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ALOX5 wt Allele

National Cancer Institute

Source

National Cancer Institute. *ALOX5 wt Allele*. NCI Thesaurus. Code C68727.

Human ALOX5 wild-type allele is located in the vicinity of 10q11.2 and is approximately 72 kb in length. This allele, which encodes arachidonate 5-lipoxygenase protein, is involved in the regulation of leukotriene signaling. Mutations in the gene, which affect the enzymatic activity of the gene product, play a role in asthma, atherosclerosis and several cancers.