```
k_Archaea;p_Euryarchaeota;c_Methanobacteria;o_Methanobacteriales;f_Methanobacteriaceae;g_Methanobrevibacter
k Archaea;p Euryarchaeota;c Methanobacteria;o Methanobacteriales;f Methanobacteriaceae;g Methanosphaera
k_Archaea;p_Euryarchaeota;c_Thermoplasmata;o_E2;f_[Methanomassiliicoccaceae];g_Methanomassiliicoccus
 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\_Actinomycetaceae; g\_Varibaculum
           k\_Bacteria; p\_Actinobacteria; c\_Actinobacteria; o\_Actinomycetales; f\_Corynebacteriaceae; g\_Corynebacterium
k_Bacteria;p_Actinobacteria;c_Actinobacteria;o_Actinomycetales;f_Micrococcaceae;g_Rothia
k_Bacteria;p_Actinobacteria;c_Actinobacteria;o_Bifidobacteriales;f_Bifidobacteriaceae;g_
 k_Bacteria;p_Actinobacteria;c_Actinobacteria;o_Bifidobacteriales;f_Bifidobacteriaceae;g_Alloscardovia
k_Bacteria;p_Actinobacteria;c_Actinobacteria;o_Bifidobacteriales;f_Bifidobacteriaceae;g_Bifidobacterium
k_Bacteria;p_Actinobacteria;c_Actinobacteria;o_Bifidobacteriales;f_Bifidobacteriaceae;g_Gardnerella
          k\_Bacteria; p\_Actinobacteria; c\_Actinobacteria; o\_Bifidobacteriales; f\_Bifidobacteriaceae; g\_Scardovia
k_Bacteria;p_Actinobacteria;c_Coriobacteriia;o_Coriobacteriales;f_Coriobacteriaceae;g_
           k\_Bacteria; p\_Actinobacteria; c\_Coriobacteriia; o\_Coriobacteriales; f\_Coriobacteriaceae; g\_Adlercreutziaeque for a coriobacteria for a coriobact
k_Bacteria;p_Actinobacteria;c_Coriobacteriia;o_Coriobacteriales;f_Coriobacteriaceae;g_Atopobium
 k_Bacteria;p_Actinobacteria;c_Coriobacteriia;o_Coriobacteriales;f_Coriobacteriaceae;g_Collinsella
           k_Bacteria;p_Actinobacteria;c_Coriobacteriia;o_Coriobacteriales;f_Coriobacteriaceae;g_Slackia
k_Bacteria;p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_;g_
k_Bacteria;p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_Bacteroidaceae;g_Bacteroides
k_Bacteria;p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_Porphyromonadaceae;g_Dysgonomonas
 k_Bacteria;p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_Porphyromonadaceae;g_Parabacteroides
k_Bacteria;p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_Porphyromonadaceae;g_Porphyromonas
k_Bacteria;p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_Prevotellaceae;g_
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_Bacteroidia;o_Bacteroidales;f_Rikenellaceae;g_Alistipes
k_Bacteria;p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_S24-7;g_
 k_Bacteria;p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_[Barnesiellaceae];g_
k_Bacteria;p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_[Odoribacteraceae];g_Butyricimonas
          k_Bacteria;p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_[Paraprevotellaceae];g_
k_Bacteria;p_Bacteroidetes;c_Bacteroidia;o_Bacteroidales;f_[Paraprevotellaceae];g_Paraprevotella
          k\_Bacteria; p\_Bacteroidetes; c\_Bacteroidia; o\_Bacteroidales; f\_[Paraprevotellaceae]; g\_[Prevotella]
          k_Bacteria;p_Cyanobacteria;c_4C0d-2;o_YS2;f_;g_
k_Bacteria;p_Cyanobacteria;c_Chloroplast;o_Streptophyta;f_;g_
 k Bacteria;p Firmicutes;c Bacilli;o Bacillales;f Bacillaceae;g Bacillus
k_Bacteria;p_Firmicutes;c_Bacilli;o_Bacillales;f_Planococcaceae;g_
k_Bacteria;p_Firmicutes;c_Bacilli;o_Bacillales;f_Staphylococcaceae;g_Salinicoccus
k_Bacteria;p_Firmicutes;c_Bacilli;o_Bacillales;f_Staphylococcaceae;g_Staphylococcus
 k_Bacteria;p_Firmicutes;c_Bacilli;o_Gemellales;f_;g_
k_Bacteria;p_Firmicutes;c_Bacilli;o_Gemellales;f_Gemellaceae;g_
          k_Bacteria;p_Firmicutes;c_Bacilli;o_Lactobacillales;f_;g_
 k_Bacteria;p_Firmicutes;c_Bacilli;o_Lactobacillales;f_Aerococcaceae;g_
k Bacteria;p Firmicutes;c Bacilli;o Lactobacillales;f Carnobacteriaceae;g Granulicatella
           k_Bacteria;p_Firmicutes;c_Bacilli;o_Lactobacillales;f_Enterococcaceae;g_
 k_Bacteria;p_Firmicutes;c_Bacilli;o_Lactobacillales;f_Enterococcaceae;g_Enterococcus
