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FANCM wt Allele

National Cancer Institute

Source

National Cancer Institute. *FANCM wt Allele*. NCI Thesaurus. Code C54229.

Human FANCM wild-type allele is located in the vicinity of 14q21.3 and is approximately 65 kb in length. This allele, which encodes Fanconi anemia group M protein, is involved in a specific protein ubiquitination that is necessary for DNA repair. Cytogenetic aberrations in the FANCM gene are both a cause of Fanconi anemia and a predisposing factor in the development of malignancies.