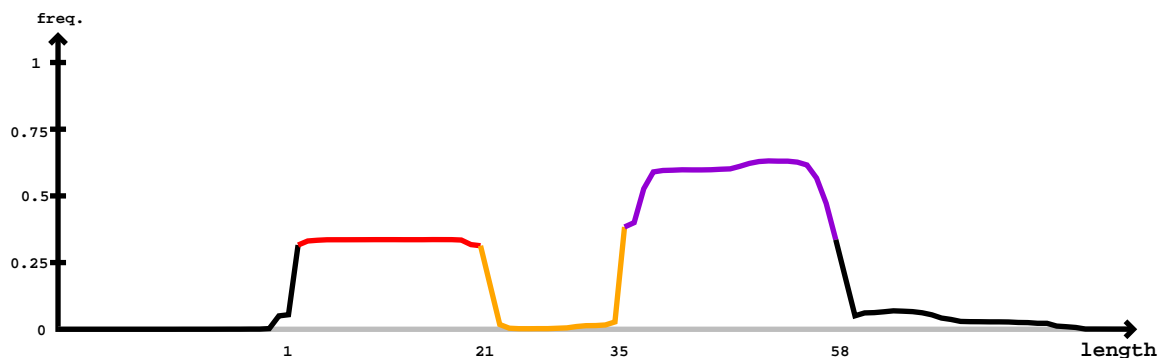


The diagram shows a linear RNA molecule. The 5' end is capped with a 7-methylguanosine (m7G) cap, represented by a green circle with 'm7G' and a red 'P' (phosphate) group. The 3' end has a poly-A tail, represented by a series of orange 'A' (adenine) bases. The RNA sequence is shown as a single strand with bases colored by type: C (green), G (red), U (blue), and A (orange). The sequence is: 5'-m7G-C-A-G-U-C-A-G-U-A-C-G-U-C-G-U-G-U-U-A-C-G-U-C-C-A-C-A-A-U-G-C-U-C-U-U-U-A-A-A-A-3'.



Star

5' -	-3'	obs	
		exp	
	reads	mm	sample
auguuacacagcgagcauuugugcagucagucgucguguuacgucguguuucccguaacacgacgucagucagucgagugcucgucguguaacauuacauuacaug			
auguuacacagcgagcauuugugcagucagucgucguguuacgucguguuucccguaacacgacgucagucagucgagugcucgucguguaacauuacauuacaug			
(((			
.....cagucagucgucguguuac.....	3	0	A64
.....uUacacgacgucagucagucgca.....	1	1	A64
.....uaacacgacgucagucagucgacg.....	2	0	A64
.....aacacgacgucagucagucgacg.....	1	0	A64
.....cacgacgucagucagucgacg.....	1	0	A64
.....cugacugcagcagugcucgc.....	1	0	A64
.....gugcagucagucgucgug.....	1	0	T71
.....ugcagucagucgucguguuac.....	1	0	T71
.....cagucagucgucguguuac.....	5	0	T71
.....cagucagucgucguguuacg.....	1	0	T71
.....cGgucagucgucguguuacgu.....	1	1	T71
.....guaacacgacgucagucguc.....	1	0	T71
.....uaacacgacgucagucguc.....	4	0	T71
.....uaacacgacgucagucguc.....	1	1	T71
.....uaacacgacgucgucagucgca.....	1	1	T71
.....uaacacgacgucagucgucgca.....	1	0	T71
.....uaacacgacgucagucgucU.....	1	1	T71
.....Caacacgacgucagucgucac.....	1	1	T71
.....uaacacgUgucagucgucac.....	1	1	T71
.....uaacacgacgucagucgucac.....	3	0	T71
.....uaacacgacgucagucgucacg.....	5	0	T71
.....Caacacgacgucagucgucacg.....	1	1	T71
.....uaacacgacgucagucgucacg.....	1	1	T71
.....acacgacgucgucagucgca.....	1	1	T71
.....acacgacgucagucgucac.....	2	1	T71
.....acacgacgucagucgucacg.....	2	0	T71
.....acacgacgucagucgucacA.....	1	1	T71
.....acacgacgucagucgucacga.....	1	0	T71
.....cacgacgucagucgucacg.....	1	0	T71
.....cgacgucagucgucacgaAagcucgucguguaaca.....	1	1	T71
.....gacgucagucgucacgaAagcucgucg.....	1	1	T71
.....uacugacgucagucguc.....	1	0	T71

## Mature

## Star

auguuacacagcagcagcauuugugcagucagucagucguguuacgucguguuucccguaacacgacgucagucagucgagucgucguguaacauuacauuacaug

