

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

[Nrnxn2^{tm1Sud}/Nrnxn2^{tm1Sud}; Nrnxn1^{tm1Sud}/Nrnxn1^{tm1Sud}](#)

RRID:MGI:4437134

Type: Organism

Proper Citation

RRID:MGI:4437134

Organism Information

URL:

Proper Citation: RRID:MGI:4437134

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: decreased CNS synapse formation, respiratory distress, abnormal CNS synaptic transmission, abnormal excitatory postsynaptic currents, postnatal lethality, incomplete penetrance

Affected Gene: Nrnxn2, Nrnxn1

Genomic Alteration: tm1Sud

Catalog Number: 4437134

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12827191](#)

Organism Name: Nrnxn2^{tm1Sud}/Nrnxn2^{tm1Sud}; Nrnxn1^{tm1Sud}/Nrnxn1^{tm1Sud}

Record Creation Time: 20240120T190306+0000

Record Last Update: 20240130T201825+0000

Ratings and Alerts

No rating or validation information has been found for Nr_{xn2}^{tm1Sud}/Nr_{xn2}^{tm1Sud}; Nr_{xn1}^{tm1Sud}/Nr_{xn1}^{tm1Sud}.

No alerts have been found for Nr_{xn2}^{tm1Sud}/Nr_{xn2}^{tm1Sud}; Nr_{xn1}^{tm1Sud}/Nr_{xn1}^{tm1Sud}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.