

[Open Peer Review on Qeios](#)

XRCC2 wt Allele

National Cancer Institute

Source

National Cancer Institute. *XRCC2 wt Allele*. NCI Thesaurus. Code C51013.

Human XRCC2 wild-type allele is located in the vicinity of 7q36.1 and is approximately 30 kb in length. This allele, which encodes DNA-repair protein XRCC2, is involved in homologous recombination between sister chromatids to maintain chromosomal stability and repair DNA damage.