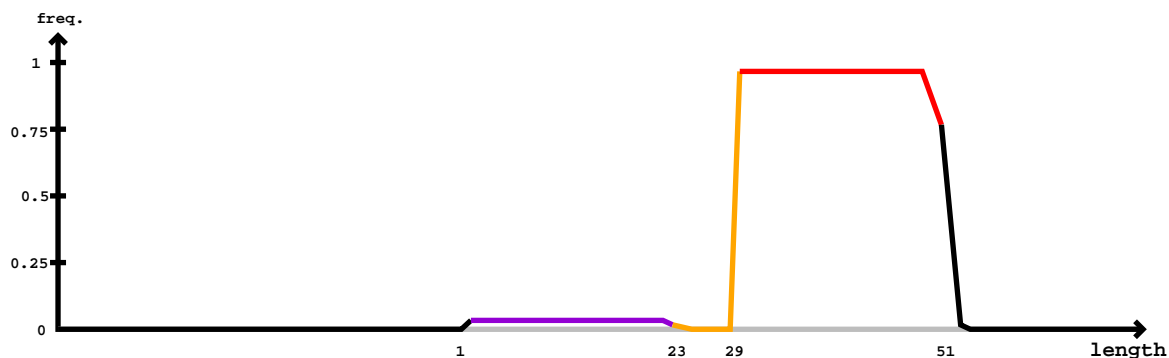


The diagram illustrates a segment of a DNA double helix. Two antiparallel strands are shown, connected by hydrogen bonds represented as horizontal bars between complementary bases. The left strand runs from 5' at the top to 3' at the bottom, with bases U, C, G, A, C, A, A, C, U, A, G, G, G, U, C. The right strand runs from 3' at the top to 5' at the bottom, with bases A, A, G, A, G, C, A, A, C, U, A, G, A, G, G, U, C. The bases are color-coded: purines (A, G) are red and pyrimidines (U, C) are purple.



Star Mature

5'-	ucgcuugcugggugagagcaggcgugguau	cgagaa	cucucuccuuugaccucucagagacucucgcgcugggagaa	uucaaacgagaaga	aaguacucguuu	aaagagc	-3'	obs
	ucgcuugcugggugagagcaggcgugguau	cgagaa	cucucuccuuugaccucucagagacucucgcgcugggagaa	uucaaacgagaaga	aaguacucguuu	aaagagc		exp
	((((((((.....)))))))).(((.(((.(((((((((((((.(.((((((.(.....))))))))).))))).)))))))).))))).)))).....						reads	mm
	.....uucuccuuugaccucuccaga.....						1	0
	.....uucuccuuugaccucuccagUc.....						1	1
	.....ccuggagaa						6	0
	.....ccuggagaa						6	0
	.....ccuggagaa						8	1
	.....ccuggagaa						30	0
	.....ccuggagaa						2	1
	.....ccuggagU						1	1
	.....ccuggagaa						2	0
	.....ccuggagaa						1	1
	.....ccuggagaa						1	1
	.....ccuggagaa						1	0