```
k_Bacteria;p_Actinobacteria;c_Actinobacteria;o_Actinomycetales;Other;Other
 k_Bacteria;p_Actinobacteria;c_Actinobacteria;o_Actinomycetales;f_;g_
 k_Bacteria;p_Actinobacteria;c_Actinobacteria;o_Actinomycetales;f_Actinomycetaceae;Other
                      k_Bacteria;p_Actinobacteria;c_Actinobacteria;o_Actinomycetales;f_Actinomycetaceae;g_
                      k\_Bacteria; p\_Actinobacteria; c\_Actinobacteria; o\_Actinomycetales; f\_Actinomycetaceae; g\_Actinomyces
 k_Bacteria;p_Actinobacteria;c_Actinobacteria;o_Actinomycetales;f_Brevibacteriaceae;g_Brevibacterium
 k_Bacteria;p_Actinobacteria;c_Actinobacteria;o_Actinomycetales;f_Corynebacteriaceae;g_Corynebacterium
                      k\_Bacteria; p\_Actinobacteria; c\_Actinobacteria; o\_Actinomycetales; f\_Geodermatophilaceae; Other actinomycetales; f\_Geodermatophilaceae; f\_Geodermatophilaceae;
 k_Bacteria;p_Actinobacteria;c_Actinobacteria;o_Actinomycetales;f_Microbacteriaceae;g_Mycetocola
                    \label{lem:k_Bacteria} $$k\_Bacteria; p\_Actinobacteria; c\_Actinobacteria; o\_Actinomycetales; f\_Micrococcaceae; Other algorithms and the substitution of the substitut
                      k\_Bacteria; p\_Actinobacteria; c\_Actinobacteria; o\_Actinomycetales; f\_Micrococcaceae; g\_Kocuria
                    k \quad Bacteria; \\ p\_Actinobacteria; \\ c\_Actinobacteria; \\ o\_Actinomycetales; \\ f\_Micrococcaceae; \\ g\_Micrococcus
                      k\_Bacteria; p\_Actinobacteria; c\_Actinobacteria; o\_Actinomycetales; f\_Micrococcaceae; g\_Nesterenkonia
  k_Bacteria;p_Actinobacteria;c_Actinobacteria;o_Actinomycetales;f_Micrococcaceae;g_Rothia
 k_Bacteria;p_Actinobacteria;c_Actinobacteria;o_Actinomycetales;f_Propionibacteriaceae;g_
                      k\_Bacteria; p\_Actinobacteria; c\_Actinobacteria; o\_Actinomycetales; f\_Propionibacteriaceae; g\_Propionibacterium
 k_Bacteria;p_Actinobacteria;c_Actinobacteria;o_Bifidobacteriales;f_Bifidobacteriaceae;Other
                   {\tt k\_Bacteria;p\_Actinobacteria;c\_Actinobacteria;o\_Bifidobacteriales;f\_Bifidobacteriaceae;g\_Bifidobacterium}
                    \verb|k_Bacteria|; p_Actinobacteria|; c_Actinobacteria|; o_Bifidobacteriales|; f_Bifidobacteriaceae|; g_Scardovia|
                    \label{lem:k_Bacteria} \verb|k_Bacteria|; p_Actinobacteria|; c_Coriobacteria|; o_Coriobacteriales; f_Coriobacteriaceae; g_Dacteria|; o_Coriobacteria|; o_Corio
                      k\_Bacteria; p\_Actinobacteria; c\_Coriobacteriia; o\_Coriobacteriales; f\_Coriobacteriaceae; g\_Atopobium
k_Bacteria;p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_;g_
 k_Bacteria;p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_BS11;g_
k_Bacteria;p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_Bacteroidaceae;g_Bacteroides
                      k\_Bacteria; p\_Bacteroidetes; c\_Bacteroidia; o\_Bacteroidales; f\_Porphyromonadaceae; g\_Paludibacteroidales; f\_Porphyromonadaceae; f\_Porphyromonadaceae; f\_Porphyromonadaceae; f\_Porphyromonadaceae; f\_Porphyromonadaceae; f\_Porphyromonadaceae; f\_Porp
