

A diagram of a single-stranded RNA molecule. The sequence of bases from 5' to 3' is: U, G, A, C, A, G, U, C, A, U, A, A, G, G, A, A, G, A, C, U, U, A. The bases are color-coded: U is blue, G is green, A is orange, and C is red. Lines connect complementary bases (U-A, G-C) to show secondary structure. The 5' end is at the top left, and the 3' end is at the bottom left.



5'-	agcgugguauaucugaaaa <u>ugaacaaguccauaaggaagaacuuaaagguaugccuuauugacuaagcauuuuucagauauauaacauauuuuuugguguaucucaaaauuuu</u>	-3'	exp			
	.....(((((((((((((((.(.((((((((((...(((...))))..)))))..)))))).))))).((((....))))). ....		reads	mm		sample
	.....<u>augaacaaguccauaaggaagaacu</u>		3	0		seq
	.....<u>ugaacaaguccauaaggaagaacu</u>		21	0		seq