

The diagram shows a single-stranded RNA molecule. The 5' end is capped with a blue 'm' (methyl group). The 3' end has a poly-A tail, represented by a red 'a' followed by a red 'a' and a red 'a' in a circle. The main body of the RNA is a single strand of nucleotides, represented by a blue line with letters 'g', 'a', 'c', 'u' indicating the bases. The strand is shown in a slightly curved path, with the 5' end on the left and the 3' end on the right.



5'-	acaaaaucgggucugaagccgaucacucgcuuuuugggagaaacaguc <u>aa</u> gu <u>g</u> uagggcccccucuuaaaau <u>g</u> acuguuucuccacaaaagguggucagggucaagaccgauu	-3'	exp	
	...(((((((((((..(((((((((((..(((((((((((((((((((..((((..))))..))))))))))))))))))))))))))))))))))))))))))	reads	mm	sample
	.....ugacuguuucuccacaaaGg.....	3	1	s07
	.....ugacuguuucuccacaaaag.....	1	0	s13
	.....ucAcaaaaaguggucaggu.....	1	1	s09
	.....ugacuguuucuccacaaaGg.....	1	1	s14
	.....ugacuguuucuccacaaaag.....	1	0	s19
	.....ugacuguuucuccacaaaagu.....	1	0	s19
	.....ugacuguuucuccGcaaaaag.....	1	1	s02
	.....ugacuguuucuccacaaaag.....	3	0	s02
	.....ugacuguuucuccacaaaGg.....	1	1	s02