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# PDGFRB wt Allele

National Cancer Institute

## Source

National Cancer Institute. *PDGFRB wt Allele*. NCI Thesaurus. Code C52203.

Human PDGFRB wild-type allele is located within 5q31-q32 and is approximately 42 kb in length. This allele, which encodes beta platelet-derived growth factor receptor protein, is involved in mitogenesis for cells of mesenchymal origin. A translocation between chromosomes 5 and 12, that fuses this gene to that of the translocation, ETV6, leukemia gene, results in chronic myeloproliferative disorder with eosinophilia.