

Resource Summary Report

Generated by [NIF](#) on Aug 17, 2026

C57BL/6N-Slc41a3tm1a(KOMP)Wtsi/Mmucd

RRID:MMRRC_049729-UCD

Type: Organism

Proper Citation

RRID:MMRRC_049729-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=49729

Proper Citation: RRID:MMRRC_049729-UCD

Description: Mus musculus with name C57BL/6N-Slc41a3tm1a(KOMP)Wtsi/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Targeted Mutation ; Collection: KOMP

Phenotype: hydronephrosis [MP:0000519]| limb grasping [MP:0001513]| enlarged kidney [MP:0003068]| ureter stenosis [MP:0003588]| decreased circulating magnesium level [MP:0010093]| abnormal magnesium ion homeostasis [MP:0011979]

Affected Gene: Slc41a3

Catalog Number: 049729-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_49729-UCD, MMRRC_049729, MMRRC_49729

Organism Name: C57BL/6N-Slc41a3tm1a(KOMP)Wtsi/Mmucd

Record Creation Time: 20230308T055307+0000

Record Last Update: 20260815T125549+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-*Slc41a3tm1a(KOMP)Wtsi*/Mmucd.

No alerts have been found for C57BL/6N-*Slc41a3tm1a(KOMP)Wtsi*/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.