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FANCD2 wt Allele

National Cancer Institute

Source

National Cancer Institute. *FANCD2 wt Allele*. NCI Thesaurus. Code C86550.

Human FANCD2 wild-type allele is located in the vicinity of 3p26 and is approximately 76 kb in length. This allele, which encodes Fanconi anemia group D2 protein, plays a role in the mediation of homolog pairing in meiosis, cell cycle checkpoint regulation and the modulation of DNA repair. Mutation of the gene is associated with Fanconi anemia.