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GSTM1 wt Allele

National Cancer Institute

Source

National Cancer Institute. *GSTM1 wt Allele*. NCI Thesaurus. Code C51026.

Human GST M1 wild-type allele is located in the vicinity of 1p13.3 and is approximately 6 kb in length. This allele, which encodes glutathione S-transferase Mu 1 protein, is involved in the conjugation of reduced glutathione with both endogenous and exogenous hydrophobic electrophilic compounds. Null mutations of the GST M1 gene are associated with several types of human cancer such as lung, bladder, and head and neck cancers.