

[Open Peer Review on Qeios](#)

IMPDH1 wt Allele

National Cancer Institute

Source

National Cancer Institute. *IMPDH1 wt Allele*. NCI Thesaurus. Code C50886.

Human IMPDH1 wild-type allele is located within 7q31.3-q32 and is approximately 18 kb in length. This allele, which encodes inosine-5'-monophosphate dehydrogenase 1 protein, is involved in de novo synthesis of guanine nucleotides. Defects in the IMPDH1 gene cause autosomal dominant retinitis pigmentosa type 10.