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Base Pair Miscoding

National Cancer Institute

Source

National Cancer Institute. *Base Pair Miscoding*. NCI Thesaurus. Code C41568.

Any DNA sequence rearrangement that results in the exchange of the original sequence with noncomplementary bases, resulting in a mismatched DNA duplex. Such events occur as a result of low-fidelity repair or replication reactions. If left unrepaired, base pair miscoding can result in mutation to one of the daughter DNA duplexes.