultured marine crenarchaeote SAT1000-49-D2	uncultured marine crenarchaeote SAT1000-49-D2 Genus
Crenarchaeota	Nitrosopumilales	Nitrosopumilaceae	uncultured marine thaumarchaeote KM3_69_H10	uncultured marine thaumarchaeote KM3_69_H10 Genus
Planctomycetota	Phycisphaerales	Phycisphaeraceae	JL-ETNP-F27	uncultured deep-sea bacterium
Planctomycetota	Pirellulales	Pirellulaceae	Rhodopirellula	hydrothermal vent metagenome
Proteobacteria	Cellvibrionales	Porticoccaceae	SAR92 clade	SAR92 clade Genus
Proteobacteria	Alteromonadales	Pseudoalteromonadaceae	Pseudoalteromonadaceae Family	Pseudoalteromonadaceae Family
Proteobacteria	Alteromonadales	Pseudoalteromonadaceae	Pseudoalteromonas	Pseudoalteromonas Genus
Proteobacteria	Oceanospirillales	Pseudohongiellaceae	Pseudohongiella	marine gamma proteobacterium HTCC2188
Proteobacteria	Oceanospirillales	Pseudohongiellaceae	Pseudohongiella	Pseudohongiella Genus
Proteobacteria	Oceanospirillales	Pseudohongiellaceae	Pseudohongiella	seawater metagenome
Proteobacteria	Pseudomonadales	Pseudomonadaceae	Pseudomonas	Pseudomonas Genus
Proteobacteria	Rhizobiales	Rhizobiaceae	Hoeflea	Hoeflea Genus
Proteobacteria	Rhodobacterales	Rhodobacteraceae	Rhodobacteraceae Family	Rhodobacteraceae Family
Proteobacteria	Rhodobacterales	Rhodobacteraceae	Sulfitobacter	Sulfitobacter Genus
Verrucomicrobiota	Verrucomicrobiales	Rubritaleaceae	Roseibacillus	Roseibacillus Genus
Verrucomicrobiota	Verrucomicrobiales	Rubritaleaceae	Luteolibacter	uncultured organism
Verrucomicrobiota	Verrucomicrobiales	Rubritaleaceae	Roseibacillus	uncultured Roseibacillus sp.
Proteobacteria	Oceanospirillales	Saccharospirillaceae	Oleispira	Oleispira Genus

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Proteobacteria	Oceanospirillales	Saccharospirillaceae	Saccharospirillaceae Family	Saccharospirillaceae Family
Proteobacteria	Oceanospirillales	Saccharospirillaceae	uncultured	uncultured Oceanospirillales bacterium
Bacteroidota	Chitinophagales	Saprospiraceae	Lewinella	Lewinella Genus
Bacteroidota	Chitinophagales	Saprospiraceae	Aureispira	Saprospira sp. CNJ640
Bacteroidota	Chitinophagales	Saprospiraceae	Saprospiraceae Family	Saprospiraceae Family
Bacteroidota	Chitinophagales	Saprospiraceae	Aureispira	uncultured marine bacterium
Bacteroidota	Chitinophagales	Saprospiraceae	Lewinella	uncultured marine bacterium
Proteobacteria	Sphingomonadales	Sphingomonadaceae	Sphingomonadaceae Family	Sphingomonadaceae Family
Proteobacteria	Thiomicrospirales	Thioglobaceae	SUP05 cluster	SUP05 cluster Genus
Proteobacteria	Thiomicrospirales	Thioglobaceae	Thioglobaceae Family	Thioglobaceae Family
Proteobacteria	Vibrionales	Vibrionaceae	Vibrionaceae Family	Vibrionaceae Family
Thermoplasmatota	Marine Group II	hydrothermal vent metagenome	hydrothermal vent metagenome Family	hydrothermal vent metagenome Family
Proteobacteria	SAR86 clade	hydrothermal vent metagenome	hydrothermal vent metagenome Family	hydrothermal vent metagenome Family
Proteobacteria	HOC36	uncultured bacterium HF0770_27E13	uncultured bacterium HF0770_27E13 Family	uncultured bacterium HF0770_27E13 Family
Patescibacteria	Candidatus Kaiserbacteria	uncultured prokaryote	uncultured prokaryote Family	uncultured prokaryote Family