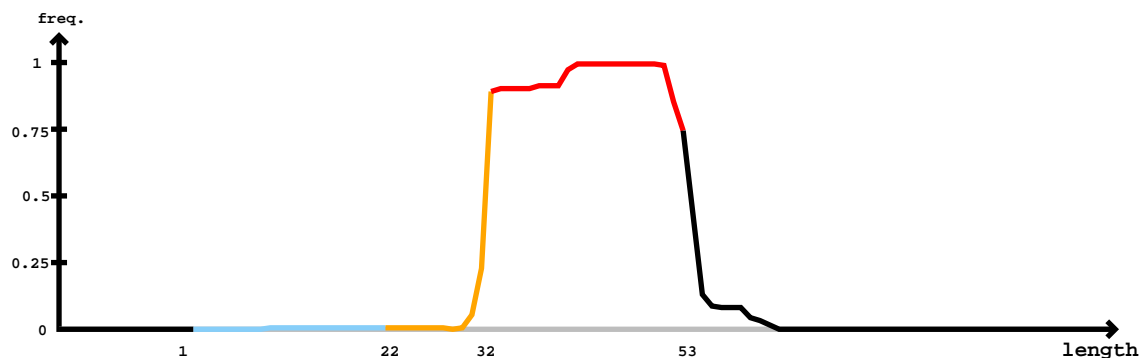


The diagram illustrates a segment of a double-stranded DNA molecule. The top strand runs from left to right, labeled 5' at its left end. Its sequence of bases is C, C, U, A, C, A, G, A, U, U, G, G, U, G, A, A, U, A, A, U, C, U. The bottom strand runs from right to left, labeled 3' at its right end. Its sequence of bases is G, G, A, U, G, U, C, U, A, A, U, C, A, C, U, U, A, U, U, A, A, G. Complementary base pairs are connected by vertical lines: C-A, C-U, U-A, A-U, C-G, A-U, G-C, A-U, U-A, U-C, G-C, G-U, U-A, G-C, A-U, A-U, U-A, A-U, U-A, C-G, U-C.



Mature

5'-	gaauccgcgcagccuacagauuggugaauaauucugcuaagcagauuauuacuaaauucugagguugcgcgcgcaaugcaugauuuuccaagagcaauaugucaggcauuu	-3'	exp	
.....((((((((((((((((((((((((((((((((.....)))))))))))))))))))))))))))))))))))).....(((((((((.....)))))).))))).	reads	mm	sample	
.....gauuauuacuaaauucugagguu.....	1	0	s16	
.....auuauuacuaaauucugagguu.....	3	0	s16	
.....uuauuacuaaauucugagguu.....	1	0	s16	
.....auuauuacuaaauucugagguu.....	3	0	s07	
.....auuauuacuaaauucugagguugc.....	2	0	s07	
.....uuauuacuaaauucugagg.....	5	0	s07	
.....uuauuacuaaauucugagguu.....	4	0	s07	
.....uuauuacuaaauucugagguu.....	4	0	s07	
.....uuauuacuaaauucuguaCguu.....	2	1	s07	
.....uuauuacuaaauucugagguugc.....	1	0	s07	
.....uauuacuaaauucugagg.....	1	0	s07	
.....cacuaaauucugagguugc.....	1	0	s07	
.....uaauucugagguugGgcgcg.....	1	1	s09	
.....gauuauuacuaaauucugagguu.....	1	0	s08	
.....auuauuacuaaauucugagguu.....	1	1	s08	
.....auuauuacuaaauucugagguu.....	1	1	s08	
.....auuauuacuaaauucugagguu.....	1	0	s08	
.....uuauuacuaaauucugagg.....	2	0	s08	
.....uuauuacuaaauucugagguu.....	12	0	s08	
.....uuauuacuaaauucugagguugc.....	1	0	s08	
.....uuauuacuaaauucugagg.....	1	0	s06	
.....uaauucugagguugcgcgU.....	1	1	s06	
.....auuauuacuaaauucugagguu.....	1	0	s03	
.....auuauuacuaaauucugagguu.....	1	1	s03	
.....uuauuacuaaauucugagguu.....	1	0	s03	
.....uuauuacuaaauucugagguu.....	3	0	s03	
.....uuauuacuaaauucugagguu.....	2	0	s11	
.....uuggugaauaauucugcuaU.....	1	1	s02	

