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Substitution

National Human Genome Research Institute (NHGRI)

Source

National Human Genome Research Institute (NHGRI). *Substitution*.

Normal ...GCTATACGCTAGG...
Base pair substitution ...GCTAT^TCGCTAGG...
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 G

Substitution is a type of mutation where one base pair is replaced by a different base pair. The term also refers to the replacement of one amino acid in a protein with a different amino acid.