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TP53 wt Allele

National Cancer Institute

Source

National Cancer Institute. *TP53 wt Allele*. NCI Thesaurus. Code C52271.

Human TP53 wild-type allele is located in the vicinity of 17p13.1 and is approximately 19 kb in length. This allele, which encodes cellular tumor antigen p53 protein, plays a role in cell cycle regulation during the G0/G1 transition. Alterations of the TP53 gene occur as both somatic and germline mutations in human malignancies in select cancer-prone families with Li-Fraumeni syndrome.