

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

[Tg\(Cd4-cre\)1Cwi; Pik3cd^{tm2.1Tnr}/Pik3cd^{tm2.1Tnr}](#)

RRID:MGI:4850097

Type: Organism

Proper Citation

RRID:MGI:4850097

Organism Information

URL:

Proper Citation: RRID:MGI:4850097

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 germinal center B cell number, decreased spleen germinal center size, decreased T cell number, decreased IgG1 level, decreased CD8-positive, alpha-beta T cell number, decreased CD4-positive, alpha beta T cell number, abnormal humoral immune response, abnormal adaptive immunity, decreased T follicular helper cell number, decreased spleen germinal center number

Affected Gene: Pik3cd

Genomic Alteration: tm2.1Tnr, Tg(Cd4-cre)1Cwi

Catalog Number: 4850097

Background: involves: 129P2/OlaHsd * C57BL/6 * DBA/2

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:20826752](#)

Organism Name: Tg(Cd4-cre)1Cwi; Pik3cd^{tm2.1Tnr}/Pik3cd^{tm2.1Tnr}

Record Creation Time: 20240120T190236+0000

Record Last Update: 20240130T201810+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Cd4-cre)1Cwi; Pik3cd^{tm2.1Tnr}/Pik3cd^{tm2.1Tnr}.

No alerts have been found for Tg(Cd4-cre)1Cwi; Pik3cd^{tm2.1Tnr}/Pik3cd^{tm2.1Tnr}.

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.