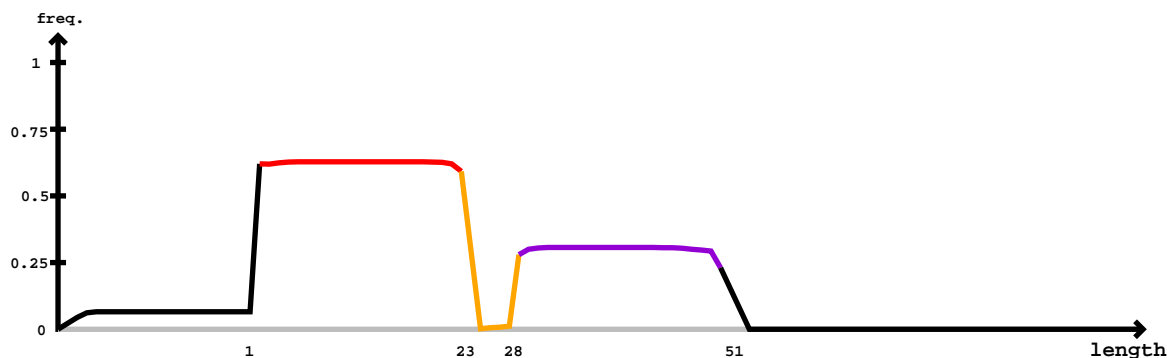


The diagram shows a single-stranded RNA molecule. The 5' end is capped with a 5' cap (represented by a blue circle). The 3' end has a poly-A tail (represented by a blue circle). The RNA sequence is shown as a string of nucleotides: 5' G C A A U G U U U C G G C U U G U U C C C G U U U A A A G C U G A A C A A G G G C U U U. The sequence is color-coded: 5' cap (blue), G (red), C (orange), A (green), U (yellow), G (red), U (yellow), U (yellow), U (yellow), C (orange), G (red), G (red), C (orange), U (yellow), U (yellow), G (red), U (yellow), U (yellow), C (orange), C (orange), C (orange), G (red), U (yellow), U (yellow), U (yellow), A (green), A (green), A (green), G (red), C (orange), U (yellow), G (red), A (green), A (green), C (orange), A (green), A (green), G (red), G (red), G (red), C (orange), U (yellow), U (yellow), U (yellow).



	-3'	obs	
		exp	
		known	
	reads	mm	sample
..(((.....(((.....(((.....(((.....(((.....(((.....((.....))))))))).....).)))))).).....(((.....)))).....			
.....Acaauguuuucggcuugnucccg.....	1	1	s13
.....Acaauguuuucggcuugnucccg.....	2	1	s13
.....Aggaacaagucgaaacauuag.....	4	1	s13
.....ggaCcaagucgaaacauuag.....	1	1	s13
aaaggacgaaugggcgagug.....	7	0	s60
aaaUgacgaaugggcgagug.....	4	1	s60
.aaggCcgaauugggcgagug.....	1	1	s60
.aaggacgaaugggcgCgug.....	1	1	s60
.aggacgaaugggcgagug.....	1	0	s60
.....Acaauguuuucggcuugnuccc.....	4	1	s60
.....Acaauguuuucggcuugnucccg.....	138	1	s60
.....Acaauguuuucggcuugnucccg.....	1	1	s60
.....caauguuuucggcuugnucccg.....	16	0	s60
.....aauguuuucggcuugnucccg.....	2	0	s60
.....auguuucggcuugnucccg.....	1	0	s60
.....Aucgggaacaagucgaaacauu.....	1	1	s60
.....Aucgggaacaagucgaaacauuag.....	1	1	s60
.....Agggaacaagucgaaacau.....	1	1	s60
.....Agggaacaagucgaaacauaga.....	1	1	s60
.....Aggaacaagucgaaacauuag.....	10	1	s60
.....Aggaacaagucgaaacauuaga.....	50	1	s60
.....ggaacaagucgaaacauuag.....	1	0	s60
.....ggaacaagucgaaacauuaga.....	4	0	s60
.....ggaacaagucgaaacauuaCa.....	1	1	s60
.....gaacaagucgaaacauuaga.....	2	0	s60
aaaggacgaaugggcgagug.....	2	0	s72
aaaUgacgaaugggcgagug.....	1	1	s72
.aaggacgaaugggcgagug.....	1	0	s72
.aaUgacgaaugggcgagug.....	1	1	s72
.aUgacgaaugggcgagug.....	1	1	s72

