

Resource Summary Report

Generated by [T1D](#) on Sep 18, 2026

[Slc12a1^{tm1Tkh}/Slc12a1^{tm1Tkh}](#)

RRID:MGI:3036453

Type: Organism

Proper Citation

RRID:MGI:3036453

Organism Information

URL:

Proper Citation: RRID:MGI:3036453

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

Species: Mus musculus

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

Phenotype: postnatal growth retardation, postnatal lethality, complete penetrance, nephrocalcinosis, abnormal blood homeostasis, abnormal fluid regulation, abnormal kidney physiology, polyuria, increased circulating sodium level, decreased circulating glucose level, abnormal kidney morphology, increased circulating chloride level, hydronephrosis, increased urine calcium level, increased circulating creatinine level, increased hematocrit, abnormal renal tubule morphology, increased circulating total protein level, metabolic acidosis, increased renin activity, kidney failure, decreased skin turgor

Affected Gene: Slc12a1

Genomic Alteration: tm1Tkh

Catalog Number: 3036453

Background: involves: 129S6/SvEvTac

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10779555](#)

Organism Name: Slc12a1^{tm1Tkh}/Slc12a1^{tm1Tkh}

Record Creation Time: 20240120T190708+0000

Record Last Update: 20240130T202119+0000

Ratings and Alerts

No rating or validation information has been found for Slc12a1^{tm1Tkh}/Slc12a1^{tm1Tkh}.

No alerts have been found for Slc12a1^{tm1Tkh}/Slc12a1^{tm1Tkh}.

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.