

# Resource Summary Report

Generated by [Kravitz](#) on Sep 10, 2026

## B6;129-Apoe<sup>tm</sup>/3SfuRbrc

RRID:IMSR\_RBRC03390

Type: Organism

### Proper Citation

RRID:IMSR\_RBRC03390

### Organism Information

**URL:** <https://brc.riken.jp/mus/RBRC03390>

**Proper Citation:** RRID:IMSR\_RBRC03390

**Description:** Mus musculus with name B6;129-Apoe<sup>tm</sup>/3SfuRbrc from IMSR.

**Species:** Mus musculus

**Synonyms:** B6;129P2-Apoe/3SfuRbrc

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

**Affected Gene:** apolipoprotein E

**Genomic Alteration:** targeted mutation

**Catalog Number:** RBRC03390

**Database:** RIKEN BioResource Research Center

**Database Abbreviation:** RBRC

**Availability:** embryo

**Organism Name:** B6;129-Apoe<sup>tm</sup>/3SfuRbrc

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

**Record Last Update:** 20260905T052424+0000

### Ratings and Alerts

No rating or validation information has been found for B6;129-Apoe<sup>tm</sup>/3SfuRbrc.

No alerts have been found for B6;129-Apoe<sup>tm</sup>/3SfuRbrc.

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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 3 mentions in open access literature.

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

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.

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.

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