

Resource Summary Report

Generated by [dkNET](#) on Aug 3, 2026

[Apoe^{tm3\(APOE*4\)}Mae](#)/[Apoe^{tm3\(APOE*4\)}Mae](#)

RRID:MGI:4355227

Type: Organism

Proper Citation

RRID:MGI:4355227

Organism Information

URL:

Proper Citation: RRID:MGI:4355227

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: abnormal circulating lipid level, retinal pigment epithelium atrophy, increased tumor necrosis factor secretion, increased interleukin-6 secretion, abnormal fat cell morphology, abnormal retinal pigment epithelium morphology, retinal degeneration, amyloid beta deposits, thin retinal outer nuclear layer, retinal neovascularization, abnormal lipid level, abnormal Bruch membrane morphology, abnormal postnatal growth, abnormal epididymal fat pad morphology, impaired glucose tolerance, abnormal glucose homeostasis, abnormal response to infection, corneal opacity, decreased circulating HDL cholesterol level, increased circulating VLDL triglyceride level, increased circulating VLDL cholesterol level, decreased circulating triglyceride level, increased susceptibility to atherosclerosis

Affected Gene: Apoe

Genomic Alteration: tm3(APOE*4)Mae

Catalog Number: 4355227

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:14507923](#), [PMID:16079201](#), [PMID:10359567](#), [PMID:18572164](#), [PMID:18725890](#)

Organism Name: Apoe^{tm3(APOE*4)}Mae/Apoe^{tm3(APOE*4)}Mae

Record Creation Time: 20240120T190327+0000

Record Last Update: 20240130T201837+0000

Ratings and Alerts

No rating or validation information has been found for Apoe^{tm3(APOE*4)}Mae/Apoe^{tm3(APOE*4)}Mae.

No alerts have been found for Apoe^{tm3(APOE*4)}Mae/Apoe^{tm3(APOE*4)}Mae.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.