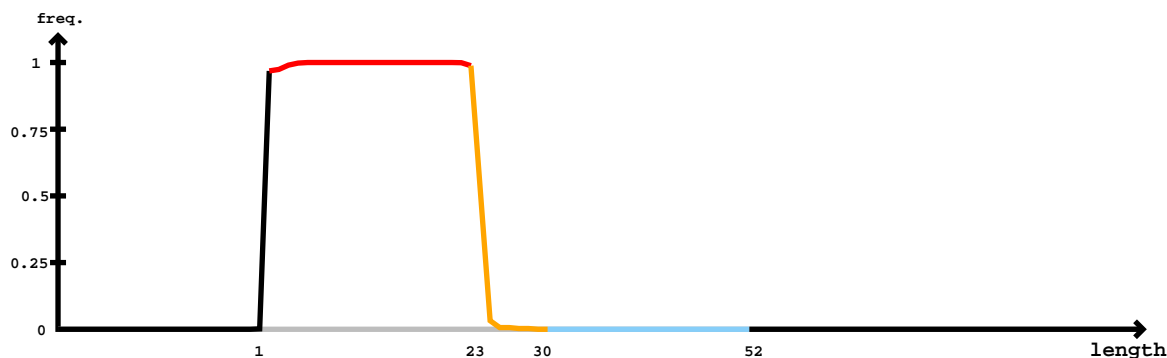


The diagram shows a single-stranded RNA molecule. The 5' end is labeled '5'' and has a red 'a' (adenine) base. The 3' end is labeled '3'' and has a blue 'g' (guanine) base. The sequence of bases is: 5' a u g u g c u u u a a c a c g g c u g u u g u a a c a a. The bases are color-coded: red for 'a', blue for 'g', and yellow for 'c'. The molecule is shown in a folded conformation with several loops and stems.



Star

	-3'	exp	
	reads	mm	sample
caacuaauccuaguaugcca <u>aauguggcuuu</u> aacacggcuguuuaaca <u>gccgugucuaaaggcacua</u> auuggcgaugcuugugaauaagggcuaaaauaaggcgaguggggaa			
. . . ((((((.( (((((((((.( ((((((((((((((((((((.)))))))).))))).)))..)))))))).))).).....			
. . . . . aauguggcuuuaaacacggcgug . . . . .	13	0	s16
. . . . . aauguggcuuuaaacacggcuA . . . . .	3	1	s16
. . . . . aauguggcuuuaaacacggcgugu . . . . .	16	0	s16
. . . . . aauguggcuuuaaacacggcgugC . . . . .	3	1	s16
. . . . . aauguggcuuuaaacacggcguguuuaU . . . . .	1	1	s16
. . . . . aauguggcuuuaaacacggcguguuuaac . . . . .	1	0	s16
. . . . . guggcuuuaaacacggcuA . . . . .	1	1	s16
. . . . . aauguggcuuuaaacacggcC . . . . .	1	1	s06
. . . . . aauguggcuuuaaacacggcu . . . . .	1	0	s06
. . . . . aauguggcuuuaaacacggcuA . . . . .	7	1	s06
. . . . . Gauguggcuuuaaacacggcgug . . . . .	1	1	s06
. . . . . aaCguggcuuuaaacacggcgug . . . . .	3	1	s06
. . . . . aauguggcuuuaaacacggcgug . . . . .	42	0	s06
. . . . . aauguggcuuuaaacacggcuU . . . . .	5	1	s06
. . . . . aaugGggcuuuaaacacggcgugu . . . . .	1	1	s06
. . . . . aauguggcuuuaaacacggcgugu . . . . .	25	0	s06
. . . . . aauguggcuuuGacacggcgugu . . . . .	1	1	s06
. . . . . aauguggcuuuaaacacggcgugA . . . . .	1	1	s06
. . . . . aauguggcuuuaaacacggcgugG . . . . .	1	1	s06
. . . . . aauguggcCuuaaacacggcgugu . . . . .	2	1	s06
. . . . . aauguggcuuuaaacacggcgugC . . . . .	2	1	s06
. . . . . Cauguggcuuuaaacacggcgugu . . . . .	1	1	s06
. . . . . aauguggcuuuaaacacggcguguu . . . . .	1	0	s06
. . . . . uguggcuuuaaacacggcgug . . . . .	1	0	s06
. . . . . aauguggcuCuuaaacacggcgug . . . . .	1	1	s03
. . . . . aauguggcuuuaaacacggcgug . . . . .	29	0	s03
. . . . . aauguggcuuuGacacggcgug . . . . .	1	1	s03
. . . . . aauguggcuuuaaacacggcuC . . . . .	2	1	s03
. . . . . aauguggcuuuaaacGcgcgug . . . . .	1	1	s03
. . . . . aauguggcCuuaaacacggcgug . . . . .	1	1	s03
. . . . . aauguggcuuuaaacacggcuA . . . . .	7	1	s03
. . . . . aauguggcuuuaaacacggcgugG . . . . .	2	1	s03

