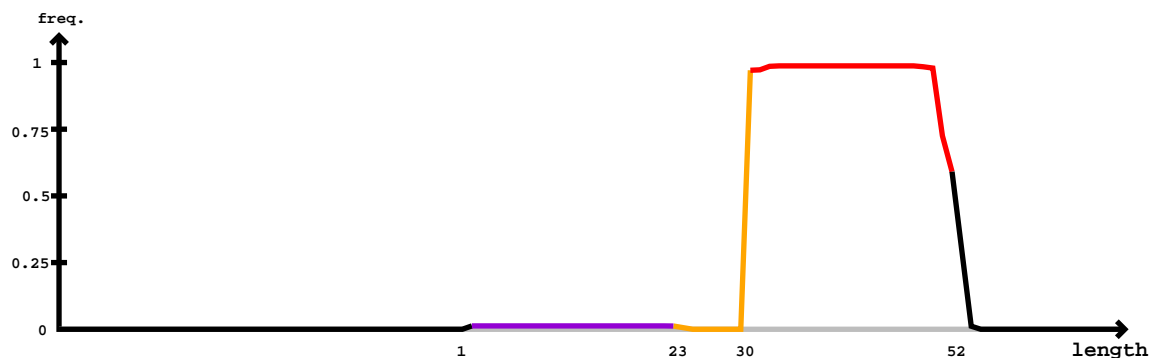


Diagram illustrating a DNA double helix structure. The top strand is labeled 5' and the bottom strand is labeled 3'. The strands are connected by base pairs (A-T, C-G). The bases are color-coded: Adenine (A) is blue, Thymine (T) is red, Cytosine (C) is green, and Guanine (G) is orange.

[illegible]

Star Mature

gcggguuaaugguuuuaaggugccaagcugcuuuucauuuuuagcuaugaugacauugaucgacauugaacgcuuaauaugacauuacacag

