# Resource Summary Report

Generated by dkNET on Sep 16, 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 dkNET .

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.