

The diagram illustrates the chemical structure of the 16S ribosomal subunit of *E. coli*. The 16S rRNA molecule is highlighted in red, while the 23S rRNA molecule is shown in grey. The structure is a complex, folded polynucleotide chain with various bases (adenine, uracil, guanine, cytosine) and sugar-phosphate backbones. The 5' and 3' ends of the RNA are labeled. The overall shape is a compact, globular structure with several loops and stems.



5'- guuggcca gaaagauuuuguucggguuuu ccagagggguguuaccccauaaaugaacuuuucagccaac -3'	exp		
(((((...(((((((((((((...(((...((...))...)))...))))))))))))))))))	reads	mm	sample
.....gaaagauu Cguucggguuuu c.....	2	1	F03
.....agaaaaguu Cguucgggu	1	1	F02