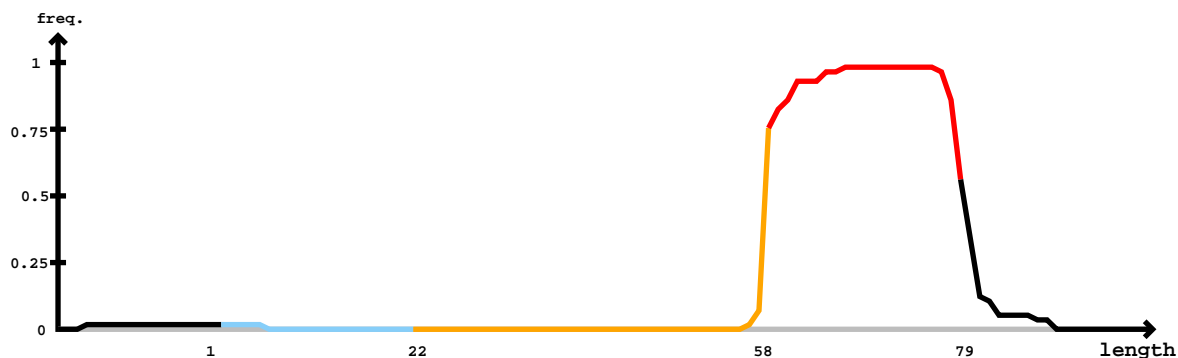


Diagram illustrating a DNA double helix structure. The top strand (blue) is labeled 5' and the bottom strand (yellow) is labeled 3'. The sequence of the top strand is A-U-U-C-G-G-G-C-U-A-G-C-G. The sequence of the bottom strand is U-U-A-A-G-C-C-U-G-A-G-U-G-C-A. A mutation is indicated by a red 'G' on the top strand and a red 'A' on the bottom strand, both highlighted with red circles. The mutation is a G-C to A-T transition.



Mature

[illegible]

Star

Mature

uagagaagccugaaa	aaauucagggcuucaacggggu	uugaaccgcgugaccucgugagguacacgggucaaaa	accguugaaguccugaa	uuuuucaggcuuccacgcaau			
.....	.....	.....	accguugaaguccugaa	uuuu.....	1	0	s60
.....	.....	.....	cguugaaguccugaa	uuuu.....	1	0	s60
.....	.....	.....	accguugaaguccugaa	uu.....	1	0	s35
.....	.....	.....	accguugaaguccugaa	uu.....	4	0	s35
.....	.....	.....	accguugaaguccugaa	uuA.....	1	1	s35
.....	.....	.....	accguugaaguccugaa	uuuu.....	3	0	s35
.....	.....	.....	accguugaaguccugaa	uu.....	1	0	s09
.....	.....	.....	accguugaaguccugaa	uu.....	2	0	s09
.....	.....	.....	accgCugaaguccugaa	uuuu.....	1	1	s09
.....	.....	.....	accguugaaguccugaa	uuuu.....	1	0	s09
.....	.....	.....	accguugaaguccugaa	uuuuuucG.....	1	1	s09
.....	.....	.....	ccguugaaguccugaa	uu.....	1	0	s09
.....	.....	.....	guugaaguccugaa	uuuu.....	1	0	s09