Star

.Caugugggcuuuuaaacacgggcugu. ....	1	1	s03
.aaugugggcuuuuaaacacGgggcugu. ....	1	1	s03
.aaugugggcuuuuaaacacgggcugC. ....	1	1	s03
.aaugugggcuuuuaaacacgggcugA. ....	4	1	s03
.aaugugggcuuuuaaacacgggcugu. ....	14	0	s03
.aaugugggcuuuuaaacacgggcuguu. ....	1	0	s03
.augugggcuuuuaaacacgggcuguC. ....	1	1	s03
.ugugggcuuuuaaacacgggcugu. ....	1	0	s03
.aaugugggcuuuuaaacacgggcug. ....	2	0	s15
.aaugugggcuuuuaaacacgggcuC. ....	1	1	s15
.aaugugggcuuuuaaacacgggcugu. ....	1	0	s15
.aaugugggcuuuuaaacacgggcCg. ....	1	1	s08
.aaugugggcuuuuaaacacgggcug. ....	13	0	s08
.aaugugggcuuuuaaacacgggcugu. ....	7	0	s08
.augugggcuuuuaaacacgggcug. ....	1	0	s08
.aaugugggcuuuuaaacacgggcug. ....	4	0	s04
.aaugugggcuuuuaaacacgggcuA. ....	2	1	s04
.aaugugggcuuuuaaacacgggcugu. ....	1	0	s04
.aaugugggcuuGaaacacgggcugu. ....	2	1	s04
.aaugugggcuuuuaaacacgggcU. ....	1	0	s09
.aaugugggcuuuuaaacacgggcA. ....	2	1	s09
.aaugugggcuuuuaaacacgggcug. ....	25	0	s09
.aaugugggUuuuaaacacgggcug. ....	1	1	s09
.aaugugggcuuuuaaacacgggcCg. ....	1	1	s09
.aaCgugggcuuuuaaacacgggcug. ....	1	1	s09
.aaugugggcuuuuaaacacgggcugC. ....	4	1	s09
.aaugugggcuuuuaaacacgggcugu. ....	11	0	s09
.augugggcuuuuaaacacgggU. ....	1	1	s09
.ugugggcuuuuaaacacgggcA. ....	2	1	s09
.aaugugggcuuuuaaacacgggcU. ....	2	0	s07
.Caugugggcuuuuaaacacgggcug. ....	1	1	s07
.aaugugggcuuuuaaacacgggcuC. ....	1	1	s07
.aaugCggcuuuuaaacacgggcug. ....	2	1	s07
.aaCgugggcuuuuaaacacgggcug. ....	2	1	s07
.aaugugggcuuuuaaacacGcgggcug. ....	1	1	s07
.Uaugugggcuuuuaaacacgggcug. ....	1	1	s07
.aaugugggcuuuuaaacacgggcA. ....	4	1	s07
.aaugugggcuuuuaaacacgggcug. ....	66	0	s07
.aaugugggcuuuuaaacacgggcU. ....	4	1	s07
.aaugugggcuuuuaaacacgggcCgu. ....	1	1	s07
.aaugugggcuuuuaaacacgggcugG. ....	3	1	s07
.aaugugggcuuuuaaacacgggcugC. ....	15	1	s07
.aaCgugggcuuuuaaacacgggcugu. ....	1	1	s07
.aaugugggcuuuuaaacacUgggcugu. ....	2	1	s07
.aaugugggcuuuuaaacacgggcugA. ....	3	1	s07
.aaugugggcuuuuaaacGcgggcugu. ....	1	1	s07
.aaugugggcuuuuaaacacgggcugu. ....	50	0	s07
.aaugugggcuuuuaaacacgggcGgu. ....	1	1	s07
.aaugugggUuuuaaacacgggcuguu. ....	1	1	s07
.ugugggcuuuuaaacacgggcuguu. ....	2	0	s07
.aaugugggcuuuuaaacacgggcug. ....	19	0	s05
.aaugugggcuuuuaaacacgggcU. ....	2	1	s05
.aaugugggcuuuuaaacacgggcA. ....	1	1	s05
.aaugugggcuuuuaaacacgggcugu. ....	11	0	s05
.aaugugggcuuuuaaacacgggcugC. ....	3	1	s05
.aaugugggcuuuuaaacacgggcugA. ....	4	1	s05
.aaugugggcuuuuaaacacgggcugGu. ....	2	1	s05
.augugggcuuuuaaacacgggcug. ....	1	0	s05
.aGuugugggcuuuuaaacacgggcug. ....	1	1	s18
.aaugugggcuuuuaaacacgggcug. ....	6	0	s18
.aaugugggcuuuuCaacacgggcug. ....	1	1	s18
.aaugugggcuuuuaaacacgggcU. ....	2	1	s18
.aaugugggcuuuuaaacacgggcugG. ....	1	1	s18

