

**d** Archaea.p:Euryarchaeota;c:Methanobacteria;o:Methanobacteriales;f:Methanobacteriaceae;g:Methanobrevibacter  
**d** Archaea.p:Euryarchaeota;c:Methanobacteria;o:Methanobacteriales;f:Methanobacteriaceae;g:Methanosphaera  
**d** Bacteria.p:Other;Other;Other;Other  
**d** Bacteria.p:Actinobacteria;Other;Other;Other  
**d** Bacteria.p:Actinobacteria;c:Actinobacteria;o:Actinomycetales;Other;Other  
**d** Bacteria.p:Actinobacteria;c:Actinobacteria;o:Actinomycetales;f:Actinomycetaceae;g:Actinomycetes  
**d** Bacteria.p:Actinobacteria;c:Actinobacteria;o:Actinomycetales;f:Actinomycetaceae;g:Actinotignum  
**d** Bacteria.p:Actinobacteria;c:Actinobacteria;o:Actinomycetales;f:Actinomycetaceae;g:Mobiluncus  
**d** Bacteria.p:Actinobacteria;c:Actinobacteria;o:Actinomycetales;f:Actinomycetaceae;g:Variibaculum  
**d** Bacteria.p:Actinobacteria;c:Actinobacteria;o:Actinomycetales;f:Corynebacteriaceae;g:Corynebacterium  
**d** Bacteria.p:Actinobacteria;c:Actinobacteria;o:Actinomycetales;f:Geodermatophilaceae;g:Geodermatophilus  
**d** Bacteria.p:Actinobacteria;c:Actinobacteria;o:Actinomycetales;f:Microbacteriaceae;g:Other  
**d** Bacteria.p:Actinobacteria;c:Actinobacteria;o:Actinomycetales;f:Microbacteriaceae;g:Agromyces  
**d** Bacteria.p:Actinobacteria;c:Actinobacteria;o:Actinomycetales;f:Micrococcaceae;g:Rothia  
**d** Bacteria.p:Actinobacteria;c:Actinobacteria;o:Bifidobacteriales;f:Bifidobacteriaceae;g:Alloscardovia  
**d** Bacteria.p:Actinobacteria;c:Actinobacteria;o:Bifidobacteriales;f:Bifidobacteriaceae;g:Bifidobacterium  
**d** Bacteria.p:Actinobacteria;c:Actinobacteria;o:Bifidobacteriales;f:Bifidobacteriaceae;g:Gardnerella  
**d** Bacteria.p:Actinobacteria;c:Actinobacteria;o:Bifidobacteriales;f:Bifidobacteriaceae;g:Parascardovia  
**d** Bacteria.p:Actinobacteria;c:Actinobacteria;o:Bifidobacteriales;f:Bifidobacteriaceae;g:Scardovia  
**d** Bacteria.p:Actinobacteria;c:Actinobacteria;o:Coriobacteriales;f:Coriobacteriaceae;g:Other  
**d** Bacteria.p:Actinobacteria;c:Actinobacteria;o:Coriobacteriales;f:Coriobacteriaceae;g:Adlercreutzia  
**d** Bacteria.p:Actinobacteria;c:Actinobacteria;o:Coriobacteriales;f:Coriobacteriaceae;g:Atopobium  
**d** Bacteria.p:Actinobacteria;c:Actinobacteria;o:Coriobacteriales;f:Coriobacteriaceae;g:Collinsella  
**d** Bacteria.p:Actinobacteria;c:Actinobacteria;o:Coriobacteriales;f:Coriobacteriaceae;g:Eggerthella  
**d** Bacteria.p:Actinobacteria;c:Actinobacteria;o:Coriobacteriales;f:Coriobacteriaceae;g:Enterorhabdus  
**d** Bacteria.p:Actinobacteria;c:Actinobacteria;o:Coriobacteriales;f:Coriobacteriaceae;g:Gordonibacter  
**d** Bacteria.p:Actinobacteria;c:Actinobacteria;o:Coriobacteriales;f:Coriobacteriaceae;g:Olsenella  
**d** Bacteria.p:Actinobacteria;c:Actinobacteria;o:Coriobacteriales;f:Coriobacteriaceae;g:Senegalimassilia  
**d** Bacteria.p:Actinobacteria;c:Actinobacteria;o:Coriobacteriales;f:Coriobacteriaceae;g:Slackia  
**d** Bacteria.p:Bacteroidetes;Other;Other;Other;Other  
**d** Bacteria.p:Bacteroidetes;c:Bacteroidia;o:Bacteroidales;Other;Other  
**d** Bacteria.p:Bacteroidetes;c:Bacteroidia;o:Bacteroidales;f:Bacteroidaceae;g:Bacteroides  
**d** Bacteria.p:Bacteroidetes;c:Bacteroidia;o:Bacteroidales;f:Porphyromonadaceae;g:Other  
**d** Bacteria.p:Bacteroidetes;c:Bacteroidia;o:Bacteroidales;f:Porphyromonadaceae;g:Barnesiella  
