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# PIK3CG wt Allele

National Cancer Institute

## Source

National Cancer Institute. *PIK3CG wt Allele*. NCI Thesaurus. Code C51162.

Human PIK3CG wild-type allele is located in the vicinity of 7q22.3 and is approximately 42 kb in length. This allele, which encodes phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit gamma isoform protein, plays a role as a modulator of extracellular signals and in the intracellular signaling pathways underlying the assembly of adherens junctions and regulation of natural killer cell-mediated cytotoxicity.