

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

[Stx1b^{tm1Tmis}/Stx1b^{tm1Tmis}](#)

RRID:MGI:5605504

Type: Organism

Proper Citation

RRID:MGI:5605504

Organism Information

URL:

Proper Citation: RRID:MGI:5605504

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

Species: Mus musculus

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

Phenotype: abnormal synapse morphology, abnormal AMPA-mediated synaptic currents, abnormal GABA-mediated receptor currents, abnormal miniature excitatory postsynaptic currents, decreased body size, abnormal miniature inhibitory postsynaptic currents, abnormal paired-pulse inhibition, abnormal synaptic vesicle recycling, abnormal CNS synaptic transmission, abnormal synaptic vesicle number, postnatal lethality, complete penetrance

Affected Gene: Stx1b

Genomic Alteration: tm1Tmis

Catalog Number: 5605504

Background: B6.Cg-Stx1b

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:24587181](#)

Organism Name: Stx1b^{tm1Tmis}/Stx1b^{tm1Tmis}

Record Creation Time: 20240120T190038+0000

Record Last Update: 20240130T201701+0000

Ratings and Alerts

No rating or validation information has been found for Stx1b^{tm1Tmis}/Stx1b^{tm1Tmis}.

No alerts have been found for Stx1b^{tm1Tmis}/Stx1b^{tm1Tmis}.

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.