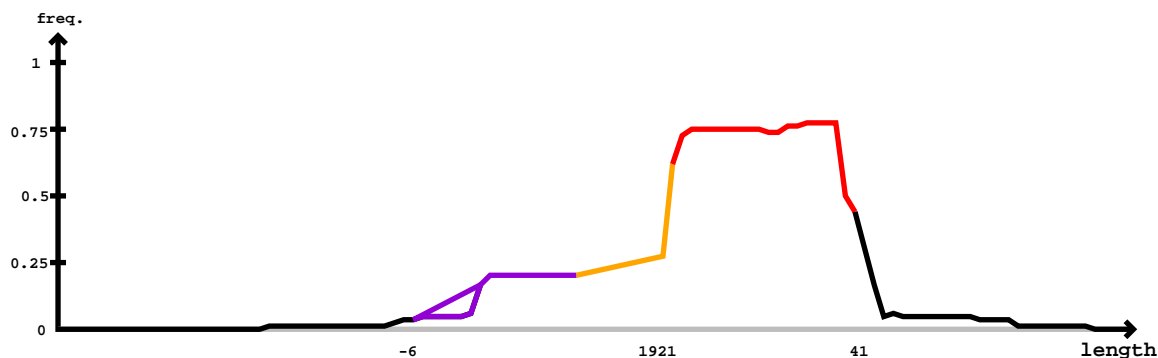


A diagram of a single-stranded RNA molecule. The sequence of bases from left to right is: u, g, g, c, c, a, c, a, c, g, g, u, u, g, u, g, c, g, c, a, u, g, c, a, u, g, a, u. The bases are color-coded: red (u, g, g), blue (c, c), green (a, a), orange (c, a), purple (g, g, u, u, g, u, g, c, g, c, a, u, g, c, a, u), yellow (a, u), and pink (a, u). The 5' end is at the top left, and the 3' end is at the bottom right. The bases are connected by phosphodiester bonds, forming a continuous strand. Some bases are paired with each other via hydrogen bonds, indicated by dashed lines between them.



	-3'	obs	
		exp	
	reads	mm	sample
uccauacaacaaauaaaagcaaggcugcuaaaugacuggguga <u>aaugguuugugcgcaugcg</u> uaauguguuggccacaccggguuguuguuagcgugugucaucuuugcuuuu			
uccauacaacaaauaaaagcaaggcugcuaaaugac <u>uggguga</u> aaugguuugugcgcaugcguaa <u>auguguuuggccacaccgggu</u> uguuguuagcgugugucaucuuugcuuuu			
. . . . . ((((((((((((((((((((((.((((.(.(((.(..(((.(..((((((.(...)))))).))))))))).))))...))))))).).)....)))))			
. . . . . gggugaaaaugguuugugcgcaugcg. . . . .	1	0	s52
. . . . . aaugguuugugcgcaugcg. . . . .	1	0	s52
. . . . . aaugguuugugcgcaugcg. . . . .	1	0	s52
. . . . . aauguguuuggccacaccgg. . . . .	2	0	s52
. . . . . aauguguuuggccacaccggg. . . . .	1	0	s52
. . . . . aauguguuuggccacaccggguu. . . . .	1	0	s52
. . . . . auguguuuggccacaccgg. . . . .	2	0	s52
. . . . . auguguuuggccacaccgggu. . . . .	2	0	s52
. . . . . Aguguuuggccacaccgggu. . . . .	1	1	s52
. . . . . Aguguuuggccacaccggguug. . . . .	1	1	s52
. . . . . Auguguuuggccacaccggguuu. . . . .	1	1	s52
. . . . . gaaaugguuugugcgcaugcg. . . . .	1	0	s23
. . . . . aaaugguuugugcgcaugc. . . . .	1	0	s23
. . . . . aaugguuugugcgcaugcg. . . . .	1	0	s23
. . . . . aaugguuugugcgcaugcg. . . . .	2	0	s23
. . . . . aauguguuuggccacaccgg. . . . .	4	0	s23
. . . . . aauguguuuggccacaccggAu. . . . .	1	1	s23
. . . . . auguguuuggccacaccgg. . . . .	3	0	s23
. . . . . auguguuuggccacaccggGu. . . . .	1	1	s23
. . . . . Aaccggguuguuguuagcgugugu. . . . .	2	1	s23
. . . . . aaugguuugugcgcaugcg. . . . .	1	0	s72
. . . . . aauguguuuggccacaccggguug. . . . .	1	0	s72
. . . . . auguguuuggccacaccgg. . . . .	2	0	s72
. . . . . auguguuuggccacaccggguug. . . . .	2	0	s72
. . . . . aauguguuuggccacaccgg. . . . .	1	0	s85
. . . . . auguguuuggccacaccgg. . . . .	1	0	s85
. . . . . acuggguga <u>aaugguuug</u> gc. . . . .	1	0	s35
. . . . . cuggguga <u>aaugguuug</u> gc. . . . .	1	0	s35
. . . . . aauguguuuggccacaccgg. . . . .	1	0	s35

# Star Mature

uccauacaacaauaaaagcaaggcugcuaauugacuggguga	aaugguugugcgcaugcgua	auguguuggccacacccgggu	uguuguagcgugugucaucuugcuuuu			
.....	aauguguuggccacacccgggG.....	1	1			s35
.....	aauguguuggUcacacccggguu.....	1	1			s35
.....	aauguguuggccacacccggguug.....	1	0			s35
.....	auguguuggccacacccgg.....	1	0			s35
.....	auguguuggccacacccggg.....	1	0			s35
.....	auguguuggccacacccgggu.....	6	0			s35
.....	auguguuggccacacccggguug.....	2	0			s35
.....	Aguguuggccacacccggg.....	1	1			s35
.....	Aguguuggccacacccgggu.....	1	1			s35
.....	Aguguuggccacacccggguu.....	2	1			s35
.....	Aguguuggccacacccggguug.....	2	1			s35
.....	uguguuggccacacccggguug.....	1	0			s35
.....	guguuggccacacccgggu.....	1	0			s35
.....	Acggguuguuguuagcgu.....	1	1			s35
.....	uguuagcgugugucaucuugc.....	1	0			s35
.....	aggcugcuaauugacugggu.....	1	0			s60
.....	aaugguugugcgcaugcg.....	2	0			s60
.....	aaugguugugcgcaugcgu.....	1	0			s60
.....	augguugugcgcaugcgu.....	2	0			s60
.....	aauguguuggccacacccgg.....	2	0			s60
.....	aauguguuggccacacccgA.....	1	1			s60
.....	aauguguuggccacacccggg.....	1	0			s60
.....	aauguguuggUcacacccgggu.....	2	1			s60
.....	auguguuggccacacccgg.....	2	0			s60
.....	auguguuggccacacccggg.....	1	0			s60
.....	auguguuggccacacccgggu.....	1	0			s60
.....	auguguuggccacacccggguu.....	1	0			s60
.....	aauguguuggccacacccgg.....	1	0			s09
.....	auguguuggccacacccgggu.....	1	0			s09
.....	augguugugcgcaugcguaaugAguuggc.....	1	1			s13