

The diagram illustrates the complex secondary structure of the 16S rRNA gene from *Escherichia coli*. It features numerous base-paired stems and unpaired loops. A specific sequence, 5'-UUAUUUUUGAUUU-3', is highlighted in red within the main body of the molecule.



5'-	cuggaccacagggaauucuguanuuuguuuucuuaauaaaggggaggguucaguuaagagcaaacagc <u>acuugacuuggagucagaaggcuu</u> agguccaa	-3'	exp
	.(((((((.....))))).(((((((((.(....(((.....)))))...)))))...)))).).....))))).	reads	mm sample
acuGgacuuggagucagaagg.....	1	1 F02