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# PLK1 wt Allele

National Cancer Institute

## Source

National Cancer Institute. *PLK1 wt Allele*. NCI Thesaurus. Code C51263.

Human PLK1 wild-type allele is located in the vicinity of 16p12.1 and is approximately 11 kb in length. This allele, which encodes serine/threonine-protein kinase PLK1 protein, plays a role in different stages of mitosis and modulates the spindle checkpoint at the metaphase-anaphase transition. PLK1 gene expression is a negative prognostic factor in several types of cancer such as esophageal carcinomas, gastric carcinomas, head and neck tumors, melanomas and non-small cell lung cancer.