```
Unassigned;Other;Other;Other;Other
k_Bacteria;Other;Other;Other;Other
 k Bacteria;p_Actinobacteria;c_Actinobacteria;o_Actinomycetales;f_Actinomycetaceae;g_Actinomyces
 k_Bacteria;p_Actinobacteria;c_Actinobacteria;o_Actinomycetales;f_Beutenbergiaceae;g_Salana
 k_Bacteria;p_Actinobacteria;c_Actinobacteria;o_Actinomycetales;f_Cellulomonadaceae;g_Cellulomonas
           k\_Bacteria; p\_Actinobacteria; c\_Actinobacteria; o\_Actinomycetales; f\_Corynebacteriaceae; g\_Corynebacterium
          k_Bacteria;p_Actinobacteria;c_Actinobacteria;o_Actinomycetales;f_Microbacteriaceae;g_Agromyces
 k_Bacteria;p_Actinobacteria;c_Actinobacteria;o_Actinomycetales;f_Microbacteriaceae;g_Curtobacterium
 k_Bacteria;p_Actinobacteria;c_Actinobacteria;o_Actinomycetales;f_Microbacteriaceae;g_Leucobacter
 k_Bacteria;p_Actinobacteria;c_Actinobacteria;o_Actinomycetales;f_Microbacteriaceae;g_Microbacterium
 k_Bacteria;p_Actinobacteria;c_Actinobacteria;o_Actinomycetales;f_Micrococcaceae;g_
          {\tt k\_Bacteria;p\_Actinobacteria;c\_Actinobacteria;o\_Actinomycetales;f\_Micrococcaceae;g\_Arthrobacteria;o\_Actinomycetales;f\_Micrococcaceae;g\_Arthrobacteria;o\_Actinomycetales;f\_Micrococcaceae;g\_Arthrobacteria;o\_Actinomycetales;f\_Micrococcaceae;g\_Arthrobacteria;o\_Actinomycetales;f\_Micrococcaceae;g\_Arthrobacteria;o\_Actinomycetales;f\_Micrococcaceae;g\_Arthrobacteria;o\_Actinomycetales;f\_Micrococcaceae;g\_Arthrobacteria;o\_Actinomycetales;f\_Micrococcaceae;g\_Arthrobacteria;o\_Actinomycetales;f\_Micrococcaceae;g\_Arthrobacteria;o\_Actinomycetales;f\_Micrococcaceae;g\_Arthrobacteria;o\_Actinomycetales;f\_Micrococcaceae;g\_Arthrobacteria;o\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_Actinomycetales;f\_
          k\_Bacteria; p\_Actinobacteria; c\_Actinobacteria; o\_Actinomycetales; f\_Micrococcaceae; g\_Rothia
 k_Bacteria;p_Actinobacteria;c_Actinobacteria;o_Actinomycetales;f_Mycobacteriaceae;g_Mycobacterium
          k\_Bacteria; p\_Actinobacteria; c\_Actinobacteria; o\_Actinomycetales; f\_Propionibacteriaceae; g\_Propionibacterium
 k_Bacteria;p_Actinobacteria;c_Actinobacteria;o_Actinomycetales;f_Streptomycetaceae;g_
 k_Bacteria;p_Actinobacteria;c_Actinobacteria;o_Actinomycetales;f_Streptomycetaceae;g_Streptomyces
           k_Bacteria;p_Armatimonadetes;c_[Fimbriimonadia];o_[Fimbriimonadales];f__;g__
 k_Bacteria;p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_;g_
 k_Bacteria;p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_Bacteroidaceae;g_5-7N15
 k_Bacteria;p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_Prevotellaceae;g_Prevotella
 k_Bacteria;p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_Rikenellaceae;g_
k_Bacteria;p_Bacteroidetes;c_Cytophagia;o_Cytophagales;f_Cytophagaceae;g_Hymenobacter
 k_Bacteria;p_Bacteroidetes;c_Flavobacteriia;o_Flavobacteriales;f_[Weeksellaceae];g_Chryseobacterium
 k_Bacteria;p_Bacteroidetes;c_Sphingobacteriia;o_Sphingobacteriales;f_Sphingobacteriaceae;g_
 k_Bacteria;p_Bacteroidetes;c_Sphingobacteriia;o_Sphingobacteriales;f_Sphingobacteriaceae;g_Sphingobacterium
 k_Bacteria;p_Bacteroidetes;c_[Saprospirae];o_[Saprospirales];f_Chitinophagaceae;g_
 k_Bacteria;p_Bacteroidetes;c_[Saprospirae];o_[Saprospirales];f_Chitinophagaceae;g_Sediminibacterium
 k_Bacteria;p_Chloroflexi;c_Thermomicrobia;o_JG30-KF-CM45;f__;g__
          k_Bacteria;p_Cyanobacteria;c_Chloroplast;o_Streptophyta;f_;g_
 k_Bacteria;p_Cyanobacteria;c_Nostocophycideae;o_Nostocales;f__;g__
          k\_Bacteria; p\_Firmicutes; c\_Bacilli; o\_Bacillales; Other; Other
