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PLK3 wt Allele

National Cancer Institute

Source

National Cancer Institute. *PLK3 wt Allele*. NCI Thesaurus. Code C51198.

Human PLK3 wild-type allele is located in the vicinity of 1p34.1 and is approximately 6 kb in length. This allele, which encodes serine/threonine-protein kinase PLK3 protein, plays a role in the regulation of M phase functions during the cell cycle. The PLK3 gene is down-regulated in certain types of cancer (head and neck squamous cell carcinomas, lung carcinomas) and overexpressed in other types of cancer (breast carcinomas and highly-proliferating malignant epithelial ovarian tumors).