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# TP53\*1 Allele

National Cancer Institute

## Source

National Cancer Institute. *TP53\*1 Allele*. NCI Thesaurus. Code C97240.

Human TP53\*1 allele is located in the vicinity of 17p13.1 and is approximately 19 kb in length. This allele, which encodes cellular tumor antigen p53\*1 protein, is involved in apoptosis and tumor suppression. This variant exhibits a coding change from a proline at amino acid 72 to an arginine, which may affect the activity and stability of the encoded protein.