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# FTO wt Allele

National Cancer Institute

## Source

National Cancer Institute. *FTO wt Allele*. NCI Thesaurus. Code C99469.

Human FTO wild-type allele is located in the vicinity of 16q12.2 and is approximately 418 kb in length. This allele, which encodes alpha-ketoglutarate-dependent dioxygenase FTO protein, plays a role in nucleic acid metabolism. Polymorphism of the gene may be associated with breast cancer risk.