k_Bacteria;p_Firmicutes;c_Bacilli;o_Lactobacillales;f_Enterococcaceae;g_Melissococcus
k_Bacteria;p_Firmicutes;c_Bacilli;o_Lactobacillales;f_Enterococcaceae;g_Vagococcus
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;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;g_
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_Bacilli;o_Turicibacterales;f_Turicibacteraceae;g_Turicibacter
          k_Bacteria;p_Firmicutes;c_Clostridia;o__;f__;g__
k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_;g_
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Christensenellaceae;g_
           k\_Bacteria; p\_Firmicutes; c\_Clostridia; o\_Clostridiales; f\_Christensen ellaceae; g\_Christensen ellac
          k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Clostridiaceae;g_
k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Clostridiaceae;g_02d06
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Clostridiaceae;g_Clostridium
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Clostridiaceae;g_SMB53
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Clostridiaceae;g_Sarcina
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Dehalobacteriaceae;g_Dehalobacterium
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Eubacteriaceae;g_Anaerofustis
k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Eubacteriaceae;g_Pseudoramibacter_Eubacterium
           \label{lem:k_Bacteria} $$k\_Bacteria; p\_Firmicutes; c\_Clostridia; o\_Clostridiales; f\_Lachnospiraceae; g\_Clostridiales; f\_Clostridiales; f\_Clo
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Lachnospiraceae;g_Anaerostipes
k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Lachnospiraceae;g_Blautia
           \verb|k_Bacteria|; \verb|p_Firmicutes|; \verb|c_Clostridia|; \verb|o_Clostridiales|; \verb|f_Lachnospiraceae|; \verb|g_Clostridium||
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Lachnospiraceae;g_Coprococcus
k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Lachnospiraceae;g_Dorea
k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Lachnospiraceae;g_Epulopiscium
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Lachnospiraceae;g_Lachnobacterium
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Lachnospiraceae;g_Lachnospira
          k\_Bacteria; p\_Firmicutes; c\_Clostridia; o\_Clostridiales; f\_Lachnospiraceae; g\_Moryella
k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Lachnospiraceae;g_Oribacterium
k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Lachnospiraceae;g_Roseburia
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Lachnospiraceae;g_Ruminococcus
k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Lachnospiraceae;g_[Ruminococcus]
k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Peptococcaceae;g_
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Peptococcaceae;g_Peptococcus
k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Peptococcaceae;g_rc4-4
           k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Peptostreptococcaceae;g_
k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Peptostreptococcaceae;g_Clostridium
k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Peptostreptococcaceae;g_Peptostreptococcus
           \label{lem:k_Bacteria} $$k\_Bacteria;p\_Firmicutes;c\_Clostridia;o\_Clostridiales;f\_Peptostreptococcaceae;g\_[Clostridium]
           \label{lem:k_Bacteria} $$k\_Bacteria; p\_Firmicutes; c\_Clostridia; o\_Clostridiales; f\_Ruminococcaceae; g\_Clostridiales; f\_Ruminococcaceae; g\_Ruminococcaceae; g\_Ruminococcaceae; g\_Ruminococcaceae; g\_Ruminococcaceae; g\_Ruminococcaceae; g\_Ruminococc
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Ruminococcaceae;g_Anaerotruncus
k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Ruminococcaceae;g_Butyricicoccus
k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Ruminococcaceae;g_Clostridium