**d** Bacteria.p:Bacteroidetes;c:Bacteroidia;o:Bacteroidales;f:Porphyromonadaceae;g:Butyrivibrio  
**d** Bacteria.p:Bacteroidetes;c:Bacteroidia;o:Bacteroidales;f:Porphyromonadaceae;g:Coproacter  
**d** Bacteria.p:Bacteroidetes;c:Bacteroidia;o:Bacteroidales;f:Porphyromonadaceae;g:Odoribacter  
**d** Bacteria.p:Bacteroidetes;c:Bacteroidia;o:Bacteroidales;f:Porphyromonadaceae;g:Parabacteroides  
**d** Bacteria.p:Bacteroidetes;c:Bacteroidia;o:Bacteroidales;f:Porphyromonadaceae;g:Porphyromonas  
**d** Bacteria.p:Bacteroidetes;c:Bacteroidia;o:Bacteroidales;f:Porphyromonadaceae;g:Tannerella  
**d** Bacteria.p:Bacteroidetes;c:Bacteroidia;o:Bacteroidales;f:Prevotellaceae;Other  
**d** Bacteria.p:Bacteroidetes;c:Bacteroidia;o:Bacteroidales;f:Prevotellaceae;g:Alloprevotella  
**d** Bacteria.p:Bacteroidetes;c:Bacteroidia;o:Bacteroidales;f:Prevotellaceae;g:Paraprevotella  
**d** Bacteria.p:Bacteroidetes;c:Bacteroidia;o:Bacteroidales;f:Prevotellaceae;g:Prevotella  
**d** Bacteria.p:Bacteroidetes;c:Bacteroidia;o:Bacteroidales;f:Rikenellaceae;g:Alistipes  
**d** Bacteria.p:Bacteroidetes;c:Cytophagia;o:Cytophagales;f:Cytophagaceae;Other  
**d** Bacteria.p:Bacteroidetes;c:Flavobacteria;o:Flavobacteriales;f:Flavobacteriaceae;g:Other  
**d** Bacteria.p:Bacteroidetes;c:Flavobacteria;o:Flavobacteriales;f:Flavobacteriaceae;g:Capnocytophaga  
**d** Bacteria.p:Bacteroidetes;c:Flavobacteria;o:Flavobacteriales;f:Flavobacteriaceae;g:Civicibacterium  
**d** Bacteria.p:Bacteroidetes;c:Flavobacteria;o:Flavobacteriales;f:Flavobacteriaceae;g:Cviuoraptor  
**d** Bacteria.p:Bacteroidetes;c:Sphingobacteriia;o:Sphingobacteriales;f:Chitinophagaceae;g:Hydrothalea  
**d** Bacteria.p:Bacteroidetes;c:Sphingobacteriia;o:Sphingobacteriales;f:Sphingobacteriaceae;g:Pedobacter  
**d** Bacteria.p:Cyanobacteria;Chloroplast;c:Chloroplast;f:Chloroplast;g:Streptophyta;Other  
**d** Bacteria.p:Firmicutes;Other;Other;Other;Other  
**d** Bacteria.p:Firmicutes;c: Bacilli;o: Bacillales;f: Bacillaceae\_1;Other  
**d** Bacteria.p:Firmicutes;c: Bacilli;o: Bacillales;f: Bacillaceae\_1;g: Bacillus  
**d** Bacteria.p:Firmicutes;c: Bacilli;o: Bacillales;f: Bacillaceae\_1;g: Geobacillus  
**d** Bacteria.p:Firmicutes;c: Bacilli;o: Bacillales;f: Bacillales\_Incertae\_Sedis\_Xi;g: Gemella  
**d** Bacteria.p:Firmicutes;c: Bacilli;o: Bacillales;f: Paenibacillaceae\_1;g: Paenibacillus  
**d** Bacteria.p:Firmicutes;c: Bacilli;o: Bacillales;f: Staphylococcaceae;Other  
**d** Bacteria.p:Firmicutes;c: Bacilli;o: Bacillales;f: Staphylococcaceae;g: Staphylococcus  
**d** Bacteria.p:Firmicutes;c: Bacilli;o: Lactobacillales;Other;Other  
**d** Bacteria.p:Firmicutes;c: Bacilli;o: Lactobacillales;f: Aerococcaceae;g: Abiotrophia  
**d** Bacteria.p:Firmicutes;c: Bacilli;o: Lactobacillales;f: Aerococcaceae;g: Aerococcus  
**d** Bacteria.p:Firmicutes;c: Bacilli;o: Lactobacillales;f: Aerococcaceae;g: Facklamia  
**d** Bacteria.p:Firmicutes;c: Bacilli;o: Lactobacillales;f: Aerococcaceae;g: Globicatella  
**d** Bacteria.p:Firmicutes;c: Bacilli;o: Lactobacillales;f: Carnobacteriaceae;g: Atopisipes  
**d** Bacteria.p:Firmicutes;c: Bacilli;o: Lactobacillales;f: Enterococcaceae;g: Enterococcus  
**d** Bacteria.p:Firmicutes;c: Bacilli;o: Lactobacillales;f: Lactobacillaceae;g: Lactobacillus  
