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COL2A1 wt Allele

National Cancer Institute

Source

National Cancer Institute. *COL2A1 wt Allele*. NCI Thesaurus. Code C75317.

Human COL2A1 wild-type allele is located within 12q13.11-q13.2 and is approximately 32 kb in length. This allele, which encodes collagen alpha-1(II) chain protein, is involved in the mediation of both cartilage structure and skeletal development. Mutations in the gene are associated with a large number of inherited disorders.