Mature Star

aaaggacgaaugggcgagugc	aauguuucggcuuguucccg	uuuucgggaacaagucg	aaacauuagacuuucucagucac	uaccucagauuggauugaucag	aaaaaaag			
.....	.Acaauguuu	cggcuuguuc	.....	1	1	s72		
.....	.Acaauguuu	cggcuuguucc	.....	2	1	s72		
.....	.Acaauguuu	cggcuuguuccc	.....	5	1	s72		
.....	.Acaauguuu	cggcuuguucccg	.....	135	1	s72		
.....	.Acaauguuu	cggcuuguucccgu	.....	5	1	s72		
.....	.caCuguuu	cggcuuguucccg	.....	1	1	s72		
.....	.caauguuu	cggcuuguucccg	.....	16	0	s72		
.....	.caauguuu	cggcuuguucccU	.....	2	1	s72		
.....	.Aaauguuu	cggcuuguucccg	.....	1	1	s72		
.....	.caauguuu	cggcuuguucccgu	.....	1	0	s72		
.....	.aauguuu	cggcuuguucccg	.....	1	0	s72		
.....	.aauguuu	cggcuuguucccgu	.....	1	0	s72		
.....	.Acgggaaca	agucgaaaca	.....	1	1	s72		
.....	.Aggaaca	agucgaaacauuag	.....	6	1	s72		
.....	.Aggaaca	agucgaaacauuaga	.....	28	1	s72		
.....	.ggaaca	agucgaaacauuaga	.....	2	0	s72		
aaaUgacgaaugggcgagug	.....	.....	.....	1	1	s09		
.aaggacgaaugggcgagug	.....	.....	.....	1	0	s09		
.....	.Acaauguuu	cggcuuguuccc	.....	2	1	s09		
.....	.Aggaaca	agucgaaacauuag	.....	7	1	s09		
aaaUgacgaaugggcgagug	.....	.....	.....	2	1	s52		
aaaggacgaaugggcgagug	.....	.....	.....	7	0	s52		
.aaUgacgaaugggcgagug	.....	.....	.....	1	1	s52		
.aaggacgaaugggcgagug	.....	.....	.....	3	0	s52		
.....	.Acaauguuu	cggcuuguucc	.....	2	1	s52		
.....	.Acaauguuu	cggcuuguuccc	.....	7	1	s52		
.....	.Acaauguuu	cggcuuguucccg	.....	96	1	s52		
.....	.Acaauguuu	cggcuuguucccgu	.....	2	1	s52		
.....	.caauguuu	cggcuuguuccc	.....	1	0	s52		
.....	.caCuguuu	cggcuuguucccg	.....	1	1	s52		
.....	.caauguuu	cggcuuguucccg	.....	13	0	s52		
.....	.aauguuu	cggcuuguucccg	.....	1	0	s52		
.....	.auguuu	cggcuuguucccg	.....	1	0	s52		
.....	.uguuuu	cggcuuguucccg	.....	1	0	s52		
.....	.Auuuucgggaaca	agucgaaacauuaga	.....	1	1	s52		
.....	.Aggaaca	agucgaaacau	.....	1	1	s52		
.....	.Aggaaca	agucgaaacauu	.....	1	1	s52		
.....	.Aggaaca	agucgaaacauua	.....	1	1	s52		
.....	.Aggaaca	agucgaaacauuag	.....	12	1	s52		
.....	.Aggaaca	agucgaaacauuaga	.....	36	1	s52		
.....	.ggaaca	agucgaaacauuag	.....	2	0	s52		
.....	.ggaaca	agucgaaacauuaga	.....	1	0	s52		
.....	.gaaca	agucgaaacauuaga	.....	2	0	s52		
.....	.aaca	agucgaaacauuaga	.....	2	0	s52		
aaaggacgaaugggcgagug	.....	.....	.....	8	0	s35		
aaaUgacgaaugggcgagug	.....	.....	.....	7	1	s35		
.aaUgacgaaugggcgagug	.....	.....	.....	2	1	s35		
.aaggacgaaugggcgagug	.....	.....	.....	4	0	s35		
.aggacgaaugggcgagug	.....	.....	.....	1	0	s35		
.....	.Acaauguuu	cggcuuguuu	.....	1	1	s35		
.....	.Acaauguuu	cggcuuguuccc	.....	4	1	s35		
.....	.Acaauguuu	cggcuuguucccg	.....	77	1	s35		
.....	.Acaauguuu	cggcuuguucccgu	.....	2	1	s35		
.....	.gcaauguuu	cggcuuguucccgu	.....	1	0	s35		
.....	.caauguuu	cggcuuguucccg	.....	9	0	s35		
.....	.caauguuu	cggcuuguucccgu	.....	1	0	s35		
.....	.aauguuu	cggcuuguucccg	.....	1	0	s35		
.....	.auguuu	cggcuuguucccg	.....	1	0	s35		
.....	.Auuuucgggaaca	agucgaaacauuaga	.....	1	1	s35		
.....	.uucgggaaca	agucgaaa	.....	1	0	s35		
.....	.Aucgggaaca	agucgaaacauua	.....	1	1	s35		
.....	.ucgggaaca	agucgaaacauuaC	.....	1	1	s35		
.....	.cgggaaca	agucgaaacauuaC	.....	1	1	s35		
.....	.Aggaaca	agucgaaacauu	1	1	s35		
.....	.Aggaaca	agucgaaacauua	2	1	s35		
.....	.Aggaaca	agucgaaacauuag	8	1	s35		

