

D\_0\_Archaea;D\_1\_Euryarchaeota;D\_2\_Halobacteria;D\_3\_Halobacteriales;D\_4\_Halobacteriaceae  
D\_0\_Archaea;D\_1\_Nanohaloarchaeota;D\_2\_uncultured archaeon;D\_3\_uncultured archaeon;D\_4\_uncultured archaeon  
D\_0\_Archaea;D\_1\_Nanohaloarchaeota;D\_2\_uncultured haloarchaeon;D\_3\_uncultured haloarchaeon;D\_4\_uncultured haloarchaeon  
D\_0\_Archaea;D\_1\_Nanohaloarchaeota;Other;Other;Other  
D\_0\_Archaea;D\_1\_Thaumarchaeota;D\_2\_Soil Crenarchaeotic Group(SCG);D\_3\_uncultured archaeon;D\_4\_uncultured archaeon  
D\_0\_Bacteria;D\_1\_Acidobacteria;D\_2\_Acidobacteria;D\_3\_Acidobacteriales;D\_4\_Acidobacteriaceae (Subgroup 1)  
D\_0\_Bacteria;D\_1\_Acidobacteria;D\_2\_Acidobacteria;D\_3\_Subgroup 3;D\_4\_Unknown Family  
D\_0\_Bacteria;D\_1\_Acidobacteria;D\_2\_Acidobacteria;D\_3\_Subgroup 4;D\_4\_RB41  
D\_0\_Bacteria;D\_1\_Acidobacteria;D\_2\_Acidobacteria;D\_3\_Subgroup 4;D\_4\_Unknown Family  
D\_0\_Bacteria;D\_1\_Actinobacteria;D\_2\_Acidimicrobia;D\_3\_Acidimicrobiales;D\_4\_uncultured  
D\_0\_Bacteria;D\_1\_Actinobacteria;D\_2\_Actinobacteria;D\_3\_Actinomycetales;D\_4\_Actinomycetaceae  
D\_0\_Bacteria;D\_1\_Actinobacteria;D\_2\_Actinobacteria;D\_3\_Corynebacteriales;D\_4\_Corynebacteriaceae  
D\_0\_Bacteria;D\_1\_Actinobacteria;D\_2\_Actinobacteria;D\_3\_Corynebacteriales;D\_4\_Nocardiaceae  
D\_0\_Bacteria;D\_1\_Actinobacteria;D\_2\_Actinobacteria;D\_3\_Frankiales;D\_4\_Frankiaceae  
D\_0\_Bacteria;D\_1\_Actinobacteria;D\_2\_Actinobacteria;D\_3\_Frankiales;D\_4\_Geodermatophylaceae  
D\_0\_Bacteria;D\_1\_Actinobacteria;D\_2\_Actinobacteria;D\_3\_Frankiales;D\_4\_Nakamurellaceae  
D\_0\_Bacteria;D\_1\_Actinobacteria;D\_2\_Actinobacteria;D\_3\_Frankiales;D\_4\_Sporichthyaceae  
D\_0\_Bacteria;D\_1\_Actinobacteria;D\_2\_Actinobacteria;D\_3\_Frankiales;D\_4\_uncultured  
D\_0\_Bacteria;D\_1\_Actinobacteria;D\_2\_Actinobacteria;D\_3\_Frankiales;Other  
D\_0\_Bacteria;D\_1\_Actinobacteria;D\_2\_Actinobacteria;D\_3\_Kineosporiales;D\_4\_Kineosporiaceae  
D\_0\_Bacteria;D\_1\_Actinobacteria;D\_2\_Actinobacteria;D\_3\_Micrococcales;D\_4\_Intrasporangiaceae  
D\_0\_Bacteria;D\_1\_Actinobacteria;D\_2\_Actinobacteria;D\_3\_Micrococcales;D\_4\_Micrococcaceae  
D\_0\_Bacteria;D\_1\_Actinobacteria;D\_2\_Actinobacteria;D\_3\_Propionibacteriales;D\_4\_Nocardioidaceae  
D\_0\_Bacteria;D\_1\_Actinobacteria;D\_2\_Actinobacteria;D\_3\_Propionibacteriales;D\_4\_Propionibacteriaceae  