**d** Bacteria.p:Firmicutes;c: Bacilli;o: Lactobacillales;f: Leuconostocaceae;g: Leuconostoc  
**d** Bacteria.p:Firmicutes;c: Bacilli;o: Lactobacillales;f: Leuconostocaceae;g: Weissella  
**d** Bacteria.p:Firmicutes;c: Bacilli;o: Lactobacillales;f: Streptococcaceae;g: Lactococcus  
**d** Bacteria.p:Firmicutes;c: Bacilli;o: Lactobacillales;f: Streptococcaceae;g: Streptococcus  
**d** Bacteria.p:Firmicutes;c: Clostridia;Other;Other;Other  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;Other;Other  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Catabacteriaceae;g: Catabacter  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Christensenellaceae;g: Christensenella  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Clostridiaceae\_1;Other  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Clostridiaceae\_1;g: Clostridium\_sensu\_stricto  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Clostridiales\_Incertae\_Sedis\_Xi;Other  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Clostridiales\_Incertae\_Sedis\_Xii;g: Anaerococcus  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Clostridiales\_Incertae\_Sedis\_Xii;g: Ezaakiella  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Clostridiales\_Incertae\_Sedis\_Xii;g: Finegoldia  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Clostridiales\_Incertae\_Sedis\_Xii;g: Gallitella  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Clostridiales\_Incertae\_Sedis\_Xii;g: Murdochella  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Clostridiales\_Incertae\_Sedis\_Xii;g: Parvimonas  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Clostridiales\_Incertae\_Sedis\_Xiii;g: Anaerorax  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Clostridiales\_Incertae\_Sedis\_Xiii;g: Mogibacterium  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Eubacteriaceae;g: Anaerofustis  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Eubacteriaceae;g: Eubacterium  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Lachnospiraceae;Other  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Lachnospiraceae;g: Anaerospirorbacter  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Lachnospiraceae;g: Anaerostipes  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Lachnospiraceae;g: Blautia  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Lachnospiraceae;g: Butyrivibrio  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Lachnospiraceae;g: Catonella  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Lachnospiraceae;g: Clostridium\_XiVa  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Lachnospiraceae;g: Clostridium\_XIVb  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Lachnospiraceae;g: Coprococcus  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Lachnospiraceae;g: Dorea  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Lachnospiraceae;g: Eisenbergella  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Lachnospiraceae;g: Fusicateribacter  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Lachnospiraceae;g: Howardella  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Lachnospiraceae;g: Hungateella  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Lachnospiraceae;g: Lachnaerobaculum  