Resource Summary Report

Generated by NIF on Sep 3, 2026

C57BL/6J-Tg(CAG-GFP/LC3/RFP/LC3*deltaG)2Nmz

RRID:IMSR_RBRC09930
Type: Organism

Proper Citation

RRID:IMSR_RBRC09930

Organism Information

URL: https://brc.riken.jp/mus/RBRC09930

Proper Citation: RRID:IMSR_RBRC09930

Description: Mus musculus with name C57BL/6J-Tg(CAG-GFP/LC3/RFP/LC3* deltaG)2Nmz from IMSR.

Species: Mus musculus

Synonyms: C57BL/6J-Tg(CAG-GFP/LC3/RFP/LC3*)2Nmz/Rbrc

Notes: gene symbol note: microtubule-associated protein 1 light chain 3 beta||transgene insertion 2; Noboru Mizushima; mutant strain: Map1lc3b||Tg(CAG-GFP/LC3/RFP/LC3*>deltaG)2Nmz

Affected Gene: microtubule-associated protein 1 light chain 3 beta||transgene insertion 2; Noboru Mizushima

Genomic Alteration: microtubule-associated protein 1 light chain 3 beta||transgene insertion 2; Noboru Mizushima

Catalog Number: RBRC09930

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: C57BL/6J-Tg(CAG-GFP/LC3/RFP/LC3*deltaG)2Nmz

Record Creation Time: 20250513T061517+0000

Record Last Update: 20260829T053606+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Tg(CAG-GFP/LC3/RFP/LC3*deltaG)2Nmz.

No alerts have been found for C57BL/6J-Tg(CAG-GFP/LC3/RFP/LC3*deltaG)2Nmz.

Data and Source Information

Source: Integrated Animals

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Shiheido-Watanabe Y, et al. (2023) Porphyromonas gingivalis, a periodontal pathogen, impairs post-infarcted myocardium by inhibiting autophagosome-lysosome fusion. International journal of oral science, 15(1), 42.

Baron O, et al. (2017) Stall in Canonical Autophagy-Lysosome Pathways Prompts Nucleophagy-Based Nuclear Breakdown in Neurodegeneration. Current biology : CB, 27(23), 3626.

Morselli E, et al. (2011) Spermidine and resveratrol induce autophagy by distinct pathways converging on the acetylproteome. The Journal of cell biology, 192(4), 615.