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Chromosomal Inversion Process

National Cancer Institute

Source

National Cancer Institute. *Chromosomal Inversion Process*. NCI Thesaurus. Code C89778.

Any type of genetic recombination involving rearrangement of segments of DNA within a single chromosome, such that a segment of the chromosome is reversed from the original orientation. Chromosomal inversion often occurs as the result of non-homologous end-joining of broken DNA strands, and is involved in maintaining cell viability at the expense of long term genomic stability. This process may be involved in infertility.