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# SLC45A2 wt Allele

National Cancer Institute

## Source

National Cancer Institute. *SLC45A2 wt Allele*. NCI Thesaurus. Code C124235.

Human SLC45A2 wild-type allele is located in the vicinity of 5p13.2 and is approximately 40 kb in length. This allele, which encodes membrane-associated transporter protein, plays a role in both melanocyte differentiation and melanin synthesis. Mutation of the gene is associated with oculocutaneous albinism type 4, and polymorphisms in this gene are associated with variations in skin and hair color.