

Resource Summary Report

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

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

RRID:MMRRC_041155-UCD

Type: Organism

Proper Citation

RRID:MMRRC_041155-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=41155

Proper Citation: RRID:MMRRC_041155-UCD

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

Species: Mus musculus

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

Phenotype: increased lean body mass [MP:0003960] decreased lean body mass [MP:0003961] increased bone mineral content [MP:0010123] preweaning lethality [MP:0011100]

Affected Gene: Tfeba

Catalog Number: 041155-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#), [PMID:27626380](#), [PMID:21885532](#), [PMID:22343943](#), [PMID:23599343](#), [PMID:28619945](#)

Alternate IDs: MMRRC_41155-UCD, MMRRC_041155, MMRRC_41155

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

Record Creation Time: 20230308T055216+0000

Record Last Update: 20260801T124455+0000

Ratings and Alerts

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

No alerts have been found for C57BL/6N-A^{tm1Brd} *Tfeb*^{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 3 mentions in open access literature.

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

Park K, et al. (2022) Lysosomal Ca²⁺-mediated TFEB activation modulates mitophagy and functional adaptation of pancreatic ??-cells to metabolic stress. Nature communications, 13(1), 1300.

Kim J, et al. (2021) TFEB-GDF15 axis protects against obesity and insulin resistance as a lysosomal stress response. Nature metabolism, 3(3), 410.

Kim J, et al. (2021) An autophagy enhancer ameliorates diabetes of human IAPP-transgenic mice through clearance of amyloidogenic oligomer. Nature communications, 12(1), 183.