

Resource Summary Report

Generated by [dkNET](#) on Sep 8, 2026

C57BL/6N-A^{tm1Brd} Atg13^{tm2a(EUCOMM)}Hmgu /BayMmucd

RRID:MMRRC_041527-UCD

Type: Organism

Proper Citation

RRID:MMRRC_041527-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=41527

Proper Citation: RRID:MMRRC_041527-UCD

Description: Mus musculus with name C57BL/6N-A^{tm1Brd} Atg13^{tm2a(EUCOMM)}Hmgu /BayMmucd from MMRRC.

Species: Mus musculus

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

Affected Gene: |Atg13||a

Catalog Number: 041527-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_41527-UCD, MMRRC_041527, MMRRC_41527

Organism Name: C57BL/6N-A^{tm1Brd} Atg13^{tm2a(EUCOMM)}Hmgu/BayMmucd

Record Creation Time: 20230308T055219+0000

Record Last Update: 20260905T111021+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-*Atg13^{tm1Brd}* *Atg13^{tm2a(EUCOMM)Hmgu}*/BayMmucd.

No alerts have been found for C57BL/6N-*Atg13^{tm1Brd}* *Atg13^{tm2a(EUCOMM)Hmgu}*/BayMmucd.

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 [dkNET](#) .

Toriola MA, et al. (2026) Genetic depletion of the early autophagy protein ATG13 impairs mitochondrial energy metabolism, augments oxidative stress, induces the polarization of macrophages to the M1 inflammatory mode, and compromises myelin integrity in skeletal muscle. *Inflammation research : official journal of the European Histamine Research Society ...* [et al.], 75(1), 26.

Toriola MA, et al. (2025) Genetic depletion of early autophagy protein ATG13 impairs mitochondrial energy metabolism, augments oxidative stress, induces the polarization of macrophages to M1 inflammatory mode, and compromises myelin integrity in skeletal muscle. *Research square*.

Drosen ME, et al. (2025) Inactivation of ATG13 stimulates chronic demyelinating pathologies in muscle-serving nerves and spinal cord. *Immunologic research*, 73(1), 27.