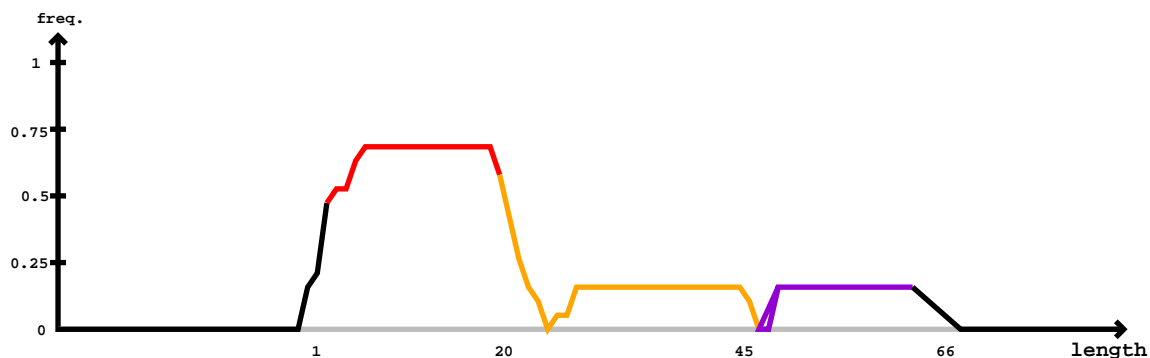


A diagram of a DNA molecule. The backbone is shown as a series of circles connected by lines. The bases are represented by letters: G (green), A (purple), C (blue), and T (orange). The molecule has a 3' end on the left and a 5' end on the right. A loop of 6 bases (U-U-C-G-G-C) is formed by the top strand. A bulge of 3 bases (U-A-G) is present in the bottom strand. The sequence of the top strand is G-A-C-G-G-C-U-U-C-G-G-C-U-A-G-U-U-C-G-G-C. The sequence of the bottom strand is G-A-C-G-G-C-U-U-C-G-G-C-U-A-G-U-U-C-G-G-C.



Star

5'	ggcuucaucagccucgucauagccug <u>uuccaggcg</u> uucgguuaguuggguucuucgcgccgcgcucuccaa <u>cuaucg</u> aacgcccuggaacaggccagccucgucagugcag-3'	obs		
	ggcuucaucagccucgucauagccug <u>uuccaggcg</u> uucgguuaguuggguucuucgcgccgcgcucuccaa <u>cuaucg</u> aacgcccuggaacaggccagccucgucagugcag	exp		
	(((((.....)))).....((((((((((((((((((((((((((((.....)))))))).)))))))))..((((.....)).))..	reads	mm	sample
	.....uucgUgccgcguucccaacu.....	1	1	s10
	.....caggcg <u>uucgguuagu</u> uggg.....	2	0	s01
	.....ccgaacgccuggaacagg.....	1	0	s01
	.....uucgUgccgcguucccaacu.....	1	1	s17
	.....uguuccaggcg <u>uucgguuagu</u>	1	0	s09
	.....uuccaggcg <u>uucgguu</u> Cg.....	1	1	s07
	.....uguuccaggU <u>uucgguuagu</u>	1	1	s13
	.....uuccaggcg <u>uucgguuagu</u>	2	0	s13
	.....uuccaggcg <u>uucgguuagu</u> C.....	1	1	s13
	.....aggcg <u>uucgguuagu</u> gA.....	1	1	s13
	.....uc <u>uucgU</u> gccgcguucccaac.....	1	1	s13
	.....ccgaacgccuggaacagg.....	2	0	s13
	.....uguuccaggcg <u>uucgguuag</u>	1	0	s08
	.....guuccaggcg <u>uucgguuagu</u> g.....	1	0	s18
	.....uuccaggcg <u>uucgguuag</u> A.....	1	1	s02
	.....uccaggcg <u>uucgguuagu</u> g.....	1	0	s02