

A diagram of a single-stranded RNA molecule. The sequence starts at the 3' end with two adenine (a) bases. It then forms a stem-loop structure. The stem consists of 8 base pairs: cytosine-guanine, uracil-adenine, cytosine-guanine, uracil-adenine, guanine-cytosine, cytosine-guanine, uracil-adenine, and cytosine-guanine. The loop contains three nucleotides: uracil, guanine, and cytosine. Following the loop, there are four more nucleotides: cytosine, guanine, uracil, and adenine. The 5' end is labeled at the first nucleotide of the stem (guanine).



5'	exp	reads	mm	sample
aacaaauccgccucgugugacacgguaauuuugugaaaaucauu <u>gucgcugcgaucauguugcugcgaa</u> u <u>caugccacugaucgcagcgcgacaaa</u> uuagcgaaaggagcguuu	-3'			
.....(((...)))((...((((.....((((((((((((((((((...)).)))))))))))))).....))))))..))....				
.....Agugugacacgguaauuuu.....		1	1	s09
.....caugccacugaucgcagcgcacau.....		27	1	s14
.....auuuugugaaaaucauugucgcug.....		2	0	s35
.....Accacugaucgcagcgcacaaa.....		1	1	s52