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HDAC2 wt Allele

National Cancer Institute

Source

National Cancer Institute. *HDAC2 wt Allele*. NCI Thesaurus. Code C49390.

Human HDAC2 wild-type allele is located within 6q21 and is approximately 30 kb in length. This allele, which encodes histone deacetylase 2 protein, is involved in both the deacetylation of lysine residues on the N-terminal region of the core histones (H2A, H2B, H3 and H4) and the formation of transcriptional repressor complexes. Reduced expression of the HDAC2 gene is associated with chronic obstructive pulmonary disease.