

Resource Summary Report

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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||transgene insertion 36; Shigeyoshi Itohara||transgene insertion 36; Shigeyoshi Itohara||transgene insertion 36; Shigeyoshi Itohara||transgene insertion 36; Shigeyoshi Itohara||transgene insertion 36; Shigeyoshi Itohara; coisogenic strain: |Tg(CAG-FLPe)36lto||Tg(CAG-FLPe)36lto||Tg(CAG-FLPe)36lto||Tg(CAG-FLPe)36lto||Tg(CAG-FLPe)36lto||Tg(CAG-FLPe)36lto||Tg(CAG-FLPe)36lto||Tg(CAG-FLPe)36lto

Affected Gene: |transgene insertion 36; Shigeyoshi Itohara||transgene insertion 36; Shigeyoshi Itohara||transgene insertion 36; Shigeyoshi Itohara||transgene insertion 36; Shigeyoshi Itohara||transgene insertion 36; Shigeyoshi Itohara||transgene insertion 36; Shigeyoshi Itohara||transgene insertion 36; Shigeyoshi Itohara

Genomic Alteration: |transgene insertion 36; Shigeyoshi Itohara||transgene insertion 36; Shigeyoshi Itohara||transgene insertion 36; Shigeyoshi Itohara||transgene insertion 36; Shigeyoshi Itohara||transgene insertion 36; Shigeyoshi Itohara||transgene insertion 36; Shigeyoshi Itohara||transgene insertion 36; Shigeyoshi Itohara

Catalog Number: RBRC01834

Database: International Mouse Resource Center IMSR, RBRC

Database Abbreviation: IMSR

Availability: embryo

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

Ratings and Alerts

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

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

Data and Source Information

Source: [Integrated Animals](#)

Source Database: International Mouse Resource Center IMSR, RBRC

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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.

Yamazaki S, et al. (2022) IL-17 controls IL-17-triggered gene expression program in intestinal epithelial cells that restricts colonization of SFB and prevents Th17-associated pathologies. *Mucosal immunology*, 15(6), 1321.

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.

Benonis 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.