```
D_0_Archaea;D_1_Euryarchaeota;D_2_Halobacteria;D_3_Halobacteriales;D_4_Halobacteriaceae;D_5_Halapricum
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_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_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_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 haloarchaeon
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_Nocardia
D_0_Bacteria;D_1_Actinobacteria;D_2_Actinobacteria;D_3_Corynebacteriales;D_4_Nocardiaceae;D_5_Rhodococcus
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_Segetibacter
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_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_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;Other;Other;Other
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_Rhodospirillaceae;D_5_Rhodovibrio
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 Deltaproteobacteria;D 3 Desulfuromonadales;D 4 GR-WP33-58;D 5 uncultured bacterium
D 0 Bacteria;D 1 Proteobacteria;D 2 Gammaproteobacteria;D 3 Chromatiales;D 4 Ectothiorhodospiraceae;D 5 Arhodomonas
    \label{eq:decomposition} D_0\_Bacteria; D_1\_Proteobacteria; D_2\_Gamma proteobacteria; D_3\_Chromatiales; D_4\_Ectothiorhodospiraceae; D_5\_uncultured
D_0_Bacteria;D_1_Proteobacteria;D_2_Gammaproteobacteria;D_3_Oceanospirillales;D_4_Halomonadaceae;D_5_Halomonas
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D_0_Archaea;D_1_Euryarchaeota;D_2_Halobacteria;D_3_Halobacteriales;D_4_Halobacteriaceae;D_5_Candidatus Halobonum

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