

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

[Rad21^{tm1.1Mmk}/Rad21^{tm1.1Mmk}; Tg\(Cd4-cre\)1Cwi](#)

RRID:MGI:5293828

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:5293828

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

Species: Mus musculus

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

Phenotype: abnormal CD4-positive, alpha beta T cell morphology, abnormal CD4-positive, alpha-beta T cell physiology, abnormal T cell differentiation, decreased CD4-positive, alpha beta T cell number, decreased CD8-positive, alpha-beta T cell number, decreased double-positive T cell number

Affected Gene: Rad21

Genomic Alteration: Tg(Cd4-cre)1Cwi, tm1.1Mmk

Catalog Number: 5293828

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:21832993](#)

Organism Name: Rad21^{tm1.1Mmk}/Rad21^{tm1.1Mmk}; Tg(Cd4-cre)1Cwi

Record Creation Time: 20240120T190208+0000

Record Last Update: 20240130T201755+0000

Ratings and Alerts

No rating or validation information has been found for Rad21^{tm1.1Mmk}/Rad21^{tm1.1Mmk}; Tg(Cd4-cre)1Cwi.

No alerts have been found for Rad21^{tm1.1Mmk}/Rad21^{tm1.1Mmk}; Tg(Cd4-cre)1Cwi.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Guo Y, et al. (2022) Chromatin jets define the properties of cohesin-driven in?vivo loop extrusion. Molecular cell, 82(20), 3769.