

k\_Bacteria;p\_Actinobacteria;g\_Mycolicibacterium;s\_Mycolicibacterium mucogenicum;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Actinobacteria;g\_unknown;s\_Micrococcales bacterium UBA3913;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Bacteroidetes;g\_Bacteroides;s\_Bacteroides caccae;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Bacteroidetes;g\_Bacteroides;s\_Bacteroides gallinarum;x\_unknown;y\_unknown;z\_Bacteroides gallinarum DSM 18171 = JCM 13658  
k\_Bacteria;p\_Bacteroidetes;g\_Bacteroides;s\_Bacteroides ovatus;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Bacteroidetes;g\_Bacteroides;s\_Bacteroides vulgatus;x\_unknown;y\_unknown;z\_Bacteroides vulgatus ATCC 8482  
k\_Bacteria;p\_Bacteroidetes;g\_Bacteroides;s\_Bacteroides vulgatus;x\_unknown;y\_unknown;z\_Bacteroides vulgatus CL09T03C04  
k\_Bacteria;p\_Bacteroidetes;g\_Bacteroides;s\_Bacteroides vulgatus;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Bacteroidetes;g\_Bacteroides;s\_Bacteroides xylanisolvens;x\_unknown;y\_unknown;z\_Bacteroides xylanisolvens XB1A  
k\_Bacteria;p\_Bacteroidetes;g\_Bacteroides;s\_Bacteroides xylanisolvens;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Firmicutes;g\_Bacillus;s\_Bacillus subtilis;x\_Bacillus subtilis subsp. natto;y\_unknown;z\_unknown  
k\_Bacteria;p\_Firmicutes;g\_Blaugia;s\_Blaugia obeum;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Firmicutes;g\_Blaugia;s\_[Ruminococcus] torques;x\_unknown;y\_unknown;z\_[Ruminococcus] torques ATCC 27756  
k\_Bacteria;p\_Firmicutes;g\_Blaugia;s\_uncultured Blaugia sp.;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Firmicutes;g\_Blaugia;s\_unknown;x\_unknown;y\_unknown;z\_AF19-10LB  
k\_Bacteria;p\_Firmicutes;g\_Blaugia;s\_unknown;x\_unknown;y\_unknown;z\_KGMB01111  
k\_Bacteria;p\_Firmicutes;g\_Blaugia;s\_unknown;x\_unknown;y\_unknown;z\_Marseille-P3087  
k\_Bacteria;p\_Firmicutes;g\_Blaugia;s\_unknown;x\_unknown;y\_unknown;z\_N6H1-15  
k\_Bacteria;p\_Firmicutes;g\_Clostridium;s\_uncultured Clostridium sp.;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Firmicutes;g\_Clostridium;s\_unknown;x\_unknown;y\_unknown;z\_AT4  
k\_Bacteria;p\_Firmicutes;g\_Clostridium;s\_unknown;x\_unknown;y\_unknown;z\_CAG:167  
k\_Bacteria;p\_Firmicutes;g\_Clostridium;s\_unknown;x\_unknown;y\_unknown;z\_CAG:221  
k\_Bacteria;p\_Firmicutes;g\_Clostridium;s\_unknown;x\_unknown;y\_unknown;z\_CAG:253  
k\_Bacteria;p\_Firmicutes;g\_Coprococcus;s\_Coprococcus catus;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Firmicutes;g\_Coprococcus;s\_Coprococcus eutactus;x\_unknown;y\_unknown;z\_Coprococcus eutactus ATCC 27759  
k\_Bacteria;p\_Firmicutes;g\_Coprococcus;s\_Coprococcus phoceensis;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Firmicutes;g\_Dialister;s\_uncultured Dialister sp.;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Firmicutes;g\_Dorea;s\_unknown;x\_unknown;y\_unknown;z\_AM10-31  
k\_Bacteria;p\_Firmicutes;g\_Drancourtella;s\_Drancourtella massiliensis;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Firmicutes;g\_Eisenbergiella;s\_Eisenbergiella massiliensis;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Firmicutes;g\_Eisenbergiella;s\_Eisenbergiella tayi;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Firmicutes;g\_Erysipelatoclostridium;s\_[Clostridium] innocuum;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Firmicutes;g\_Eubacterium;s\_unknown;x\_unknown;y\_unknown;z\_CAG:38  
k\_Bacteria;p\_Firmicutes;g\_Lachnoclostridium;s\_[Clostridium] aldenense;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Firmicutes;g\_Lachnoclostridium;s\_[Clostridium] bolteae;x\_unknown;y\_unknown;z\_[Clostridium] bolteae 90A9  
