

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

C57BL/6-Tg(CAG-FLPe)36lto/ltoRbrc

RRID:IMSR_RBRC01834

Type: Organism

Proper Citation

RRID:IMSR_RBRC01834

Organism Information

URL: <https://brc.riken.jp/mus/RBRC01834>

Proper Citation: RRID:IMSR_RBRC01834

Description: Mus musculus with name C57BL/6-Tg(CAG-FLPe)36lto/ltoRbrc from IMSR.

Species: Mus musculus

Synonyms: C57BL/6-Tg(CAG-flpe)36lto/ltoRbrc

Notes: gene symbol note: |transgene insertion 36; Shigeyoshi Itohara; coisogenic strain|mutant strain: |Tg(CAG-FLPe)36lto

Affected Gene: |transgene insertion 36; Shigeyoshi Itohara

Genomic Alteration: |transgene insertion 36; Shigeyoshi Itohara

Catalog Number: RBRC01834

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: C57BL/6-Tg(CAG-FLPe)36lto/ltoRbrc

Record Creation Time: 20250513T061439+0000

Record Last Update: 20260905T052409+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Tg(CAG-FLPe)³⁶Ito/ItoRbrc.

No alerts have been found for C57BL/6-Tg(CAG-FLPe)³⁶Ito/ItoRbrc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Eguchi T, et al. (2024) Calcium-binding protein 7 expressed in muscle negatively regulates age-related degeneration of neuromuscular junctions in mice. *iScience*, 27(2), 108997.

Shimizu T, et al. (2023) Direct activation of microglia by β -glucosylceramide causes phagocytosis of neurons that exacerbates Gaucher disease. *Immunity*, 56(2), 307.

Uemura T, et al. (2022) Neurexins play a crucial role in cerebellar granule cell survival by organizing autocrine machinery for neurotrophins. *Cell reports*, 39(1), 110624.

Viais R, et al. (2021) Augmin deficiency in neural stem cells causes p53-dependent apoptosis and aborts brain development. *eLife*, 10.

Benonisson H, et al. (2018) Fc γ RI expression on macrophages is required for antibody-mediated tumor protection by cytomegalovirus-based vaccines. *Oncotarget*, 9(50), 29392.

Inoue R, et al. (2018) Glucocorticoid receptor-mediated amygdalar metaplasticity underlies adaptive modulation of fear memory by stress. *eLife*, 7.

Quach DH, et al. (2013) A sympathetic neuron autonomous role for Egr3-mediated gene regulation in dendrite morphogenesis and target tissue innervation. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 33(10), 4570.