

A phylogenetic tree showing the relationships between 25 bacterial species. The tree is rooted on the left and branches out to the right. The species names are listed on the right side of the tree. The tree is color-coded by phylum: Cyanobacteria (pink background), Proteobacteria (blue background), and Firmicutes (light pink background).

Cyanobacteria (Pink background):

- Synechocystis* sp.
- S. elongatus*

Proteobacteria (Blue background):

- B. anthracis*
- B. subtilis*
- A. kunkeei*
- E. faecalis*
- S. sanguinis*
- S. epidermidis*
- E. limosum*
- C. difficile*
- M. tuberculosis*
- M. smegmatis*
- S. coelicolor*

Firmicutes (Light pink background):

- D. vulgaris*
- E. coli*
- S. enterica*
- K. pneumoniae*
- N. gonorrhoeae*
- B. pseudomallei*
- P. chlororaphis*
- A. fischeri*
- X. albilineans*
- X. oryzae*
- S. meliloti*
- C. vibrioides*
- B. thetaiotaomicron*
- B. xylanisolvens*
- B. fragilis*

