

Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacterales; Enterobacteriaceae; Klebsiella Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacterales; Pasteurellaceae; Actinobacillus Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales; Halomonas Bacteria; Proteobacteria; Alphaproteobacteria; Holosporales; Holosporaceae; ? eria; Proteobacteria; Gammaproteobacteria; Burkholderiales; Rhodocy claceae; Zoogloea oteobacteria; Gammaproteobacteria; Pseudomonadales; Halomonadaceae; Halomonas Bacteria; Synergistota; Synergistia; Synergistales; Synergistaceae; Cloacibacillus ria; Firmicutes; Negativicutes; Veillonellales-Selenomonadales; Veillonellaceae; Dialister roteobacteria; Alphaproteobacteria; Rhizobiales; Hyphomicrobiaceae; Hyphomicrobium Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales; Rhizobiaceae; Phyllobacterium acteria; Alphaproteobacteria; Sphingomonadales; Sphingomonadales sphi Bacteria; Proteobacteria; Gammaproteobacteria; Burkholderiales; Comamonadaceae; Diaphorobacter Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacterales; Aeromonadaceae; Aeromonas Bacteria; Proteobacteria; Gammaproteobacteria; Burkholderiales; Burkholderiaceae; ? Bacteria; Proteobacteria; Gammaproteobacteria; Burkholderiales; Neisseriaceae; Neisseria Bacteria; Fusobacteriota; Fusobacteriia; Fusobacteriales; Leptotrichiaceae; Leptotrichi Bacteria; Patescibacteria; Parcubacteria; Candidatus Kaiserbacteria; ?; Bacteria; Proteobacteria; Alphaproteobacteria; ? Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales; Comamonadaceae; C Bacte Bacte Bacteria;P Bacteria; Proteobac

0.8

0.7

0.6

0.5

0.4

0.3

0.1

Bacteria; Firmicutes; Bacilli; Erysipelotrichales; Erysipelotrichaceae; Holdemanella Bacteria; Firmicutes; Bacilli; Izemoplasmatales; uncultured organism; Pacteria; Firmicutes; Bacilli; Lactobacillales; Carnobacteriaceae; Carnobacterium ia; Actinobacteriota; Coriobacteriia; Coriobacteriales; Eggerthellaceae; Senegalimassilia Bacteria; Bacteroidetes; Bacteroidia; Bacteroidales; Bacteroides acteria;Vicinamibacterales;Vicinamibacteraceae;uncultured Acidobacteria bacterium Bacteria, Actinobacteriota, Actinobacteria, Bifidobacteriales, Bifidobacteriaceae, ? Bacteria, Actinobacteriota, Coriobacteriia, Coriobacteriales, Atopobiaceae, Libanicoccus Bacteria; Bacteroidota; Bacteroidota; Bacteroidia; Bacteroidales; Barnesiellaceae; Coprobacter Bacteria; Bacteroidota; Bacteroidia; Bac Bacteria;Bacteroidota;Bacteroidia;Bacteroidales;Rikenellaceae;Rikenellaceae RC9 gut group Bacteria;Bacteroidota;Bacteroidota;Bacteroidia;Flavobacteriales;Weeksellaceae;? Bacteria; Cyanobacteria; Vampirivibrionia; Gastranaerophilales; gut metagenome; ? sulfobacterota; Desulfovibrionia; Desulfovibrionales; Desulfovibrionia; Desulfovibrionales; Desulfovibrionaceae; Desulfovibrionia; Desulfovibrionales; Desulfovibrionaceae; Desulfovibrionia; Desulfovibrionaceae; Desulfovibrionia; Desulfovibrionaceae; Desulfovibrionia; Desu Bacteria; Firmicutes; Clostridia; Clostridia vadin BB60 group; ?;? Bacteria; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium Bacteria; Firmicutes; Clostridia; Clostridiales; Rumino coccaceae; Rumino coccus Bacteria; Firmicutes; Clostridia; Lachnospirales; Lachnospiraceae; Blautia Bacteria; Firmicutes; Clostridia; Lachnospirales; Lachnospiraceae; Frisingicoccus Archaea;Crenarchaeota;Nitrososphaeria;Nitrosopumilales;Nitrosopumilaceae;? Bacteria; Actinobacteriota; Actinobacteria; ?; ?; ? Bacteria; Actinobacteriota; Coriobacteriia; Coriobacteriales; Eggerthellaceae; ? Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Lactiplantibacillus Bacteria; Firmicutes; Bacilli; Lactobacillales; Lactobacillaceae; Ligilactobacillus Bacteria; Firmicutes; Bacilli; Lactobacillales; Listeriaceae; Listeria Bacteria; Firmicutes; Bacilli; Staphylococcales; Gemellaceae; Gemella Bacteria; Firmicutes; Clostridia; Christensenellales; Christensenellaceae; Christensenellaceae R-7 group Bacteria; Firmicutes; Clostridia; Clostridiales; Lachnospiraceae; Coprococcus Bacteria; Firmicutes; Clostridia; Lachnospirales; Lachnospiraceae; Lachnospiraceae UCG-001 Bacteria; Firmicutes; Clostridia; Lachnospirales; Lachnospiraceae; Oribacterium Bacteria; Firmicutes; Bacilli; Erysipelotrichales; ?; ? Bacteria; Firmicutes; Clostridia; Lachnospirales; Lachnospiraceae; Lachnoclostridium Bacteria; Actinobacteriota; Actinobacteria; Micrococcales;?; Bacteria; Chloroflexi; SHA-26;?;?; Bacteria; Actinobacteriota; Actinobacteria; Micromonosporales; Micromonosporaceae Bacteria; Bacteroidota; Bacteroidia; Bacteroidales; Prevotellaceae; Prevotella_ Bacteria; Firmicutes; Bacilli; Erysipelotrichales; Erysipelotrichaceae a;Actinobacteriota;Actinobacteria;Corynebacteriales;Corynebacteriaceae;Lawsonel Bacteria, Actinobacteriota, Actinobacteria, Streptomy cetales; ? Bacteria; Firmicutes; Clostridia; Lachnospirales; ? Bacteria; Chloroflexi, AD3; uncultured Chloroflexi bacterium;? Bacteria; Bacteroidota; Bacteroidia;? ia; Firmicutes; Clostridia; Lachnospirales; Lachnospiraceae; [Eubacterium]; Firmicutes; Clostridia; Lachnospirales; Lachnospiraceae; [Ruminococcus] Bacteria, Acidobacteriota, Acidobacteriae, Solibacterales, Bacteri Bacteria Bacteria; Acidobacteriota; Vicinamib Bacteri Bacter Bacteria;De