

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

C57BL/6N-Slc38a5tm1(KOMP)Vlclg/Mmucd

RRID:MMRRC_049717-UCD

Type: Organism

Proper Citation

RRID:MMRRC_049717-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=49717

Proper Citation: RRID:MMRRC_049717-UCD

Description: Mus musculus with name C57BL/6N-Slc38a5tm1(KOMP)Vlclg/Mmucd from MMRRC.

Species: Mus musculus

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

Phenotype: hypoglycemia [MP:0000189] increased circulating glucagon level [MP:0002712] decreased circulating insulin level [MP:0002727] abnormal pancreatic alpha cell morphology [MP:0005216] abnormal circulating amino acid level [MP:0005311] pancreatic islet hyperplasia [MP:0005491]

Affected Gene: Slc38a5

Catalog Number: 049717-UCD

Background: deletion

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12730667](#)

Alternate IDs: MMRRC_49717-UCD, MMRRC_049717, MMRRC_49717

Organism Name: C57BL/6N-Slc38a5tm1(KOMP)Vlclg/Mmucd

Record Creation Time: 20230308T055307+0000

Record Last Update: 20260815T125559+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-*Slc38a5*^{tm1(KOMP)Vlcg}/Mmucd.

No alerts have been found for C57BL/6N-*Slc38a5*^{tm1(KOMP)Vlcg}/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.