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GMPS wt Allele

National Cancer Institute

Source

National Cancer Institute. *GMPS wt Allele*. NCI Thesaurus. Code C97523.

Human GMPS wild-type allele is located in the vicinity of 3q24 and is approximately 70 kb in length. This allele, which encodes GMP synthase [glutamine-hydrolyzing], is involved in the modulation of purine synthesis. A chromosomal translocation t(3,11)(q25,q23) of this gene and the MLL gene is associated with treatment-related acute myeloid leukemia.