

Mutation Types Practice

<u>Change in DNA Sequence</u>	<u>Name of Mutation Type</u>
Original DNA sequence - AGATTATTCGGCCTTC Copied DNA sequence - AGAT <u>A</u> ATTCGGCCTTC	<u>Substitution</u> T is substituted with an A
Original DNA sequence - CAACTAGTAACCTCT Copied DNA sequence - CAACTATAACCTCT	<u>Deletion</u> G is missing
Original DNA sequence - ATCTGGTTCGGC Copied DNA sequence - <u>CGCCTTGGTCTA</u>	<u>Inversion</u> Entire sequence is in reverse
Original DNA sequence - TGAAGTCGACTG Copied DNA sequence - TGAAGTCGACTG	<u>None</u>
Original DNA sequence - CTCGCAAGATTT Copied DNA sequence - CTCGCA <u>A</u> GATTT	<u>Insertion</u> C is inserted into the sequence