k_Bacteria;p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_Porphyromonadaceae;g_Porphyromonas
                    k_Bacteria;p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_Porphyromonadaceae;g_Tannerella
                      k\_Bacteria; p\_Bacteroidetes; c\_Bacteroidia; o\_Bacteroidales; f\_Prevotellaceae; g\_Prevotellaceae; g\_P
 k Bacteria;p Bacteroidetes;c Bacteroidia;o Bacteroidales;f [Paraprevotellaceae];g
                      k\_Bacteria; p\_Bacteroidetes; c\_Bacteroidia; o\_Bacteroidales; f\_[Paraprevotellaceae]; g\_[Prevotella]
 k_Bacteria;p_Bacteroidetes;c_Cytophagia;o_Cytophagales;f_Cytophagaceae;g_
 k_Bacteria;p_Bacteroidetes;c_Flavobacteriia;o_Flavobacteriales;Other;Other
                      k\_Bacteria; p\_Bacteroidetes; c\_Flavobacteriia; o\_Flavobacteriales; f\_Flavobacteriaceae; g\_Capnocytophaga
                      k\_Bacteria; p\_Bacteroidetes; c\_Flavobacteriia; o\_Flavobacteriales; f\_Flavobacteriaceae; g\_Myroides
k_Bacteria;p_Bacteroidetes;c_Flavobacteriia;o_Flavobacteriales;f_[Weeksellaceae];g_
 k_Bacteria;p_Bacteroidetes;c_Flavobacteriia;o_Flavobacteriales;f_[Weeksellaceae];g_Chryseobacterium
 k_Bacteria;p_Bacteroidetes;c_Flavobacteriia;o_Flavobacteriales;f_[Weeksellaceae];g_Wautersiella
k_Bacteria;p_Chlorobi;c_OPB56;o_;f_;g_
k_Bacteria;p_Chloroflexi;c_Anaerolineae;o_Anaerolineales;f_Anaerolinaceae;g_SHD-231
                   k Bacteria;p Cyanobacteria;c Chloroplast;o Streptophyta;f ;g
k_Bacteria;p_Firmicutes;c_Bacilli;Other;Other;Other
                      k_Bacteria;p_Firmicutes;c_Bacilli;o_Bacillales;Other;Other
 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_Staphylococcaceae;g_Salinicoccus
                    k_Bacteria;p_Firmicutes;c_Bacilli;o_Bacillales;f_[Exiguobacteraceae];g_Exiguobacterium
k_Bacteria;p_Firmicutes;c_Bacilli;o_Gemellales;f_Gemellaceae;g_
 k_Bacteria;p_Firmicutes;c_Bacilli;o_Gemellales;f_Gemellaceae;g_Gemella
                    k_Bacteria;p_Firmicutes;c_Bacilli;o_Lactobacillales;f_Aerococcaceae;Other
                      k Bacteria;p Firmicutes;c Bacilli;o Lactobacillales;f Aerococcaceae;g
                    k\_Bacteria; p\_Firmicutes; c\_Bacilli; o\_Lactobacillales; f\_Aerococcaceae; g\_Abiotrophia
 k Bacteria;p Firmicutes;c Bacilli;o Lactobacillales;f Carnobacteriaceae;g Granulicatella
                    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_Leuconostocaceae;Other
                      k_Bacteria;p_Firmicutes;c_Bacilli;o_Lactobacillales;f_Leuconostocaceae;g_
                      k\_Bacteria; p\_Firmicutes; c\_Bacilli; o\_Lactobacillales; f\_Leuconostocaceae; g\_Leuconostocaceae; g\_Leucon
                        k_Bacteria;p_Firmicutes;c_Bacilli;o_Lactobacillales;f_Leuconostocaceae;g_Weissella
                      k\_Bacteria; p\_Firmicutes; c\_Bacilli; o\_Lactobacillales; f\_Streptococcaceae; g\_Lactococcus
                    \label{lem:k_Bacteria}  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\_
                      {\tt k\_Bacteria;p\_Firmicutes;c\_Clostridia;o\_Clostridiales;f\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christensenellaceae;g\_Christ
