```
\begin{tabular}{ll} $D_0$ Archaea; $D_1$ Euryarchaeota; $D_2$ Halobacteria; $D_3$ Halobacteriales; $D_4$ Halobacteriaceae; $D_5$ Halopricum and $D_1$ Halobacteria; $D_3$ Halobacteriales; $D_4$ Halobacteriaceae; $D_5$ Halopricum and $D_1$ Halobacteriales; $D_4$ Halobacteriaceae; $D_5$ Halobac
D_0_Archaea;D_1_Euryarchaeota;D_2_Halobacteria;D_3_Halobacteriales;D_4_Halobacteriaceae;D_5_Haloarchaeobius
D_0_Archaea;D_1_Euryarchaeota;D_2_Halobacteria;D_3_Halobacteriales;D_4_Halobacteriaceae;D_5_Haloarcula
D_0_Archaea;D_1_Euryarchaeota;D_2_Halobacteria;D_3_Halobacteriales;D_4_Halobacteriaceae;D_5_Halobacterium
   D_0_Archaea;D_1_Euryarchaeota;D_2_Halobacteria;D_3_Halobacteriales;D_4_Halobacteriaceae;D_5_Halobaculum
   D_0_Archaea;D_1_Euryarchaeota;D_2_Halobacteria;D_3_Halobacteriales;D_4_Halobacteriaceae;D_5_Halobellus
D_0_Archaea;D_1_Euryarchaeota;D_2_Halobacteria;D_3_Halobacteriales;D_4_Halobacteriaceae;D_5_Halococcus
D_0_Archaea;D_1_Euryarchaeota;D_2_Halobacteria;D_3_Halobacteriales;D_4_Halobacteriaceae;D_5_Halolamina
D_0_Archaea;D_1_Euryarchaeota;D_2_Halobacteria;D_3_Halobacteriales;D_4_Halobacteriaceae;D_5_Halomarina
D_0_Archaea;D_1_Euryarchaeota;D_2_Halobacteria;D_3_Halobacteriales;D_4_Halobacteriaceae;D_5_Halomicroarcula
D_0_Archaea;D_1_Euryarchaeota;D_2_Halobacteria;D_3_Halobacteriales;D_4_Halobacteriaceae;D_5_Halomicrobium
 D_0_Archaea;D_1_Euryarchaeota;D_2_Halobacteria;D_3_Halobacteriales;D_4_Halobacteriaceae;D_5_Halonotius
 D_0_Archaea;D_1_Euryarchaeota;D_2_Halobacteria;D_3_Halobacteriales;D_4_Halobacteriaceae;D_5_Haloplanus
 D_0_Archaea;D_1_Euryarchaeota;D_2_Halobacteria;D_3_Halobacteriales;D_4_Halobacteriaceae;D_5_Halorhabdus
D_0_Archaea;D_1_Euryarchaeota;D_2_Halobacteria;D_3_Halobacteriales;D_4_Halobacteriaceae;D_5_Halorientalis
D_0_Archaea;D_1_Euryarchaeota;D_2_Halobacteria;D_3_Halobacteriales;D_4_Halobacteriaceae;D_5_Halorubellus
      D_0_Archaea;D_1_Euryarchaeota;D_2_Halobacteria;D_3_Halobacteriales;D_4_Halobacteriaceae;D_5_Halorubrum
 D_0_Archaea;D_1_Euryarchaeota;D_2_Halobacteria;D_3_Halobacteriales;D_4_Halobacteriaceae;D_5_Halorussus
D_0_Archaea;D_1_Euryarchaeota;D_2_Halobacteria;D_3_Halobacteriales;D_4_Halobacteriaceae;D_5_Halosimplex
D_0_Archaea;D_1_Euryarchaeota;D_2_Halobacteria;D_3_Halobacteriales;D_4_Halobacteriaceae;D_5_Halovenus
D_0_Archaea;D_1_Euryarchaeota;D_2_Halobacteria;D_3_Halobacteriales;D_4_Halobacteriaceae;D_5_Natronoarchaeum
D_0_Archaea;D_1_Euryarchaeota;D_2_Halobacteria;D_3_Halobacteriales;D_4_Halobacteriaceae;D_5_Natronomonas
 D_0_Archaea;D_1_Euryarchaeota;D_2_Halobacteria;D_3_Halobacteriales;D_4_Halobacteriaceae;D_5_Salinarchaeum
D_0_Archaea;D_1_Euryarchaeota;D_2_Halobacteria;D_3_Halobacteriales;D_4_Halobacteriaceae;D_5_uncultured
D_0_Archaea;D_1_Euryarchaeota;D_2_Halobacteria;D_3_Halobacteriales;D_4_Halobacteriaceae;Other
D_0_Archaea;D_1_Nanohaloarchaeota;D_2_uncultured archaeon;D_3_uncultured archaeon;D_4_uncultured archaeon;D_5_uncultured archaeon
D_0_Archaea;D_1_Nanohaloarchaeota;D_2_uncultured haloarchaeon;D_3_uncultured haloarchaeon;D_4_uncultured haloarchaeon;D_5_uncultured haloarchaeor
D_0_Archaea;D_1_Nanohaloarchaeota;Other;Other;Other
D_0_Bacteria;D_1_Actinobacteria;D_2_Actinobacteria;D_3_Corynebacteriales;D_4_Nocardiaceae;D_5_Rhodococcus
D_0_Bacteria;D_1_Actinobacteria;D_2_Actinobacteria;D_3_Propionibacteriales;D_4_Propionibacteriaceae;D_5_Propionibacterium
