

The diagram illustrates a linear RNA molecule with three structural features:

- Blue Stem-Loop (3' end):** A short sequence of four nucleotides (A-A-G-A) forming a stem-loop structure.
- Red Double-Stranded Helix:** A long central region consisting of two complementary strands of nucleotides base-paired to form a double helix. The top strand (5' to 3') has the sequence U-A-G-A-C-G-A-A-C-U-U-A-A-C-C-U-G, and the bottom strand (3' to 5') has the sequence G-U-C-U-G-C-U-U-G-A-G-U-U-G-G-G-G-C-C.
- Orange Stem-Loop (5' end):** A short sequence of six nucleotides (G-A-U-A-G-U) forming a stem-loop structure.

[illegible]