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Transition Mutation

National Cancer Institute

Source

National Cancer Institute. *Transition Mutation*. NCI Thesaurus. Code C18134.

A relatively common point mutation in which a purine is exchanged for a nonidentical purine or a pyrimidine is exchanged for a nonidentical pyrimidine. Base mispairing and mutagenic chemicals including nitrous acid and 5-bromo-2-deoxyuridine can result in transitions.