

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

C57BL/6N-*Tmem97*^{tm1(KOMP)}*Vl*^{cg}/MbpMmucd

RRID:MMRRC_050147-UCD

Type: Organism

Proper Citation

RRID:MMRRC_050147-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=50147

Proper Citation: RRID:MMRRC_050147-UCD

Description: Mus musculus with name C57BL/6N-*Tmem97*^{tm1(KOMP)}*Vl*^{cg}/MbpMmucd from MMRRC.

Species: Mus musculus

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

Affected Gene: *Tmem97*

Catalog Number: 050147-UCD

Background: deletion

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12730667](#)

Alternate IDs: MMRRC_50147-UCD, MMRRC_050147, MMRRC_5147

Organism Name: C57BL/6N-*Tmem97*^{tm1(KOMP)}*Vl*^{cg}/MbpMmucd

Record Creation Time: 20230308T055310+0000

Record Last Update: 20260912T135155+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-*Tmem97*^{tm1(KOMP)}*Vl*^{cg}/MbpMmucd.

No alerts have been found for C57BL/6N-*Tmem97*^{tm1(KOMP)}*Vl*^{cg}/MbpMmucd.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#).

Yousuf MS, et al. (2023) Validation of ? 2 R/TMEM97 as a neuropathic pain target: Specificity, human expression and mechanism of action. bioRxiv : the preprint server for biology.

Yousuf MS, et al. (2023) Highly specific ?2R/TMEM97 ligand FEM-1689 alleviates neuropathic pain and inhibits the integrated stress response. Proceedings of the National Academy of Sciences of the United States of America, 120(52), e2306090120.

Wang H, et al. (2022) ?2R/TMEM97 in retinal ganglion cell degeneration. Scientific reports, 12(1), 20753.