

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

KOMP ES cell line *Oxct1tm1a(KOMP)Wtsi*

RRID:MMRRC_059864-UCD

Type: Organism

Proper Citation

RRID:MMRRC_059864-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=59864

Proper Citation: RRID:MMRRC_059864-UCD

Description: Mus musculus with name KOMP ES cell line *Oxct1tm1a(KOMP)Wtsi* 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: 059864-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_59864-UCD, MMRRC_059864, MMRRC_59864

Organism Name: KOMP ES cell line *Oxct1tm1a(KOMP)Wtsi*

Record Creation Time: 20230308T055418+0000

Record Last Update: 20260829T125118+0000

Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Oxct1tm1a(KOMP)Wtsi*.

No alerts have been found for KOMP ES cell line *Oxct1tm1a(KOMP)Wtsi*.

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.