

[Open Peer Review on Qeios](#)

# HNF1A wt Allele

National Cancer Institute

## Source

National Cancer Institute. *HNF1A wt Allele*. NCI Thesaurus. Code C97826.

Human HNF1A wild-type allele is located in the vicinity of 12q22-qter; 12q24.2 and is approximately 25 kb in length. This allele, which encodes hepatocyte nuclear factor 1-alpha protein, is involved in both transcriptional regulation and DNA binding. Mutation of the gene is associated with familial hepatic adenoma, maturity-onset diabetes of the young type 3 and diabetes mellitus insulin-dependent type 20.