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# BCHE wt Allele

National Cancer Institute

## Source

National Cancer Institute. *BCHE wt Allele*. NCI Thesaurus. Code C49361.

Human BCHE wild-type allele is located within 3q26.1-q26.2 and is approximately 65 kb in length. This allele, which encodes cholinesterase protein, plays a role in the hydrolysis of acylcholines. Certain allelic variants of the BCHE gene are responsible for hypocholinesterasemia, resulting in suxamethonium sensitivity and post-anesthetic apnea. Specific inherited defects in this gene are associated with Alzheimer's disease.