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# TPMT wt Allele

National Cancer Institute

## Source

National Cancer Institute. *TPMT wt Allele*. NCI Thesaurus. Code C45688.

Human TPMT wild-type allele is located in the vicinity of 6p22.3 and is approximately 26 kb in length. This allele, which encodes thiopurine S-methyltransferase protein, is involved in the S-methylation of thiopurine drugs. Certain allelic variants of the TPMT gene are associated with either decreased gene expression or reduced enzymatic activity of their corresponding protein products.