

[Open Peer Review on Qeios](#)

TET2 wt Allele

National Cancer Institute

Source

National Cancer Institute. *TET2 wt Allele*. NCI Thesaurus. Code C95253.

Human TET2 wild-type allele is located in the vicinity of 4q24 and is approximately 134 kb in length. This allele, which encodes methylcytosine dioxygenase TET2 protein, plays a role in cytosine metabolism. Mutation of the gene is associated with myeloproliferative disorders, polycythemia vera, systemic mastocytosis and myelodysplastic syndromes.