

A circular phylogenetic tree representing the 16S rRNA gene sequences of 1000 bacterial strains. The tree is organized into concentric rings, with the outermost ring showing the individual strain names. The branches are labeled with numbers indicating the number of copies of the gene: 0 copies (light gray) and 1 copy (dark gray). The tree is divided into several major clades, with the largest clade being the Proteobacteria, which is further divided into the classes Alpha, Beta, and Gamma. Other major clades include Firmicutes, Bacteroidetes, and Actinobacteria. The tree is presented in a circular format, with the branches radiating from the center to the periphery.