

The diagram illustrates the chemical structure of the 12S rRNA molecule. It shows a single-stranded RNA chain with various bases (A, C, G, U) and their corresponding sugar-phosphate backbones. The 5' and 3' ends are labeled. The structure is complex, with many bases and sugars connected by phosphodiester bonds, forming a long, flexible chain. The bases are represented by letters (A, C, G, U) and the sugars by 'c' and 'a'.

[illegible]