D_0_Bacteria;D_1_Actinobacteria;D_2_Nitriliruptoria;D_3_Euzebyales;D_4_Euzebyaceae;D_5_Euzebya
 D_0_Bacteria;D_1_Bacteroidetes;D_2_Cytophagia;D_3_Order II;D_4_Rhodothermaceae;D_5_Salinibacter
D_0_Bacteria;D_1_Bacteroidetes;D_2_Sphingobacteriia;D_3_Sphingobacteriales;D_4_Chitinophagaceae;D_5_uncultured
 D_0_Bacteria;D_1_Cyanobacteria;D_2_Chloroplast;D_3_uncultured Chlorophyta;D_4_uncultured Chlorophyta;D_5_uncultured Chlorophyta
  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_5_Cyanothece
D_0_Bacteria;D_1_Cyanobacteria;D_2_Cyanobacteria;D_3_SubsectionII;D_4_FamilyII;D_5_Chroococcidiopsis
D_0_Bacteria;D_1_Cyanobacteria;D_2_Cyanobacteria;D_3_SubsectionII;D_4_uncultured;D_5_uncultured bacterium
D_0_Bacteria;D_1_Cyanobacteria;D_2_Cyanobacteria;D_3_SubsectionIII;D_4_FamilyI;D_5_uncultured
D_0_Bacteria;D_1_Cyanobacteria;D_2_Cyanobacteria;D_3_SubsectionIII;D_4_FamilyI;D_5_uncultured organism
D_0_Bacteria;D_1_Cyanobacteria;D_2_Cyanobacteria;D_3_SubsectionIII;D_4_FamilyI;Other
D_0_Bacteria;D_1_Cyanobacteria;D_2_Cyanobacteria;D_3_SubsectionIV;D_4_Familyl;D_5_Scytonema
 D_0_Bacteria;D_1_Cyanobacteria;D_2_Cyanobacteria;D_3_SubsectionIV;D_4_FamilyI;Other
D_0_Bacteria;D_1_Cyanobacteria;D_2_Cyanobacteria;D_3_uncultured;D_4_uncultured bacterium;D_5_uncultured bacterium
     D_0_Bacteria;D_1_Cyanobacteria;D_2_Cyanobacteria;D_3_uncultured;Other;Other
 D_0_Bacteria;D_1_Cyanobacteria;D_2_Cyanobacteria;D_3_uncultured bacterium;D_4_uncultured bacterium;D_5_uncultured bacterium
D_0_Bacteria;D_1_Planctomycetes;D_2_Phycisphaerae;D_3_Phycisphaerales;D_4_Phycisphaeraceae;D_5_uncultured
D_0_Bacteria;D_1_Proteobacteria;D_2_Alphaproteobacteria;D_3_Rhizobiales;D_4_Methylobacteriaceae;D_5_Methylobacterium
D_0_Bacteria;D_1_Proteobacteria;D_2_Alphaproteobacteria;D_3_Rhodospirillales;D_4_Acetobacteraceae;D_5_Belnapia
D_0_Bacteria;D_1_Proteobacteria;D_2_Alphaproteobacteria;D_3_Rhodospirillales;D_4_Rhodospirillaceae;D_5_Rhodovibrio
D_0_Bacteria;D_1_Proteobacteria;D_2_Alphaproteobacteria;D_3_Sphingomonadales;D_4_Sphingomonadaceae;D_5_Sphingobium
D_0_Bacteria;D_1_Proteobacteria;D_2_Alphaproteobacteria;D_3_Sphingomonadales;D_4_Sphingomonadaceae;D_5_Sphingomonas
D_0_Bacteria;D_1_Proteobacteria;D_2_Betaproteobacteria;D_3_Burkholderiales;D_4_Comamonadaceae;D_5_Delftia
 D_0_Bacteria;D_1_Proteobacteria;D_2_Deltaproteobacteria;D_3_Desulfuromonadales;D_4_GR-WP33-58;D_5_uncultured bacterium
 \begin{tabular}{ll} $D_0$ Bacteria; $D_1$ Proteobacteria; $D_2$ Gamma proteobacteria; $D_3$ Alteromonadales; $D_4$ Shewanellaceae; $D_5$ Shewanellaceae
D_0_Bacteria;D_1_Proteobacteria;D_2_Gammaproteobacteria;D_3_Chromatiales;D_4_Ectothiorhodospiraceae;D_5_Arhodomonas
 D_0_Bacteria;D_1_Proteobacteria;D_2_Gammaproteobacteria;D_3_Chromatiales;D_4_Ectothiorhodospiraceae;D_5_uncultured
D_0_Bacteria;D_1_Proteobacteria;D_2_Gammaproteobacteria;D_3_Enterobacteriales;D_4_Enterobacteriaceae;D_5_Tatumella
 D_0_Bacteria;D_1_Proteobacteria;D_2_Gammaproteobacteria;D_3_Oceanospirillales;D_4_Halomonadaceae;D_5_Halomonas
D_0_Bacteria;D_1_Proteobacteria;D_2_Gammaproteobacteria;D_3_Pseudomonadales;D_4_Pseudomonadaceae;D_5_Pseudomonas
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D_0_Bacteria;D_1_TM6;D_2_uncultured bacterium;D_3_uncultured bacterium;D_4_uncultured bacterium;D_5_uncultured bacterium

Unassigned;Other;Other;Other;Other

D_0_Archaea;D_1_Euryarchaeota;D_2_Halobacteria;D_3_Halobacteriales;D_4_Halobacteriaceae;D_5_Candidatus Halobonur