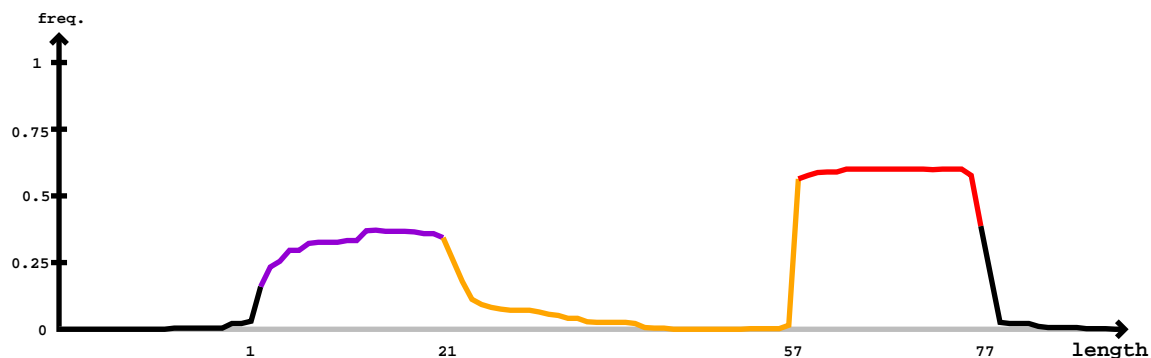


The diagram illustrates a section of a DNA molecule. Two sugar-phosphate backbones are shown as wavy lines, oriented antiparallelly. The left strand runs from 5' at the top to 3' at the bottom, while the right strand runs from 3' at the top to 5' at the bottom. Nitrogenous bases are represented by colored rectangles: red for Adenine (A), blue for Thymine (T), green for Guanine (G), and orange for Cytosine (C). The bases are connected to their respective sugars by horizontal lines representing hydrogen bonds. The sequence of bases on the left strand (top to bottom) is U-A-U-C-A-G-U-C-G-C. The sequence of bases on the right strand (top to bottom) is A-T-A-A-G-C-G-G-A. The pairs (U-A), (A-T), (U-A), (C-G), (A-T), (G-C), (U-A), (C-G), (G-C), and (C-G) are connected by horizontal lines.



