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MC1R wt Allele

National Cancer Institute

Source

National Cancer Institute. *MC1R wt Allele*. NCI Thesaurus. Code C52084.

Human MC1R wild-type allele is located in the vicinity of 16q24.3 and is approximately 17 kb in length. This allele, which encodes melanocyte-stimulating hormone receptor protein, is involved in melanocyte-stimulated hormone signaling which controls melanogenesis. Certain allelic variants of the MCR1 gene are associated with susceptibility to UV-induced skin damage and melanoma.