

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 14, 2026

## [Slc12a1<sup>tm1Tkh</sup>/Slc12a1<sup>tm1Tkh</sup>](#)

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<sup>tm1Tkh</sup>/Slc12a1<sup>tm1Tkh</sup>

**Record Creation Time:** 20240120T190708+0000

**Record Last Update:** 20240130T202119+0000

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## Ratings and Alerts

No rating or validation information has been found for Slc12a1<sup>tm1Tkh</sup>/Slc12a1<sup>tm1Tkh</sup>.

No alerts have been found for Slc12a1<sup>tm1Tkh</sup>/Slc12a1<sup>tm1Tkh</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.