

The diagram illustrates the chemical structure of the 5S rRNA of the 30S ribosomal subunit of *E. coli*. The structure is shown as a complex, folded polynucleotide chain. The 16S subunit is represented by a large, dark grey, circular structure on the left, and the 23S subunit is represented by a large, dark grey, circular structure on the right. The 5S rRNA is shown as a smaller, red, linear structure in the center, connecting the two subunits. The structure is labeled with '5' and '3' at the ends, indicating the 5' and 3' termini. The structure is also labeled with 'a' and 'c' at various positions, indicating specific nucleotides or regions. The structure is shown in a perspective view, with the 16S subunit in the foreground and the 23S subunit in the background.



5'-	agugagc aacccaguggggcuauggaa uguguggaagauggca uuucuauuucucaguggggc uuacc	-3'	exp	
	.(((((((.(((.(((.(((((((((.)))))))))).)))))).))))).reads		mm	sample
	.....Uuuucuauuucucaguggggc.....	1	1	seq
	.....uuucuauuucucaguggggc.....	1	0	seq
	.....uuucuauuucucUguggggc.....	1	1	seq
	.....uuucuauuucucaguggggcG.....	1	1	seq
	.....uuucuauuucucaguggggc.....	90	0	seq
	.....uuucUuuucucaguggggc.....	1	1	seq
	.....uuucuauuucucaguggggcuc.....	2	0	seq
	.....uuucuauuucucaguggggc.....	1	0	seq