

# Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

[NOD.Cg-Prkdc<sup>scid</sup> Il2rg Tg\(CSF2\)2Ygy Tg\(IL3\)1Ygy Tg\(KITLG\)3Ygy/YgyJGckRolyJ](#)

RRID:IMSR\_JAX:011066

Type: Organism

## Proper Citation

RRID:IMSR\_JAX:011066

## Organism Information

**URL:** <https://www.jax.org/strain/011066>

**Proper Citation:** RRID:IMSR\_JAX:011066

**Description:** Mus musculus with name NOD.Cg-Prkdc<sup>scid</sup> Il2rg Tg(CSF2)2Ygy Tg(IL3)1Ygy Tg(KITLG)3Ygy/YgyJGckRolyJ from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: protein kinase; DNA activated; catalytic polypeptide|transgene insertion 3; Yong-guang Yang|transgene insertion 1; Yong-guang Yang|transgene insertion 2; Yong-guang Yang|interleukin 3 (colony-stimulating factor; multiple)|cytomegalovirus|human cytomegalovirus|colony stimulating factor 2 (granulocyte-macrophage)|interleukin 2 receptor; gamma chain|KIT ligand; mutant strain|congenic strain:

Prkdc|Tg(KITLG)3Ygy|Tg(IL3)1Ygy|Tg(CSF2)2Ygy|IL3|CMV|hCMV|CSF2|Il2rg|KITLG

**Affected Gene:** protein kinase; DNA activated; catalytic polypeptide|transgene insertion 3; Yong-guang Yang|transgene insertion 1; Yong-guang Yang|transgene insertion 2; Yong-guang Yang|interleukin 3 (colony-stimulating factor; multiple)|cytomegalovirus|human cytomegalovirus|colony stimulating factor 2 (granulocyte-macrophage)|interleukin 2 receptor; gamma chain|KIT ligand

**Genomic Alteration:** severe combined immunodeficiency|transgene insertion 3; Yong-guang Yang|transgene insertion 1; Yong-guang Yang|transgene insertion 2; Yong-guang Yang|targeted mutation 1; Warren J Leonard

**Catalog Number:** JAX:011066

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** embryo

**Organism Name:** NOD.Cg-Prkdc<sup>scid</sup> Il2rg Tg(CSF2)2Ygy Tg(IL3)1Ygy  
Tg(KITLG)3Ygy/YgyJGckRolyJ

**Record Creation Time:** 20250513T053719+0000

**Record Last Update:** 20260815T050638+0000

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## Ratings and Alerts

No rating or validation information has been found for NOD.Cg-Prkdc<sup>scid</sup> Il2rg  
Tg(CSF2)2Ygy Tg(IL3)1Ygy Tg(KITLG)3Ygy/YgyJGckRolyJ.

No alerts have been found for NOD.Cg-Prkdc<sup>scid</sup> Il2rg Tg(CSF2)2Ygy Tg(IL3)1Ygy  
Tg(KITLG)3Ygy/YgyJGckRolyJ.

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## Data and Source Information

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

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.