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DCLRE1C wt Allele

National Cancer Institute

Source

National Cancer Institute. *DCLRE1C wt Allele*. NCI Thesaurus. Code C90041.

Human DCLRE1C wild-type allele is located in the vicinity of 10p13 and is approximately 97 kb in length. This allele, which encodes protein artemis, plays a role in the mediation of both V(D)J recombination and DNA repair via nonhomologous end joining. Mutation of the gene is associated with severe combined immunodeficiency Athabaskan type and Omenn syndrome.