

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

[Kcnj11^{tm1Sse}/Kcnj11^{tm1Sse}](#)

RRID:MGI:3619147

Type: Organism

Proper Citation

RRID:MGI:3619147

Organism Information

URL:

Proper Citation: RRID:MGI:3619147

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

Species: Mus musculus

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

Phenotype: slow postnatal weight gain, abnormal food intake, abnormal locomotor activation, decreased abdominal fat pad weight, pigmentation phenotype, abnormal action potential, increased energy expenditure, decreased subcutaneous adipose tissue amount, decreased susceptibility to diet-induced obesity, abnormal glucose homeostasis, decreased glucagon secretion, increased circulating atrial natriuretic factor, hypoglycemia, abnormal food intake, increased mean systemic arterial blood pressure, abnormal nerve fiber response, increased oxygen consumption, decreased aerobic running capacity

Affected Gene: Kcnj11

Genomic Alteration: tm1Sse

Catalog Number: 3619147

Background: B6.129P2-Kcnj11

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11319559](#), [PMID:15949470](#), [PMID:20074528](#)

Organism Name: Kcnj11^{tm1Sse}/Kcnj11^{tm1Sse}

Record Creation Time: 20240120T190605+0000

Record Last Update: 20240130T202101+0000

Ratings and Alerts

No rating or validation information has been found for Kcnj11^{tm1Sse}/Kcnj11^{tm1Sse}.

No alerts have been found for Kcnj11^{tm1Sse}/Kcnj11^{tm1Sse}.

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.