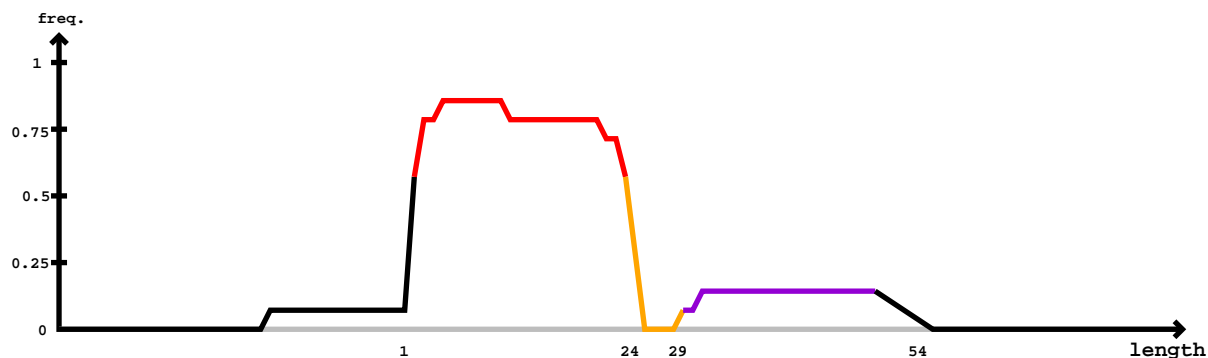


The diagram shows a circular RNA molecule with a linear extension. The main circle consists of 18 nucleotides: U, C, G, A, C, G, U, U, U, A, U, G, G, A, C, C, U, G. A linear strand of 10 nucleotides (U, G, C, G, U, U, U, U, A, U) is attached to the top of the circle at the third position (C). This linear strand has a 5' end labeled '5'' and a 3' end labeled '3''. The 3' end of the linear strand is connected to the 3' end of the main circle (G).



5'- ucgggucaagaugggcuggguaauaggccacgnuucucuuuuugcguuuuuauggaccucga	-3'				obs
ucgggucaagaugggcuggguaauaggccacgnuucucuuuuugcguuuuuauggaccucga					exp
. . . . (((((((((( (. ((((( (. (( . . . ((((((((((((((((. . . . . ))))))))))) ))).) ).) ))))))) .) ))))))) )))	reads	mm			sample
. . . . . uaggccacgnuucucuuuuugcguuu . . . . .	1	0			seq
. . . . . uuugcguuuuuauggacUucg . . . . .	1	1			seq
. . . . . uuugcguuuuuGuggaccucga . . . . .	1	1			seq
. . . . . uuCugcguuuuuauggaccucga . . . . .	2	1			seq
. . . . . uuugcguuuuuauggacUucga . . . . .	2	1			seq
. . . . . uuugcguuuuuauggaccCcag . . . . .	1	1			seq
. . . . . uuugcguuuuuauggaccu . . . . .	1	0			seq
. . . . . uuugcguuuuCauggaccucga . . . . .	1	1			seq
. . . . . uuugcguuuuuauggaccucga . . . . .	1	0			seq
. . . . . ugcguuuuuauggaccucg . . . . .	1	0			seq
. . . . . uCucgguccaaaaaacgcgau . . . . .	1	1			seq
. . . . . ucgguccaaaaaacgcgaAaaaa . . . . .	1	1			seq