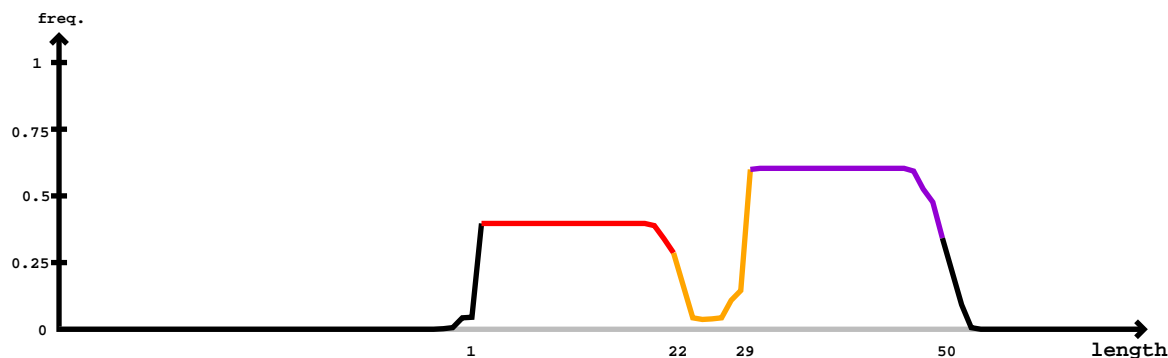


The diagram illustrates a complex RNA secondary structure, likely a ribozyme or a viral RNA genome, featuring three distinct loops and a central stem region. The structure is color-coded to represent different regions or functional groups:

- Left Loop (Purple):** This loop is located on the left side of the structure. It is labeled with a 5' end at the top and a 3' end at the bottom. The sequence of nucleotides in this loop, starting from the 5' end and proceeding clockwise, is: u, u, c, c, g, a, a, u, g, c.
- Central Stem (Red):** This region connects the left and right loops. It consists of a double-stranded stem with several internal loops. The top strand (5' to 3') has the sequence: u, a, a, a, a, g, a, a, c. The bottom strand (3' to 5') has the sequence: g, u, u, u, u, c, u, u, g. There are three internal loops in this region, each containing a single nucleotide (a, g, and a respectively).
- Right Loop (Yellow):** This loop is located on the right side of the structure. It is labeled with a 3' end at the top and a 5' end at the bottom. The sequence of nucleotides in this loop, starting from the 3' end and proceeding clockwise, is: a, a, a, a, u, u, a, c, c, u, u, c.

The overall structure suggests a highly organized RNA molecule with specific functional sites defined by its unique folding pattern.

[illegible]

Star

[illegible]

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[illegible]

Mature

Star

auauuuuuucucggccacagucgaaccuacauguuuuuguuuuuuuuuccuaaaagaaccucaaaaauauuuucgauuguuuuuuugcguaagcaaacaaaacaugcaaaccau			
.....ucgauuguuuuuuugcguaagc.....	1	0	s02
.....cgauuguucCuuugcgua.....	1	1	s02
.....cgauuguuuuuuuugcgua.....	4	0	s02
.....cgauuguuuuuuuugcguaa.....	3	0	s02
.....cgauuguuuuuuuugcguaG.....	1	1	s02
.....cgauuguuuuuuuugcguaag.....	1	0	s02
.....cgauuguuuuuuuugcguaaU.....	1	1	s02
.....cgauuguuuuuugcgGaag.....	1	1	s02
.....cgauuguuuuuuuugcguaagU.....	4	1	s02
.....cgauuguuuuuuuugcguaagc.....	20	0	s02
.....cgauuguuuuuugcguaagcU.....	3	1	s02
.....cgauuguuuuuuuugcguaagca.....	11	0	s02
.....cgauuguuuuGugcguaagcaa.....	1	1	s02
.....cgauuguuuuuugcguaagcaC.....	1	1	s02
.....cgauuguuuuuuuugcguaagcaU.....	5	1	s02
.....cgauuguuuuuuuugcguaagcaa.....	10	0	s02
.....cgauuguuuuuuuugcguaagcaaaa.....	2	0	s02