

The diagram shows a linear RNA molecule. The 5' end is capped with a red 'A' (adenine). The 3' end has a poly-A tail, represented by a series of red 'A's. The RNA sequence is shown as a single strand with bases A, U, G, C, and U. The bases are color-coded: A is red, U is blue, G is green, and C is orange. The sequence is: 5' A A G G U G A U G C U C U U C A A A G 3'.



5'-	uuuuuuuuuuuuuuaucauc aaggugaugcucuuaaagccucaacacc uuugaagagcaucccuugu <u>g</u> auaaaaaa aaaaga aaaaaacauuuuuuuagacu	-3'	exp		
	...((((((((((((((((((((((((((((((((((((((.....))))))))))))))).....		reads	mm	sample
aaggugaugcucuuaaagc.....		1	0	seq