

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 3, 2026

[Kcna3^{tm1Gvd}/Kcna3^{tm1Gvd}](#)

RRID:MGI:3043097

Type: Organism

Proper Citation

RRID:MGI:3043097

Organism Information

URL:

Proper Citation: RRID:MGI:3043097

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

Species: Mus musculus

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

Phenotype: abnormal glucose homeostasis, increased insulin sensitivity, decreased susceptibility to diet-induced obesity, increased basal metabolism, increased muscle cell glucose uptake, decreased circulating insulin level, decreased body weight

Affected Gene: Kcna3

Genomic Alteration: tm1Gvd

Catalog Number: 3043097

Background: involves: 129S1/Sv * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12588802](#), [PMID:14981264](#)

Organism Name: Kcna3^{tm1Gvd}/Kcna3^{tm1Gvd}

Record Creation Time: 20240120T190700+0000

Record Last Update: 20240130T202039+0000

Ratings and Alerts

No rating or validation information has been found for Kcna3^{tm1Gvd}/Kcna3^{tm1Gvd}.

No alerts have been found for Kcna3^{tm1Gvd}/Kcna3^{tm1Gvd}.

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.