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Ruminococcaceae;g_Faecalibacterium
          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
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Veillonellaceae;g_Dialister
k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Veillonellaceae;g_Megamonas
           k\_Bacteria; p\_Firmicutes; c\_Clostridia; o\_Clostridiales; f\_Veillonellaceae; g\_Megasphaera
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Veillonellaceae;g_Mitsuokella
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_Veillonellaceae;g_Phascolarctobacterium
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_Veillonella
 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_1-68
k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_[Tissierellaceae];g_Anaerococcus
k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_[Tissierellaceae];g_Finegoldia
k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_[Tissierellaceae];g_Parvimonas
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_[Tissierellaceae];g_Peptoniphilus
k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_[Tissierellaceae];g_WAL_1855D
 k_Bacteria;p_Firmicutes;c_Clostridia;o_Clostridiales;f_[Tissierellaceae];g_ph2
k_Bacteria;p_Firmicutes;c_Clostridia;o_SHA-98;f_;g_
k Bacteria;p Firmicutes;c Erysipelotrichi;o Erysipelotrichales;f Erysipelotrichaceae;g
           \verb|k_Bacteria|; p_Firmicutes|; c_Erysipelotrichi|; o_Erysipelotrichales|; f_Erysipelotrichaceae|; g_Allobaculum|
          k_Bacteria;p_Firmicutes;c_Erysipelotrichi;o_Erysipelotrichales;f_Erysipelotrichaceae;g_Catenibacterium
k_Bacteria;p_Firmicutes;c_Erysipelotrichi;o_Erysipelotrichales;f_Erysipelotrichaceae;g_Clostridium
k_Bacteria;p_Firmicutes;c_Erysipelotrichi;o_Erysipelotrichales;f_Erysipelotrichaceae;g_Coprobacillus
k_Bacteria;p_Firmicutes;c_Erysipelotrichi;o_Erysipelotrichales;f_Erysipelotrichaceae;g_Holdemania
 k_Bacteria;p_Firmicutes;c_Erysipelotrichi;o_Erysipelotrichales;f_Erysipelotrichaceae;g_RFN20
k_Bacteria;p_Firmicutes;c_Erysipelotrichi;o_Erysipelotrichales;f_Erysipelotrichaceae;g_[Eubacterium]
k_Bacteria;p_Firmicutes;c_Erysipelotrichi;o_Erysipelotrichales;f_Erysipelotrichaceae;g_cc_115
          {\tt k\_Bacteria;p\_Fusobacteria;c\_Fusobacteriia;o\_Fusobacteriales;f\_Fusobacteriaceae;g\_Cetobacterium}
 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\_Fusobacteria; c\_Fusobacteriia; o\_Fusobacteriales; f\_Leptotrichiaceae; g\_Sneathia
 k_Bacteria;p_Lentisphaerae;c_[Lentisphaeria];o_Victivallales;f_Victivallaceae;g_
 k_Bacteria;p_Lentisphaerae;c_[Lentisphaeria];o_Victivallales;f_Victivallaceae;g_Victivallis
 k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_RF32;f_;g_
k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Rhizobiales;f_Bradyrhizobiaceae;g_Bradyrhizobium
k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Rickettsiales;f_mitochondria;g_Lupinus
 k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Rickettsiales;f_mitochondria;g_Nelumbo
k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Rickettsiales;f_mitochondria;g_Oenothera
k_Bacteria;p_Proteobacteria;c_Alphaproteobacteria;o_Rickettsiales;f_mitochondria;g_Zea
 k_Bacteria;p_Proteobacteria;c_Betaproteobacteria;o_;f_;g_
 k_Bacteria;p_Proteobacteria;c_Betaproteobacteria;o_Burkholderiales;f_;g_
          \verb|k_Bacteria|; p_Proteobacteria|; c_Betaproteobacteria|; o_Burkholderiales|; f_Alcaligenaceae|; g_Sutterella|
 k_Bacteria;p_Proteobacteria;c_Betaproteobacteria;o_Burkholderiales;f_Comamonadaceae;g_
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_Oxalobacter
k_Bacteria;p_Proteobacteria;c_Betaproteobacteria;o_Neisseriales;f_Neisseriaceae;g_Eikenella
           k_Bacteria;p_Proteobacteria;c_Betaproteobacteria;o_Neisseriales;f_Neisseriaceae;g_Neisseria
 k_Bacteria;p_Proteobacteria;c_Betaproteobacteria;o_Rhodocyclales;f_Rhodocyclaceae;g_
