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ASIP wt Allele

National Cancer Institute

Source

National Cancer Institute. *ASIP wt Allele*. NCI Thesaurus. Code C131342.

Human ASIP wild-type allele is located within 20q11.2-q12 and is approximately 75 kb in length. This allele, which encodes agouti-signaling protein, plays a role in the regulation of melanogenesis. Homozygous polymorphism in the 3' untranslated region of the gene is associated with an increased likelihood of having dark hair and brown eyes.