 k_Bacteria;p_Firmicutes;c_Bacilli;o_Bacillales;f_;g_
 k_Bacteria;p_Firmicutes;c_Bacilli;o_Bacillales;f_Bacillaceae;Other
           k_Bacteria;p_Firmicutes;c_Bacilli;o_Bacillales;f_Bacillaceae;g_
          \label{lem:k_Bacillaceae} \verb|k_Bacteria|; p_Firmicutes|; c_Bacilli|; o_Bacillales|; f_Bacillaceae|; g_Anoxybacillus|
 k_Bacteria;p_Firmicutes;c_Bacilli;o_Bacillales;f_Bacillaceae;g_Bacillus
 k_Bacteria;p_Firmicutes;c_Bacilli;o_Bacillales;f_Bacillaceae;g_Oceanobacillus
 k_Bacteria;p_Firmicutes;c_Bacilli;o_Bacillales;f_Bacillaceae;g_Virgibacillus
k_Bacteria;p_Firmicutes;c_Bacilli;o_Bacillales;f_Paenibacillaceae;g_Brevibacillus
 k_Bacteria;p_Firmicutes;c_Bacilli;o_Bacillales;f_Paenibacillaceae;g_Paenibacillus
 k_Bacteria;p_Firmicutes;c_Bacilli;o_Bacillales;f_Planococcaceae;g_
 k_Bacteria;p_Firmicutes;c_Bacilli;o_Bacillales;f_Planococcaceae;g_Lysinibacillus
          k_Bacteria;p_Firmicutes;c_Bacilli;o_Bacillales;f_Planococcaceae;g_Rummeliibacillus
 k Bacteria;p__Firmicutes;c__Bacilli;o__Bacillales;f__Staphylococcaceae;g__Staphylococcus
 k_Bacteria;p_Firmicutes;c_Bacilli;o_Lactobacillales;Other;Other
           k_Bacteria;p_Firmicutes;c_Bacilli;o_Lactobacillales;f_;g_
 k_Bacteria;p_Firmicutes;c_Bacilli;o_Lactobacillales;f_Enterococcaceae;Other
 k_Bacteria;p_Firmicutes;c_Bacilli;o_Lactobacillales;f_Enterococcaceae;g_
            k Bacteria;p Firmicutes;c Bacilli;o Lactobacillales;f Enterococcaceae;g Enterococcu:
 k_Bacteria;p_Firmicutes;c_Bacilli;o_Lactobacillales;f_Enterococcaceae;g_Vagococcus
 k Bacteria;p Firmicutes;c Bacilli;o Lactobacillales;f Lactobacillaceae;Other
 k_Bacteria;p_Firmicutes;c_Bacilli;o_Lactobacillales;f_Lactobacillaceae;g_
 k_Bacteria;p_Firmicutes;c_Bacilli;o_Lactobacillales;f_Lactobacillaceae;g_Lactobacillus
 k_Bacteria;p_Firmicutes;c_Bacilli;o_Lactobacillales;f_Lactobacillaceae;g_Pediococcus
 k_Bacteria;p_Firmicutes;c_Bacilli;o_Lactobacillales;f_Leuconostocaceae;Other
k_Bacteria;p_Firmicutes;c_Bacilli;o_Lactobacillales;f_Leuconostocaceae;g_
 k Bacteria;p Firmicutes;c Bacilli;o Lactobacillales;f Leuconostocaceae;g Leuconostoc
 k_Bacteria;p_Firmicutes;c_Bacilli;o_Lactobacillales;f_Leuconostocaceae;g_Weissella
 k Bacteria;p Firmicutes;c Bacilli;o Lactobacillales;f Streptococcaceae;Other
         k_Bacteria;p_Firmicutes;c_Bacilli;o_Lactobacillales;f_Streptococcaceae;g_Lactococcus
 k_Bacteria;p_Firmicutes;c_Bacilli;o_Lactobacillales;f_Streptococcaceae;g_Streptococcus
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;Other;Other
           k Bacteria;p Firmicutes;c Clostridia;o Clostridiales;f ;g
          k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Clostridiaceae;Other
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Clostridiaceae;g_
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Clostridiaceae;g_Clostridium
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Lachnospiraceae;g_
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Lachnospiraceae;g_Epulopiscium
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Ruminococcaceae;g_
          \label{lem:k_Bacteria} $$k\_Bacteria; p\_Firmicutes; c\_Clostridia; o\_Clostridiales; f\_Ruminococcaceae; g\_Ruminococcus and the substitution of the 
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Veillonellaceae;g_Dialister
          k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_[Tissierellaceae];g_Finegoldia
 k Bacteria;p Fusobacteria;c Fusobacteriia;o Fusobacteriales;f Fusobacteriaceae;g Fusobacterium
 k_Bacteria;p_Fusobacteria;c_Fusobacteriia;o_Fusobacteriales;f_Leptotrichiaceae;g_Leptotrichia
