

Resource Summary Report

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

C57BL/6N-Atm1Brd Cyb5r1tm1a(KOMP)Wtsi /MbpMmucd

RRID:MMRRC_047271-UCD

Type: Organism

Proper Citation

RRID:MMRRC_047271-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=47271

Proper Citation: RRID:MMRRC_047271-UCD

Description: Mus musculus with name C57BL/6N-Atm1Brd Cyb5r1tm1a(KOMP)Wtsi /MbpMmucd from MMRRC.

Species: Mus musculus

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

Affected Gene: |Cyb5r1|

Catalog Number: 047271-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_47271-UCD, MMRRC_047271, MMRRC_47271

Organism Name: C57BL/6N-Atm1Brd Cyb5r1tm1a(KOMP)Wtsi/MbpMmucd

Record Creation Time: 20230308T055248+0000

Record Last Update: 20260905T111122+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-*Atm1Brd Cyb5r1 tm1a(KOMP)Wtsi/MbpMmucd*.

No alerts have been found for C57BL/6N-*Atm1Brd Cyb5r1tm1a(KOMP)Wtsi/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](#).

Hall R, et al. (2025) Endothelial CYB5R1 is a Coenzyme Q reductase that suppresses ferroptosis and atherosclerosis. Research square.

Faber JE, et al. (2023) Large differences in collateral blood vessel abundance among individuals arise from multiple genetic variants. Journal of cerebral blood flow and metabolism : official journal of the International Society of Cerebral Blood Flow and Metabolism, 43(11), 1983.

Faber JE, et al. (2023) Large differences in collateral blood vessel abundance among individuals arise from multiple genetic variants. bioRxiv : the preprint server for biology.