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# Trinucleotide repeat

National Cancer Institute (NCI)

## Source

National Cancer Institute (NCI). *Trinucleotide Repeat*.

Sequences of 3 nucleotides repeated in tandem on the same contiguous section of chromosome. A certain amount of normal (polymorphic) variation in repeat number with no clinical significance commonly occurs between individuals; however, repeat numbers over a certain threshold can, in some cases, lead to adverse effects on the function of the gene, resulting in genetic disease.