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FH wt Allele

National Cancer Institute

Source

National Cancer Institute. *FH wt Allele*. NCI Thesaurus. Code C95269.

Human FH wild-type allele is located in the vicinity of 1q42.1 and is approximately 22 kb in length. This allele, which encodes fumarate hydratase, mitochondrial protein, is involved in the progression of the tricarboxylic acid cycle. Mutation of the gene is associated with hereditary leiomyomatosis and renal cell cancer, multiple cutaneous and uterine leiomyomata and fumarase deficiency.