

The diagram illustrates a segment of a double-stranded DNA molecule. The top strand runs from left to right, labeled '5'' at its start. It contains the sequence: G, U, G, A, G, G, C, U, G, U, U, G, G, G, C, followed by a loop containing U, G, A, C, A, A, A, A, G. The bottom strand runs from right to left, labeled '3'' at its end. It contains the complementary sequence: C, G, C, A, C, C, G, G, A, U, A, C, C, C, G, followed by a loop containing G, U, G, U, A, U, U, U, G. Base pairs are shown as vertical connections between the strands: G-C, U-A, G-C, A-T, G-C, G-C, C-G, U-A, G-C, U-A, U-A, G-C, G-C, C-G. The loops also show internal base pairing: U-G, G-A, A-U, A-U, A-U, G-C.

[illegible]

Mature

Star

gcuguguagggguugacggcuguguagggcugugugggggcauguacaaaagggaaggguuuuauuguggccccauguagggccccaugccuuuugggccccaugggggga

.....uguguaUggcuguguggggc.....

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