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COL4A5 wt Allele

National Cancer Institute

Source

National Cancer Institute. *COL4A5 wt Allele*. NCI Thesaurus. Code C71434.

Human COL4A5 wild-type allele is located in the vicinity of Xq22 and is approximately 258 kb in length. This allele, which encodes collagen alpha-5(IV) chain protein, plays a role in the modulation of the conformation of the extracellular matrix. Mutation or deletion of the gene is associated with Alport syndrome.