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PTPN22 wt Allele

National Cancer Institute

Source

National Cancer Institute. *PTPN22 wt Allele*. NCI Thesaurus. Code C49524.

Human PTPN22 wild-type allele is located within 1p13.3-p13.1 and is approximately 123 kb in length. This allele, which encodes tyrosine-protein phosphatase non-receptor type 22 protein, plays a role in the dephosphorylation of protein-tyrosine phosphates. Functional PTPN22 gene polymorphisms are associated with susceptibility to insulin-dependent diabetes mellitus, rheumatoid arthritis, systemic lupus erythematosus, and Hashimoto thyroiditis.