

[Open Peer Review on Qeios](#)

BMPR1A wt Allele

National Cancer Institute

Source

National Cancer Institute. *BMPR1A wt Allele*. NCI Thesaurus. Code C51727.

Human BMPR1A wild-type allele is located in the vicinity of 10q22.3 and is approximately 169 kb in length. This allele, which encodes bone morphogenetic protein receptor type IA protein, is involved in signal transduction pertaining to bone morphogenesis. Germline mutations in the gene cause a subset of juvenile polyposis syndrome and Cowden syndrome.