

Archaea;Crenarchaeota;Nitrososphaeria;Nitrosopumilales;Nitrosopumilaceae;Candidatus Nitrosopumilus
Bacteria;Proteobacteria;Alphaproteobacteria;SAR11 clade;Clade I;Clade Ia
Archaea;Thermoplasmata;Thermoplasmata;Marine Group II;Marine Group II;Marine Group II;marine metagenome
Bacteria;Cyanobacteria;Cyanobacteria;Synechococcales;Cyanobiaceae;Prochlorococcus MIT9313;Prochlorococcus marinus
Bacteria;Actinobacteriota;Acidimicrobia;Actinomarinales;Actinomarinaceae;Candidatus Actinomarina;uncultured marine
Bacteria;Planctomycetota;Planctomycetes;Pirellulales;Pirellulaceae;Blastopirellula;uncultured Pirellula
Bacteria;Actinobacteriota;Acidimicrobia;Actinomarinales;Actinomarinaceae;Candidatus Actinomarina
Bacteria;Bacteroidota;Bacteroidia;Flavobacteriales;Flavobacteriaceae;NS2b marine group;uncultured marine
Bacteria;Chloroflexi;Dehalococcoidia;SAR202 clade;SAR202 clade;SAR202 clade;uncultured Chloroflexi
Bacteria;Marinimicrobia (SAR406 clade);Marinimicrobia (SAR406 clade);Marinimicrobia (SAR406 clade);Marinimicrobia (SAR406 clade);Marinimicrobia (SAR406 clade);unidentified marine
Bacteria;Proteobacteria;Alphaproteobacteria;Puniceispirillales;SAR116 clade;SAR116 clade;alpha proteobacterium
Bacteria;Proteobacteria;Gammaproteobacteria;SAR86 clade;SAR86 clade;SAR86 clade;Rhodobacteraceae bacterium
Bacteria;Proteobacteria;Alphaproteobacteria;Puniceispirillales;SAR116 clade;Candidatus Puniceispirillum;uncultured bacterium
Archaea;Crenarchaeota;Nitrososphaeria;Nitrosopumilales;Nitrosopumilaceae;Candidatus Nitrosopumilus;unidentified archaeon
Archaea;Crenarchaeota;Nitrososphaeria;Nitrosopumilales;Nitrosopumilaceae;Nitrosopumilaceae;uncultured marine
Bacteria;Proteobacteria;Alphaproteobacteria;Rhodospirillales;AEGEAN-169 marine group;AEGEAN-169 marine group;metagenome

SAR86_b*	Bacteria;Bacteroidota;Bacteroidia;Flavobacteriales;Flavobacteriaceae;Formosa;uncultured marine
	Bacteria;Proteobacteria;Gammaproteobacteria;Oceanospirillales;Pseudohongiellaceae;Pseudohongiella
	Bacteria;Bacteroidota;Bacteroidia;Flavobacteriales;NS9 marine group;NS9 marine group;marine metagenome
	Bacteria;Proteobacteria;Gammaproteobacteria;Cellvibrionales;Porticoccaceae;SAR92 clade
	Bacteria;Proteobacteria;Alphaproteobacteria;Rhodobacterales;Rhodobacteraceae;uncultured
	Bacteria;Verrucomicrobiota;Verrucomicrobiae;Opitutales;Puniceicoccaceae;MB11C04 marine group
	Bacteria;Proteobacteria;Gammaproteobacteria;SAR86 clade;SAR86 clade;SAR86 clade;uncultured bacterium
	Bacteria;Bacteroidota;Bacteroidia;Flavobacteriales;Flavobacteriaceae;NS5 marine group
	Bacteria;Proteobacteria;Gammaproteobacteria;SAR86 clade;SAR86 clade;SAR86 clade;metagenome
	Bacteria;Cyanobacteria;Cyanobacteria;Synechococcales;Cyanobiaceae;Prochlorococcus MIT9313
	Bacteria;Proteobacteria;Alphaproteobacteria;Puniceispirillales;SAR116 clade;SAR116 clade;uncultured Oceanibaculum
SAR202_b*	
	Bacteria;Cyanobacteria;Cyanobacteria;Synechococcales;Cyanobiaceae;Synechococcus CC9902
	Bacteria;Actinobacteriota;Actinobacteria;Propionibacteriales;Propionibacteriaceae;Cutibacterium
	Bacteria;Cyanobacteria;Cyanobacteria;Chloroplast;Chloroplast;Chloroplast;uncultured Mamiellophyceae