           k_Bacteria;p_Gemmatimonadetes;c_Gemm-1;o__;f__;g__
  k_Bacteria;p_Planctomycetes;c_Planctomycetia;o_Planctomycetales;f_Planctomycetaceae;g_Planctomyces
k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;Other;Other
 k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Caulobacterales;f_Caulobacteraceae;g_
 k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Caulobacterales;f_Caulobacteraceae;g_Phenylobacterium
 k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Rhizobiales;Other;Other
 k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Rhizobiales;f_Beijerinckiaceae;g_Beijerinckia
 k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Rhizobiales;f_Bradyrhizobiaceae;Other
 k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Rhizobiales;f_Bradyrhizobiaceae;g_
 k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Rhizobiales;f_Bradyrhizobiaceae;g_Bosea
 k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Rhizobiales;f_Brucellaceae;g_Ochrobactrum
 k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Rhizobiales;f_Methylobacteriaceae;g_Methylobacterium
 k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Rhizobiales;f_Methylocystaceae;g_Methylopila
 k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Rhizobiales;f_Phyllobacteriaceae;Other
           k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Rhizobiales;f_Phyllobacteriaceae;g_
 k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Rhizobiales;f_Rhizobiaceae;g_Agrobacterium
 k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Rhodobacterales;f_Rhodobacteraceae;Other
           {\tt k\_Bacteria;p\_Proteobacteria;c\_Alphaproteobacteria;o\_Rhodobacterales;f\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacteraceae;g\_Rhodobacterace
           k\_Bacteria; p\_Proteobacteria; c\_Alphaproteobacteria; o\_Rhodobacterales; f\_Rhodobacteraceae; g\_Paracoccus and proteobacteria; b_Rhodobacteria; b_Rhodobacteria
 k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Rhodobacterales;f_Rhodobacteraceae;g_Rhodobacter
 k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Rhodospirillales;f_Acetobacteraceae;g_
 k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Rhodospirillales;f_Acetobacteraceae;g_Acetobacter
 k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Rhodospirillales;f_Acetobacteraceae;g_Gluconobacter
 k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Rhodospirillales;f_Rhodospirillaceae;g_
 k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Rickettsiales;f_mitochondria;Other
 k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Rickettsiales;f_mitochondria;g_Carludovica
          k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Sphingomonadales;f_Erythrobacteraceae;g_
 k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Sphingomonadales;f_Sphingomonadaceae;g_Novosphingobium
 k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Sphingomonadales;f_Sphingomonadaceae;g_Sphingobium
           \label{localization} k\_Bacteria; p\_Proteobacteria; c\_Alphaproteobacteria; o\_Sphingomonadales; f\_Sphingomonadaceae; g\_Sphingomonadales; f\_Sphingomonadalea; f\_Sphingo
 k_Bacteria;p_Proteobacteria;c_Betaproteobacteria;o_Burkholderiales;f_;g_
k_Bacteria;p_Proteobacteria;c_Betaproteobacteria;o_Burkholderiales;f_Alcaligenaceae;g_
k_Bacteria;p_Proteobacteria;c_Betaproteobacteria;o_Burkholderiales;f_Alcaligenaceae;g_Achromobacter
 k_Bacteria;p_Proteobacteria;c_Betaproteobacteria;o_Burkholderiales;f_Burkholderiaceae;g_Burkholderia
 k_Bacteria;p_Proteobacteria;c_Betaproteobacteria;o_Burkholderiales;f_Comamonadaceae;Other
