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SMAD2 wt Allele

National Cancer Institute

Source

National Cancer Institute. *SMAD2 wt Allele*. NCI Thesaurus. Code C52819.

Human SMAD2 wild-type allele is located in the vicinity of 18q21.1 and is approximately 93 kb in length. This allele, which encodes mothers against decapentaplegic homolog 2 protein, plays a role in the potentiation of transforming growth factor-beta signaling; and thus, regulates cellular proliferation, apoptosis, and differentiation.