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STK11 wt Allele

National Cancer Institute

Source

National Cancer Institute. *STK11 wt Allele*. NCI Thesaurus. Code C51322.

Human STK11 wild-type allele is located in the vicinity of 19p13.3 and is approximately 23 kb in length. This allele, which encodes serine/threonine-protein kinase STK11 protein, is involved in cell cycle arrest at the G1 checkpoint and regulation of cell polarity. Certain allelic variants of the STK11 gene cause Peutz-Jeghers syndrome, a hereditary disease characterized by predisposition to benign and malignant tumors of many organ systems.