

Resource Summary Report

Generated by [dkNET](#) on Sep 1, 2026

[Kcna2^{tm1Tem}/Kcna2^{tm1Tem}](#)

RRID:MGI:3774494

Type: Organism

Proper Citation

RRID:MGI:3774494

Organism Information

URL:

Proper Citation: RRID:MGI:3774494

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

Species: Mus musculus

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

Phenotype: postnatal lethality, complete penetrance, tonic seizures, increased susceptibility to pharmacologically induced seizures, impaired ability to fire action potentials, decreased body weight, apnea, abnormal nervous system electrophysiology, abnormal channel response, abnormal action potential

Affected Gene: Kcna2

Genomic Alteration: tm1Tem

Catalog Number: 3774494

Background: C3Fe.129S7-Kcna2

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17634333](#)

Organism Name: Kcna2^{tm1Tem}/Kcna2^{tm1Tem}

Record Creation Time: 20240120T190446+0000

Record Last Update: 20240130T201923+0000

Ratings and Alerts

No rating or validation information has been found for Kcna2^{tm1Tem}/Kcna2^{tm1Tem}.

No alerts have been found for Kcna2^{tm1Tem}/Kcna2^{tm1Tem}.

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.