

# Slc6a3-KO

系統名	C57BL/6Smoc- <i>Slc6A3</i> <sup>em1Smoc</sup>
SMOC番号	NM-KO-191034
維持形態	Embryo cryopreservation

## 遺伝子の概要

Gene Symbol <b>Slc6a3</b>	<b>Synonyms</b>	DAT, Dat1
	<b>NCBI ID</b>	<a href="#">13162</a>
	<b>MGI ID</b>	<a href="#">94862</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000021609</a>
	<b>Human Ortholog</b>	SLC6A3

## 説明

Exon 4 of Slc6a3 gene was deleted to generate Slc6a3 knockout mice.

**応用分野:** Dwarfism, nervous system, dopamine regulation, epilepsy, ADHD, alcohol and cocaine dependence, Parkinson's disease, nicotine dependence

\*Literature published using this strain should indicate: Slc6a3-KO mice (Cat. NO. NM-KO-191034) were purchased from Shanghai Model Organisms Center, Inc..

## 病気の予測

schizophrenia	<b>表現型</b>	<a href="#">MGI:2654500</a>
	<b>参考文献</b>	Giros B, Jaber M, Jones SR, Wightman RM, Caron MG, Hyperlocomotion and indifference to cocaine and amphetamine in mice lacking the dopamine transporter. Nature. 1996 Feb 15;379(6566):606-12

## 表現型データ

No data