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HDAC3 wt Allele

National Cancer Institute

Source

National Cancer Institute. *HDAC3 wt Allele*. NCI Thesaurus. Code C49391.

Human HDAC3 wild-type allele is located within 5q31 and is approximately 16 kb in length. This allele, which encodes histone deacetylase 3 protein, plays a role in the both the deacetylation of lysine residues on the N-terminal region of the core histones (H2A, H2B, H3 and H4) and the binding of transcription factor YY1. Deregulation of HDAC3 gene expression is associated with colon cancer.