.....uguacauagacauugaAAGu.....	2	1	s02
.....uguacauagacauugaagcgC.....	40	1	s02
.....uguacauagacauugaGcggu.....	2	1	s02
.....uguacauagacauugaAGu.....	2	1	s02
.....uguacaGagacauugaagcggu.....	2	1	s02
.....uguacauagacauugaagcgG.....	6	1	s02
.....uguacaAagacauugaagcggu.....	1	1	s02
.....uguacauagacauugaagcgA.....	3	1	s02
.....uguacauagacGuguagcggu.....	2	1	s02
.....uguacauagUcaugaagcggu.....	1	1	s02
.....uguacauagacauguaUcggu.....	1	1	s02
.....uguacauagacauugaUgu.....	1	1	s02
.....uguacauagacauugaagcggu.....	155	0	s02
.....uAuacauagacauugaagcggu.....	1	1	s02
.....uguacauagacauugaagcgguC.....	1	1	s02
.....uguacauagaAuugaagcgua.....	1	1	s02
.....uguacauagacauugaagcgua.....	96	0	s02
.....uguacauagacauugaagcgguU.....	5	1	s02
.....uguacauagacauugaagcgguG.....	1	1	s02
.....uguacaAagacauugaagcgua.....	1	1	s02
.....uguacauagacauGAagcguaa.....	1	1	s02
.....uguacauagacauugaGcgguaa.....	3	1	s02
.....uguacauagacauugaagcguaa.....	386	0	s02
.....uguacauagacauugaagcgguUa.....	1	1	s02
.....uguacauagacauugaagcguaU.....	11	1	s02
.....uguacauagacauugaUguua.....	1	1	s02
.....uguacCuagacauugaagcguaa.....	1	1	s02
.....Cguacauagacauugaagcguaa.....	1	1	s02
.....uguacauGgacauugaagcguaa.....	2	1	s02
.....uguacauagacauugaagcgguGa.....	1	1	s02
.....uguacauagacauAuagcguaa.....	1	1	s02
.....ugCacauagacauugaagcguaa.....	3	1	s02
.....uguacauagacauCuagcguaa.....	1	1	s02
.....uguacauagacauugaUcgguaa.....	1	1	s02
.....uguacauagacacGuagcguaa.....	2	1	s02
.....uguacauagacauugaagcguaG.....	4	1	s02
.....Aguacauagacauugaagcguaa.....	1	1	s02
.....uguacauagacGuguagcguaa.....	2	1	s02
.....uguacauagacauugaagcgCaa.....	1	1	s02
.....uguacauagacauugaagcguaC.....	3	1	s02
.....uguacauagacauugaagcgguCa.....	1	1	s02
.....Gguacauagacauugaagcguaa.....	1	1	s02
.....uguacauagacauugaGguua.....	1	1	s02
.....uguacauagacauugaagcguaaC.....	11	1	s02
.....uguacauagacauugaagcguaaG.....	4	1	s02
.....uguGcauagacauugaagcguaaa.....	2	1	s02
.....uguacauagacauugaagcguaaU.....	98	1	s02
.....uguacauagacauugaagcguaaa.....	14	0	s02
.....uguacauagacauAuagcguaaa.....	1	1	s02
.....uguacauagacauugaagcguaUa.....	4	1	s02
.....uguacauagacauugaagcguaaUu.....	6	1	s02
.....uguacauagacauugaagcguaGau.....	1	1	s02
.....guacauagacauugaagcggu.....	1	0	s02
.....guacauagacauugaagcguaU.....	1	1	s02
.....uacauagacauugaagcgC.....	1	1	s02
.....uacauagacauugaagcgua.....	1	0	s02
.....uacauagacauugaagcguaa.....	4	0	s02
.....uacauagacauugaagcguaaU.....	2	1	s02
.....uguacauagacauugaagcgG.....	1	1	s11
.....uguacauagacauugaagcguaa.....	2	0	s11
.....uguacauagacauugaagcguaaU.....	1	1	s11
.....uguacauagacauugaagcggu.....	2	0	s01
.....uguacauagacauugaagcgua.....	1	0	s01
.....uguacauagacauugaagcguaa.....	3	0	s01
.....uguacauagacauugaagcguaaaa.....	2	1	s01
.....uguacauagacauugaagcggu.....	1	0	s17
.....uguacauagacauugaagcgua.....	5	0	s17

