

Resource Summary Report

Generated by [dkNET](#) on Sep 19, 2026

B6;129P2-*Pde4d*^{tm1Mct}/Mmucd

RRID:MMRRC_034404-UCD

Type: Organism

Proper Citation

RRID:MMRRC_034404-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=34404

Proper Citation: RRID:MMRRC_034404-UCD

Description: Mus musculus with name B6;129P2-*Pde4d*^{tm1Mct}/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: Cardiovascular, Cell Biology, Developmental Biology, Endocrine Deficiency, Immunology and Inflammation, Models for Human Disease, Neurobiology, Reproduction; Mutation Type: Targeted Mutation ; Collection:

Phenotype: decreased body weight [MP:0001262]| postnatal growth retardation [MP:0001732]| reduced female fertility [MP:0001923]| abnormal ovulation [MP:0001928]| decreased litter size [MP:0001935]| increased cardiac muscle contractility [MP:0005599]| impaired neutrophil recruitment [MP:0008719]| impaired neutrophil chemotaxis [MP:0008720]| abnormal tumor necrosis factor level [MP:0008752]| postnatal lethality [MP:0011086]| incomplete penetrance [MP:0011087]

Affected Gene: *Pde4d*

Catalog Number: 034404-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:18508768](#), [PMID:15644445](#), [PMID:16213210](#)

Alternate IDs: MMRRC_34404-UCD, MMRRC_034404, MMRRC_3444

Organism Name: B6;129P2-*Pde4d*^{tm1Mct}/Mmucd

Record Creation Time: 20230308T055132+0000

Record Last Update: 20260919T133853+0000

Ratings and Alerts

No rating or validation information has been found for B6;129P2-*Pde4d*^{tm1Mct}/Mmucd.

No alerts have been found for B6;129P2-*Pde4d*^{tm1Mct}/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.