



5'-	uuucggccgggagaaaccgua <u>uuaggaaaaacugugcccagg</u> ucucgagaca <u>gagggcacaguuuuucccaaua</u> cggaccgaccuaaaauucuauuuuuagaagguaggagaa	-3'	exp
	..(((((((.....))(((((((((((((((((((...(((.....)))...)))))))))))))))))).))))).)))(.((((((.....))))).))))....		reads
uuGggaaaaaacugugcccagg.....	5	mm 1
uuaggaaaaaacugugcccagg.....	4	sample seq 0 seq