

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 1, 2026

Tg(Camk2a-cre)2Gsc

RRID:MGI:4457404

Type: Organism

Proper Citation

RRID:MGI:4457404

Organism Information

URL:

Proper Citation: RRID:MGI:4457404

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

Species: Mus musculus

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

Genomic Alteration: Tg(Camk2a-cre)2Gsc

Catalog Number: 4457404

Background: involves: C57BL/6 * FVB/N

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Organism Name: Tg(Camk2a-cre)2Gsc

Record Creation Time: 20240120T190256+0000

Record Last Update: 20240130T201820+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Camk2a-cre)2Gsc.

No alerts have been found for Tg(Camk2a-cre)2Gsc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Matsuura K, et al. (2022) Synaptotagmin 2 is ectopically overexpressed in excitatory presynapses of a widely used CaMK α -Cre mouse line. iScience, 25(8), 104692.

Lin R, et al. (2021) Homer1a regulates Shank3 expression and underlies behavioral vulnerability to stress in a model of Phelan-McDermid syndrome. Cell reports, 37(7), 110014.

Griffin P, et al. (2020) REV-ERB α mediates complement expression and diurnal regulation of microglial synaptic phagocytosis. eLife, 9.

Crouse RB, et al. (2020) Acetylcholine is released in the basolateral amygdala in response to predictors of reward and enhances the learning of cue-reward contingency. eLife, 9.