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NOS3 wt Allele

National Cancer Institute

Source

National Cancer Institute. *NOS3 wt Allele*. NCI Thesaurus. Code C50899.

Human NOS3 wild-type allele is located within 7q36 and is approximately 24 kb in length. This allele, which encodes nitric-oxide synthase, endothelial protein, is involved in the biosynthesis of nitric oxide from L-arginine and molecular oxygen. Certain allelic variants of the NOS3 gene are associated with susceptibility to atherosclerosis, pregnancy-induced hypertension, pulmonary hypertension or late-onset Alzheimer's disease.