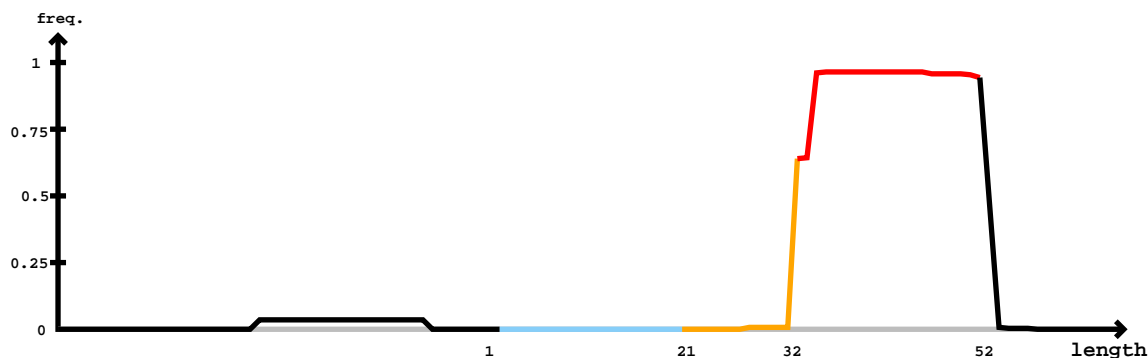


The diagram illustrates a segment of a DNA double helix. Two sugar-phosphate backbones are shown as wavy lines, oriented antiparallelly. The left strand runs from 5' at the top to 3' at the bottom, while the right strand runs from 3' at the top to 5' at the bottom. Nitrogenous bases are represented by colored circles: blue for purines (Adenine and Guanine) and red for pyrimidines (Thymine and Cytosine). The bases are connected by hydrogen bonds, indicated by thin black lines. The base pairs are Adenine-Thymine (A-T), Thymine-Adenine (T-A), Guanine-Cytosine (G-C), and Cytosine-Guanine (C-G).

[illegible]

Star

Mature

uaguuucccagagcauugggucgauccaaggcucugggugacgagaauguugcucuaaccaacggagcuaucaaguccguugggagcuggucauuugugaguucaaguuaa			
.....Aguugggagcuggucauuug.....	87	1	s13
.....Aguugggagcuggucauuug.....	1	1	s13
.....Augggagcuggucauuug.....	27	1	s13