k\_Bacteria;p\_Firmicutes;g\_Lachnoclostridium;s\_[Clostridium] bolteae;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Firmicutes;g\_Lachnoclostridium;s\_[Clostridium] symbiosum;x\_unknown;y\_unknown;z\_[Clostridium] symbiosum WAL-14163  
k\_Bacteria;p\_Firmicutes;g\_Lactobacillus;s\_Lactobacillus crispatus;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Firmicutes;g\_Marvinbryantia;s\_uncultured Marvinbryantia sp.;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Firmicutes;g\_Massilioclostridium;s\_Massilioclostridium coli;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Firmicutes;g\_Oscillibacter;s\_Oscillibacter sp.;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Firmicutes;g\_Oscillibacter;s\_unknown;x\_unknown;y\_unknown;z\_57\_20  
k\_Bacteria;p\_Firmicutes;g\_Oscillibacter;s\_unknown;x\_unknown;y\_unknown;z\_CAG:241  
k\_Bacteria;p\_Firmicutes;g\_Oscillibacter;s\_unknown;x\_unknown;y\_unknown;z\_CAG:241\_62\_21  
k\_Bacteria;p\_Firmicutes;g\_Roseburia;s\_uncultured Roseburia sp.;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Firmicutes;g\_Roseburia;s\_unknown;x\_unknown;y\_unknown;z\_CAG:10041\_57  
k\_Bacteria;p\_Firmicutes;g\_Roseburia;s\_unknown;x\_unknown;y\_unknown;z\_CAG:182  
k\_Bacteria;p\_Firmicutes;g\_Roseburia;s\_unknown;x\_unknown;y\_unknown;z\_CAG:197  
k\_Bacteria;p\_Firmicutes;g\_Ruminococcus;s\_Ruminococcus bromii;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Firmicutes;g\_Ruminococcus;s\_Ruminococcus lactaris;x\_unknown;y\_unknown;z\_Ruminococcus lactaris CC59\_002D  
k\_Bacteria;p\_Firmicutes;g\_Ruminococcus;s\_uncultured Ruminococcus sp.;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Firmicutes;g\_Tyzzereella;s\_Tyzzereella nexilis;x\_unknown;y\_unknown;z\_Tyzzereella nexilis DSM 1787  
k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Firmicutes bacterium CAG:124;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Firmicutes bacterium CAG:194;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Firmicutes bacterium CAG:424;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Lachnospiraceae bacterium;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Firmicutes;g\_unknown;s\_Ruminococcaceae bacterium;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Firmicutes;g\_unknown;s\_uncultured Clostridiales bacterium;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Firmicutes;g\_unknown;s\_uncultured Lachnospiraceae bacterium;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Firmicutes;g\_unknown;s\_uncultured Ruminococcaceae bacterium;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Proteobacteria;g\_Acetobacter;s\_unknown;x\_unknown;y\_unknown;z\_46\_36  
k\_Bacteria;p\_Proteobacteria;g\_Cupriavidus;s\_Cupriavidus metallidurans;x\_unknown;y\_unknown;z\_Cupriavidus metallidurans CH34  
k\_Bacteria;p\_Proteobacteria;g\_Cupriavidus;s\_Cupriavidus metallidurans;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Proteobacteria;g\_Delftia;s\_Delftia tsuruhatensis;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Proteobacteria;g\_Ralstonia;s\_Ralstonia pickettii;x\_unknown;y\_unknown;z\_Ralstonia pickettii 12D  
k\_Bacteria;p\_Proteobacteria;g\_Ralstonia;s\_Ralstonia pickettii;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Proteobacteria;g\_Tepidimonas;s\_Tepidimonas fonticaldi;x\_unknown;y\_unknown;z\_unknown  
k\_Bacteria;p\_Proteobacteria;g\_Xanthomonas;s\_Xanthomonas campestris;x\_unknown;y\_unknown;z\_ATCC 33913