

# Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

## [Pdpk1<sup>tm1Mlw</sup>/Pdpk1<sup>tm1Mlw</sup>; Tg\(Cd4-cre\)1Cwi](#)

RRID:MGI:4838172

Type: Organism

### Proper Citation

RRID:MGI:4838172

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:4838172

**Description:** Allele Detail: Targeted, Transgenic This is a legacy resource.

**Species:** Mus musculus

**Notes:** Allele Detail: Targeted, Transgenic This is a legacy resource.

**Phenotype:** decreased T cell number, decreased NK T cell number, decreased T cell proliferation, absent NK T cells, immune system phenotype, abnormal NK T cell morphology, abnormal T cell differentiation, abnormal CD8-positive, alpha beta T cell morphology

**Affected Gene:** Pdpk1

**Genomic Alteration:** tm1Mlw, Tg(Cd4-cre)1Cwi

**Catalog Number:** 4838172

**Background:** involves: C57BL/6 \* DBA/2

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:20944007](#)

**Organism Name:** Pdpk1<sup>tm1Mlw</sup>/Pdpk1<sup>tm1Mlw</sup>; Tg(Cd4-cre)1Cwi

**Record Creation Time:** 20240120T190241+0000

**Record Last Update:** 20240130T201812+0000

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## Ratings and Alerts

No rating or validation information has been found for Pdpk1<sup>tm1Mlw</sup>/Pdpk1<sup>tm1Mlw</sup>; Tg(Cd4-cre)1Cwi.

No alerts have been found for Pdpk1<sup>tm1Mlw</sup>/Pdpk1<sup>tm1Mlw</sup>; Tg(Cd4-cre)1Cwi.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.