

The diagram illustrates a single-stranded RNA molecule with a sequence of bases: 5'-U-C-A-A-U-G-U-U-G-G-U-G-A-U-G-G-U-G-A-U-G-A-U-A-G-U-C-A-U-A-U-A-3'. The bases are connected by phosphodiester bonds, forming a continuous strand. The sequence is shown in a slightly curved conformation.



5'-	tcaaauguuggugaugggugauaguuuaauaacugcaccagcaucaccaauauuguu	-3'	exp	
.	((((((((((((((((((((((.....)))))))))...)))))))))..	reads	mm	sample
A	caauguuggugaugggugaua.....	1	1	s72
A	caauguuggugaugggugauag.....	15	1	s72
u	caauguuggugaugggugauagu.....	1	0	s72
A	caauguuggugaugggugauagu.....	21	1	s72
A	caauguuggugaugggugauaguu.....	1	1	s72
.	caauguuggugaugggugauag.....	2	0	s72
..	auguuggugaugggugauagu.....	1	0	s72
.....	.Augcaccagcaucaccaauauuguu	3	1	s72
A	caauguuggugaugggugau.....	2	1	s60
A	caauguuggugaugggugauag.....	14	1	s60
A	caauguuggugaugggugauagu.....	13	1	s60
.	caauguuggugaugggugauaguu.....	1	0	s60
.....	.Agcaccagcaucaccaauauuguu	1	1	s60
A	caauguuggugaugggugauag.....	6	1	s35
A	caauguuggugaugggugauagu.....	14	1	s35
A	caauguuggugaugggugauaguu.....	2	1	s35
A	caauguuggugaugggugauaguuu.....	1	1	s35
.	caCuguuggugaugggugauag.....	1	1	s35
.	caauguuggugaugggugauag.....	1	0	s35
.	caauguuggugaugggugauagu.....	1	0	s35
.....	.Augcaccagcaucaccaauauuguu	1	1	s35
A	caauguuggugaugggugaua.....	1	1	s52
A	caauguuggugaugggugauag.....	8	1	s52
A	caauguuggugaugggugauagu.....	18	1	s52
A	caauguuggugaugggugauaguu.....	4	1	s52
A	caauguuggugaugggugauaguuu.....	1	1	s52
.	caauguuggugaugggugauagu.....	2	0	s52
A	caauguuggugaugggugauag.....	3	1	s85
A	caauguuggugaugggugauagu.....	15	1	s85
A	caauguuggugaugggugauaguu.....	2	1	s85
A	caauguuggugaugggugauaguuu.....	2	1	s85

ucaauguuggugauggugauaguuuuuauacugcaccagcaucaccaauuuuguu			
.Aaaguuggugauggugauagu.....	1	1	s85
.caCuguuggugauggugauagu.....	1	1	s85
.....Augcaccagcaucaccaauuug..	1	1	s85
.....Augcaccagcaucaccaauuuugu	1	1	s85