

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

[Pde4d^{tm1Mct}/Pde4d^{tm1Mct}](#)

RRID:MGI:2451221

Type: Organism

Proper Citation

RRID:MGI:2451221

Organism Information

URL:

Proper Citation: RRID:MGI:2451221

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

Species: Mus musculus

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

Phenotype: immune system phenotype, decreased body weight, reduced female fertility, postnatal lethality, incomplete penetrance, impaired neutrophil recruitment, impaired neutrophil chemotaxis, decreased litter size, postnatal growth retardation, abnormal tumor necrosis factor level, abnormal ovulation

Affected Gene: Pde4d

Genomic Alteration: tm1Mct

Catalog Number: 2451221

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:16034090](#), [PMID:10518565](#), [PMID:15585880](#)

Organism Name: Pde4d^{tm1Mct}/Pde4d^{tm1Mct}

Record Creation Time: 20240120T190744+0000

Record Last Update: 20240130T202105+0000

Ratings and Alerts

No rating or validation information has been found for Pde4d^{tm1Mct}/Pde4d^{tm1Mct}.

No alerts have been found for Pde4d^{tm1Mct}/Pde4d^{tm1Mct}.

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.