

Resource Summary Report

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

C57BL/6N-Atm1Brd Pde4ctm1.1(KOMP)Wtsi/JMmucd

RRID:MMRRC_049025-UCD

Type: Organism

Proper Citation

RRID:MMRRC_049025-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=49025

Proper Citation: RRID:MMRRC_049025-UCD

Description: Mus musculus with name C57BL/6N-Atm1Brd Pde4ctm1.1(KOMP)Wtsi/JMmucd from MMRRC.

Species: Mus musculus

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

Affected Gene: |Pde4c|

Catalog Number: 049025-UCD

Background: deletion

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_49025-UCD, MMRRC_049025, MMRRC_4925

Organism Name: C57BL/6N-Atm1Brd Pde4ctm1.1(KOMP)Wtsi/JMmucd

Record Creation Time: 20230308T055301+0000

Record Last Update: 20260808T124427+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-*Atm1Brd Pde4ctm1.1(KOMP)Wtsi/JMmucd*.

No alerts have been found for C57BL/6N-*Atm1Brd Pde4ctm1.1(KOMP)Wtsi/JMmucd*.

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](#).

Boyd A, et al. (2021) The cAMP-phosphodiesterase 4 (PDE4) controls ??-adrenoceptor- and CFTR-dependent saliva secretion in mice. *The Biochemical journal*, 478(10), 1891.

Aragon IV, et al. (2021) Inhibition of cAMP-phosphodiesterase 4 (PDE4) potentiates the anesthetic effects of Isoflurane in mice. *Biochemical pharmacology*, 186, 114477.

McDonough W, et al. (2020) PAN-selective inhibition of cAMP-phosphodiesterase 4 (PDE4) induces gastroparesis in mice. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 34(9), 12533.