

Resource Summary Report

Generated by [NIF](#) on Sep 22, 2026

[Kcnn4^{tm1Rklr}](#)/[Kcnn4^{tm1Rklr}](#)

RRID:MGI:3723135

Type: Organism

Proper Citation

RRID:MGI:3723135

Organism Information

URL:

Proper Citation: RRID:MGI:3723135

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

Species: Mus musculus

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

Phenotype: increased spleen weight, increased systemic arterial diastolic blood pressure, increased heart weight, abnormal heart left ventricle morphology, increased mean systemic arterial blood pressure, abnormal heart morphology, enlarged spleen, abnormal systemic arterial blood pressure, abnormal erythrocyte osmotic lysis, decreased vasodilation, increased systemic arterial systolic blood pressure, abnormal red blood cell deformability, macrocytosis, increased mean corpuscular volume, increased hematocrit, increased hemoglobin concentration distribution width, increased spleen iron level

Affected Gene: Kcnn4

Genomic Alteration: tm1Rklr

Catalog Number: 3723135

Background: involves: 129S/SvEv * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19037656](#), [PMID:16873714](#)

Organism Name: Kcnn4^{tm1Rklr}/Kcnn4^{tm1Rklr}

Record Creation Time: 20240120T190501+0000

Record Last Update: 20240130T201931+0000

Ratings and Alerts

No rating or validation information has been found for Kcnn4^{tm1Rklr}/Kcnn4^{tm1Rklr}.

No alerts have been found for Kcnn4^{tm1Rklr}/Kcnn4^{tm1Rklr}.

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.