D\_0\_Bacteria;D\_1\_Actinobacteria;D\_2\_Actinobacteria;D\_3\_Pseudonocardiales;D\_4\_Pseudonocardiaceae  
D\_0\_Bacteria;D\_1\_Actinobacteria;D\_2\_Nitriliruptoria;D\_3\_Euzebyales;D\_4\_Euzebyaceae  
D\_0\_Bacteria;D\_1\_Actinobacteria;D\_2\_Rubrobacteria;D\_3\_Rubrobacteriales;D\_4\_Rubrobacteriaceae  
D\_0\_Bacteria;D\_1\_Actinobacteria;D\_2\_Thermoleophila;D\_3\_Solirubrobacteriales;D\_4\_0319-6M6  
D\_0\_Bacteria;D\_1\_Actinobacteria;D\_2\_Thermoleophila;D\_3\_Solirubrobacteriales;D\_4\_480-2  
D\_0\_Bacteria;D\_1\_Actinobacteria;D\_2\_Thermoleophila;D\_3\_Solirubrobacteriales;D\_4\_Patulibacteraceae  
D\_0\_Bacteria;D\_1\_Armatimonadetes;D\_2\_Armatimonadia;D\_3\_Armatimonadales;D\_4\_uncultured bacterium  
D\_0\_Bacteria;D\_1\_Armatimonadetes;D\_2\_uncultured bacterium;D\_3\_uncultured bacterium;D\_4\_uncultured bacterium  
D\_0\_Bacteria;D\_1\_Bacteroidetes;D\_2\_Bacteroidia;D\_3\_Bacteroidales;D\_4\_Porphyromonadaceae  
D\_0\_Bacteria;D\_1\_Bacteroidetes;D\_2\_Bacteroidia;D\_3\_Bacteroidales;D\_4\_Prevotellaceae  
D\_0\_Bacteria;D\_1\_Bacteroidetes;D\_2\_Cytophagia;D\_3\_Cytophagales;D\_4\_Cytophagaceae  
D\_0\_Bacteria;D\_1\_Bacteroidetes;D\_2\_Cytophagia;D\_3\_Cytophagales;D\_4\_Flammeovirgaceae  
D\_0\_Bacteria;D\_1\_Bacteroidetes;D\_2\_Cytophagia;D\_3\_Cytophagales;D\_4\_MWH-CFBk5  
D\_0\_Bacteria;D\_1\_Bacteroidetes;D\_2\_Cytophagia;D\_3\_Order II;D\_4\_Rhodothermaceae  
D\_0\_Bacteria;D\_1\_Bacteroidetes;D\_2\_Flavobacteriia;D\_3\_Flavobacteriales;D\_4\_Cryomorphaceae  
D\_0\_Bacteria;D\_1\_Bacteroidetes;D\_2\_Flavobacteriia;D\_3\_Flavobacteriales;D\_4\_Flavobacteriaceae  
D\_0\_Bacteria;D\_1\_Bacteroidetes;D\_2\_Sphingobacteriia;D\_3\_Sphingobacteriales;D\_4\_Chitinophagaceae  
D\_0\_Bacteria;D\_1\_Bacteroidetes;D\_2\_Sphingobacteriia;D\_3\_Sphingobacteriales;D\_4\_Sphingobacteriaceae  
D\_0\_Bacteria;D\_1\_Chloroflexi;D\_2\_Ardenticatenia;D\_3\_Ardenticatenales;D\_4\_uncultured bacterium  
D\_0\_Bacteria;D\_1\_Chloroflexi;D\_2\_Ktedonobacteria;D\_3\_C0119;Other  
D\_0\_Bacteria;D\_1\_Chloroflexi;D\_2\_Thermomicrobia;D\_3\_JG30-KF-CM45;D\_4\_uncultured bacterium  
D\_0\_Bacteria;D\_1\_Cyanobacteria;D\_2\_Chloroplast;D\_3\_uncultured Chlorophyta;D\_4\_uncultured Chlorophyta  
D\_0\_Bacteria;D\_1\_Cyanobacteria;D\_2\_Chloroplast;D\_3\_uncultured bacterium;D\_4\_uncultured bacterium  
D\_0\_Bacteria;D\_1\_Cyanobacteria;D\_2\_Chloroplast;D\_3\_uncultured eukaryote;D\_4\_uncultured eukaryote  
