

Resource Summary Report

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

C57BL/6N-*Optn*^{tm1a(EUCOMM)Wtsi}/Mmucd

RRID:MMRRC_036979-UCD

Type: Organism

Proper Citation

RRID:MMRRC_036979-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=36979

Proper Citation: RRID:MMRRC_036979-UCD

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

Species: Mus musculus

Notes: Research areas: Apoptosis, Cell Biology, Models for Human Disease, Sensorineural; Mutation Type: Targeted Mutation ; Collection: Sanger EUCOMM Collection

Phenotype: decreased circulating LDL cholesterol level [MP:0000183] decreased circulating HDL cholesterol level [MP:0000186] abnormal respiratory quotient [MP:0004129] decreased circulating cholesterol level [MP:0005179] decreased circulating potassium level [MP:0005628]

Affected Gene: *Optn*

Catalog Number: 036979-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_36979-UCD, MMRRC_036979, MMRRC_36979

Organism Name: C57BL/6N-*Optn*^{tm1a(EUCOMM)Wtsi}/Mmucd

Record Creation Time: 20230308T055149+0000

Record Last Update: 20260808T124120+0000

Ratings and Alerts

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

No alerts have been found for C57BL/6N-*Optn*^{tm1a(EUCOMM)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.