

The diagram illustrates a segment of a DNA double helix. The top strand runs from 5' to 3' (left to right) and contains the sequence: u, u, u, c, c, a, a, a, u, u, a, a, a, g, c, u, c, g, u, a, u, a, a. The bottom strand runs from 3' to 5' (left to right) and contains the complementary sequence: a, a, a, g, g, u, u, a, a, u, u, u, c, g, a, g, c, a, u, a, u, u, a. Base pairs are connected by vertical lines: u-a, u-a, u-a, c-g, c-g, a-u, a-u, a-u, u-a, u-a, a-u, a-u, g-c, c-g, u-a, c-g, g-c, u-a, a-u, a-u, a-u.



5'		3'	exp			
ccaugc	gaugacauacacccu	aaauuagggu	uagcgug	uuuccaaa	uuuaagc	gcuauaauuuuaggaacaggcaucaaggaaca
	.....((((.....)))(.....((.....)))))))))))))))))))))))))).....					reads
	.....uacgagc	uuuuuuuaggaacU				mm
						sample
						seq