

Diagram illustrating the secondary structure of the 5S rRNA gene from the bacterium 122. The structure shows a complex fold with multiple stems and loops. Nucleotides are color-coded: red for conserved nucleotides and black for non-conserved nucleotides. The 5' and 3' ends are labeled.



5'	acgaauaggcuaugcacugca <b>caaccuccagggagaggguGCCAUUc</b> aca <u>ua</u> gacua <u>aa</u> uu <b>aauggcgccacuaggguu</b> gucagugcacac <u>ccu</u> acac	-3'	exp
	.....((((((((((((((((((((((.....(((((((((((.....)))))))))....))))))))).....)).....	reads	mm
	.....ugaauaggcgccacuaggguuG.....	5	0
	.....AaauggcgccacuaggguuG.....	3	1
	.....aauggcgccacuaggguu.....	1	0
	.....aauggcgccacuaggguuGg.....	2	1
	.....aauggcgccaUuaggguuG.....	1	1
	.....aauggcAccacuaggguuG.....	1	1
	.....aauggcgccacuaggCuug.....	1	1
	.....aCuggcgccacuaggguuG.....	3	1
	.....CauggcgccacuaggguuG.....	91	1
	.....aauggcgccacuaggguuAA.....	1	1
	.....aauggGgccacuaggguuG.....	1	1
	.....aauggcgccacuaggguuG.....	834	0
	.....aaCggcgccacuaggguuG.....	1	1
	.....aauggcgccacuagggCuG.....	1	1
	.....aaAggcgccacuaggguuG.....	1	1
	.....aauggcgccacuaggguuGu.....	28	0
	.....CauggcgccacuaggguuGu.....	3	1
	.....aauggcAccacuaggguuGu.....	1	1
	.....CauggcgccacuaggguuGug.....	4	1
	.....aGuggcgccacuaggguuGug.....	1	1
	.....aauggcgccacuaggguuGuA.....	1	1
	.....aauggcgctUacuaggguuGug.....	1	1
	.....aauggcgccacuaggguuGug.....	49	0
	.....aauggcgccacuaggguuGugA.....	12	1
	.....aauggcgccacuaggguuGugU.....	3	1
	.....aauggcgccacuaggguuGugG.....	4	1
	.....aauggcgccacuaggguuGugUa.....	1	1
	.....auggcgccacuaggguuG.....	1	0
	.....auggcgccacuaggguuGugA.....	1	1