

[Open Peer Review on Qeios](#)

# HMOX1 wt Allele

National Cancer Institute

## Source

National Cancer Institute. *HMOX1 wt Allele*. NCI Thesaurus. Code C50881.

Human HMOX1 wild-type allele is located within 22q12 and is approximately 13 kb in length. This allele, which encodes heme oxygenase 1 protein, plays a role in the conversion of heme to bilirubin and carbon monoxide. Certain allelic variants of the HMOX1 gene are associated with heme oxygenase 1 deficiency.