

Resource Summary Report

Generated by PRECISE-TBI on Aug 10, 2026

B6;129-Apoetm/SfuRbrc

RRID:IMSR_RBRC03418

Type: Organism

Proper Citation

RRID:IMSR_RBRC03418

Organism Information

URL: <https://brc.riken.jp/mus/RBRC03418>

Proper Citation: RRID:IMSR_RBRC03418

Description: Mus musculus with name B6;129-Apoetm/SfuRbrc from IMSR.

Species: Mus musculus

Notes: gene symbol note: apolipoprotein E; mutant strain: Apoe

Affected Gene: apolipoprotein E

Genomic Alteration: targeted mutation

Catalog Number: RBRC03418

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: B6;129-Apoetm/SfuRbrc

Record Creation Time: 20250513T061452+0000

Record Last Update: 20260808T054836+0000

Ratings and Alerts

No rating or validation information has been found for B6;129-Apoetm/SfuRbrc.

No alerts have been found for B6;129-Apoetm/SfuRbrc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Ishikawa R, et al. (2026) A novel conditional knock-in mouse model for APOE4-to-APOE3 switching. *Neurobiology of disease*, 218, 107244.

Takebayashi Y, et al. (2023) Apolipoprotein E genotype-dependent accumulation of amyloid β in APP-knock-in mouse model of Alzheimer's disease. *Biochemical and biophysical research communications*, 683, 149106.

Honda K, et al. (2023) Accumulation of amyloid- β in the brain of mouse models of Alzheimer's disease is modified by altered gene expression in the presence of human apoE isoforms during aging. *Neurobiology of aging*, 123, 63.

Mok KK, et al. (2023) Apolipoprotein E β 4 disrupts oligodendrocyte differentiation by interfering with astrocyte-derived lipid transport. *Journal of neurochemistry*, 165(1), 55.