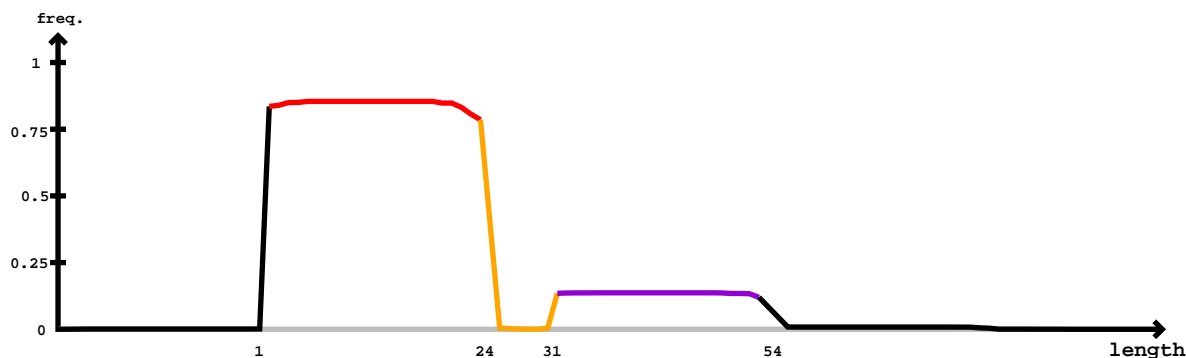


The diagram illustrates a segment of a double-stranded DNA molecule. The top strand is oriented 5' to 3' from left to right, while the bottom strand is oriented 3' to 5' from left to right. The bases are represented by letters: A (blue), G (green), U (red), C (purple), and T (orange). Base pairs are connected by vertical lines representing hydrogen bonds: A pairs with T (two lines), G pairs with C (three lines), and U pairs with A (two lines). The strands are shown as continuous paths with loops at the ends.



Star

	-3'	obs	
		exp	
	reads	mm	sample
..((.(.(((((((((((.(((((((((((.(.(((((((...)))))).).)))))....).)).....	1	0	s02
.accucuuacagauuagcuac.....	1	0	s02
.....caguguucaugggcuguguaauaa.....	10	0	s02
.....aguguucaugggcugugua.....	17	1	s02
.....aguguucaugggcuguguU.....	3	1	s02
.....aguguucaugggcuguguC.....	3	0	s02
.....aguguucaugggcuguguaau.....	1	1	s02
.....aguguucaugggcuguguUau.....	28	1	s02
.....aguguucaugggcuguguCau.....	2	1	s02
.....aguguucaugggcuguguaaua.....	21	0	s02
.....aguguucaugggcuguguUaua.....	30	1	s02
.....aguguucGugggcuguguaauaa.....	2	1	s02
.....aguguucaugggcuguguaauaC.....	1	1	s02
.....aguguucaugggcuguguaauaa.....	21	0	s02
.....aguguucaugggcuguguUauaa.....	6	1	s02
.....aguguucaugggcuguguaauaaG.....	5	1	s02
.....aguguucaugggcugUGuaauaa.....	3	1	s02
.....aguguucaugggcugugGuaauaa.....	1	1	s02
.....aguguucauAGcuguguaauaa.....	1	1	s02
.....aguguCCaugggcuguguaauaa.....	5	1	s02
.....aguguucGugggcuguguaauaa.....	2	1	s02
.....agCguucaugggcuguguaauaa.....	1	1	s02
.....aguguucaugggcCGuguaauaa.....	2	1	s02
.....CGuguucaugggcuguguaauaa.....	1	1	s02
.....UGuguucaugggcuguguaauaa.....	1	1	s02
.....aguguucaugggcuguguaauaa.....	513	0	s02
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Mature Star

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.....aguguuucagUGcuguguaauaaU.....	1	1	s02
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.....aguguuGaugggcuguguaauaaU.....	1	1	s02
.....aguguuucagggcuguguaauaGu.....	11	1	s02
.....GguguuucagggcuguguaauaaU.....	2	1	s02
.....aguguuucagggcuguguaauaaC.....	67	1	s02
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.....aguguuucagggcugAguaaauaaU.....	5	1	s11
.....aguguuucagggcuguguaauaaG.....	1	1	s11
.....aguguuucAaggcuguguaauaaU.....	1	1	s11
.....aguguuucagggcuguguaauaaC.....	1	1	s11

Mature

Star

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.....	uguucauggcugAguuaaau	1	1	s11
.....uauuucucagccaugaaaaacug	6	0	s11
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.....	aguguCcauggcuguguaaaua	1	1	s18
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.....	aguguucauggcuguguaauaaC	4	1	s18
.....	aguguucauggcugugCaaauaau	4	1	s18
.....	aguguucauggcuguguaaauaAuu	1	1	s18
.....uauuucucagccaugaaaaacug	7	0	s18
uaccucuucagauuagcuaU	2	1	s05
.....	aguguucauggcuguguaau	3	0	s05
.....	aguguucauggcuguguaaua	4	0	s05
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.....	aguguucauggcuguguaaauuu	5	0	s05
.....	aguguucauggcuguguaaauaA	2	1	s05
.....	aguguucauggcuguguaaauaC	3	1	s05
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Mature

Star

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Mature

Star

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Mature

Star

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.....	agugCucauggcuguguaauaa			1	1	s10
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.....	uguucauggcuguguaauaaau			1	0	s10
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Mature

Star

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Mature

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Mature

Star

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