

Resource Summary Report

Generated by [NIF](#) on Aug 12, 2026

C57BL/6-Oxct1tm1a(KOMP)Wtsi/Mmucd

RRID:MMRRC_048931-UCD

Type: Organism

Proper Citation

RRID:MMRRC_048931-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=48931

Proper Citation: RRID:MMRRC_048931-UCD

Description: Mus musculus with name C57BL/6-Oxct1tm1a(KOMP)Wtsi/Mmucd from MMRRC.

Species: Mus musculus

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

Phenotype: hypoglycemia [MP:0000189]| abnormal glucose homeostasis [MP:0002078]| abnormal muscle physiology [MP:0002106]| increased circulating ketone body level [MP:0002575]| acidosis [MP:0003031]| abnormal nervous system physiology [MP:0003633]| abnormal autophagy [MP:0008260]| neonatal lethality [MP:0011088]| incomplete penetrance [MP:0013404]

Affected Gene: Oxct1

Catalog Number: 048931-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_48931-UCD, MMRRC_048931, MMRRC_48931

Organism Name: C57BL/6-Oxct1tm1a(KOMP)Wtsi/Mmucd

Record Creation Time: 20230308T055301+0000

Record Last Update: 20260808T124426+0000

Ratings and Alerts

No rating or validation information has been found for *C57BL/6-Oxct1tm1a(KOMP)Wtsi/Mmucd*.

No alerts have been found for *C57BL/6-Oxct1tm1a(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.