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.....ugacugcagcagagucucgc.....	1	0	T71
.....gacugcagcagagUucgcug.....	1	1	T71
.....ugcucgcuguguaacauuac.....	1	0	T71
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.....caUucagucagucguguuacg.....	1	1	H34
.....cagucagucagucguguuacg.....	2	0	H34
.....uccccguaacaUgacguacugacugcacga.....	1	1	H34
.....ccguaacacgacguacugacu.....	1	0	H34
.....guaacacgacguacugacug.....	1	0	H34
.....Aaacacgacguacugacugc.....	1	1	H34
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.....uaacacgacguacugacugcac.....	1	0	H34
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.....gcucgcuguguaacauuacau.....	2	0	H34
.....ucgcuguguaacauuacauu.....	1	0	H34
.....guguaacauuacauuacaug.....	1	0	H34
.....ugcagucagucagucguguu.....	1	0	H71
.....ugcagucaguaUgucguguu.....	1	1	H71
.....ugcagucagucagucguguuac.....	3	0	H71
.....ugcagucagucagucguguuacgG.....	1	1	H71
.....gcagucagucagucguguuac.....	1	0	H71
.....cagucagucagucguguu.....	1	0	H71
.....cagucagucagucguguuac.....	15	0	H71
.....cagucagucagucguguuacg.....	6	0	H71
.....cagucagucagucguguuacgu.....	1	0	H71
.....cGgucagucagucguguuacgu.....	1	1	H71
.....ucagucagucguguuacguc.....	1	0	H71
.....uacgucguguuGcgcugcug.....	1	1	H71
.....ccccguaacGcgacguacugacugcac.....	1	1	H71
.....uaacacgacguacugacugc.....	2	0	H71
.....uaacacgacguacugacugca.....	4	0	H71
.....uaacacgacguGcugacugca.....	1	1	H71
.....uaacacgacguacugacugcU.....	1	1	H71
.....uaUcacgacguacugacugcac.....	1	1	H71
.....uaacacgacguacugacugcac.....	6	0	H71
.....uaacacgacguGcugacugcac.....	1	1	H71
.....Caacacgacguacugacugcacg.....	1	1	H71
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.....uaacacgacguacugacugcacg.....	22	0	H71
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.....uaacacgacguacugacugcacU.....	1	1	H71
.....uaacacgacguacugacugcacgU.....	3	1	H71
.....uaacacgacguacugacugcacga.....	1	0	H71
.....aacacgacguacugacugca.....	1	0	H71
.....acacgacguacugacugcac.....	4	0	H71
.....acacgacguacugacugcacg.....	6	0	H71
.....acacgacguacugacugcacU.....	1	1	H71
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.....cacgacguacugacugcacg.....	4	0	H71
.....acgacguacugacugcacga.....	2	0	H71
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.....gacugcacgagugUucgcug.....	1	1	H71
.....cgagugUucgcuguguaaca.....	1	1	H71
.....ugcucgcuguguaacauuac.....	1	0	H71

## Mature

## Star

auguuacacagcgagcauuugugcagucagucgucguguuacgucguguuuucccguaacacgacguacugacugcagagucgucguguaacauuacauuacaug

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.....ugcagucagucgucguguu.....	4	0	A02
.....ugcagucagucgucguguuac.....	4	0	A02
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.....cagucagucgucguguuac.....	70	0	A02
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.....guaacacgacguacugacugca.....	1	0	A02
.....guaacacgacguacugacugcC.....	1	1	A02
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.....uaacacgacguacugacugc.....	34	0	A02
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.....uaacacgacguacugacugcacg.....	84	0	A02
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.....uacugacugcacgagugcucg.....	1	0	A02
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.....agugUucgucguguaacauu.....	1	1	A02
.....ugcucgucguguaacauuac.....	4	0	A02
.....cucgucguguaacauuacau.....	2	0	A02
.....cucgucguguaacauuacauA.....	1	1	A02
.....guguaacauuacauuacaug.....	1	0	A02
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.....cagucagucgucguguuacg.....	4	0	B11
.....gucagucgucguguuacgu.....	1	0	B11
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.....uaacacgacguacugacugc.....	1	0	B11
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.....uaacacgacguacugacugcacg.....	5	0	B11
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.....acacgacguacugacugcacga.....	1	0	B11
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.....acugcacgagugcucgcu.....	1	0	B11
.....uAcucgucguguaacauuac.....	1	1	B11
.....ugcagucagucgucgugu.....	1	0	E01

## Mature

## Star

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.....cagucagucgucguguuac.....	6	0	E01
.....cagucagucgucguguuacg.....	1	0	E01
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.....uaaacacgacguacugacugca.....	6	0	E01
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.....agucagucgucguguuacg.....	3	0	E13
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.....ccccguaacacgacguacuga.....	1	0	E13
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.....uaaacacgacguacugacugc.....	7	0	E13
.....uaaacacgacguacugacugUa.....	2	1	E13
.....uaaacacgacguacugacugca.....	6	0	E13
.....uaaacacgacguacuAacugca.....	1	1	E13
.....uaaacacgacguacugacugcac.....	10	0	E13
.....uaaacacgacguacugacugcacg.....	29	0	E13
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.....uaaacacgacguacugacugcacgU.....	2	1	E13
.....aacacgacguacugacugca.....	2	0	E13
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.....acacgacguacugacugca.....	6	0	E13
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.....acacgacguacugacugcac.....	18	0	E13
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.....cucgcuguguaacauuacau.....	1	0	E13
.....cagucagucgucguguuac.....	6	0	A44
.....cagucagucgucguguuacg.....	1	0	A44
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.....uaaacacgacguacugacugc.....	7	0	A44
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.....uaaacacgacguacugacugca.....	1	0	A44
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## Mature

