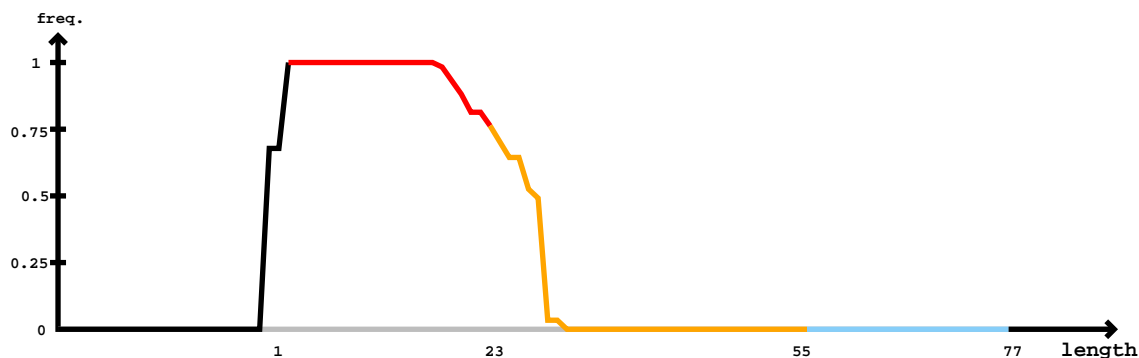


The diagram shows a circular RNA molecule. The 5' end is labeled '5'' and has a red 'a' (adenine) base. The 3' end is labeled '3'' and has a blue 'a' (adenine) base. The RNA sequence is color-coded: red for the 5' cap and the first 10 bases (a-u-g-g-u-g-a-g-a-u-c-g), blue for the next 10 bases (a-c-c-c-a-c-u-c-u-a-g-a), and yellow for the remaining 10 bases (a-u-g-c-a-u-a-u-a-u-c-g-g-g-g-g-u). The bases are connected by lines representing the sugar-phosphate backbone, forming a continuous loop.



Star

[illegible]

Mature

Star

uauuggc <u>auuu</u> caaaugau <u>uu</u> au <u>ggg</u> gagagau <u>cg</u> gacau <u>cg</u> cau <u>u</u> acagggcgcgcuggcagccgcuaucaguc <u>ua</u> uu <u>aa</u> acgaucucacccagca <u>ca</u> ugaugaa			
.....augggugagau <u>cg</u> gacau <u>cg</u> cau <u>a</u>	2	0	s09
.....auaugggugagau <u>cg</u> gacau <u>cg</u>	1	0	s35
.....auaugggugagau <u>cg</u> gacau <u>cg</u> cau <u>a</u> Ca.....	1	1	s35
.....auaugggugagau <u>cg</u> gacau <u>cg</u> cau <u>a</u> ua.....	2	0	s35
.....auaugggugagau <u>cg</u> gacau <u>cg</u> cau <u>a</u> UG.....	2	1	s35
.....augggugagau <u>cg</u> gacau <u>c</u>	1	0	s35
.....augggugagau <u>cg</u> gacau <u>cg</u>	3	0	s35
.....augggugagau <u>cg</u> gCcau <u>cg</u> cau <u>a</u>	1	1	s35
.....augggugagau <u>cg</u> gacau <u>cg</u> cau <u>a</u>	1	0	s35
.....augggugagau <u>cg</u> gacau <u>cg</u> cau <u>a</u> UGa.....	1	1	s35
.....auaugggugaga <u>A</u> cgga <u>a</u>	1	1	s85
.....auaugggugagau <u>cg</u> gacau <u>cg</u> cau <u>a</u> G.....	1	1	s85
.....auaugggugagau <u>cg</u> gacau <u>cg</u> cau <u>a</u> ua.....	2	0	s85
.....auaugggugagau <u>cg</u> gacau <u>cg</u> cau <u>a</u> Ca.....	1	1	s85