

Resource Summary Report

Generated by [dkNET](#) on Sep 16, 2026

C57BL/6N-Slc25a1^{tm1a(EUCOMM)Wtsi}/BayMmucd

RRID:MMRRC_042258-UCD

Type: Organism

Proper Citation

RRID:MMRRC_042258-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=42258

Proper Citation: RRID:MMRRC_042258-UCD

Description: Mus musculus with name C57BL/6N-Slc25a1^{tm1a(EUCOMM)Wtsi}/BayMmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Targeted Mutation ; Collection: BaSH EUCOMM

Affected Gene: Slc25a1

Catalog Number: 042258-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_42258-UCD, MMRRC_042258, MMRRC_42258

Organism Name: C57BL/6N-Slc25a1^{tm1a(EUCOMM)Wtsi}/BayMmucd

Record Creation Time: 20230308T055224+0000

Record Last Update: 20260912T135009+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-Slc25a1^{tm1a(EUCOMM)Wtsi}/BayMmucd.

No alerts have been found for C57BL/6N-Slc25a1^{tm1a(EUCOMM)Wtsi}/BayMmucd.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Wynne M, et al. (2026) Suppressive Genetic Interactions Between Haploinsufficient Mitochondrial Genes Encoded in the 22q11.2 Microdeletion Locus Define Brain and Cardiac Phenotypes. bioRxiv : the preprint server for biology.

Kasprzyk-Pawelec A, et al. (2024) Loss of the mitochondrial citrate carrier, Slc25a1/CIC disrupts embryogenesis via 2-Hydroxyglutarate. bioRxiv : the preprint server for biology.

Kasprzyk-Pawelec A, et al. (2024) Inactivation of the SLC25A1 gene during embryogenesis induces a unique senescence program controlled by p53. Cell death and differentiation.

Tan M, et al. (2020) Inhibition of the mitochondrial citrate carrier, Slc25a1, reverts steatosis, glucose intolerance, and inflammation in preclinical models of NAFLD/NASH. Cell death and differentiation, 27(7), 2143.