

Nrxn1-KO

Nomenclature	C57BL/6Smoc- <i>Nrxn1</i> ^{em1Smoc}
Cat. NO.	NM-KO-201765
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol Nrxn1	Synonyms	mKIAA0578, 1700062G21Rik, 9330127H16Rik, A230068P09Rik
	NCBI ID	18189
	MGI ID	1096391
	Ensembl ID	ENSMUSG00000024109

Model Description

Exon 6 of Nrxn1 gene was deleted to generate Nrxn1 knockout mice.

*Literature published using this strain should indicate: Nrxn1-KO mice (Cat. NO. NM-KO-201765) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Schizophrenia	Phenotype(s)	MGI:5428133
	Reference(s)	Etherton MR, Blaiss CA, Powell CM, Sudhof TC, Mouse neurexin-1alpha deletion causes correlated electrophysiological and behavioral changes consistent with cognitive impairments. Proc Natl Acad Sci U S A. 2009 Oct 20;106(42):17998-8003

Validation Data

No data