

A diagram of a linear RNA molecule. The sequence starts at the 5' end with an adenine (a) and ends at the 3' end with a guanine (g). The sequence is: 5'-a-a-c-u-u-c-a-a-u-u-a-a-u-a-g-g-c-c-u-u-c-u-u-g-g-u-u-g-3'. A single stem-loop structure is formed by base pairing between the 10th nucleotide (u) and the 18th nucleotide (c), and between the 11th nucleotide (a) and the 19th nucleotide (g). The rest of the sequence is unpaired.



5'	uuacagcaccuuguuuuucuc aacuucaauucaugggcccu uccuuggggguugc <u>auuacagggc</u> cau <u>aaauugaagugg</u> aaagccu <u>caucggg</u> acuu <u>auagua</u> aaacaca	-3'	exp
.....(((((((.....(((((.....(((((.....((.....)).....)))))).....)))))).....)))).....)).....)).....)).....	reads	mm	sample
.....aacuucaauucaugggcc.....	1	0	seq
.....aacuucGauucaugggccu.....	1	1	seq
.....aacuucAAucaugggccu.....	1	1	seq
.....aacuucAAuucaAggcccc.....	1	1	seq
.....aacuucAAuucaugggccu.....	91	0	seq
.....ucGggcccau <u>aaauugaagu</u>	2	1	seq
.....ucGggcccau <u>aaauugaagugg</u>	4	1	seq