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Inversion Mutation Abnormality

National Cancer Institute

Source

National Cancer Institute. *Inversion Mutation Abnormality*. NCI Thesaurus. Code C45589.

A structural change in genomic DNA where the 5' to 3' order of a nucleotide sequence is completely reversed to the 3' to 5' order relative to its adjacent sequences. This inversion is termed either pericentric, if it includes the centromere of a chromosome, or paracentric, if it excludes the centromere. An inversion mutation abnormality may be heritable or occur somatically.