

Resource Summary Report

Generated by [NIF](#) on Aug 9, 2026

[Kcna3^{tm1Lys}/Kcna3^{tm1Lys}](#)

RRID:MGI:2679442

Type: Organism

Proper Citation

RRID:MGI:2679442

Organism Information

URL:

Proper Citation: RRID:MGI:2679442

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

Species: Mus musculus

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

Phenotype: no abnormal phenotype detected

Affected Gene: Kcna3

Genomic Alteration: tm1Lys

Catalog Number: 2679442

Background: involves: 129/Sv * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12878608](#)

Organism Name: Kcna3^{tm1Lys}/Kcna3^{tm1Lys}

Record Creation Time: 20240120T190721+0000

Record Last Update: 20240130T202051+0000

Ratings and Alerts

No rating or validation information has been found for Kcna3^{tm1Lys}/Kcna3^{tm1Lys}.

No alerts have been found for Kcna3^{tm1Lys}/Kcna3^{tm1Lys}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Huffstetler CM, et al. (2023) Single cannabidiol administration affects anxiety-, obsessive compulsive-, object memory-, and attention-like behaviors in mice in a sex and concentration dependent manner. Pharmacology, biochemistry, and behavior, 222, 173498.

Chelette BM, et al. (2019) Long-term obesogenic diet and targeted deletion of potassium channel Kv 1.3 have differing effects on voluntary exercise in mice. Physiological reports, 7(20), e14254.