Mature

gaaucgcgcgcagcuaacagauugggugaauaauugcuagcagauuaauucacuaaauucguagguugcgcgcgcgaauugcaugauuuuccaagagcaauaugucagggcgauuu			
.....gauuauucacuaaauucguaggu.....	3	0	s02
.....gauuauucacuaaauucguaggu.....	1	0	s02
.....auuauucacuaaauucguaggu.....	1	0	s02
.....auuauucacuaaauucguagAuu.....	1	1	s02
.....auuauucacuaaauucguaggu.....	3	0	s02
.....auAauucacuaaauucguaggu.....	1	1	s02
.....auuauucacuaaauucguagguC.....	3	1	s02
.....uuauucacuaaauucguagA.....	1	1	s02
.....uuauucacuaaauucguagg.....	1	0	s02
.....uuauucacuaaauucguaggu.....	3	0	s02
.....uuauAcacuaaauucguaggu.....	1	1	s02
.....uuauucacuaaauucguaggGu.....	2	1	s02
.....uuauucacuaaauucguagguA.....	5	1	s02
.....uuauucacuaaauucguaggu.....	22	0	s02
.....uuauucacuaaauucguagggu.....	1	1	s02
.....uAauucacuaaauucguaggu.....	3	1	s02
.....uuauucacuaaauucguagguuU.....	1	1	s02
.....uuauucacuaaauucguagguug.....	1	0	s02
.....uuauucacuUaucugugagguug.....	1	1	s02
.....uuauucacuaaauucguagguugc.....	1	0	s02
.....uuauucacuGaucugugagguugc.....	1	1	s02
.....aaucugugagguugcAcgc.....	1	1	s02
.....aaucugugagAuugcgcgcgcga.....	3	1	s02
.....uuauucacuUaucugugaggu.....	1	1	s18
.....uaucugugagguugGgcgcgc.....	1	1	s18
.....uaucugugagguugcgcgcgcU.....	1	1	s18
.....gauuauucacuaaauucguaggu.....	1	0	s05
.....uuauucacuaCucugugagg.....	1	1	s05
.....uuauucacuaaauucguaggu.....	3	0	s05
.....uuauucacuGaucugugaggu.....	1	1	s05
.....gauuauucacuaaauucguaggu.....	1	0	s13
.....uauucacuaaauucguagguug.....	1	0	s13
.....uaucugugagguugcgcgcgcAgc.....	1	1	s13
.....gauuauucacuaaauucguagg.....	1	0	s12
.....auuauucacuaaauucguaggu.....	3	0	s12
.....uuauucacuaaauucguag.....	1	0	s12
.....uuauucacuaaauucguagg.....	4	0	s12
.....uuauucacuaaauucguaggu.....	1	0	s12
.....uuauucacuaaauucguaggu.....	7	0	s12
.....uuauucacuaaauucguagguA.....	3	1	s12
.....cacuaaauucguagguugcgc.....	1	0	s12
.....uaucugugagguugcAcgc.....	1	1	s12
.....uaucugugagguugcgcgcgcU.....	2	1	s12
.....agauuauucacuaaauucguagg.....	1	0	s14
.....uuauucacuaaauucguaggu.....	2	0	s14
.....auuauucacuaaauucguaggu.....	6	0	s19
.....uuauucacuaaauucguagg.....	2	0	s19
.....uuauucacuaaauucguaggu.....	3	0	s19
.....auuauucacuaaauucguaggu.....	1	0	s10
.....uuauucacuaaauucguagg.....	3	0	s10
.....uuauucacuaaauucguagU.....	2	1	s10
.....uuauucacuaaauucguaggu.....	3	0	s10
.....uuauucacuaaauucguagguA.....	1	1	s10
.....uuauucacuaaauucguagguugG.....	1	1	s10
.....uaucugugagguugcgcgcgcU.....	1	1	s10
.....uaucugugagguugcgcgcgc.....	1	0	s10
.....uaucugugagguugcgcgcgc.....	1	0	s17