

[Open Peer Review on Qeios](#)

SENP1 wt Allele

National Cancer Institute

Source

National Cancer Institute. *SENP1 wt Allele*. NCI Thesaurus. Code C98062.

Human SENP1 wild-type allele is located in the vicinity of 12q13.1 and is approximately 63 kb in length. This allele, which encodes sentrin-specific protease 1 protein, plays a role in both protein desumoylation and the positive regulation of apoptosis. A patient with infantile sacrococcygeal teratoma was found to have a balanced chromosomal translocation t(12;15)(q13;q25) which fuses this gene and the MESDC2 gene.