

Slc17a5-KO

Nomenclature	C57BL/6Smoc- <i>Slc17a5</i> ^{em1Smoc}
Cat. NO.	NM-KO-201206
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol Slc17a5	Synonyms	SD, AST, NSD, SLD, ISSD, SIASD, SIALIN, 4732491M05, 4631416G20Rik
	NCBI ID	235504
	MGI ID	1924105
	Ensembl ID	ENSMUSG00000049624
	Human Ortholog	SLC17A5

Model Description

Exon 2 of Slc17a5 gene was deleted to generate Slc17a5 knockout mice.

*Literature published using this strain should indicate: Slc17a5-KO mice (Cat. NO. NM-KO-201206) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Lysosomal Storage Disease	Phenotype(s)	MGI:3609722
	Reference(s)	Lexicon Genetics Inc, NIH initiative supporting placement of Lexicon Genetics, Inc. mice into public repositories. MGI Direct Data Submission. 2005;
Sialuria	Phenotype(s)	MGI:4440830
	Reference(s)	Prolo LM, Vogel H, Reimer RJ, The lysosomal sialic acid transporter sialin is required for normal CNS myelination. J Neurosci. 2009 Dec 9;29(49):15355-65

Validation Data

No data
