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SLC6A4 wt Allele

National Cancer Institute

Source

National Cancer Institute. *SLC6A4 wt Allele*. NCI Thesaurus. Code C105875.

Human SLC6A4 wild-type allele is located in the vicinity of 17q11.2 and is approximately 42 kb in length. This allele, which encodes sodium-dependent serotonin transporter protein, plays a role in serotonin uptake. Polymorphism in the promoter region affects gene expression and lower gene expression is associated with depression. Coding region variations are associated with genetic susceptibility to both obsessive-compulsive disorder and alcoholism.