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# S100A2 wt Allele

National Cancer Institute

## Source

National Cancer Institute. *S100A2 wt Allele*. NCI Thesaurus. Code C52260.

Human S100A2 wild-type allele is located within 1q21 and is approximately 5 kb in length. This allele, which encodes S100-A2 protein, plays a role in the regulation of several diverse cellular processes including cell cycle progression and differentiation. Chromosomal rearrangements and altered gene expression have been implicated in breast cancer.