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# CYP27A1 wt Allele

National Cancer Institute

## Source

National Cancer Institute. *CYP27A1 wt Allele*. NCI Thesaurus. Code C104150.

Human CYP27A1 wild-type allele is located within 2q35 and is approximately 34 kb in length. This allele, which encodes sterol 26-hydroxylase, mitochondrial protein, plays a role in bile synthesis and cholesterol homeostasis. Mutations in CYP27A1 are associated with cerebrotendinous xanthomatosis.