

[Open Peer Review on Qeios](#)

EPOR wt Allele

National Cancer Institute

Source

National Cancer Institute. *EPOR wt Allele*. NCI Thesaurus. Code C51351.

Human EPOR wild-type allele is located within 19p13.3-p13.2 and is approximately 7 kb in length. This allele, which encodes erythropoietin receptor protein, is involved in the activation of several different intracellular pathways including: Ras/MAP kinase, phosphatidylinositol 3-kinase and STAT transcription factors. The allele also plays a critical role in erythroid cell survival.