

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

KOMP ES cell line *Slc52a3tm2a(KOMP)Wtsi*

RRID:MMRRC_062476-UCD

Type: Organism

Proper Citation

RRID:MMRRC_062476-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=62476

Proper Citation: RRID:MMRRC_062476-UCD

Description: Mus musculus with name KOMP ES cell line *Slc52a3tm2a(KOMP)Wtsi* from MMRRC.

Species: Mus musculus

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

Phenotype: hypoglycemia [MP:0000189]| increased body weight [MP:0001260]| decreased body weight [MP:0001262]| hyperlipidemia [MP:0001548]| premature death [MP:0002083]| abnormal vibrissa morphology [MP:0002098]| abnormal lipid homeostasis [MP:0002118]| glutaricaciduria [MP:0002931]| increased circulating carnitine level [MP:0003979]| abnormal vitamin homeostasis [MP:0004019]| abnormal placental transport [MP:0004265]| decreased placenta weight [MP:0004921]| abnormal vitamin level [MP:0005400]| decreased fetal weight [MP:0009431]| decreased birth weight [MP:0009674]| postnatal lethality [MP:0011086]| incomplete penetrance [MP:0011088]| neonatal lethality [MP:0011940]| incomplete penetrance [MP:0014174]

Affected Gene: Slc52a3

Catalog Number: 062476-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_62476-UCD, MMRRC_062476, MMRRC_62476

Organism Name: KOMP ES cell line *Slc52a3tm2a(KOMP)Wtsi*

Record Creation Time: 20230308T055438+0000

Record Last Update: 20260905T111441+0000

Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Slc52a3tm2a(KOMP)Wtsi*.

No alerts have been found for KOMP ES cell line *Slc52a3tm2a(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.