Star

.....aauguggcuuuaaacGcggcugu.....	1	1	s18
.....aauguggcuuuaaacacggcugu.....	13	0	s18
.....aauguggcuuuaaacacggcugA.....	1	1	s18
.....aauguggcuuuaaacacggcugC.....	6	1	s18
.....Gauguggcuuuaaacacggcugu.....	1	1	s18
.....aauguggcuuuaaacacggcuguu.....	1	0	s18
.....Caauguggcuuuaaacacggcug.....	1	1	s02
.....aauguggcuuuaaacacggcu.....	7	0	s02
.....aGuguggcuuuaaacacggcug.....	1	1	s02
.....aauguggcuuuaaacacggcug.....	111	0	s02
.....aauguggcuuuaaacUcggcug.....	1	1	s02
.....aauguggcuuuaaacacggcuA.....	6	1	s02
.....aauguggcuuuaaacacggcuC.....	1	1	s02
.....Gauguggcuuuaaacacggcug.....	1	1	s02
.....aauguggcuuuaaacacggcuU.....	6	1	s02
.....aauguggcuuuGacacggcug.....	1	1	s02
.....aauguggcuuuaaacGcggcug.....	4	1	s02
.....aaCguggcuuuaaacacggcug.....	3	1	s02
.....aauguggcuCuaaacacggcug.....	1	1	s02
.....aauguggcCuuaaacacggcugu.....	1	1	s02
.....Gauguggcuuuaaacacggcugu.....	1	1	s02
.....aauguggcuuuaaGcacggcugu.....	2	1	s02
.....aauguggcuuuaaacacggcugu.....	68	0	s02
.....aauguggcuuuaaacacggcugG.....	1	1	s02
.....aauguggcuuuaaacacggcugC.....	11	1	s02
.....aauguggcuuuaaacacggcugA.....	5	1	s02
.....aauguggcuuuaaacacggcuguA.....	5	1	s02
.....aauguggcuuuaaacacggcuguu.....	2	0	s02
.....aauguggcuuuaaacacggcuguuu.....	1	0	s02
.....uguggcuuuaaacacggcuA.....	2	1	s02
.....uguggcuuuaaacacggcug.....	8	0	s02
.....uguggcuuuaaacacggcugu.....	1	0	s02
.....guggcuuuaaacacggcugu.....	1	0	s02
.....uggcuuuaaacacggcugu.....	2	0	s02
.....aaugugAcuuuaaacacggcug.....	1	1	s11
.....aauguggcuuuaaacacggcug.....	5	0	s11
.....aauguggcuuuaaacacggcuA.....	1	1	s11
.....aauguggcuuuaaacacggcugu.....	2	0	s11
.....aauguggcuuuaaacacggcuU.....	1	1	s01
.....aauguggcuuuaaacGcggcug.....	1	1	s01
.....aauguggcuuuaaacacggcug.....	11	0	s01
.....aauguggcuuuaaacacggcugC.....	1	1	s01
.....guggcuuuaaacacggcug.....	2	0	s01
.....aauguggcuuuaaacacggcuA.....	1	1	s17
.....aauguggcCuuaaacacggcug.....	1	1	s17
.....aauguggcuuuaaacacggcug.....	8	0	s17
.....aauguggcuuuaaacacggcugC.....	2	1	s17
.....aauguggcuuuaaacacggcCgu.....	1	1	s17
.....aauguggcuuuaaacacggcugu.....	3	0	s17
.....Caauguggcuuuaaacacggcug.....	1	1	s10
.....aauguggcuuuaaacacggcug.....	104	0	s10
.....aaCguggcuuuaaacacggcug.....	1	1	s10
.....Uauguggcuuuaaacacggcug.....	2	1	s10
.....Cauguggcuuuaaacacggcug.....	1	1	s10
.....aaUauggcuuuaaacacggcug.....	3	1	s10
.....aauguggcuuuaaacacggcuU.....	1	1	s10
.....aauguggcuuuaaacacggcuA.....	13	1	s10
.....aauguggcuuuaaacGcggcug.....	1	1	s10
.....aauguggcuuuaaacaUggcug.....	1	1	s10
.....aauguggcuuuaaGcacggcug.....	1	1	s10
.....aauguggcuuuaaacacggcugC.....	6	1	s10
.....aauguggcuuuaaacacggcugu.....	50	0	s10
.....aauguggcuuuaaacacggcuguC.....	1	1	s10
.....aauguggcuuuaaacacggcuguu.....	6	0	s10
.....aauguggcuuuaaacacggcuguuaUc.....	2	1	s10

## Mature

## Star

caacuaauuccuaguaugccaaaauguggcuuuuaaacacggcguguuuuaacagccgugucuaaaggcacuaauuggcaugcuugugaauaaaaggcuaaaaaaggcaguggggaa

