

Resource Summary Report

Generated by [nidm-terms](#) on Aug 2, 2026

[Map3k12^{tm1Shir}/Map3k12^{tm1Shir}](#)

RRID:MGI:3693127

Type: Organism

Proper Citation

RRID:MGI:3693127

Organism Information

URL:

Proper Citation: RRID:MGI:3693127

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

Species: Mus musculus

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

Phenotype: abnormal neuronal migration, abnormal olfactory bulb morphology, abnormal brain internal capsule morphology, abnormal enzyme/coenzyme activity, postnatal lethality, complete penetrance, abnormal brain morphology, abnormal olfactory tract morphology, decreased corpus callosum size, abnormal anterior commissure pars anterior morphology, abnormal anterior commissure pars posterior morphology, abnormal brain white matter morphology, abnormal anterior commissure morphology, abnormal cerebral cortex morphology, abnormal cingulum morphology

Affected Gene: Map3k12

Genomic Alteration: tm1Shir

Catalog Number: 3693127

Background: B6.Cg-Mapk12

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17108173](#)

Organism Name: Map3k12^{tm1Shir}/Map3k12^{tm1Shir}

Record Creation Time: 20240120T190538+0000

Record Last Update: 20240130T201952+0000

Ratings and Alerts

No rating or validation information has been found for Map3k12^{tm1Shir}/Map3k12^{tm1Shir}.

No alerts have been found for Map3k12^{tm1Shir}/Map3k12^{tm1Shir}.

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.