

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

[Kcnj3^{tm1Kwn}/Kcnj3^{tm1Kwn}](#)

RRID:MGI:3041949

Type: Organism

Proper Citation

RRID:MGI:3041949

Organism Information

URL:

Proper Citation: RRID:MGI:3041949

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

Species: Mus musculus

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

Phenotype: abnormal myocardial fiber physiology, increased heart rate

Affected Gene: Kcnj3

Genomic Alteration: tm1Kwn

Catalog Number: 3041949

Background: involves: 129X1/SvJ

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12374786](#)

Organism Name: Kcnj3^{tm1Kwn}/Kcnj3^{tm1Kwn}

Record Creation Time: 20240120T190702+0000

Record Last Update: 20240130T202133+0000

Ratings and Alerts

No rating or validation information has been found for Kcnj3^{tm1Kwn}/Kcnj3^{tm1Kwn}.

No alerts have been found for Kcnj3^{tm1Kwn}/Kcnj3^{tm1Kwn}.

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](#) .

Vo BN, et al. (2021) Bidirectional influence of limbic GIRK channel activation on innate avoidance behavior. The Journal of neuroscience : the official journal of the Society for Neuroscience, 41(27), 5809.

Rose TR, et al. (2021) Impact of Acute and Persistent Excitation of Prelimbic Pyramidal Neurons on Motor Activity and Trace Fear Learning. The Journal of neuroscience : the official journal of the Society for Neuroscience, 41(5), 960.