

Resource Summary Report

Generated by [T1D](#) on Sep 20, 2026

[Kcnj1^{tm1Ges}/Kcnj1^{tm1Ges}](#)

RRID:MGI:3041878

Type: Organism

Proper Citation

RRID:MGI:3041878

Organism Information

URL:

Proper Citation: RRID:MGI:3041878

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

Species: Mus musculus

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

Phenotype: decreased skin turgor, postnatal lethality, incomplete penetrance, decreased tubuloglomerular feedback response, dehydration, abnormal urine homeostasis, postnatal growth retardation, hydronephrosis, metabolic acidosis, polyuria, decreased renal glomerular filtration rate, increased circulating sodium level, decreased systemic arterial blood pressure, polydipsia, increased hematocrit, wrinkled skin, decreased urine osmolality

Affected Gene: Kcnj1

Genomic Alteration: tm1Ges

Catalog Number: 3041878

Background: involves: 129X1/SvJ * Black Swiss

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12122007](#)

Organism Name: Kcnj1^{tm1Ges}/Kcnj1^{tm1Ges}

Record Creation Time: 20240120T190702+0000

Record Last Update: 20240130T202041+0000

Ratings and Alerts

No rating or validation information has been found for Kcnj1^{tm1Ges}/Kcnj1^{tm1Ges}.

No alerts have been found for Kcnj1^{tm1Ges}/Kcnj1^{tm1Ges}.

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.