

The diagram shows a single-stranded RNA molecule with the sequence (from 5' to 3'): UGGGAU GAGGCUUCUAAGUUCAUCUUGAUAU. The bases are color-coded: blue for A, red for U, green for G, and yellow for C. Pairs of complementary bases (A-U, U-A, G-C, C-G) are connected by horizontal lines, indicating they form Watson-Crick base pairs. The molecule starts at the 5' end and ends at the 3' end.



5'	3'	exp	reads	mm	sample
uuugcgaauccaccgcuuaaaacugcgauaaaucg <u>uggaugaacgacgcuuucacuu</u> <u>gaugaugagucaag</u> <u>augaacaugucgcaucaucacga</u> uuucugguugaccacc					
...(((.(.(((.....)))..(((((((((((((((.((((((((((...)))))))))))).))))).)))))))).))....					
.....augaacaugucgcaucaucacA.....			1	1	seq