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TPI1 wt Allele

National Cancer Institute

Source

National Cancer Institute. *TPI1 wt Allele*. NCI Thesaurus. Code C105558.

Human TPI1 wild-type allele is located in the vicinity of 12p13.31 and is approximately 4 kb in length. This allele, which encodes triosephosphate isomerase protein, is involved in the isomerization of both glyceraldehyde 3-phosphate (G3P) and dihydroxy-acetone phosphate (DHAP) in both glycolysis and gluconeogenesis. Mutations in this gene are associated with triosephosphate isomerase deficiency.