

Slc6a1-KO(3)

Nomenclature	C57BL/6Smoc- <i>Slc6a1</i> ^{emSmoc}
Cat. NO.	NM-KO-210126
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol Slc6a1	Synonyms	Gabt, Gat1, XT-1, GAT-1, Gabt1, Xtrp1, GABATR, GABATHG, A730043E01
	NCBI ID	232333
	MGI ID	95627
	Ensembl ID	ENSMUSG00000030310
	Human Ortholog	SLC6A1

Model Description

Slc6a1-KO(3) mice (Stock No. NM-KO-210126) carry a knockout allele derived from the targeted deletion of exon 7. While Slc6a1-KO mice (Stock No. NM-KO-00002) carrying the exon 2-3 deletion. Slc6a1-KO(2) mice (Stock No. NM-KO-210290) carrying the exon 6 deletion.

*Literature published using this strain should indicate: Slc6a1-KO(3) mice (Cat. NO. NM-KO-210126) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

schizophrenia	Phenotype(s)	MGI:5559028
	Reference(s)	Yu Z, Fang Q, Xiao X, Wang YZ, Cai YQ, Cao H, Hu G, Chen Z, Fei J, Gong N, Xu TL, GABA transporter-1 deficiency confers schizophrenia-like behavioral phenotypes. PLoS One. 2013;8(7):e69883

Validation Data

No data

