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# Cancer-Predisposing Gene

National Cancer Institute

## Source

National Cancer Institute. *Cancer-Predisposing Gene*. NCI Thesaurus. Code C18521.

Mutated forms of genes which encode proteins that are essential for the control and maintenance of normal cellular processes. Inherited or somatic mutations in the wild-type form of these genes alters control of their expression, resulting in a change in control of the cell cycle. Individuals who harbor cancer-predisposing genes require fewer somatic mutations for transformation of a particular cell, thereby predisposing them to the development of cancer.