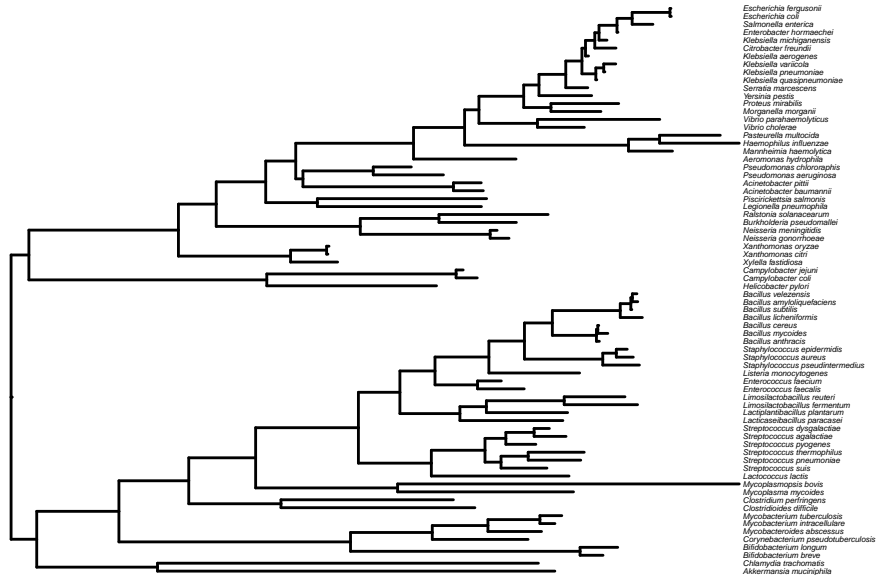


k=4



*Escherichia fergusonii*  
*Escherichia coli*  
*Salmonella enterica*  
*Enterobacter hormaechei*  
*Klebsiella michiganensis*  
*Citrobacter freundii*  
*Klebsiella aerogenes*  
*Klebsiella varicola*  
*Klebsiella pneumoniae*  
*Klebsiella quasipneumoniae*  
*Serratia marcescens*  
*Yersinia pestis*  
*Proteus mirabilis*  
*Morganella morganii*  
*Vibrio parahaemolyticus*  
*Vibrio cholerae*  
*Pasteurella multocida*  
*Haemophilus influenzae*  
*Mannheimia haemolytica*  
*Aeromonas hydrophila*  
*Pseudomonas chlororaphis*  
*Pseudomonas aeruginosa*  
*Acinetobacter pittii*  
*Acinetobacter baumannii*  
*Piscirickettsia salmonis*  
*Legionella pneumophila*  
*Ralstonia solanaceorum*  
*Burkholderia pseudomallei*  
*Neisseria meningitidis*  
*Neisseria gonorrhoeae*  
*Xanthomonas oryzae*  
*Xanthomonas citri*  
*Xylella fastidiosa*  
*Campylobacter jejuni*  
*Campylobacter coli*  
*Helicobacter pylori*  
*Bacillus velezensis*  
*Bacillus amyloliquefaciens*  
*Bacillus subtilis*  
*Bacillus licheniformis*  
*Bacillus cereus*  
*Bacillus mycoides*  
*Bacillus anthracis*  
*Staphylococcus epidermidis*  
*Staphylococcus aureus*  
*Staphylococcus pseudintermedius*  
*Listeria monocytogenes*  
*Enterococcus faecium*  
*Enterococcus faecalis*  
*Limosilactobacillus reuteri*  
*Limosilactobacillus fermentum*  
*Lactiplantibacillus plantarum*  
*Lactisaneibacillus paracasei*  
*Streptococcus dysgalactiae*  
*Streptococcus agalactiae*  
*Streptococcus pyogenes*  
*Streptococcus thermophilus*  
*Streptococcus pneumoniae*  
*Streptococcus suis*  
*Lactococcus lactis*  
*Mycoplasma bovis*  
*Mycoplasma mycoides*  
*Clostridium perfringens*  
*Clostridioides difficile*  
*Mycobacterium tuberculosis*  
*Mycobacterium intracellulare*  
*Mycobacteroides abscessus*  
*Corynebacterium pseudotuberculosis*  
*Bifidobacterium longum*  
*Bifidobacterium breve*  
*Chlamydia trachomatis*  
*Akkermansia muciniphila*

