

The diagram illustrates the cloverleaf secondary structure of an RNA molecule. The sequence of nucleotides, starting from the 5' end and proceeding clockwise, is: U, A, G, U, G, U, U, A, C, G, U, C, A, A, C, C, A, A, G, A. The structure features several base-paired regions: a stem at the top right (U-A, C-G, G-C), a large internal loop containing unpaired nucleotides U, G, U, U, A, G, U, and a bottom stem (A-U, C-G, A-U, C-G). The 5' and 3' ends are explicitly labeled.



3'

5'-	aaagguagcccaaucaucagacaaaucgucucucauauuuucucgau	uaaaca	aaucggagucccgcu	uagggau	cguccg	gauuuuguga	aaccauucg	uaagauuuuaga	-3'	obs		
	aaagguagcccaaucaucagacaaaucgucucucauauuuucucgau	uaaaca	aaucggagucccgcu	uagggau	cguccg	gauuuuguga	aaccauucg	uaagauuuuaga		exp		
	..(((..(((.....(((.....)))).....((((((((((((.....)))).....)))))))))))).((.....)).....									reads	mm	sample
	.....uaaaca									1	0	seq
	.....uaaaca									2	1	seq
	.....uagggau									1	0	seq
	.....uagggau									2	0	seq