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# UCP1 wt Allele

National Cancer Institute

## Source

National Cancer Institute. *UCP1 wt Allele*. NCI Thesaurus. Code C112493.

Human UCP1 wild-type allele is located within 4q28-q31 and is approximately 9 kb in length. This allele, which encodes mitochondrial brown fat uncoupling protein 1, is involved in thermogenic proton transport. Polymorphism in the gene is associated with susceptibility to both obesity and type II diabetes mellitus.