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# PTPRC wt Allele

National Cancer Institute

## Source

National Cancer Institute. *PTPRC wt Allele*. NCI Thesaurus. Code C49531.

Human PTPRC wild-type allele is located in the vicinity of 1q31-q32 and is approximately 118 kb in length. This allele, which encodes receptor-type tyrosine-protein phosphatase C protein, plays a role in T-cell activation through the antigen receptor. Defects in the PTPRC gene are a cause of autosomal recessive severe combined immunodeficiency (SCID).