

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

C57BL/6N-A^{tm1Brd} Mustn1^{tm1a(EUCOMM)}Wtsi /BayMmucd

RRID:MMRRC_041556-UCD

Type: Organism

Proper Citation

RRID:MMRRC_041556-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=41556

Proper Citation: RRID:MMRRC_041556-UCD

Description: Mus musculus with name C57BL/6N-A^{tm1Brd} Mustn1^{tm1a(EUCOMM)}Wtsi /BayMmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Targeted Mutation ; Collection: BaSH EUCOMM

Affected Gene: |Mustn1|a|

Catalog Number: 041556-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_41556-UCD, MMRRC_041556, MMRRC_41556

Organism Name: C57BL/6N-A^{tm1Brd} Mustn1^{tm1a(EUCOMM)}Wtsi/BayMmucd

Record Creation Time: 20230308T055219+0000

Record Last Update: 20260801T124510+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-A^{tm1Brd} *Mustn1*^{tm1a(EUCOMM)Wtsi}/BayMmucd.

No alerts have been found for C57BL/6N-A^{tm1Brd} *Mustn1*^{tm1a(EUCOMM)Wtsi}/BayMmucd.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Ducommun S, et al. (2024) *Mustn1* is a smooth muscle cell-secreted microprotein that modulates skeletal muscle extracellular matrix composition. *Molecular metabolism*, 82, 101912.

Kim CJ, et al. (2023) *Mustn1* ablation in skeletal muscle results in increased glucose tolerance concomitant with upregulated GLUT expression in male mice. *Physiological reports*, 11(9), e15674.