 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\_Eubacteriaceae; g\_Pseudoramibacter\_Eubacterium
                      k\_Bacteria; p\_Firmicutes; c\_Clostridia; o\_Clostridiales; f\_Lachnospiraceae; Other and the control of the cont
                      \label{lem:k_Bacteria} $$k\_Bacteria; p\_Firmicutes; c\_Clostridia; o\_Clostridiales; f\_Lachnospiraceae; g\_Clostridiales; f\_Clostridiales; f\_Clo
                    k\_Bacteria; p\_Firmicutes; c\_Clostridia; o\_Clostridiales; f\_Lachnospiraceae; g\_Butyrivibrio
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Lachnospiraceae;g_Catonella
                      k\_Bacteria; p\_Firmicutes; c\_Clostridia; o\_Clostridiales; f\_Lachnospiraceae; g\_Moryella
  k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Lachnospiraceae;g_Oribacterium
  k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Lachnospiraceae;g_Shuttleworthia
                      k\_Bacteria; p\_Firmicutes; c\_Clostridia; o\_Clostridiales; f\_Lachnospiraceae; g\_[Ruminococcus]
                    k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Peptococcaceae;g_Peptococcus
                    k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Peptostreptococcaceae;g_
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Peptostreptococcaceae;g_Filifactor
                    {\tt k\_Bacteria;p\_Firmicutes;c\_Clostridia;o\_Clostridiales;f\_Peptostreptococcaeae;g\_Peptostreptococcus}
                      k\_Bacteria; p\_Firmicutes; c\_Clostridia; o\_Clostridiales; f\_Ruminococcaceae; g\_Oscillospira
                      k\_Bacteria; p\_Firmicutes; c\_Clostridia; o\_Clostridiales; f\_Ruminococcaceae; g\_Ruminococcus
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Veillonellaceae;g_
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Veillonellaceae;g_Acidaminococcus
                        \label{local-control} $k\_Bacteria; p\_Firmicutes; c\_Clostridia; o\_Clostridiales; f\_Veillonellaceae; g\_Megasphaera
                      k\_Bacteria; p\_Firmicutes; c\_Clostridia; o\_Clostridiales; f\_Veillonellaceae; g\_Schwartzia
                      k\_Bacteria; p\_Firmicutes; c\_Clostridia; o\_Clostridiales; f\_Veillonellaceae; g\_Selenomonas
k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Veillonellaceae;g_Succiniclasticum
                      k\_Bacteria; p\_Firmicutes; c\_Clostridia; o\_Clostridiales; f\_Veillonellaceae; g\_Veillonellaceae; g\_Veillonel
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_[Acidaminobacteraceae];g_Fusibacter
                    k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_[Mogibacteriaceae];g_
                      k\_Bacteria; p\_Firmicutes; c\_Clostridia; o\_Clostridiales; f\_[Mogibacteriaceae]; g\_Mogibacterium
                      k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_[Tissierellaceae];g_
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_[Tissierellaceae];g_Anaerococcus
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_[Tissierellaceae];g_Parvimonas
