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# TXN wt Allele

National Cancer Institute

## Source

National Cancer Institute. *TXN wt Allele*. NCI Thesaurus. Code C50944.

Human TXN wild-type allele is located within 9q31 and is approximately 12 kb in length. This allele, which encodes thioredoxin protein, is involved in the reduction of numerous biological substrates via dithiol-disulfide exchange reactions. TXN gene expression is elevated in several types of cancer such as colorectal, gastric and lung cancers.