Mature

5' -	-3'	obs	
		exp	
	reads	mm	sample
uuuaucaaggccaaaguuucuguuuauucugccgaagccgaagggcugagggcggaugagcaga	2	0	s08
uuuaucaaggccaaaguuucuguuuauucugccgaagccgaagggcugagggcggaugagcaga	1	0	s08
uuuaucaaggccaaaguuucuguuuauucugccgaagccgaagggcugagggcggaugagcaga	1	1	s08
uuuaucaaggccaaaguuucuguuuauucugccgaagccgaagggcugagggcggaugagcaga	1	0	s08
uuuaucaaggccaaaguuucuguuuauucugccgaagccgaagggcugagggcggaugagcaga	1	0	s08
uuuaucaaggccaaaguuucuguuuauucugccgaagccgaagggcugagggcggaugagcaga	1	1	s08
uuuaucaaggccaaaguuucuguuuauucugccgaagccgaagggcugagggcggaugagcaga	1	0	s08
uuuaucaaggccaaaguuucuguuuauucugccgaagccgaagggcugagggcggaugagcaga	1	0	s09
uuuaucaaggccaaaguuucuguuuauucugccgaagccgaagggcugagggcggaugagcaga	1	1	s09
uuuaucaaggccaaaguuucuguuuauucugccgaagccgaagggcugagggcggaugagcaga	1	0	s09
uuuaucaaggccaaaguuucuguuuauucugccgaagccgaagggcugagggcggaugagcaga	1	0	s07
uuuaucaaggccaaaguuucuguuuauucugccgaagccgaagggcugagggcggaugagcaga	1	1	s07
uuuaucaaggccaaaguuucuguuuauucugccgaagccgaagggcugagggcggaugagcaga	4	0	s07
uuuaucaaggccaaaguuucuguuuauucugccgaagccgaagggcugagggcggaugagcaga	2	1	s07
uuuaucaaggccaaaguuucuguuuauucugccgaagccgaagggcugagggcggaugagcaga	1	0	s07
uuuaucaaggccaaaguuucuguuuauucugccgaagccgaagggcugagggcggaugagcaga	1	0	s07
uuuaucaaggccaaaguuucuguuuauucugccgaagccgaagggcugagggcggaugagcaga	1	0	s07
uuuaucaaggccaaaguuucuguuuauucugccgaagccgaagggcugagggcggaugagcaga	2	0	s07
uuuaucaaggccaaaguuucuguuuauucugccgaagccgaagggcugagggcggaugagcaga	4	1	s07
uuuaucaaggccaaaguuucuguuuauucugccgaagccgaagggcugagggcggaugagcaga	10	0	s07
uuuaucaaggccaaaguuucuguuuauucugccgaagccgaagggcugagggcggaugagcaga	1	1	s07
uuuaucaaggccaaaguuucuguuuauucugccgaagccgaagggcugagggcggaugagcaga	1	0	s07
uuuaucaaggccaaaguuucuguuuauucugccgaagccgaagggcugagggcggaugagcaga	1	0	s06
uuuaucaaggccaaaguuucuguuuauucugccgaagccgaagggcugagggcggaugagcaga	3	0	s06
uuuaucaaggccaaaguuucuguuuauucugccgaagccgaagggcugagggcggaugagcaga	1	1	s06
uuuaucaaggccaaaguuucuguuuauucugccgaagccgaagggcugagggcggaugagcaga	1	0	s06
uuuaucaaggccaaaguuucuguuuauucugccgaagccgaagggcugagggcggaugagcaga	4	0	s03
uuuaucaaggccaaaguuucuguuuauucugccgaagccgaagggcugagggcggaugagcaga	1	0	s03
uuuaucaaggccaaaguuucuguuuauucugccgaagccgaagggcugagggcggaugagcaga	1	0	s03

Star

Mature

uugaacaugauagcgauaauuaucaaggccaaguuucuguuauucugccgaagccgaaggcugaggcggauagcagaaacugaggccuugauaauuauucgcuaucaugc			
.....aaggccaaguuucuguuau.....	1	0	s03
.....aaaguuucuguuauucugccgG.....	1	1	s03
.....gaaacugaggccuugauaa.....	4	0	s03
.....gUaacugaggccuugauaa.....	1	1	s03
.....gaaacugaggccuugauaaU.....	2	0	s03
.....aaaguuucuguuauucugccgaag.....	1	0	s15
.....gaaacugaggccuugauaC.....	1	1	s15
.....gaaacugaggccuugauaU.....	2	1	s15
.....aggccaaguuucuguuauU.....	2	1	s16
.....uuauucugccgaagccgaag.....	1	0	s16
.....agaaacugaggccuugauaU.....	2	1	s16
.....gaaacugaggccuugauaaU.....	2	0	s16
.....uuaucaaggccaaguuucug.....	1	0	s19
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.....uuaucaaggccaaguuucug.....	1	0	s12
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Star

Mature

uugaacaugauagcgauaauuaucaaggccaaguuucuguuauucugccgaagccgaaggcugaggcggaugagcaga	2	0	s10
.....aaaguuucuguuauucugc.....	1	1	s10
.....gaaacugaggccuugauaU.....	1	1	s10
.....ugaggccuugauaGuauucgc.....	2	1	s02
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.....uuaucaaggccaaaguuuc.....	12	0	s02
.....uuaucaaggccaaaguuucu.....	2	1	s02
.....uuaucaaggccaaaguuucC.....	1	1	s02
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Star

Mature

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