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k_Bacteria;p_Actinobacteria;g_Adlercreutzia
k_Bacteria;p_Actinobacteria;g_Asaccharobacter
k__Bacteria;p__Actinobacteria;g__Bifidobacterium
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 $k_Archaea; p_Euryarchaeota; g_Methanobrevibacter$ k__Bacteria;p__Actinobacteria;g__Actinomyces

k_Bacteria;p_Actinobacteria;g_Collinsella

 $k_Bacteria; p_Actinobacteria; g_Cryptobacterium$ ■ k__Bacteria;p__Actinobacteria;g__Eggerthella

k_Bacteria;p_Actinobacteria;g_Enorma

■ k_Bacteria;p_Actinobacteria;g_Gordonibacter ■ k__Bacteria;p__Actinobacteria;g__unknown

k_Bacteria;p_Bacteroidetes;g_Alistipes k_Bacteria;p_Bacteroidetes;g_Bacteroides k_Bacteria;p_Bacteroidetes;g_Barnesiella

k_Bacteria;p_Bacteroidetes;g_Butyricimonas k_Bacteria;p_Bacteroidetes;g_Gabonia

k_Bacteria;p_Bacteroidetes;g_Odoribacter k_Bacteria;p_Bacteroidetes;g_Parabacteroides k_Bacteria;p_Bacteroidetes;g_Tidjanibacter ■ k_Bacteria;p_Candidatus Melainabacteria;g_unknown

 $k_Bacteria; p_Firmicutes; g_Agathobaculum$

k_Bacteria;p_Firmicutes;g_Anaerobutyricum ■ k_Bacteria;p_Firmicutes;g_Anaeromassilibacillus k_Bacteria;p_Firmicutes;g_Anaerostipes ■ k__Bacteria;p__Firmicutes;g__Anaerotignum k_Bacteria;p_Firmicutes;g_Anaerotruncus

■ k__Bacteria;p__Firmicutes;g__Bittarella ■ k__Bacteria;p__Firmicutes;g__Blautia ■ k__Bacteria;p__Firmicutes;g__Butyricicoccus

k_Bacteria;p_Firmicutes;g_Candidatus Cibiobacter k_Bacteria;p_Firmicutes;g_Candidatus Stoquefichus k_Bacteria;p_Firmicutes;g_Catabacter k_Bacteria;p_Firmicutes;g_Clostridium

k_Bacteria;p_Firmicutes;g_Coprococcus k_Bacteria;p_Firmicutes;g_Dialister

k__Bacteria;p__Firmicutes;g__Dorea k_Bacteria;p_Firmicutes;g_Dysosmobacter k_Bacteria;p_Firmicutes;g_Eisenbergiella k_Bacteria;p_Firmicutes;g_Erysipelatoclostridium

k_Bacteria;p_Firmicutes;g_Eubacterium ■ k__Bacteria;p__Firmicutes;g__Evtepia k_Bacteria;p_Firmicutes;g_Faecalibacterium k_Bacteria;p_Firmicutes;g_Faecalicatena

k_Bacteria;p_Firmicutes;g_Flavonifractor k_Bacteria;p_Firmicutes;g_Frisingicoccus k_Bacteria;p_Firmicutes;g_Fusicatenibacter $k_Bacteria; p_Firmicutes; g_Gemmiger$ k_Bacteria;p_Firmicutes;g_Holdemania

■ k__Bacteria;p__Firmicutes;g__Hungatella k__Bacteria;p__Firmicutes;g__Intestinimonas ■ k__Bacteria;p__Firmicutes;g__Lachnobacterium k_Bacteria;p_Firmicutes;g_Lachnoclostridium k_Bacteria;p_Firmicutes;g_Lachnotalea

k_Bacteria;p_Firmicutes;g_Lactobacillus k_Bacteria;p_Firmicutes;g_Lactococcus k_Bacteria;p_Firmicutes;g_Lawsonibacter k_Bacteria;p_Firmicutes;g_Longibaculum k Bacteria;p Firmicutes;g Marvinbryantia $k_Bacteria; p_Firmicutes; g_Massilioclostridium$

k_Bacteria;p_Firmicutes;g_Mediterraneibacter Bacteria;p_ _Firmicutes;g__Megamonas k_Bacteria;p_Firmicutes;g_Merdibacter k_Bacteria;p_Firmicutes;g_Monoglobus $k_Bacteria; p_Firmicutes; g_Mordavella$

k_Bacteria;p_Firmicutes;g_Negativibacillus k_Bacteria;p_Firmicutes;g_Neglecta k_Bacteria;p_Firmicutes;g_Oscillibacter k_Bacteria;p_Firmicutes;g_Phascolarctobacterium k Bacteria;p Firmicutes;g Phocea ■ k_Bacteria;p_Firmicutes;g_Pseudoflavonifractor

■ k__Bacteria;p__Firmicutes;g__Pseudoruminoccoccus k_Bacteria;p_Firmicutes;g_Romboutsia k_Bacteria;p_Firmicutes;g_Roseburia k_Bacteria;p_Firmicutes;g_Ruminococcus

k_Bacteria;p_Firmicutes;g_Ruthenibacterium $k_Bacteria; p_Firmicutes; g_Solobacterium$ k_Bacteria;p_Firmicutes;g_Staphylococcus

k_Bacteria;p_Firmicutes;g_Streptococcus k_Bacteria;p_Firmicutes;g_Subdoligranulum k_Bacteria;p_Firmicutes;g_Turicibacter k_Bacteria;p_Firmicutes;g_Tyzzerella

k_Bacteria;p_Firmicutes;g_unknown ■ k Bacteria;p__Lentisphaerae;g__unknown k_Bacteria;p_Proteobacteria;g_Acetobacter

k_Bacteria;p_Proteobacteria;g_Acinetobacter

■ k__Bacteria;p__Proteobacteria;g__Sutterella

■ k_Bacteria;p_Proteobacteria;g_Bilophila ■ k__Bacteria;p__Proteobacteria;g__Desulfovibrio k_Bacteria;p_Proteobacteria;g_Escherichia k_Bacteria;p_Proteobacteria;g_Klebsiella k_Bacteria;p_Proteobacteria;g_Oxalobacter ■ k__Bacteria;p__Proteobacteria;g__Parasutterella

k_Bacteria;p_Proteobacteria;g_unknown k_Bacteria;p_Tenericutes;g_Mycoplasma k_Bacteria;p_Tenericutes;g_unknown k_Bacteria;p_Verrucomicrobia;g_Akkermansia k_Bacteria;p_unknown;g_unknown

k_Eukaryota;p_unknown;g_Blastocystis k__Viruses;p__unknown;g__unknown