

Resource Summary Report

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

[Kcnma1^{tm1Ruth}/Kcnma1^{tm1Ruth}](#)

RRID:MGI:3050200

Type: Organism

Proper Citation

RRID:MGI:3050200

Organism Information

URL:

Proper Citation: RRID:MGI:3050200

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

Species: Mus musculus

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

Phenotype: short stride length, abnormal eye blink conditioning behavior, impaired coordination, abnormal gait, tremors, impaired swimming, increased systemic arterial blood pressure, abnormal digestive system physiology, abnormal feces composition, ataxia, abnormal motor capabilities/coordination/movement, impaired ability to fire action potentials, increased blinking frequency, abnormal postnatal growth, increased synaptic depression, abnormal muscle contractility, increased muscle relaxation, increased urination frequency, abnormal urinary bladder physiology

Affected Gene: Kcnma1

Genomic Alteration: tm1Ruth

Catalog Number: 3050200

Background: involves: 129/Sv * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16571783](#), [PMID:19220851](#), [PMID:15194823](#)

Organism Name: Kcnma1^{tm1Ruth}/Kcnma1^{tm1Ruth}

Record Creation Time: 20240120T190654+0000

Record Last Update: 20240130T202036+0000

Ratings and Alerts

No rating or validation information has been found for Kcnma1^{tm1Ruth}/Kcnma1^{tm1Ruth}.

No alerts have been found for Kcnma1^{tm1Ruth}/Kcnma1^{tm1Ruth}.

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.