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# SMAD1 wt Allele

National Cancer Institute

## Source

National Cancer Institute. *SMAD1 wt Allele*. NCI Thesaurus. Code C106612.

Human SMAD1 wild-type allele is located in the vicinity of 4q31.21 and is approximately 78 kb in length. This allele, which encodes mothers against decapentaplegic homolog 1 protein, is involved in the regulation of cell growth, apoptosis, morphogenesis, development and immune responses.