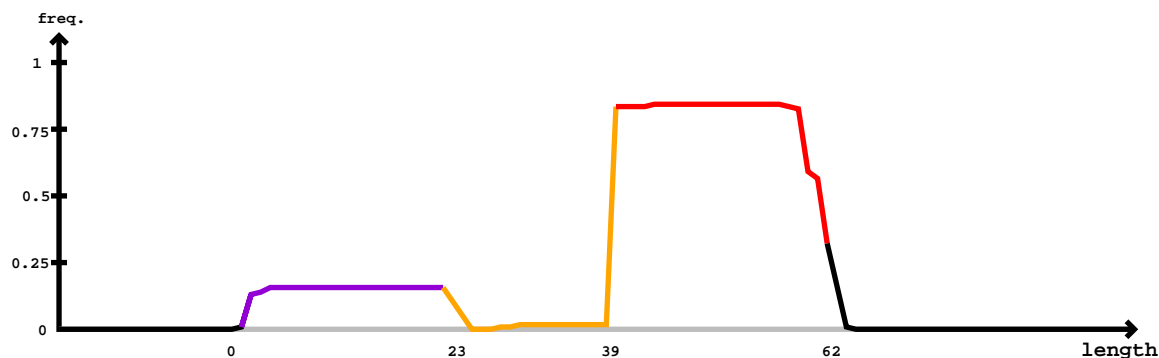


The diagram shows a linear RNA molecule. The 5' end is capped with a 5' cap (represented by a blue circle). The 3' end has a poly-A tail (represented by a red circle). The RNA sequence is shown as a string of nucleotides (A, U, G, C) connected by phosphodiester bonds. The 5' cap is connected to the first nucleotide (A) via a 5' to 5' triphosphate linkage. The poly-A tail is added to the 3' end of the RNA sequence.



## Mature

[illegible]

## Star

## Mature

aaggagcagcuuccuuuuccuguaugauagacacuguauaguacauucauaauaaua <u>uacagugugcaucauguaggggg</u> auggagaagcccuuauacauaa <u>uacaugaga</u>			
.....uacaguA <u>ugcaucauguagggg</u> .....	1	1	s08
.....uacagugugcaucauguaggggA.....	1	1	s08
.....uacagugugcaucauguaggggC.....	1	1	s08
.....uacagugugcaucauguaggggU.....	5	1	s08
.....uacagugugcaucauguaggggg.....	1	0	s08
.....gugugcaucauguagggg.....	1	0	s08
.....uacagugugcaucauguaggggU.....	2	1	s18
.....ccuguaugauagacacuguaua.....	5	0	s02
.....Ucuguaugauagacacuguaua.....	1	1	s02
.....uacagugugcaucauguag.....	1	0	s02
.....uacagugugcaucauguagg.....	10	0	s02
.....uacagugugcaucauguGggg.....	1	1	s02
.....uacagugugcaucGuguagggg.....	1	1	s02
.....uacagugugcaucauguaggUg.....	1	1	s02
.....uacagugugcaucauguagggA.....	1	1	s02
.....uacagugugcaucauguagggg.....	4	0	s02
.....uacagugugcaucauguaggggC.....	3	1	s02
.....uacagugugcaucauguaggggU.....	17	1	s02