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ATF1 wt Allele

National Cancer Institute

Source

National Cancer Institute. *ATF1 wt Allele*. NCI Thesaurus. Code C92178.

Human ATF1 wild-type allele is located in the vicinity of 12q13 and is approximately 57 kb in length. This allele, which encodes cyclic AMP-dependent transcription factor ATF-1 protein, plays a role in transcriptional regulation. Two translocations of this gene are associated with angiomatoid fibrous histiocytoma and clear cell sarcoma. Translocation t(12;16)(q13;p11.2) with the FUS gene and t(12;22)(q13;q12) with the EWSR1 gene are expressed as fusion proteins.