.....aauguggcuuuuaaacacggcu.....	1	0	s19
.....aauguggcuuuuGacacggcgug.....	1	1	s19
.....aauguggcuuuuaGcacggcgug.....	2	1	s19
.....aauguggcuuuuaaacacggcgug.....	32	0	s19
.....aaugugUcuuuuaaacacggcgug.....	1	1	s19
.....aauguggcuuuuaaacacggcuA.....	2	1	s19
.....aauguggcuuuuaaacacggcgugC.....	2	1	s19
.....aauguggcuuuuaaacacggcgugA.....	5	1	s19
.....aauguaGcuuuuaaacacggcgugu.....	4	1	s19
.....aauguggcuuuuaaacacggcgugG.....	3	1	s19
.....aauguggcuuuuaaacacggcgugu.....	25	0	s19
.....aaugCggcuuuuaaacacggcgugu.....	1	1	s19
.....auguggcuuuuaaacacggcgug.....	1	0	s19
.....uguggcuuuuaaacacggcgug.....	2	0	s19
.....uggcuuuuaaacacggcgugu.....	1	0	s19
.....aauguggcuuuuaaacacggcuA.....	2	1	s14
.....aauguggcuuuuaaacacggcgug.....	6	0	s14
.....aauguggcuuuuaaacacggcgugC.....	1	1	s14
.....aauguggcuuuuaaacacggcgugA.....	1	1	s14
.....aauguggcuuuuaaacacggcgugu.....	8	0	s14
.....uguggcuuuuaaacacggcgug.....	1	0	s14
.....guggcuuuuaaacacggcgug.....	1	0	s14
.....aauguggcuuuuaaacacggcgC.....	1	1	s12
.....aauguggcuuuuaaacacggcu.....	2	0	s12
.....Gauguggcuuuuaaacacggcgug.....	1	1	s12
.....aauguggcuuuuaaacacggcuA.....	8	1	s12
.....aauguggcuuuuaaacacggcuU.....	2	1	s12
.....aauguggAuuuaaacacggcgug.....	1	1	s12
.....aauguggcuuuuaaaGacggcgug.....	1	1	s12
.....aaCguggcuuuuaaacacggcgug.....	1	1	s12
.....aauguggcuuuuaaacacggcuC.....	1	1	s12
.....aauguggcuuuuaaacGcggcgug.....	2	1	s12
.....aauguggcuuuuaaacacggcgCg.....	1	1	s12
.....aauguggcuuuuaaacacggcgGg.....	1	1	s12
.....aauguggcuuuuaUcacggcgug.....	1	1	s12
