

Resource Summary Report

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

[Il2rg^{tm1Wjl}; Prkdc^{scid}/Prkdc^{scid}](#)

RRID:MGI:3770662

Type: Organism

Proper Citation

RRID:MGI:3770662

Organism Information

URL:

Proper Citation: RRID:MGI:3770662

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

Species: Mus musculus

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

Phenotype: premature death, decreased mature B cell number, decreased leukocyte cell number, decreased immunoglobulin level, abnormal response to transplant, lymph node hypoplasia, abnormal immune system organ morphology, abnormal response to transplant, abnormal splenic cell ratio, abnormal spleen B cell follicle morphology, abnormal thymus morphology, decreased CD4-positive, alpha beta T cell number, decreased CD8-positive, alpha-beta T cell number, decreased NK cell number, decreased immature B cell number, increased cellular sensitivity to X-ray irradiation, small lymph nodes, decreased mean corpuscular volume

Affected Gene: Il2rg, Prkdc

Genomic Alteration: tm1Wjl, scid

Catalog Number: 3770662

Background: NOD.Cg-Prkdc Il2rg/Sz

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15879151](#), [PMID:18785974](#)

Organism Name: Il2rg^{tm1Wjl}; Prkdc^{scid}/Prkdc^{scid}

Record Creation Time: 20240120T190449+0000

Record Last Update: 20240130T201925+0000

Ratings and Alerts

No rating or validation information has been found for Il2rg^{tm1Wjl}; Prkdc^{scid}/Prkdc^{scid}.

No alerts have been found for Il2rg^{tm1Wjl}; Prkdc^{scid}/Prkdc^{scid}.

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 [dkNET](#).

Ishikawa A, et al. (2026) IL-15 and IL-21 synergy improves anti-tumor efficacy of iPSC-derived cytotoxic T cells in solid tumors. Molecular therapy : the journal of the American Society of Gene Therapy.