Eukaryota; Protalveolata; Syndiniales; Syndiniales; Syndiniales; Amoeboophrya; uncultured_marine	Eukaryota; Dinoflagellata; Dinophyceae; Gymnodiniophycidae; Incertae_Sedis; Cochlodinium; uncultured_marine
Eukaryota; Pyrmnesioecidae; Pyrmnesioecidae; Pyrmnesiales; Pyrmnesiales; Chrysocromulinia; uncultured_eukaryote	Eukaryota; Retaria; RAD_B; RAD_B; RAD_B; RAD_B
Eukaryota; Diatomea; Bacillariophyceae; Bacillariophyceae; Bacillariophyceae	Eukaryota; Ciliophora; Intramacronucleata; Conthrepe; Phyllopharyngae; Acinetia; uncultured_marine
Eukaryota; Dinoflagellata; Dinophyceae; Gonyaulacales; Gonyaulacales; Lingulodinium	Eukaryota; Diatomea; Coscinodiscophytina; Coscinodiscophytina; Rhizosolenites; Leptocylinidrus; uncultured_marine
Eukaryota	Eukaryota; Dinoflagellata; Dinophyceae; Gymnodiniophycidae; Suessiacea; Biecheleria
Eukaryota; Dinoflagellata; Dinophyceae	Eukaryota; Dinoflagellata; Dinoflagellata; Noctilucales; Noctilucales; Noctiluca; Noctiluca_scintillans
Eukaryota; Protalveolata; Syndiniales; Syndiniales; Syndiniales_Group_II; Syndiniales_Group_II; uncultured_eukaryote	Eukaryota; Cercozoa; Chlorarachniophyta; Chlorarachniophyta; Chlorarachniophyta; Minorisa
Eukaryota; Protalveolata; Syndiniales; Syndiniales; Syndiniales_Group_I; Syndiniales_Group_I; uncultured_eukaryote	Eukaryota; Arthropoda; Maxillopoda; Cyclopoida; Cyclopoida; Cyclopoida; uncultured_eukaryote
Eukaryota; Dinoflagellata; Dinophyceae; Gonyaulacales; Gonyaulacales; Neoceratium; Tripos_tenuis	Eukaryota; MAST-7; MAST-7B; MAST-7B; MAST-7B; MAST-7B; uncultured_stramenopile
Eukaryota; Ciliophora; Intramacronucleata; Spirotrichea; Oligotrichia	Eukaryota; Ochrophyta; Chrysophyceae; Incertae_Sedis; Incertae_Sedis; Chlamydomona
Eukaryota; Arthropoda; Maxillopoda; Calanoida; Calanoida; Calanoida; uncultured_eukaryote	Eukaryota; Diatomea; Mediophyceae; Mediophyceae; Mediophyceae; Eucampia; Eucampia_antarctica

Eukaryota; Dinoflagellata; Dinophyceae; Gymnodiniophycidae; Incertae_Sedis; Cochlodinium; uncultured_eukaryote
Eukaryota; Retaria; RAD_B; RAD_B; RAD_B; RAD_B
Eukaryota; Ciliophora; Intramacronucleata; Conthreep; Phylopharyngea; Acineta; uncultured_marine
Eukaryota; Diatomea; Coscinodiscophytina; Coscinodiscophytina; Rhizosolenids; Leptocyindrus; uncultured_stramenopile
Eukaryota; Dinoflagellata; Dinophyceae; Gymnodiniophycidae; Suessiaceae; Biecheleria
Eukaryota; Dinoflagellata; Dinoflagellata; Noctilucales; Noctilucales; Noctiluca; Noctiluca_scintillans
Eukaryota; Cercozoa; Chlorarachniophyta; Chlorarachniophyta; Chlorarachniophyta; Minorisa
Eukaryota; Arthropoda; Maxillopoda; Cyclopoida; Cyclopoida; Cyclopoida; uncultured_eukaryote
Eukaryota; MAST-7; MAST-7B; MAST-7B; MAST-7B; MAST-7B; uncultured_stramenopile
Eukaryota; Ochrophyta; Chrysophyceae; Incertae_Sedis; Incertae_Sedis; Chlamydomyxa
Eukaryota; Diatomea; Mediophyceae; Mediophyceae; Mediophyceae; Eucampia; Eucampia_antarctica