Mature

.....uguacauagacauaguagcguaa.....	1	0	s17
.....uguacauagacauaguagcguaaU.....	2	1	s17
.....uguacauagacauaguagcguaUa.....	1	1	s17
.....uguacauagacauaguagU.....	1	1	s10
.....uguacauagacauaguagcgC.....	5	1	s10
.....uguacauagacauaguagcgG.....	1	1	s10
.....uguacauagacaugCagcgU.....	1	1	s10
.....uguacauagacauaguagcgA.....	1	1	s10
.....uguacauagacaugAagcgU.....	1	1	s10
.....uguacauagacauaguagcgU.....	13	0	s10
.....uguacauagacauaguagcgUg.....	1	1	s10
.....uguacauagacauaguagcggua.....	26	0	s10
.....uguacauGgacauaguagcgua.....	1	1	s10
.....uguacauagacauCuaagcgua.....	1	1	s10
.....uguacauagacauaguagcgCa.....	1	1	s10
.....uguacauagacauaguagcguaa.....	18	0	s10
.....uguacauagacauaguagcUuaa.....	1	1	s10
.....uguacauagacGuguagcguaa.....	2	1	s10
.....uguacauagacauaguagcguaaa.....	2	0	s10
.....uguacauagacauaguagcguaaU.....	14	1	s10
.....uguacauagacauaguagcguaaUu.....	1	1	s10
.....uacauagacauaguagcgU.....	1	0	s10
.....uguacauagacauaguagc.....	1	0	s19
.....uguacauagacauaguagcgU.....	7	0	s19
.....uguacauagacauaguagcgua.....	2	0	s19
.....uguacauagacauaguagcguaa.....	2	0	s19
.....uguacauagacauaguagcguaaU.....	3	1	s19
.....uguacauagacauaguagcgU.....	4	0	s14
.....uguacauagacauaguagcguaU.....	1	1	s14
.....uguacauagacauaguagcguaa.....	3	0	s14
.....aagcuacauaguacauaguacaug.....	1	0	s12
.....uguacauagacauaguagcg.....	1	0	s12
.....uguacauGgacauaguagcgU.....	1	1	s12
.....uguacauagacauaguagcgG.....	3	1	s12
.....CguacauagacauaguagcgU.....	1	1	s12
.....uguacauagacauaguagcgU.....	42	0	s12
.....uguacauagacauaguagcgC.....	7	1	s12
.....uguacauagacauaguagcgA.....	2	1	s12
.....AguacauagacauaguagcgU.....	1	1	s12
.....uguacauagacauguaAocgua.....	1	1	s12
.....uguacauagacaugCagcgua.....	1	1	s12
.....uguacauagacauaguagcgua.....	21	0	s12
.....uguacauagacauaguagcgU.....	1	1	s12
.....uguCcauagacauaguagcgua.....	1	1	s12
.....uguacauGgacauaguagcguaa.....	1	1	s12
.....uguacauagacauaguagcguaG.....	3	1	s12
.....uguacauagacauaguagcgUgA.....	2	1	s12
.....uguacauagacaugUcgguaa.....	1	1	s12
.....Aguacauagacauaguagcguaa.....	1	1	s12
.....uguacauagacaCguagcguaa.....	1	1	s12
.....uguacauagacauaguagcguaU.....	4	1	s12
.....uguacauagacauaguagcguaa.....	114	0	s12
.....uguacauagacauaguagcguaaU.....	15	1	s12
.....uguacauagacauaguagcguaaC.....	3	1	s12
.....uguacauagacauaguagcguaUa.....	1	1	s12
.....uguacauagacauaguagcguaaa.....	1	0	s12
.....uguacauagacauaguagcguaaUu.....	3	1	s12
.....uguacauagacauaguagcguaaaau.....	3	0	s12
.....uacauagacauaguagcgua.....	1	0	s12
.....uguacauagacauaguagcA.....	1	1	s13
.....uguacauagCcauguagcgU.....	1	1	s13
.....uguacauagacaugUgcgU.....	1	1	s13
.....uguacauagacauaguagcgC.....	4	1	s13
.....uguacauagacauaguagUgu.....	1	1	s13
.....uguacauagacGuguagcgU.....	1	1	s13

