

The diagram illustrates a DNA double helix with a mismatch. The top strand (coding strand) has the sequence 5'-A-G-G-G-3'. The bottom strand (template strand) has the sequence 3'-T-C-G-T-T-5'. A thick black line connects the T on the top strand to the T on the bottom strand, indicating a mismatch. The other base pairs (A-G, G-C, G-C) are connected by thin black lines, indicating correct pairing.

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