

A circular phylogenetic tree showing the relationships between various bacterial strains based on their 16S rDNA sequences. The tree is rooted at the top and branches outwards. The branches are labeled with strain names, such as *Escherichia coli*, *Salmonella enterica*, *Staphylococcus aureus*, and *Bacillus subtilis*. The tree is divided into several major clades, each represented by a different color. A legend in the top right corner indicates that the color coding represents the number of copies of the 16S rDNA gene: 0 copies (white) and 1 copy (gray). The tree shows a high degree of genetic diversity, with many strains having multiple copies of the 16S rDNA gene.