

Resource Summary Report

Generated by [dkNET](#) on Sep 6, 2026

[Gt\(ROSA\)26Sor^{tm1\(Kcnj11*V59M\)}Fmas](#)
[/Gt\(ROSA\)26Sor⁺; Tg\(Nes-cre\)1Kln](#)

RRID:MGI:4819394

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:4819394

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

Species: Mus musculus

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

Phenotype: perinatal lethality, incomplete penetrance, decreased grip strength, impaired balance, impaired coordination, hyperactivity, abnormal nervous system electrophysiology, abnormal action potential, decreased body weight, abnormal channel response, muscle weakness

Affected Gene: Gt(ROSA)26Sor, Tg(Nes-cre)1Kln

Genomic Alteration: tm1(Kcnj11*V59M)Fmas, Tg(Nes-cre)1Kln

Catalog Number: 4819394

Background: involves: 129S4/SvJae * C57BL/6 * SJL

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:20595581](#)

Organism Name: Gt(ROSA)26Sor^{tm1(Kcnj11*V59M)Fmas}/Gt(ROSA)26Sor⁺; Tg(Nes-cre)1Kln

Record Creation Time: 20240120T190251+0000

Record Last Update: 20240130T201817+0000

Ratings and Alerts

No rating or validation information has been found for Gt(ROSA)26Sor^{tm1(Kcnj11*V59M)Fmas}/Gt(ROSA)26Sor⁺; Tg(Nes-cre)1Kln.

No alerts have been found for Gt(ROSA)26Sor^{tm1(Kcnj11*V59M)Fmas}/Gt(ROSA)26Sor⁺; Tg(Nes-cre)1Kln.

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.