## Star

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.....aaacacgacguGcugacugca.....	1	1	A44
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.....guacugacugcGcgagugcu.....	1	1	A44
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.....uaacacgacgucgucgucgucgacg.....	8	0	A01
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.....ugcagucagucgucgucguguuacg.....	1	0	B14
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.....ucccguaacacgacgucgucgucgucgU.....	1	1	B14
.....uaacacgacgucgucgucgucg.....	2	0	B14
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.....cacgacgucgucgucgucgacg.....	1	0	B14
.....gacgucgucgucgucgacgaUugcucgcu.....	1	1	B14
.....ugcagucagucgucgucguguu.....	1	0	E73
.....ugcagucagucgucgucguguuac.....	5	0	E73
.....ugcagucagucgucgucguguuacgu.....	1	0	E73
.....cagucagucgucgucgucgucgac.....	1	1	E73
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.....cagucagucgucgucguguuacg.....	7	0	E73
.....caUucagucgucgucguguuacg.....	1	1	E73
.....cagucagucgucgucguguuacgu.....	1	0	E73
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.....agucagucgucgucguguuacgA.....	1	1	E73
.....gucagucgucgucguguuacgu.....	1	0	E73
.....guuucccguaacAUgacgu.....	1	1	E73
.....guaacacgacgucgucgucgucg.....	1	0	E73
.....uaacacgacgucgucgucgucg.....	2	1	E73
.....uaacacgacgucgucgucgucg.....	2	0	E73
.....uaacacgacgucgucgucgucg.....	3	0	E73

## Mature

## Star

auguuacacagcgagcauuugugcagucagucgucguguuacgucguguuuucccguaacacgacguacugacugcagagugcugcuguguaacauuacauuacaug			
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.....uaacacgacguacugacugca.....	5	0	E73
.....uaacacgacguacugacugcac.....	6	0	E73
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.....Caacacgacguacugacugcacg.....	4	1	E73
.....uaacacgacguacugacugcacgU.....	1	1	E73
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## Mature

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## Mature

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## Mature

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## Mature

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## Mature

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## Mature

## Star

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## Mature

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## Mature

## Star

auguuacacagcgagcauuugugcagucagucgucguguuacgucguguuucccguaacacgacguacugacugcacgagugcucgcuguguaacauuacauuacaug			
.....uaacacgacguacugacugUacg.....	1	1	H03
.....uaacacgacguacugacugcacgU.....	1	1	H03
.....uaacacgacguacugacugcacga.....	2	0	H03
.....aacacgacguGcugacugca.....	1	1	H03
.....aacacgacguacugacugca.....	1	0	H03
.....aacacgacguacugacugcacg.....	2	0	H03
.....aacacgacguacugacugcacgU.....	1	1	H03
.....acacgacguacugacugca.....	7	0	H03
.....acacgacguGcugacugca.....	1	1	H03
.....acacgacguacugacugcac.....	43	0	H03
.....acacgacguGcugacugcac.....	1	1	H03
.....acacgacguacugacugcacg.....	3	0	H03
.....acacgacguacugacugcacU.....	6	1	H03
.....acacgacguacugacugcacA.....	1	1	H03
.....acacgacguacugacugcacga.....	4	0	H03
.....acacgacguacugacugcacgaUu.....	2	1	H03
.....acacgacguacugacugcacgaAug.....	1	1	H03
.....cacgacguacugacugcacg.....	23	0	H03
.....caAgacguacugacugcacg.....	2	1	H03
.....cacgacguacugacugcacga.....	1	0	H03
.....acgacguacugacugcacga.....	1	0	H03
.....cgacguacugacugcacgaAugc.....	1	1	H03
.....gacguacugacugcacgaAugcucgcu.....	1	1	H03
.....guacugacugcacgagugcu.....	1	0	H03
.....uacugacugcacgagugcuc.....	1	0	H03
.....uacugacugcacgagugcucg.....	1	0	H03
.....cugacugcacgagugcucgc.....	5	0	H03
.....cugacugcacgagugcucgcu.....	1	0	H03
.....ugacugcGcgagugcucgcu.....	1	1	H03
.....ugacugcacgagugcucgcu.....	3	0	H03
.....gacugcacgagugcucgcug.....	2	0	H03
.....gacugcacgagugcucgcugu.....	1	0	H03
.....cugcacgagugcucgcugug.....	1	0	H03
.....agugcucgcuguguaacauu.....	2	0	H03
.....ugcucgcuguguaacauuac.....	1	0	H03
.....ucgcuguguaacauuacauu.....	1	0	H03
.....ucgcuguguaacauuGcauu.....	1	1	H03