

[Open Peer Review on Qeios](#)

# NANOG wt Allele

National Cancer Institute

## Source

National Cancer Institute. *NANOG wt Allele*. NCI Thesaurus. Code C61134.

Human NANOG wild-type allele is located in the vicinity of 12p13.31 and is approximately 7 kb in length. This allele, which encodes homeobox protein NANOG, plays a role in both the modulation of transcription by RNA polymerase II and the establishment of embryonic stem cell pluripotency.