Star Mature

gcggguuaaugguuuuaaggugccaagcugcuuucauuuuuagcuaugaugacauugaucgacauagacauagacguuaaauaugacauuacacag			
.....uguacauagacauagacgu.....	19	0	s13
.....uguacauagacauagacguU.....	3	1	s13
.....uguacauagacauagacgu.....	7	0	s13
.....uguacauagacauagacguC.....	1	1	s13
.....uguacauagacauagacguG.....	1	1	s13
.....Cguacauagacauagacguaa.....	1	1	s13
.....uguacauagacauagacguaa.....	18	0	s13
.....ugCacauagacauagacguaa.....	1	1	s13
.....uguacauagacauagacguU.....	2	1	s13
.....uguacauagacauagacguaaG.....	1	1	s13
.....uguacauagacauagacguaaC.....	1	1	s13
.....uguacauagacauagacguUa.....	4	1	s13
.....uguacauagacauagacguaaa.....	2	0	s13
.....uguacauagacauagacguaaU.....	9	1	s13
.....uguacauagacauagacguCa.....	1	1	s13
.....uguacauagacauagacguaaaU.....	1	0	s13
.....uguacauagacauagacguaaUu.....	1	1	s13
.....uguacauagacauagacguaaaA.....	2	1	s13
.....uacauagacauagacgu.....	1	0	s13
.....uacauagacauagacguaaU.....	1	1	s13
.....aagcuacaugaucacauagacau.....	2	0	s16
.....uguacauagacauagacguA.....	1	1	s16
.....uguacauagacauagacgu.....	8	0	s16
.....Cguacauagacauagacgu.....	1	1	s16
.....ugCacauagacauagacgu.....	1	1	s16
.....uguacauagacauagacguU.....	2	1	s16
.....uguacauagacauagacgu.....	1	0	s16
.....uguacauagacauagacguaa.....	10	0	s16
.....uguacauagacauagacguaaU.....	7	1	s16
.....uguacauagacauagacguaaC.....	1	1	s16
.....uguacauagacauagacguUa.....	1	1	s16
.....guacauagacauagacguaa.....	1	0	s16
.....uacauagacauagacgu.....	1	0	s16
.....uacauagacauagacguaa.....	5	0	s16
.....uguacauagacauagacgu.....	4	0	s03
.....uguacauagacauagacCu.....	1	1	s03
.....uguacauagacauagacgu.....	5	0	s03
.....uguacauagacauagacguaa.....	20	0	s03
.....uguacauagaGauguagcguaa.....	1	1	s03
.....uguacauagacauagacguaaU.....	5	1	s03
.....uguacauagacauagacguaaC.....	1	1	s03
.....uguacauagacauagacguUa.....	1	1	s03
.....uguacauagacauagacguaaUu.....	1	1	s03
.....uguacauagacauagacg.....	1	0	s06
.....uguacauagacauagacgu.....	10	0	s06
.....uguacauagacauagacgu.....	2	0	s06
.....uguacauagacauagacguU.....	2	1	s06
.....uguacauagacauagacguaa.....	7	0	s06
.....uguacauagacCguagcguaa.....	1	1	s06
.....uguacauagacauagacguaaU.....	10	1	s06
.....uacauagacauagacgC.....	1	1	s06
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.....uguacauGgacauagac.....	1	1	s08
.....uguacauagacauagacC.....	1	1	s08
.....uguacauagacauagacgu.....	10	0	s08
.....uguacauagacauagacgC.....	3	1	s08
.....uguacauagacauagacgu.....	4	0	s08
.....uguacauagacauagacguG.....	1	1	s08
.....uguacauagacauagacguaa.....	4	0	s08
.....Cguacauagacauagacguaa.....	1	1	s04
.....uguacauagacauagacgu.....	4	0	s09
.....uguacauagacauagacguaa.....	5	0	s09
.....uguacauagacauagacguG.....	1	1	s09
.....uguacauagacauagacguaaU.....	1	1	s09

Star

Mature

gcggguuaaugguuuuaaggugccaagcugcuuucauuuu	aagcuacauguacauguacaugu	uucgacauagacauagacauagcgu	aaauaugacauagacacag			
.....	.....	.....	.....	1	0	s09
.....	.....	.....	.....	1	0	s07
.....	.....	.....	.....	1	1	s07
.....	.....	.....	.....	1	1	s07
.....	.....	.....	.....	28	0	s07
.....	.....	.....	.....	2	1	s07
.....	.....	.....	.....	18	0	s07
.....	.....	.....	.....	3	1	s07
.....	.....	.....	.....	1	1	s07
.....	.....	.....	.....	1	1	s07
.....	.....	.....	.....	1	1	s07
.....	.....	.....	.....	45	0	s07
.....	.....	.....	.....	1	1	s07
.....	.....	.....	.....	1	1	s07
.....	.....	.....	.....	1	0	s07
.....	.....	.....	.....	1	1	s07
.....	.....	.....	.....	16	1	s07
.....	.....	.....	.....	1	1	s07
.....	.....	.....	.....	2	1	s07
.....	.....	.....	.....	1	0	s07
.....	.....	.....	.....	3	1	s07