

The diagram illustrates a single-stranded RNA molecule. The sequence of bases from left to right is: 5' U G A G U U A A U A G C C C A U G A G G C A C U C C 3'. The bases are color-coded: U (blue), G (green), A (red), G (green), U (blue), U (blue), A (red), A (red), U (blue), A (green), G (green), C (blue), C (blue), C (blue), A (blue), U (blue), G (green), A (red), G (green), G (green), C (blue), A (red), C (red), U (blue), C (blue), C (blue). The bases are connected by lines representing hydrogen bonds, forming several loops and bulges.



5'-	uacuaauaaauuuuuuacuccucaagcccaaaaaggggcuc <u>ugaguuauaagcccaugagggccg</u> <u>aaauaugcaccucacgggcuaauugacucaga</u> gggccauaagggugagagaaa	-3'	exp	
.....((.((.(((.((((.(((((((((((((((.(((.(.....))))))))))))))))))))))))))))))..	reads	mm		sample
.....acAucacgggcuaauugacucaga.....	1	1		seq
.....accucacgggcuaauugacucaga.....	9	0		seq
.....ccucaAgggcuaauugacucaga.....	1	1		seq