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LIG4 wt Allele

National Cancer Institute

Source

National Cancer Institute. *LIG4 wt Allele*. NCI Thesaurus. Code C50990.

Human LIG4 wild-type allele is located within 13q33-q34 and is approximately 11 kb in length. This allele, which encodes DNA ligase 4 protein, is involved in nonhomologous DNA end joining and in V(D)J recombination. Defects in the gene produce allelic variants that are the cause of LIG4 syndrome.