

Resource Summary Report

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

[Tg\(CAG-cre/Esr1*\)5Amc; Map3k12^{tm1Lewc}/Map3k12^{tm1Lewc}](#)

RRID:MGI:5502227

Type: Organism

Proper Citation

RRID:MGI:5502227

Organism Information

URL:

Proper Citation: RRID:MGI:5502227

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

Species: Mus musculus

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

Phenotype: decreased retinal ganglion cell number

Affected Gene: Map3k12

Genomic Alteration: tm1Lewc, Tg(CAG-cre/Esr1*)5Amc

Catalog Number: 5502227

Background: involves: C57BL/6 * CBA

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:23431164](#)

Organism Name: Tg(CAG-cre/Esr1*)5Amc; Map3k12^{tm1Lewc}/Map3k12^{tm1Lewc}

Record Creation Time: 20240120T190113+0000

Record Last Update: 20240130T201721+0000

Ratings and Alerts

No rating or validation information has been found for Tg(CAG-cre/Esr1*)5Amc; Map3k12^{tm1Lewc}/Map3k12^{tm1Lewc}.

No alerts have been found for Tg(CAG-cre/Esr1*)5Amc; Map3k12^{tm1Lewc}/Map3k12^{tm1Lewc}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Larhammar M, et al. (2017) Dual leucine zipper kinase-dependent PERK activation contributes to neuronal degeneration following insult. eLife, 6.