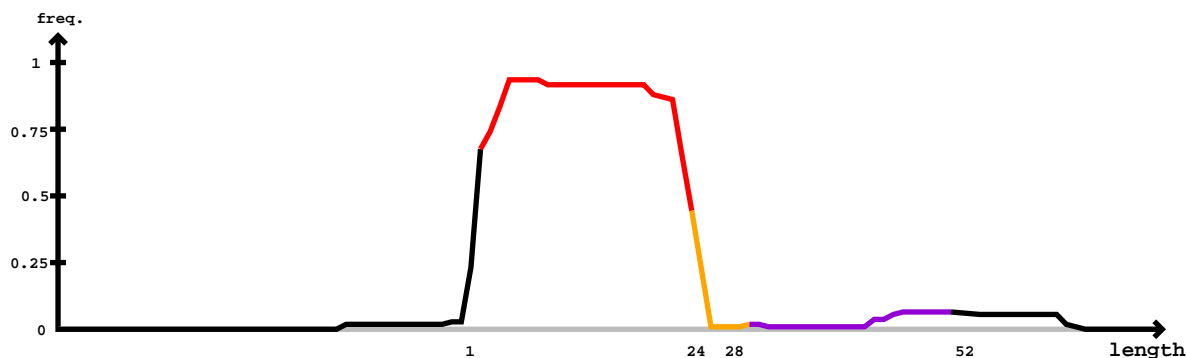


Diagram of a DNA double helix structure. The top strand is labeled 5' and the bottom strand is labeled 3'. The strands are connected by base pairs: A-T, T-A, C-G, G-C, U-A, C-G, A-T, G-C, A-T, U-A, U-A, U-G, A-T, G-C, G-C, U-A, U-A, A-T, A-T, C-G, U-A. The bases are color-coded: Adenine (A) is red, Thymine (T) is blue, Cytosine (C) is green, Guanine (G) is orange, and Uracil (U) is purple.

[illegible]

Mature

Star

auucaaaugcgcaugauugacgcacggauaggcgguaggugucca <u>aa</u> uuacagguaucc <u>aa</u> uuu <u>ga</u> gu <u>gc</u> u <u>ca</u> aa <u>uu</u> ggaa <u>acc</u> gu <u>aa</u> u <u>gg</u> ga <u>cac</u> ccacgugaucgugcgcc			
.....aa <u>uu</u> acagguaucc <u>aa</u> uuu <u>ga</u>	1	0	s08
.....aa <u>uu</u> acagguaucc <u>aa</u> uuu <u>ga</u> U.....	1	1	s08
.....uuacagguaucc <u>aa</u> uuu <u>ga</u>	1	0	s08
.....uuacagguaucc <u>aa</u> uuu <u>ga</u> U.....	1	1	s08
.....caa <u>uu</u> ggaa <u>acc</u> gu <u>aa</u> u <u>gg</u> ga.....	1	0	s08
.....ua <u>aa</u> u <u>gg</u> ga <u>cac</u> ccacguga.....	1	0	s08
.....ca <u>uu</u> acagguaucc <u>aa</u> uuu <u>ga</u> U.....	1	1	s05
.....aa <u>uu</u> acagguaucc <u>aa</u> uuu <u>ga</u>	1	0	s05
.....aa <u>uu</u> acagguU <u>cc</u> aa <u>uu</u> ga.....	1	1	s05
.....aa <u>uu</u> acagguaucc <u>aa</u> uuu <u>ga</u> U.....	2	1	s05
.....aa <u>uu</u> acagguaucc <u>aa</u> uuu <u>ga</u> U.....	2	1	s16
.....u <u>gg</u> cgua <u>gg</u> u <u>cc</u> aa <u>uu</u> G <u>ca</u>	2	1	s02
.....u <u>cc</u> aa <u>uu</u> acagguaucc <u>aa</u> uuu <u>ga</u>	1	0	s02
.....ca <u>uu</u> acagguU <u>cc</u> aa <u>uu</u>	1	1	s02
.....ca <u>uu</u> acagguaucc <u>aa</u> uuu <u>ga</u>	4	0	s02
.....ca <u>uu</u> acagguaucc <u>aa</u> uuu <u>ga</u> U.....	3	1	s02
.....ca <u>uu</u> acagguaucc <u>aa</u> uuu <u>ga</u>	1	1	s02
.....ca <u>uu</u> acagguaucc <u>aa</u> uuu <u>ga</u>	6	0	s02
.....ca <u>uu</u> acagguaucc <u>aa</u> uuu <u>ga</u> U.....	1	1	s02
.....aa <u>uu</u> acagguaucc <u>aa</u> uuu <u>ga</u>	2	0	s02
.....aa <u>uu</u> acagguaucc <u>aa</u> uuu <u>ga</u>	2	0	s02
.....aa <u>uu</u> acagguaucc <u>aa</u> uuu <u>ga</u> C.....	4	1	s02
.....a <u>G</u> uuacagguaucc <u>aa</u> uuu <u>ga</u>	1	1	s02
.....aa <u>uu</u> acagguaucc <u>aa</u> uuu <u>ga</u> U.....	15	1	s02
.....a <u>uu</u> acagguaucc <u>aa</u> uuu <u>ga</u> U.....	1	1	s02
.....a <u>uu</u> acagguaucc <u>aa</u> uuu <u>ga</u>	1	0	s02
.....a <u>uu</u> acagguaucc <u>aa</u> uuu <u>ga</u> C.....	1	1	s02
.....uuacagguaucc <u>aa</u> uuu <u>ga</u>	3	0	s02
.....uuacagguaucc <u>aa</u> uuu <u>ga</u> C.....	1	1	s02
.....uuacagguaucc <u>aa</u> uuu <u>ga</u> U.....	2	1	s02
.....uacagguaucc <u>aa</u> uuu <u>ga</u>	2	0	s02
.....uacagguaucc <u>aa</u> uuu <u>ga</u> U.....	6	1	s02
.....uacagguaucc <u>aa</u> uuu <u>ga</u> Uu.....	1	1	s02
.....uacagguaucc <u>aa</u> uuu <u>ga</u> agA.....	1	1	s02
.....u <u>g</u> ua <u>aa</u> u <u>gg</u> ga <u>cac</u> ccacgug.....	1	0	s02
.....ua <u>aa</u> u <u>gg</u> ga <u>cac</u> ccacgug.....	1	0	s02