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aaaggacgaaugggcgagugc	aauguuucggcuuguucccg	uuuucgggaacaagucgaaacauuag	acuuucucagucacuaaccucag	auggauugaucagaaaaaag			
.....	.Aggaacaagucgaaacauuag	.....	53	1	s35		
.....	.Agaacaagucgaaacauuag	.....	1	1	s35		
.....	.ggaacaagucgaaacauuac	.....	1	1	s35		
.....	.ggaacaagucgaaacauuag	.....	5	0	s35		
.....	.ggaacaagucgaaacauuagA	.....	1	1	s35		
.....	.gaacaagucgaaacauuag	.....	1	0	s35		
aaaUgacgaaugggcgagug	.....	.....	3	1	s85		
aaaggacgaaugggcgagug	.....	.....	3	0	s85		
.aaUgacgaaugggcgagug	.....	.....	2	1	s85		
.aaggacgaaugggcgagug	.....	.....	1	0	s85		
..aggacgaaugggcgagugA	.....	.....	1	1	s85		
.....	.Acaauguuucggcuuguucc	.....	2	1	s85		
.....	.Acaauguuucggcuuguuccc	.....	5	1	s85		
.....	.Acaauguuucggcuuguucccg	.....	74	1	s85		
.....	.Acaauguuucggcuuguucccgu	.....	2	1	s85		
.....	.caauguuucggcuuguucccg	.....	4	0	s85		
.....	.Agggaacaagucgaaacau	.....	1	1	s85		
.....	.Aggaacaagucgaaacau	.....	2	1	s85		
.....	.Aggaacaagucgaaacauuag	.....	7	1	s85		
.....	.Aggaacaagucgaaacauuag	.....	39	1	s85		
.....	.ggaacaagucgaaacauuag	.....	1	0	s85		
aaaggacgaaugggcgagug	.....	.....	1	0	s23		
.....	.Acaauguuucggcuuguuccc	.....	2	1	s23		
.....	.Acaauguuucggcuuguucccg	.....	2	1	s23		
.....	.Aggaacaagucgaaacauuag	.....	2	1	s23		
.....	.Aggaacaagucgaaacauuag	.....	8	1	s23		