

Resource Summary Report

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

C57BL/6N-Slc23a4tm1a(KOMP)Wtsi/Mmucd

RRID:MMRRC_049682-UCD

Type: Organism

Proper Citation

RRID:MMRRC_049682-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=49682

Proper Citation: RRID:MMRRC_049682-UCD

Description: Mus musculus with name C57BL/6N-Slc23a4tm1a(KOMP)Wtsi/Mmucd from MMRRC.

Species: Mus musculus

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

Phenotype: decreased leukocyte cell number [MP:0000221] decreased body weight [MP:0001262]

Affected Gene: Slc23a4

Catalog Number: 049682-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_49682-UCD, MMRRC_049682, MMRRC_49682

Organism Name: C57BL/6N-Slc23a4tm1a(KOMP)Wtsi/Mmucd

Record Creation Time: 20230308T055306+0000

Record Last Update: 20260815T125558+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-*Slc23a4*^{tm1a(KOMP)Wtsi}/Mmucd.

No alerts have been found for C57BL/6N-*Slc23a4*^{tm1a(KOMP)Wtsi}/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Terada K, et al. (2025) Pseudogenization of the *Slc23a4* gene is necessary for the survival of *Xdh*-deficient mice. Scientific reports, 15(1), 3250.