                    {\tt k\_Bacteria;p\_Firmicutes;c\_Clostridia;o\_Clostridiales;f\_[Tissierellaceae];g\_Peptoniphilus}
                      k_Bacteria;p_Firmicutes;c_Erysipelotrichi;o_Erysipelotrichales;f_Erysipelotrichaceae;g_Bulleidia
                      k\_Bacteria; p\_Firmicutes; c\_Erysipelotrichi; o\_Erysipelotrichales; f\_Erysipelotrichaceae; g\_Catenibacterium
  k_Bacteria;p_Firmicutes;c_Erysipelotrichi;o_Erysipelotrichales;f_Erysipelotrichaceae;g_Sharpea
                   {\tt k\_Bacteria}; {\tt p\_Firmicutes}; {\tt c\_Erysipelotrichi}; {\tt o\_Erysipelotrichales}; {\tt f\_Erysipelotrichaceae}; {\tt g\_[Eubacterium]}
                      k\_Bacteria; p\_Fusobacteria; c\_Fusobacteriia; o\_Fusobacteriales; f\_Fusobacteriaceae; g\_Fusobacterium
                    k_Bacteria;p_Fusobacteria;c_Fusobacteriia;o_Fusobacteriales;f_Leptotrichiaceae;g_
                    k Bacteria;p Fusobacteria;c Fusobacteriia;o Fusobacteriales;f Leptotrichiaceae;g Leptotrichia
                      k_Bacteria;p_GN02;c_BD1-5;o_;f_;g_
                      k\_Bacteria; p\_Proteobacteria; c\_Alphaproteobacteria; Other; Oth
 k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_;f_;g_
                    k\_Bacteria; p\_Proteobacteria; c\_Alphaproteobacteria; o\_Rhizobiales; Other; Other and a superior of the content of the conten
                      k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Rhizobiales;f_;g_
                      k\_Bacteria; p\_Proteobacteria; c\_Alphaproteobacteria; o\_Rhizobiales; f\_Rhizobiaceae; g\_Agrobacterium
k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Rhodobacterales;f_Rhodobacteraceae;g_
                    k\_Bacteria; p\_Proteobacteria; c\_Alphaproteobacteria; o\_Rhodobacterales; f\_Rhodobacteraceae; g\_Paracoccus
                      k\_Bacteria; p\_Proteobacteria; c\_Alphaproteobacteria; o\_Rhodobacterales; f\_Rhodobacteraceae; g\_Rhodobacterales; f\_Rhodobacteraceae; g\_Rhodobacterales; f\_Rhodobacterales; f\_Rhodobacter
                      k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Rickettsiales;f_;g_
                    k\_Bacteria; p\_Proteobacteria; c\_Alphaproteobacteria; o\_Sphingomonadales; f\_Sphingomonadaceae; g\_Novosphingobium for the properties of th
                    k\_Bacteria; p\_Proteobacteria; c\_Alphaproteobacteria; o\_Sphingomonadales; f\_Sphingomonadaceae; g\_Sphingobium
k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Sphingomonadales;f_Sphingomonadaceae;g_Sphingopyxis
                      k Bacteria;p Proteobacteria;c Betaproteobacteria;o Burkholderiales;f Alcaligenaceae;g Sutterella
                    k_Bacteria;p_Proteobacteria;c_Betaproteobacteria;o_Burkholderiales;f_Burkholderiaceae;g_Lautropia
                    k Bacteria;p Proteobacteria;c Betaproteobacteria;o Burkholderiales;f Comamonadaceae;g
                      {\tt k\_Bacteria;p\_Proteobacteria;c\_Betaproteobacteria;o\_Burkholderiales;f\_Comamonadaceae;g\_Comamonas}