D\_0\_Bacteria;D\_1\_Cyanobacteria;D\_2\_Chloroplast;D\_3\_uncultured organism;D\_4\_uncultured organism  
D\_0\_Bacteria;D\_1\_Cyanobacteria;D\_2\_Chloroplast;Other;Other  
D\_0\_Bacteria;D\_1\_Cyanobacteria;D\_2\_Cyanobacteria;D\_3\_SubsectionI;D\_4\_FamilyI  
D\_0\_Bacteria;D\_1\_Cyanobacteria;D\_2\_Cyanobacteria;D\_3\_SubsectionII;D\_4\_FamilyII  
D\_0\_Bacteria;D\_1\_Cyanobacteria;D\_2\_Cyanobacteria;D\_3\_SubsectionIII;D\_4\_FamilyI  
D\_0\_Bacteria;D\_1\_Cyanobacteria;D\_2\_Cyanobacteria;D\_3\_SubsectionIV;D\_4\_FamilyI  
D\_0\_Bacteria;D\_1\_Cyanobacteria;D\_2\_Cyanobacteria;D\_3\_uncultured;D\_4\_uncultured bacterium  
D\_0\_Bacteria;D\_1\_Cyanobacteria;D\_2\_Cyanobacteria;D\_3\_uncultured;Other  
D\_0\_Bacteria;D\_1\_Cyanobacteria;D\_2\_Cyanobacteria;Other;Other  
D\_0\_Bacteria;D\_1\_Deinococcus-Thermus;D\_2\_Deinococci;D\_3\_Deinococcales;D\_4\_Deinococcaceae  
D\_0\_Bacteria;D\_1\_Deinococcus-Thermus;D\_2\_Deinococci;D\_3\_Deinococcales;D\_4\_Trueperaceae  
D\_0\_Bacteria;D\_1\_Firmicutes;D\_2\_Bacilli;D\_3\_Bacillales;D\_4\_Bacillaceae  
D\_0\_Bacteria;D\_1\_Firmicutes;D\_2\_Bacilli;D\_3\_Bacillales;D\_4\_Family XI  
D\_0\_Bacteria;D\_1\_Firmicutes;D\_2\_Bacilli;D\_3\_Bacillales;D\_4\_Staphylococcaceae  
D\_0\_Bacteria;D\_1\_Firmicutes;D\_2\_Bacilli;D\_3\_Lactobacillales;D\_4\_Aerococcaceae  
D\_0\_Bacteria;D\_1\_Firmicutes;D\_2\_Bacilli;D\_3\_Lactobacillales;D\_4\_Carnobacteriaceae  
D\_0\_Bacteria;D\_1\_Firmicutes;D\_2\_Bacilli;D\_3\_Lactobacillales;D\_4\_Streptococcaceae  
D\_0\_Bacteria;D\_1\_Firmicutes;D\_2\_Clostridia;D\_3\_Clostridiales;D\_4\_Family XI  
D\_0\_Bacteria;D\_1\_Fusobacteria;D\_2\_Fusobacteriia;D\_3\_Fusobacteriales;D\_4\_Fusobacteriaceae  
D\_0\_Bacteria;D\_1\_Gemmatimonadetes;D\_2\_Gemmatimonadetes;D\_3\_AT425-EubC11 terrestrial group;D\_4\_uncultured bacterium  
D\_0\_Bacteria;D\_1\_Plantcymycetes;D\_2\_Phycisphaerae;D\_3\_Phycisphaerales;D\_4\_Phycisphaeraceae  
D\_0\_Bacteria;D\_1\_Plantcymycetes;D\_2\_Plantcymycetacia;D\_3\_Plantcymycetales;D\_4\_Plantcymycetaceae  
D\_0\_Bacteria;D\_1\_Proteobacteria;D\_2\_Alphaproteobacteria;D\_3\_Caulobacteriales;D\_4\_Caulobacteraceae  
D\_0\_Bacteria;D\_1\_Proteobacteria;D\_2\_Alphaproteobacteria;D\_3\_Rhizobiales;D\_4\_1174-901-12  
D\_0\_Bacteria;D\_1\_Proteobacteria;D\_2\_Alphaproteobacteria;D\_3\_Rhizobiales;D\_4\_D05-2  
D\_0\_Bacteria;D\_1\_Proteobacteria;D\_2\_Alphaproteobacteria;D\_3\_Rhizobiales;D\_4\_JG34-KF-361  
