

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

B6;129-Apoetm/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-Apoetm/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-Apoetm/3SfuRbrc

Record Creation Time: 20250513T061452+0000

Record Last Update: 20260815T054809+0000

Ratings and Alerts

No rating or validation information has been found for B6;129-Apoetm/3SfuRbrc.

No alerts have been found for B6;129-Apoetm/3SfuRbrc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

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.

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.

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.