

A diagram of a DNA double helix. The top strand is labeled 5' on the left and has the sequence: U, C, C, G, U, G, C, C, U, G, C, G, U, U, U, U, C, U, C, G, U, U, G. The bottom strand is labeled 3' on the left and has the sequence: A, G, G, G, A, C, C, G, A, C, G, G, A, A, A, G, G, A, C, A, G, U. A segment of the double helix, from the 5th to the 21st base pair, is highlighted in red. This segment contains the sequence 5'-U G C C U G C G U U U U C U C G-3' on the top strand and its complement 3'-A C C G A C G G A A A G G A C-5' on the bottom strand.



5'-	ucuccugcccgccguguuuuucuccuuu	gugauuuuau	gagaa	caaggaggagaaa	aggcaggcca	ggga	3'	exp
	(((((((( (((((((((((((((((((((( ((...))))) )))))))))))))))))))	reads	mm	sample				
...	ugcccgccguguuuuucuccu.	12	0	seq				
...	ugcccgccguguuuuucuccu.	1	1	seq				
...	ugcccgccguguuuuucuccu.	5	0	seq				
...	ugcccgccguguuuuucuccuu.	3	0	seq				
...	ugcccgccguguuuuucuccuu	1	0	seq				
.....	cccgccguguuuuucuccuu	1	1	seq				
.....	cccgccguguuuuucuccuu	1	0	seq				