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# PHOX2B wt Allele

National Cancer Institute

## Source

National Cancer Institute. *PHOX2B wt Allele*. NCI Thesaurus. Code C97725.

Human PHOX2B wild-type allele is located in the vicinity of 4p12 and is approximately 5 kb in length. This allele, which encodes paired mesoderm homeobox protein 2B, is involved in the modulation of gene expression. Mutation of the gene is associated with both congenital central hypoventilation syndrome and susceptibility to neuroblastoma type 2.