                      k\_Bacteria; p\_Proteobacteria; c\_Betaproteobacteria; o\_Burkholderiales; f\_Comamonadaceae; g\_Hydrogenophagaalle factorial for the common of th
  k_Bacteria;p_Proteobacteria;c_Betaproteobacteria;o_Burkholderiales;f_Comamonadaceae;g_Methylibium
 k_Bacteria;p_Proteobacteria;c_Betaproteobacteria;o_Burkholderiales;f_Oxalobacteraceae;Other
 k_Bacteria;p_Proteobacteria;c_Betaproteobacteria;o_Burkholderiales;f_Oxalobacteraceae;g_Ralstonia
                    \label{lem:k_Bacteria} $$k\_Bacteria; p\_Proteobacteria; c\_Betaproteobacteria; o\_Neisseriales; f\_Neisseriaceae; Other $$k\_Bacteria; p\_Proteobacteria; p\_Prot
                    k_Bacteria;p_Proteobacteria;c_Betaproteobacteria;o_Neisseriales;f_Neisseriaceae;g_
 k_Bacteria;p_Proteobacteria;c_Betaproteobacteria;o_Neisseriales;f_Neisseriaceae;g_Eikenella
 k_Bacteria;p_Proteobacteria;c_Betaproteobacteria;o_Neisseriales;f_Neisseriaceae;g_Kingella
                      k\_Bacteria; p\_Proteobacteria; c\_Betaproteobacteria; o\_Neisseriales; f\_Neisseriaceae; g\_Neisseriaent for the proteobacteria and the prot
  k_Bacteria;p_Proteobacteria;c_Betaproteobacteria;o_Rhodocyclales;f_Rhodocyclaceae;g_Azospira
 k_Bacteria;p_Proteobacteria;c_Betaproteobacteria;o_Rhodocyclales;f_Rhodocyclaceae;g_Propionivibrio
                      k\_Bacteria; p\_Proteobacteria; c\_Deltaproteobacteria; o\_Desulfobacterales; f\_Desulfobulbaceae; g\_Desulfobulbus
  k_Bacteria;p_Proteobacteria;c_Deltaproteobacteria;o_Desulfovibrionales;f_Desulfomicrobiaceae;g_Desulfomicrobium
                    {\tt k\_Bacteria;p\_Proteobacteria;c\_Deltaproteobacteria;o\_Desulfovibrionales;f\_Desulfovibrionaceae;g\_Bilophilacteria;o\_Desulfovibrionales;f\_Desulfovibrionaceae;g\_Bilophilacteria;o\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;f\_Desulfovibrionales;
k_Bacteria;p_Proteobacteria;c_Deltaproteobacteria;o_Desulfovibrionales;f_Desulfovibrionaceae;g_Desulfovibrio
 k_Bacteria;p_Proteobacteria;c_Epsilonproteobacteria;o_Campylobacterales;f_Campylobacteraceae;g_Campylobacter
                    \verb|k_Bacteria|; p_Proteobacteria|; c_Epsilon proteobacteria|; o_Campylobacterales|; f_Helicobacteraceae|; Other all of the proteobacteria|; o_Campylobacteria|; o_Cam
                      k\_Bacteria; p\_Proteobacteria; c\_Epsilon proteobacteria; o\_Campylobacterales; f\_Helicobacteraceae; g\_Helicobacteraceae; d\_Helicobacteraceae; d\_Helicobacter
 k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Aeromonadales;f_Aeromonadaceae;Other
 k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Cardiobacteriales;f_Cardiobacteriaceae;g_Cardiobacterium
                      {\tt k\_Bacteria; p\_Proteobacteria; c\_Gamma proteobacteria; o\_Enterobacteriales; f\_Enterobacteriaceae; g\_Enterobacteria; b_Enterobacteria; 
                      k\_Bacteria; p\_Proteobacteria; c\_Gamma proteobacteria; o\_Enterobacteriales; f\_Enterobacteria ceae; g\_Providencia
                      k\_Bacteria; p\_Proteobacteria; c\_Gamma proteobacteria; o\_Pasteure llales; f\_Pasteure llaceae; Other proteobacteria; o\_Pasteure llales; f\_Pasteure llaceae; Other proteobacteria; o\_Pasteure llales; f\_Pasteure llaceae; Other proteobacteria; o\_Pasteure llaceae; o
