

A diagram of a single-stranded RNA molecule. The sequence of bases from left to right is: A, C, U, G, G, A, U, U, U, A, U, U, U, A, U, U, G, A, C, U, G, G, A, C, A, G, A, A, U, U, U, U, U. The bases are color-coded: Adenine (A) is red, Cytosine (C) is blue, Guanine (G) is green, and Uracil (U) is orange. Base pairs are indicated by lines connecting complementary bases: A-U, C-G, and G-C. The 3' end is labeled '3'' and the 5' end is labeled '5'.



5'	aagaccuuggguaguccuggggaagacuaauuggaagauuuuu <u>ggaauuuuuuau</u> gaccuuucuuuu <u>aaagacaggucaguaaaaauaucucaa</u> aaauguuuuccaaaauu	-3'	exp
	.....(((((((.....))))))......(((((((((((((((((((((((((((((((((((.(((.....))))).)))))))))..)))))))))..)))))).....	reads	mm sample
	.....acaggucaguaaaauaucA.....	1	1 seq
	.....acaggucaguaaaauaucU.....	1	0 seq
	.....acaggucaguaaaauaucAu.....	1	1 seq
	.....acaggucaguaaaauaucUA.....	3	1 seq
	.....acaggucaguaaaauaucuuc.....	3	0 seq
	.....acaggucaguaaaauaucuUC.....	1	1 seq
	.....acaggucaguaaaauaucuUCA.....	2	0 seq
	.....acaggucaguaaaauaucuUCAA.....	5	0 seq
	.....acaggucaguaaaauaucuUcaAT.....	1	1 seq