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GSTP1 wt Allele

National Cancer Institute

Source

National Cancer Institute. *GSTP1 wt Allele*. NCI Thesaurus. Code C51028.

Human GSTP1 wild-type allele is located within 11q13 and is approximately 3 kb in length. This allele, which encodes glutathione S-transferase Pi protein, plays a role in the conjugation of reduced glutathione with both endogenous and exogenous hydrophobic electrophilic compounds. Due to promoter hypermethylation, the GSTP1 gene is not expressed in prostatic intraepithelial neoplasia or prostatic adenocarcinomas.