

# Resource Summary Report

Generated by [dkNET](#) on Aug 7, 2026

## B6;129-Apoe<sup>tm</sup>/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-Apoe<sup>tm</sup>/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-Apoe<sup>tm</sup>/SfuRbrc

**Record Creation Time:** 20250513T061452+0000

**Record Last Update:** 20260801T054924+0000

### Ratings and Alerts

No rating or validation information has been found for B6;129-Apoe<sup>tm</sup>/SfuRbrc.

No alerts have been found for B6;129-Apoe<sup>tm</sup>/SfuRbrc.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** RIKEN BioResource Research Center

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

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

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  $\beta$  in APP-knock-in mouse model of Alzheimer's disease. *Biochemical and biophysical research communications*, 683, 149106.

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

Honda K, et al. (2023) Accumulation of amyloid- $\beta$  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.