

[Open Peer Review on Qeios](#)

CUL4B wt Allele

National Cancer Institute

Source

National Cancer Institute. *CUL4B wt Allele*. NCI Thesaurus. Code C93070.

Human CUL4B wild-type allele is located in the vicinity of Xq23 and is approximately 51 kb in length. This allele, which encodes cullin-4B protein, is involved in the mediation of protein ubiquitination. Mutation of the gene is associated with both mental retardation, X-linked, syndromic type 15 and Cabezas syndrome.