

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

Tg(Camk2a-cre)1Gsc; Gria2^{tm3Rsp}/Gria2^{tm3Rsp}

RRID:MGI:3701766

Type: Organism

Proper Citation

RRID:MGI:3701766

Organism Information

URL:

Proper Citation: RRID:MGI:3701766

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

Species: Mus musculus

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

Phenotype: abnormal excitatory postsynaptic potential, abnormal excitatory postsynaptic currents, abnormal neuron differentiation, abnormal brain interneuron morphology, behavior/neurological phenotype, abnormal spatial reference memory, abnormal paired-pulse facilitation, loss of hippocampal neurons, abnormal spatial working memory, abnormal AMPA-mediated synaptic currents

Affected Gene: Gria2

Genomic Alteration: tm3Rsp, Tg(Camk2a-cre)1Gsc

Catalog Number: 3701766

Background: involves: 129S1/Sv * 129X1/SvJ * BALB/cJ * FVB/N

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16914668](#)

Organism Name: Tg(Camk2a-cre)1Gsc; Gria2^{tm3Rsp}/Gria2^{tm3Rsp}

Record Creation Time: 20240120T190528+0000

Record Last Update: 20240130T201946+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Camk2a-cre)1Gsc; Gria2^{tm3Rsp}/Gria2^{tm3Rsp}.

No alerts have been found for Tg(Camk2a-cre)1Gsc; Gria2^{tm3Rsp}/Gria2^{tm3Rsp}.

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.