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AKT3 wt Allele

National Cancer Institute

Source

National Cancer Institute. *AKT3 wt Allele*. NCI Thesaurus. Code C51188.

Human AKT3 wild-type allele is located within 1q43-q44 and is approximately 355 kb in length. This allele, which encodes RAC-gamma serine/threonine-protein kinase protein, plays a role in the regulation of cell signaling in response to insulin and growth factors. AKT3 gene amplification and overexpression are associated with progression of malignant melanoma.