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GCLC wt Allele

National Cancer Institute

Source

National Cancer Institute. *GCLC wt Allele*. NCI Thesaurus. Code C52034.

Human GCLC wild-type allele is located within 6p12 and is approximately 48 kb in length. This allele, which encodes glutamate-cysteine ligase catalytic subunit protein, is involved in the biosynthesis of glutathione. Heritable defects in the GCLC gene are associated with hemolytic anemia (due to deficiency of gamma-glutamylcysteine synthetase) and susceptibility to myocardial infarction.