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Lachnospiraceae;g: Lachnospiraceae\_Incertae\_sedis  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Lachnospiraceae;g: Lactonifactor  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Lachnospiraceae;g: Marvinbryantia  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Lachnospiraceae;g: Moraxella  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Lachnospiraceae;g: Murimonas  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Lachnospiraceae;g: Oribacterium  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Lachnospiraceae;g: Robinsonella  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Lachnospiraceae;g: Roseburia  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Lachnospiraceae;g: Ruminococcus2  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Lachnospiraceae;g: Stomatobaculum  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Peptococcaceae\_1;g: Peptococcus  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Peptoniphilaceae;g: Peptoniphilus  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Peptostreptococcaceae;g: Clostridium\_XI  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Peptostreptococcaceae;g: Peptostreptococcus  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Peptostreptococcaceae;g: Romboutsia  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Peptostreptococcaceae;g: Terrisporibacter  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Ruminococcaceae;Other  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Ruminococcaceae;g: Acetanaerobacterium  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Ruminococcaceae;g: Anaerofrum  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Ruminococcaceae;g: Anaerotruncus  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Ruminococcaceae;g: Butyrivibrio  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Ruminococcaceae;g: Clostridium\_III  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Ruminococcaceae;g: Clostridium\_IV  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Ruminococcaceae;g: Faecalibacterium  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Ruminococcaceae;g: Fastidiosipila  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Ruminococcaceae;g: Flavivibrifactor  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Ruminococcaceae;g: Gemminger  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Ruminococcaceae;g: Hydrogenanaerobacterium  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Ruminococcaceae;g: Intestinimonas  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Ruminococcaceae;g: Oscillibacter  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Ruminococcaceae;g: Papillibacter  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Ruminococcaceae;g: Pseudoflavifactor  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Ruminococcaceae;g: Ruminococcus  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Ruminococcaceae;g: Saccharofermentans  
**d** Bacteria.p:Firmicutes;c: Clostridia;o: Clostridiales;f: Syntrophomonadaceae;g: Syntrophomonas  
**d** Bacteria.p:Firmicutes;c: Erysipelotrichia;o: Erysipelotrichales;f: Erysipelotrichaceae;Other  
**d** Bacteria.p:Firmicutes;c: Erysipelotrichia;o: Erysipelotrichales;f: Erysipelotrichaceae;g: