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GH1 wt Allele

National Cancer Institute

Source

National Cancer Institute. *GH1 wt Allele*. NCI Thesaurus. Code C52073.

Human GH1 wild-type allele is located in the vicinity of 17q24.2 and is approximately 2 kb in length. This allele, which encodes somatotropin protein, plays a role in the stimulation of insulin-like growth factor 1 secretion. It is also involved in the positive regulation of amino acid uptake, protein synthesis, cell differentiation and cell proliferation. Certain allelic variants of the GH1 gene are associated with growth hormone deficiency and short stature.