

Resource Summary Report

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

Grin1^{tm2Stl}/Grin1^{tm2Stl}; Tg(Grik4-cre)G32-4Stl

RRID:MGI:3582225

Type: Organism

Proper Citation

RRID:MGI:3582225

Organism Information

URL:

Proper Citation: RRID:MGI:3582225

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

Species: Mus musculus

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

Phenotype: abnormal NMDA-mediated synaptic currents, abnormal single cell response, abnormal spatial learning, reduced long term potentiation

Affected Gene: Grin1

Genomic Alteration: tm2Stl, Tg(Grik4-cre)G32-4Stl

Catalog Number: 3582225

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12040087](#)

Organism Name: Grin1^{tm2Stl}/Grin1^{tm2Stl}; Tg(Grik4-cre)G32-4Stl

Record Creation Time: 20240120T190628+0000

Record Last Update: 20240130T202021+0000

Ratings and Alerts

No rating or validation information has been found for Grin1^{tm2Stl}/Grin1^{tm2Stl}; Tg(Grik4-cre)G32-4Stl.

No alerts have been found for Grin1^{tm2Stl}/Grin1^{tm2Stl}; Tg(Grik4-cre)G32-4Stl.

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.