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# DNA2 wt Allele

National Cancer Institute

## Source

National Cancer Institute. *DNA2 wt Allele*. NCI Thesaurus. Code C117092.

Human DNA2 wild-type allele is located within 10q21.3-q22.1 and is approximately 58 kb in length. This allele, which encodes DNA replication ATP-dependent helicase/nuclease DNA2 protein, plays a role in DNA replication and repair. Mutation of the gene is associated with autosomal dominant progressive external ophthalmoplegia with mitochondrial DNA deletions type 6 and may be associated with Seckel Syndrome 8.