

[Open Peer Review on Qeios](#)

# TPM2 wt Allele

National Cancer Institute

## Source

National Cancer Institute. *TPM2 wt Allele*. NCI Thesaurus. Code C115002.

Human TPM2 wild-type allele is located in the vicinity of 9p13 and is approximately 9 kb in length. This allele, which encodes tropomyosin beta chain protein, is involved in muscle contraction. Mutation of the gene is associated with nemaline myopathy type 4, cap myopathy type 2 and distal arthrogryposis types 1A and 2B.