

Resource Summary Report

Generated by [ASWG](#) on Sep 19, 2026

[Kcnma1^{tm1Rwa}/Kcnma1^{tm1Rwa}](#)

RRID:MGI:3053922

Type: Organism

Proper Citation

RRID:MGI:3053922

Organism Information

URL:

Proper Citation: RRID:MGI:3053922

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

Species: Mus musculus

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

Phenotype: abnormal urinary bladder physiology, urinary incontinence, decreased body weight, unidirectional circling, abnormal gait, ataxia, increased urination frequency, short stride length, decreased litter size, premature death, impaired coordination, abnormal cochlear inner hair cell physiology, decreased susceptibility to noise-induced hearing loss

Affected Gene: Kcnma1

Genomic Alteration: tm1Rwa

Catalog Number: 3053922

Background: FVB.129-Kcnma1

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17135251](#), [PMID:15184377](#)

Organism Name: Kcnma1^{tm1Rwa}/Kcnma1^{tm1Rwa}

Record Creation Time: 20240120T190650+0000

Record Last Update: 20240130T202034+0000

Ratings and Alerts

No rating or validation information has been found for Kcnma1^{tm1Rwa}/Kcnma1^{tm1Rwa}.

No alerts have been found for Kcnma1^{tm1Rwa}/Kcnma1^{tm1Rwa}.

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.