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# COL4A3 wt Allele

National Cancer Institute

## Source

National Cancer Institute. *COL4A3 wt Allele*. NCI Thesaurus. Code C52481.

Human COL4A3 wild-type allele is located within 2q36.3 and is approximately 150 kb in length. This allele, which encodes collagen alpha-3 (IV) chain protein, is involved in the maintenance of the structure of the basement membrane. Mutation of the gene is linked to an autosomal recessive form of Alport syndrome.