                      k\_Bacteria; p\_Proteobacteria; c\_Gamma proteobacteria; o\_Pasteurellales; f\_Pasteurellaceae; g\_Actinobacillus
 k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Pasteurellales;f_Pasteurellaceae;g_Aggregatibacter
                      k\_Bacteria; p\_Proteobacteria; c\_Gamma proteobacteria; o\_Pasteurellales; f\_Pasteurellaceae; g\_Haemophilus
                   k\_Bacteria; p\_Proteobacteria; c\_Gamma proteobacteria; o\_Pseudomonadales; Other; Othe
                    k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Pseudomonadales;f_Moraxellaceae;g_
                      k\_Bacteria; p\_Proteobacteria; c\_Gamma proteobacteria; o\_Pseudomonadales; f\_Moraxellaceae; g\_Acinetobacteria; o\_Pseudomonadales; f\_Acinetobacteria; o\_Pseudomonadales; f\_Acinetobacteria; o\_Acinetobacteria; o\_Acinet
                      k\_Bacteria; p\_Proteobacteria; c\_Gamma proteobacteria; o\_Pseudomonadales; f\_Moraxellaceae; g\_Enhydrobacteria; o\_Pseudomonadaleae; g\_E
 k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Pseudomonadales;f_Moraxellaceae;g_Moraxella
k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Pseudomonadales;f_Pseudomonadaceae;g_
 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\_Gamma proteobacteria; o\_Xanthomonadales; f\_Xanthomonadaceae; g\_Stenotrophomonas
 k_Bacteria;p_SR1;c_;o_;f_;g_
 k_Bacteria;p_Spirochaetes;Other;Other;Other
                    \verb|k_Bacteria|; p_Spirochaetes|; c_Spirochaetes|; o_Sphaerochaetales|; f_Sphaerochaetaceae|; g_Sphaerochaetales|; f_Sphaerochaetaceae|; g_Sphaerochaetales|; f_Sphaerochaetaceae|; g_Sphaerochaetales|; f_Sphaerochaetaceae|; g_Sphaerochaetales|; f_Sphaerochaetales|; f_Sphaerochaetaceae|; g_Sphaerochaetales|; f_Sphaerochaetales|; f_Sphaerochaetal
  k_Bacteria;p_Spirochaetes;c_Spirochaetes;o_Spirochaetales;f_Spirochaetaceae;g_Treponema
 k_Bacteria;p_Synergistetes;c_Synergistia;o_Synergistales;f_Dethiosulfovibrionaceae;g_Pyramidobacter
                      k\_Bacteria; p\_Synergistetes; c\_Synergistia; o\_Synergistales; f\_Dethiosulfovibrionaceae; g\_TG5
  k_Bacteria;p_Synergistetes;c_Synergistia;o_Synergistales;f_Synergistaceae;g_
    k_Bacteria;p_Synergistetes;c_Synergistia;o_Synergistales;f_Synergistaceae;g_Candidatus Tammella
 k_Bacteria;p_TM7;c_TM7-3;o_;f_;g_
 k_Bacteria;p_TM7;c_TM7-3;o_CW040;f_;g_
 k_Bacteria;p_TM7;c_TM7-3;o_CW040;f_F16;g_
                    k__Bacteria;p__TM7;c__TM7-3;o__I025;f__Rs-045;g__
k_Bacteria;p_Tenericutes;c_Mollicutes;o_Acholeplasmatales;f_Acholeplasmataceae;g_Acholeplasma
k_Bacteria;p_Tenericutes;c_Mollicutes;o_Mycoplasmatales;f_Mycoplasmataceae;g_Mycoplasma
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k_Bacteria;p_Tenericutes;c_Mollicutes;o_Mycoplasmatales;f_Mycoplasmataceae;g_Ureaplasma

k_Bacteria;p_Tenericutes;c_Mollicutes;o_RF39;f_;g_ k_Bacteria;p_Tenericutes;c_RF3;o_ML615J-28;f_;g_

Unassigned;Other;Other;Other;Otherk_Bacteria;Other;Other;Other;Other;Other