Allobaculum  
**d** Bacteria.p:Firmicutes;c: Erysipelotrichia;o: Erysipelotrichales;f: Erysipelotrichaceae;g: Bulleidia  
**d** Bacteria.p:Firmicutes;c: Erysipelotrichia;o: Erysipelotrichales;f: Erysipelotrichaceae;g: Clostridium\_XVIII  
**d** Bacteria.p:Firmicutes;c: Erysipelotrichia;o: Erysipelotrichales;f: Erysipelotrichaceae;g: Coprobacillus  
**d** Bacteria.p:Firmicutes;c: Erysipelotrichia;o: Erysipelotrichales;f: Erysipelotrichaceae;g: Eggerthia  
**d** Bacteria.p:Firmicutes;c: Erysipelotrichia;o: Erysipelotrichales;f: Erysipelotrichaceae;g: Erysipelotrich  
**d** Bacteria.p:Firmicutes;c: Erysipelotrichia;o: Erysipelotrichales;f: Erysipelotrichaceae;g: Erysipelotrichaceae\_Incertae\_sedis  
**d** Bacteria.p:Firmicutes;c: Erysipelotrichia;o: Erysipelotrichales;f: Erysipelotrichaceae;g: Faecalibacterium  
**d** Bacteria.p:Firmicutes;c: Erysipelotrichia;o: Erysipelotrichales;f: Erysipelotrichaceae;g: Faecalitalea  
**d** Bacteria.p:Firmicutes;c: Erysipelotrichia;o: Erysipelotrichales;f: Erysipelotrichaceae;g: Holdemanella  
**d** Bacteria.p:Firmicutes;c: Erysipelotrichia;o: Erysipelotrichales;f: Erysipelotrichaceae;g: Holdemanella  
**d** Bacteria.p:Firmicutes;c: Erysipelotrichia;o: Erysipelotrichales;f: Erysipelotrichaceae;g: Solobacterium  
**d** Bacteria.p:Firmicutes;c: Erysipelotrichia;o: Erysipelotrichales;f: Erysipelotrichaceae;g: Turicibacter  
**d** Bacteria.p:Firmicutes;c: Negativicutes;o: Selenomonadales;f: Acidaminococcaceae;Other  
**d** Bacteria.p:Firmicutes;c: Negativicutes;o: Selenomonadales;f: Acidaminococcaceae;g: Acidaminococcus  
**d** Bacteria.p:Firmicutes;c: Negativicutes;o: Selenomonadales;f: Acidaminococcaceae;g: Sphaerolobobacterium  
**d** Bacteria.p:Firmicutes;c: Negativicutes;o: Selenomonadales;f: Acidaminococcaceae;g: Succinilactium  
**d** Bacteria.p:Firmicutes;c: Negativicutes;o: Selenomonadales;f: Veillonellaceae;Other  
**d** Bacteria.p:Firmicutes;c: Negativicutes;o: Selenomonadales;f: Veillonellaceae;g: Allisonella  
**d** Bacteria.p:Firmicutes;c: Negativicutes;o: Selenomonadales;f: Veillonellaceae;g: Anaeroglobus  
**d** Bacteria.p:Firmicutes;c: Negativicutes;o: Selenomonadales;f: Veillonellaceae;g: Dialister  
**d** Bacteria.p:Firmicutes;c: Negativicutes;o: Selenomonadales;f: Veillonellaceae;g: Megamonas  
**d** Bacteria.p:Firmicutes;c: Negativicutes;o: Selenomonadales;f: Veillonellaceae;g: Megaspheara  
**d** Bacteria.p:Firmicutes;c: Negativicutes;o: Selenomonadales;f: Veillonellaceae;g: Mitakella  
**d** Bacteria.p:Firmicutes;c: Negativicutes;o: Selenomonadales;f: Veillonellaceae;g: Selenomonas  
**d** Bacteria.p:Firmicutes;c: Negativicutes;o: Selenomonadales;f: Veillonellaceae;g: Veillonella  
**d** Bacteria.p:Fusobacteria;c: Fusobacteria;o: Fusobacteriales;f: Fusobacteriaceae;Other  
**d** Bacteria.p:Fusobacteria;c: Fusobacteria;o: Fusobacteriales;f: Fusobacteriaceae;g: Fusobacterium  
**d** Bacteria.p:Fusobacteria;c: Fusobacteria;o: Fusobacteriales;f: Leptotrichiaceae;Other  
**d** Bacteria.p:Fusobacteria;c: Fusobacteria;o: Fusobacteriales;f: Leptotrichiaceae;g: Leptotrichia  
**d** Bacteria.p:Fusobacteria;c: Fusobacteria;o: Fusobacteriales;f: Leptotrichiaceae;g: Sneathia  
**d** Bacteria.p:Gemmatimonadetes;c: Gemmatimonadetes;o: Gemmatimonadales;f: Gemmatimonadaceae;g: Gemmatimonas  