 k_Bacteria;p_Proteobacteria;c_Betaproteobacteria;o_Burkholderiales;f_Comamonadaceae;g_
 k_Bacteria;p_Proteobacteria;c_Betaproteobacteria;o_Burkholderiales;f_Comamonadaceae;g_Comamonas
 k_Bacteria;p_Proteobacteria;c_Betaproteobacteria;o_Burkholderiales;f_Comamonadaceae;g_Paucibacter
 k_Bacteria;p_Proteobacteria;c_Betaproteobacteria;o_Burkholderiales;f_Oxalobacteraceae;Other
 k_Bacteria;p_Proteobacteria;c_Betaproteobacteria;o_Burkholderiales;f_Oxalobacteraceae;g_
 k_Bacteria;p_Proteobacteria;c_Betaproteobacteria;o_Burkholderiales;f_Oxalobacteraceae;g_Janthinobacterium
  k_Bacteria;p_Proteobacteria;c_Betaproteobacteria;o_Burkholderiales;f_Oxalobacteraceae;g_Ralstonia
 k_Bacteria;p_Proteobacteria;c_Deltaproteobacteria;o_Myxococcales;f_0319-6G20;g_
           k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;Other;Other;Other
 k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Enterobacteriales;f_Enterobacteriaceae;Other
 k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Enterobacteriales;f_Enterobacteriaceae;g_
           k\_Bacteria; p\_Proteobacteria; c\_Gamma proteobacteria; o\_Enterobacteriales; f\_Enterobacteriaceae; g\_Citrobacteriaceae; g\_Citrobacteria
           k\_Bacteria; p\_Proteobacteria; c\_Gammaproteobacteria; o\_Enterobacteriales; f\_Enterobacteriaceae; g\_Cronobacteria; o\_Enterobacteria; o\_Ent
 k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Enterobacteriales;f_Enterobacteriaceae;g_Dickeya
 k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Enterobacteriales;f_Enterobacteriaceae;g_Erwinia
 k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Enterobacteriales;f_Enterobacteriaceae;g_Ewingella
 k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Enterobacteriales;f_Enterobacteriaceae;g_Klebsiella
 k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Enterobacteriales;f_Enterobacteriaceae;g_Morganella
 k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Enterobacteriales;f_Enterobacteriaceae;g_Proteus
 k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Enterobacteriales;f_Enterobacteriaceae;g_Serratia
          k\_Bacteria; p\_Proteobacteria; c\_Gamma proteobacteria; o\_Enterobacteriales; f\_Enterobacteriaceae; g\_Trabul siella and the proteobacteria and the proteobacteria
 k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Enterobacteriales;f_Enterobacteriaceae;g_Xenorhabdus
 k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Oceanospirillales;f_Halomonadaceae;g_Candidatus Portiera
           k__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Pseudomonadales;f__Moraxellaceae;g__
k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Pseudomonadales;f_Moraxellaceae;g_Acinetobacter
k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Pseudomonadales;f_Moraxellaceae;g_Psychrobacter
k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Pseudomonadales;f_Pseudomonadaceae;g_Pseudomonas
k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Xanthomonadales;f_Xanthomonadaceae;Other
 k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Xanthomonadales;f_Xanthomonadaceae;g_
k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Xanthomonadales;f_Xanthomonadaceae;g_Ignatzschineria
k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Xanthomonadales;f_Xanthomonadaceae;g_Luteimonas
 k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Xanthomonadales;f_Xanthomonadaceae;g_Stenotrophomonas
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k\_Bacteria;p\_[Thermi];c\_Deinococci;o\_Deinococcales;f\_Deinococcaceae;g\_Deinococcus