k_Bacteria;p_Proteobacteria;c_Deltaproteobacteria;o_Desulfovibrionales;f_Desulfovibrionaceae;g_
k_Bacteria;p_Proteobacteria;c_Deltaproteobacteria;o_Desulfovibrionales;f_Desulfovibrionaceae;g_Bilophila
k_Bacteria;p_Proteobacteria;c_Deltaproteobacteria;o_Desulfovibrionales;f_Desulfovibrionaceae;g_Desulfovibrio
           \verb|k_Bacteria|; p_Proteobacteria|; c_Epsilon proteobacteria|; o_Campylobacterales|; f_Campylobacteraceae|; g_Campylobacterales|; f_Campylobacterales|; f_
          \verb|k_Bacteria|; p_Proteobacteria|; c_Gamma proteobacteria|; o_Alteromonadales|; f_Shewanellaceae|; g_Gamma proteobacteria|; o_Alteromonadales|; f_Shewanellaceae|; f_Shew
k Bacteria;p Proteobacteria;c Gammaproteobacteria;o Alteromonadales;f Shewanellaceae;g Shewanella
          {\tt k\_Bacteria;p\_Proteobacteria;c\_Gammaproteobacteria;o\_Enterobacteriales;f\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriace
 k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Enterobacteriales;f_Enterobacteriaceae;g_Citrobacter
k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Enterobacteriales;f_Enterobacteriaceae;g_Cronobacter
           {\color{red}k\_Bacteria;p\_Proteobacteria;c\_Gamma proteobacteria;o\_Enterobacteriales;f\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacteriaceae;g\_Enterobacte
 k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Enterobacteriales;f_Enterobacteriaceae;g_Erwinia
 k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Enterobacteriales;f_Enterobacteriaceae;g_Escherichia
     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_Pantoea
 k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Enterobacteriales;f_Enterobacteriaceae;g_Proteus
 k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Enterobacteriales;f_Enterobacteriaceae;g_Raoultella
k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Enterobacteriales;f_Enterobacteriaceae;g_Salmonella
 k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Enterobacteriales;f_Enterobacteriaceae;g_Serratia
k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Enterobacteriales;f_Enterobacteriaceae;g_Shigella
          k\_Bacteria; p\_Proteobacteria; c\_Gamma proteobacteria; o\_Enterobacteriales; f\_Enterobacteriaceae; g\_Trabul siella proteobacteria; b\_Enterobacteria; b\_Enter
          {\tt k\_Bacteria; p\_Proteobacteria; c\_Gamma proteobacteria; o\_Enterobacteria les; f\_Enterobacteria cae; g\_Xenorhabdus}
k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Oceanospirillales;f_Halomonadaceae;g_
          k\_Bacteria; p\_Proteobacteria; c\_Gamma proteobacteria; o\_Oceanos pirillales; f\_Halomonadaceae; g\_Halomonas proteobacteria; b\_Halomonadaceae; b\_Halomonadace
 k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Pasteurellales;f_Pasteurellaceae;g_
k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;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\_Pasteure llales; f\_Pasteure llaceae; g\_Haemophilus
k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Pseudomonadales;f_Moraxellaceae;g_Acinetobacter
k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Pseudomonadales;f_Moraxellaceae;g_Enhydrobacter
k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Pseudomonadales;f_Pseudomonadaceae;g_Pseudomonas
 k_Bacteria;p_Proteobacteria;c_Gammaproteobacteria;o_Xanthomonadales;f_Xanthomonadaceae;g_Stenotrophomonas
 k_Bacteria;p_Synergistetes;c_Synergistia;o_Synergistales;f_Dethiosulfovibrionaceae;g_Pyramidobacter
         {\tt k\_Bacteria;p\_Tenericutes;c\_Mollicutes;o\_Anaeroplasmatales;f\_Anaeroplasmataceae;g\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_Anaeroplasmatales;f\_
k_Bacteria;p_Tenericutes;c_Mollicutes;o_RF39;f_;g_
          k_Bacteria;p_Tenericutes;c_RF3;o_ML615J-28;f__;g_
```

k\_Bacteria;p\_Verrucomicrobia;c\_Verrucomicrobiae;o\_Verrucomicrobiales;f\_Verrucomicrobiaceae;g\_Akkermansia