.....aauguggcuuuuaaacacggcgug.....	97	0	s12
.....aauguggcuuuuaaacaGggcgug.....	1	1	s12
.....aauguggcuuuuaaacacggUugu.....	1	1	s12
.....aauguggcuuuuaaacacggcuAu.....	1	1	s12
.....aauguggcuuuuaaacacggcgugC.....	14	1	s12
.....aauguggcuuuuaaCcacggcgugu.....	3	1	s12
.....aauguggcuuuGaacacggcgugu.....	1	1	s12
.....aauguggcuuuuaaacacggcgugu.....	88	0	s12
.....aaCguggcuuuuaaacacggcgugu.....	2	1	s12
.....aaugCggcuuuuaaacacggcgugu.....	2	1	s12
.....aauguggcuGuaaacacggcgugu.....	1	1	s12
.....aauguggcuuuuaaacacggcgugA.....	3	1	s12
.....aauguggcuuuuaaacacggcgugG.....	2	1	s12
.....aauguggcuuuuaaacacggcgugC.....	1	1	s12
.....aauguggcuuuuaaacacggcguguu.....	4	0	s12
.....aauguggcuuuuaaacacggcgugA.....	3	1	s12
.....aauguggcuuuuaaacacggcguguuu.....	3	0	s12
.....auguggcuuuuaaacacggcgugu.....	3	0	s12
.....guggcuuuuaaacacggcgug.....	1	0	s12
.....aauguggcuuuuaaacacggcgug.....	25	0	s13
.....aauguggcuuuuaaacacggcuA.....	3	1	s13
.....aauguggcuuuuaaGcacggcgug.....	1	1	s13
.....aauguggcuuuuaaacacggcgCgu.....	1	1	s13
.....aauguggcuAuaaacacggcgugu.....	1	1	s13
.....aauguggcuuuuaaacacggcgugu.....	12	0	s13
.....aauguggcuuuuaaacacggcgugC.....	1	1	s13
.....aauguggcuuuuaaacacggcgugA.....	2	1	s13
.....aauguggcuuuuaaacacggcguguuU.....	1	1	s13
.....uguggcuuuuaaacacggcgug.....	1	0	s13
.....uguggcuuuuaaacacggcgugC.....	2	1	s13
.....guggcuuuuaaacacggcgug.....	1	0	s13

Mature

Star

caacuaauccuagugccaaaugggcuuuaaacacggcuguuuaacagccgugucuaaagggcacuauuggcaugcuugugaauaaaggcuaaaaaaggcaguggggaa  
.....guggcuuuaaacacggcugu.....