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KLK3 wt Allele

National Cancer Institute

Source

National Cancer Institute. *KLK3 wt Allele*. NCI Thesaurus. Code C49721.

Human KLK3 wild-type allele is located in the vicinity of 19q13.41 and is approximately 6 kb in length. This allele, which encodes prostate-specific antigen protein, plays a role in the liquefaction of seminal coagulum via hydrolysis of semenogelin-1. An allelic variant of KLK3 is associated with increased risk of prostate cancer onset in males under the age of 67. Overexpression of the KLK3 gene is strongly associated with prostate cancer.