**d** Bacteria.p:Leptisphaerae;c: Leptisphaera;o: Victivallales;f: Victivallaceae;g: Victivallis  
**d** Bacteria.p:Parcubacteria;Other;Other;Other;Other  
**d** Bacteria.p:Proteobacteria;Other;Other;Other;Other  
**d** Bacteria.p:Proteobacteria;c: Alphaproteobacteria;Other;Other;Other  
**d** Bacteria.p:Proteobacteria;c: Alphaproteobacteria;o: Caulobacteriales;f: Caulobacteraceae;g: Brevundimonas  
**d** Bacteria.p:Proteobacteria;c: Alphaproteobacteria;o: Rhizobiales;f: Hyphomicrobiaceae;g: Hyphomicrobium  
**d** Bacteria.p:Proteobacteria;c: Alphaproteobacteria;o: Rhizobiales;f: Methylobacteriaceae;g: Methylobacterium  
**d** Bacteria.p:Proteobacteria;c: Alphaproteobacteria;o: Rhizobiales;f: Phyllobacteriaceae;g: Phyllobacterium  
**d** Bacteria.p:Proteobacteria;c: Alphaproteobacteria;o: Rhodobacterales;f: Rhodobacteraceae;g: Paracoccus  
**d** Bacteria.p:Proteobacteria;c: Alphaproteobacteria;o: Rhodospirillales;f: Rhodospirillaceae;Other  
**d** Bacteria.p:Proteobacteria;c: Alphaproteobacteria;o: Sphingomonadales;f: Sphingomonadaceae;g: Novosphingobium  
**d** Bacteria.p:Proteobacteria;c: Alphaproteobacteria;o: Sphingomonadales;f: Sphingomonadaceae;g: Sphingobium  
**d** Bacteria.p:Proteobacteria;c: Alphaproteobacteria;o: Sphingomonadales;f: Sphingomonadaceae;g: Sphingomonas  
**d** Bacteria.p:Proteobacteria;c: Betaproteobacteria;Other;Other;Other  
**d** Bacteria.p:Proteobacteria;c: Betaproteobacteria;o: Burkholderiales;Other;Other  
**d** Bacteria.p:Proteobacteria;c: Betaproteobacteria;o: Burkholderiales;f: Burkholderiaceae;g: Lautropia  
**d** Bacteria.p:Proteobacteria;c: Betaproteobacteria;o: Burkholderiales;f: Burkholderiaceae;g: Ralstonia  
**d** Bacteria.p:Proteobacteria;c: Betaproteobacteria;o: Burkholderiales;f: Burkholderiales\_Incertae\_sedis;g: Tepidimonas  
**d** Bacteria.p:Proteobacteria;c: Betaproteobacteria;o: Burkholderiales;f: Comamonadaceae;Other  
**d** Bacteria.p:Proteobacteria;c: Betaproteobacteria;o: Burkholderiales;f: Comamonadaceae;g: Comamonas  
**d** Bacteria.p:Proteobacteria;c: Betaproteobacteria;o: Burkholderiales;f: Comamonadaceae;g: Schlegiella  
**d** Bacteria.p:Proteobacteria;c: Betaproteobacteria;o: Burkholderiales;f: Oxalobacteriaceae;Other  
**d** Bacteria.p:Proteobacteria;c: Betaproteobacteria;o: Burkholderiales;f: Oxalobacteriaceae;g: Herbaspirillum  
**d** Bacteria.p:Proteobacteria;c: Betaproteobacteria;o: Burkholderiales;f: Oxalobacteriaceae;g: Massilia  
**d** Bacteria.p:Proteobacteria;c: Betaproteobacteria;o: Burkholderiales;f: Oxalobacteriaceae;g: Oxalobacter  
**d** Bacteria.p:Proteobacteria;c: Betaproteobacteria;o: Burkholderiales;f: Sutterellaceae;g: Parasutterella  
**d** Bacteria.p:Proteobacteria;c: Betaproteobacteria;o: Burkholderiales;f: Sutterellaceae;g: Sutterella  
**d** Bacteria.p:Proteobacteria;c: Betaproteobacteria;o: Burkholderiales;f: Sutterellaceae;g: Sutterella  
**d** Bacteria.p:Proteobacteria;c: Betaproteobacteria;o: Hydrogenophiles;f: Hydrogenophilaceae;g: Hydrogenophilus  
**d** Bacteria.p:Proteobacteria;c: Betaproteobacteria;o: Methylophilales;f: Methylophilaceae;g: Methylobacillus  
**d** Bacteria.p:Proteobacteria;c: Betaproteobacteria;o: Neisseriales;f: Neisseriaceae;Other  
**d** Bacteria.p:Proteobacteria;c: Betaproteobacteria;o: Neisseriales;f: Neisseriaceae;g: Moraxoccus  
**d** Bacteria.p:Proteobacteria;c: Betaproteobacteria;o: Neisseriales;f: Neisseriaceae;g: Neisseria  
**d** Bacteria.p:Proteobacteria;c: Deltaproteobacteria;o: Desulfuovibrionales;f: Desulfuovibrionaceae;g: Bilophia  
**d** Bacteria.p:Proteobacteria;c: Deltaproteobacteria;o: Desulfuovibrionales;f: Desulfuovibrionaceae;g: Desulfuovibrio  
**d** Bacteria.p:Proteobacteria;c: Deltaproteobacteria;o: Desulfuovibrionales;f: Geobacteraceae;g: Geobacter  
**d** Bacteria.p:Proteobacteria;c: Epsilonproteobacteria;o: Campylobacteriales;f: Campylobacteraceae;g: Arcobacter  
**d** Bacteria.p:Proteobacteria;c: Epsilonproteobacteria;o: Campylobacteriales;f: Campylobacteraceae;g: Campylobacter  
**d** Bacteria.p:Proteobacteria;c: Gammaproteobacteria;Other;Other;Other  
**d** Bacteria.p:Proteobacteria;c: Gammaproteobacteria;o: Aeromonadales;f: Succinivibrionaceae;g: Succinivibrio  
**d** Bacteria.p:Proteobacteria;c: Gammaproteobacteria;o: Alteromonadales;f: Shewanellaceae;g: Shewanella  
**d** Bacteria.p:Proteobacteria;c: Gammaproteobacteria;o: Cardiobacteriales;f: Cardiobacteriaceae;g: Cardiobacterium  
**d** Bacteria.p:Proteobacteria;c: Gammaproteobacteria;o: Chromatiales;f: Ectothiorhodospiraceae;Other  
**d** Bacteria.p:Proteobacteria;c: Gammaproteobacteria;o: Enterobacteriales;f: Enterobacteriaceae;Other  
**d** Bacteria.p:Proteobacteria;c: Gammaproteobacteria;o: Enterobacteriales;f: Enterobacteriaceae;g: Morganella  
**d** Bacteria.p:Proteobacteria;c: Gammaproteobacteria;o: Enterobacteriales;f: Enterobacteriaceae;g: Salmonella  
**d** Bacteria.p:Proteobacteria;c: Gammaproteobacteria;o: Oceanospirillales;f: Halomonadaceae;g: Halomonas  
**d** Bacteria.p:Proteobacteria;c: Gammaproteobacteria;o: Pasteurellales;f: Pasteurellaceae;g: Other  
**d** Bacteria.p:Proteobacteria;c: Gammaproteobacteria;o: Pasteurellales;f: Pasteurellaceae;g: Haemophilus  
**d** Bacteria.p:Proteobacteria;c: Gammaproteobacteria;o: Pseudomonadales;f: Moraxellaceae;g: Acinetobacter  
**d** Bacteria.p:Proteobacteria;c: Gammaproteobacteria;o: Pseudomonadales;f: Pseudomonadaceae;g: Pseudomonas  
**d** Bacteria.p:Proteobacteria;c: Gammaproteobacteria;o: Pseudomonadales;f: Pseudomonadaceae;g: Thiospseudomonas  
**d** Bacteria.p:Proteobacteria;c: Gammaproteobacteria;o: Xanthomonadales;f: Xanthomonadaceae;g: Rhodospirillum  
**d** Bacteria.p:Proteobacteria;c: Gammaproteobacteria;o: Xanthomonadales;f: Xanthomonadaceae;g: Silanimonas  
**d** Bacteria.p:Proteobacteria;c: Gammaproteobacteria;o: Xanthomonadales;f: Xanthomonadaceae;g: Xanthomonas  
**d** Bacteria.p:Spirichaeates;c: Spirochaetia;o: Spirochaetales;f: Spirochaetaceae;g: Treponema  
**d** Bacteria.p:Synergistetes;c: Synergistia;o: Synergistales;f: Synergistaceae;g: Clostricillus  
**d** Bacteria.p:Synergistetes;c: Synergistia;o: Synergistales;f: Synergistaceae;g: Pyramidobacter  
**d** Bacteria.p:Tenericutes;c: Mollicutes;Other;Other;Other  
**d** Bacteria.p:Tenericutes;c: Mollicutes;o: Mycoplasmales;f: Mycoplasmataceae;g: Ureaplasma  
**d** Bacteria.p:Verrucomicrobia;c: Opitutae;Other;Other;Other  
**d** Bacteria.p:Verrucomicrobia;c: Opitutae;o: Punicicoecales;f: Punicicoecaceae;g: Cerasicoccus  
**d** Bacteria.p:Verrucomicrobia;c: Verrucomicrobiae;o: Verrucomicrobiales;f: Verrucomicrobiaceae;g: Akkermansia