Resource Summary Report

Generated by Kravitz on Sep 16, 2026

B6.Cg-Atg7^{tm1Tchi}/TchiRbrc

RRID:IMSR_RBRC02759
Type: Organism

Proper Citation

RRID:IMSR_RBRC02759

Organism Information

URL: https://brc.riken.jp/mus/RBRC02759

Proper Citation: RRID:IMSR_RBRC02759

Description: Mus musculus with name B6.Cg-Atg7^{tm1Tchi}/TchiRbrc from IMSR.

Species: Mus musculus

Notes: gene symbol note: autophagy related 7; mutant stock: Atg7

Affected Gene: autophagy related 7

Genomic Alteration: targeted mutation 1; Tomoki Chiba

Catalog Number: RBRC02759

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: B6.Cg-Atg7^{tm1Tchi}/TchiRbrc

Record Creation Time: 20250513T061447+0000

Record Last Update: 20260912T064306+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Atg7^{tm1Tchi}/TchiRbrc.

No alerts have been found for B6.Cg-Atg7^{tm1Tchi}/TchiRbrc.

Data and Source Information

Source: Integrated Animals

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Chen H, et al. (2025) Impaired macroautophagy in oligodendrocyte precursor cells suppresses neuronal plasticity via a senescence-associated signaling. Science advances, 11(39), eadq7665.

Austin MC, et al. (2025) Dysfunctional ?-cell autophagy induces ?-cell stress and enhances islet immunogenicity. Frontiers in immunology, 16, 1504583.

Zhang T, et al. (2023) Autophagy collaborates with apoptosis pathways to control oligodendrocyte number. Cell reports, 42(8), 112943.

Campos JC, et al. (2020) ?2 -adrenoceptor activation improves skeletal muscle autophagy in neurogenic myopathy. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 34(4), 5628.

Hunn BHM, et al. (2019) Impairment of Macroautophagy in Dopamine Neurons Has Opposing Effects on Parkinsonian Pathology and Behavior. Cell reports, 29(4), 920.