

[Open Peer Review on Qeios](#)

# POLQ wt Allele

National Cancer Institute

## Source

National Cancer Institute. *POLQ wt Allele*. NCI Thesaurus. Code C131802.

Human POLQ wild-type allele is located in the vicinity of 3q13.33 and is approximately 115 kb in length. This allele, which encodes DNA polymerase theta protein, plays a role in both the repair and synthesis of DNA.