

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

[Slc4a11^{tm1.1Jrcy}/Slc4a11^{tm1.1Jrcy}](#)

RRID:MGI:5524271

Type: Organism

Proper Citation

RRID:MGI:5524271

Organism Information

URL:

Proper Citation: RRID:MGI:5524271

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

Species: Mus musculus

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

Phenotype: decreased urine creatine level, decreased urine calcium level, abnormal urine homeostasis, decreased urine sodium level, abnormal corneal endothelium morphology, edema, abnormal Descemet membrane, increased cornea thickness, decreased urine chloride ion level, decreased urine osmolality, decreased urine potassium level, decreased urine magnesium level, increased cornea thickness, edema, corneal opacity, abnormal corneal endothelium morphology

Affected Gene: Slc4a11

Genomic Alteration: tm1.1Jrcy

Catalog Number: 5524271

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:23942972](#), [PMID:23813972](#)

Organism Name: Slc4a11^{tm1.1Jrcy}/Slc4a11^{tm1.1Jrcy}

Record Creation Time: 20240120T190103+0000

Record Last Update: 20240130T201715+0000

Ratings and Alerts

No rating or validation information has been found for Slc4a11^{tm1.1Jrcy}/Slc4a11^{tm1.1Jrcy}.

No alerts have been found for Slc4a11^{tm1.1Jrcy}/Slc4a11^{tm1.1Jrcy}.

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.