D\_0\_Bacteria;D\_1\_Proteobacteria;D\_2\_Alphaproteobacteria;D\_3\_Rhizobiales;D\_4\_Methylobacteriaceae  
D\_0\_Bacteria;D\_1\_Proteobacteria;D\_2\_Alphaproteobacteria;D\_3\_Rhodobacterales;D\_4\_Rhodobacteraceae  
D\_0\_Bacteria;D\_1\_Proteobacteria;D\_2\_Alphaproteobacteria;D\_3\_Rhodospirillales;D\_4\_Acetobacteraceae  
D\_0\_Bacteria;D\_1\_Proteobacteria;D\_2\_Alphaproteobacteria;D\_3\_Rhodospirillales;D\_4\_Rhodospirillaceae  
D\_0\_Bacteria;D\_1\_Proteobacteria;D\_2\_Alphaproteobacteria;D\_3\_Sphingomonadales;D\_4\_AKYG937  
D\_0\_Bacteria;D\_1\_Proteobacteria;D\_2\_Alphaproteobacteria;D\_3\_Sphingomonadales;D\_4\_Ellin6055  
D\_0\_Bacteria;D\_1\_Proteobacteria;D\_2\_Alphaproteobacteria;D\_3\_Sphingomonadales;D\_4\_JG34-KF-161  
D\_0\_Bacteria;D\_1\_Proteobacteria;D\_2\_Alphaproteobacteria;D\_3\_Sphingomonadales;D\_4\_Sphingomonadaceae  
D\_0\_Bacteria;D\_1\_Proteobacteria;D\_2\_Alphaproteobacteria;D\_3\_Sphingomonadales;Other  
D\_0\_Bacteria;D\_1\_Proteobacteria;D\_2\_Betaproteobacteria;D\_3\_Burkholderiales;D\_4\_Comamonadaceae  
D\_0\_Bacteria;D\_1\_Proteobacteria;D\_2\_Betaproteobacteria;D\_3\_Burkholderiales;D\_4\_Oxalobacteraceae  
D\_0\_Bacteria;D\_1\_Proteobacteria;D\_2\_Betaproteobacteria;D\_3\_Neisseriales;D\_4\_Neisseriaceae  
D\_0\_Bacteria;D\_1\_Proteobacteria;D\_2\_Deltaproteobacteria;D\_3\_Desulfuromonadales;D\_4\_GR-WP33-58  
D\_0\_Bacteria;D\_1\_Proteobacteria;D\_2\_Deltaproteobacteria;D\_3\_Myxococcales;D\_4\_KD3-10  
D\_0\_Bacteria;D\_1\_Proteobacteria;D\_2\_Deltaproteobacteria;D\_3\_Myxococcales;D\_4\_Polyangiaceae  
D\_0\_Bacteria;D\_1\_Proteobacteria;D\_2\_Gammaproteobacteria;D\_3\_Alteromonadales;D\_4\_Shewanellaceae  
D\_0\_Bacteria;D\_1\_Proteobacteria;D\_2\_Gammaproteobacteria;D\_3\_Chromatiales;D\_4\_Ectothiorhodospiraceae  
D\_0\_Bacteria;D\_1\_Proteobacteria;D\_2\_Gammaproteobacteria;D\_3\_Enterobacteriales;D\_4\_Enterobacteriaceae  
D\_0\_Bacteria;D\_1\_Proteobacteria;D\_2\_Gammaproteobacteria;D\_3\_Oceanospirillales;D\_4\_Halomonadaceae  
D\_0\_Bacteria;D\_1\_Proteobacteria;D\_2\_Gammaproteobacteria;D\_3\_Pasteurellales;D\_4\_Pasteurellaceae  
D\_0\_Bacteria;D\_1\_TM6;D\_2\_uncultured bacterium;D\_3\_uncultured bacterium;D\_4\_uncultured bacterium  
D\_0\_Bacteria;D\_1\_Verrucomicrobia;D\_2\_Spartobacteria;D\_3\_Chthoniobacteriales;D\_4\_Chthoniobacteraceae  
D\_0\_Bacteria;D\_1\_Verrucomicrobia;D\_2\_Spartobacteria;D\_3\_Chthoniobacteriales;D\_4\_DAI01 soil group  
Unassigned;Other;Other;Other;Other