

Resource Summary Report

Generated by T1D on Sep 14, 2026

NOD.Cg-Prkdc^{scid} Il2rg Tg(CMV-IL3.CSF2.KITLG)1Eav Tg(CSF1)3Sz/J

RRID:IMSR_JAX:028657

Type: Organism

Proper Citation

RRID:IMSR_JAX:028657

Organism Information

URL: <https://www.jax.org/strain/028657>

Proper Citation: RRID:IMSR_JAX:028657

Description: Mus musculus with name NOD.Cg-Prkdc^{scid} Il2rg Tg(CMV-IL3.CSF2.KITLG)1Eav Tg(CSF1)3Sz/J from IMSR.

Species: Mus musculus

Synonyms: NSG-Quad

Notes: gene symbol note: colony stimulating factor 2|interleukin 2 receptor; gamma chain|interleukin 3|protein kinase; DNA activated; catalytic polypeptide|transgene insertion 3; Leonard Shultz|transgene insertion 1; CJ Eaves|colony stimulating factor 1|cytomegalovirus|KIT ligand; mutant strain|congenic strain: CSF2|Il2rg|IL3|Prkdc|Tg(CSF1)3Sz|Tg(CMV-IL3;CSF2;KITLG)1Eav|CSF1|CMV|KITLG

Affected Gene: colony stimulating factor 2|interleukin 2 receptor; gamma chain|interleukin 3|protein kinase; DNA activated; catalytic polypeptide|transgene insertion 3; Leonard Shultz|transgene insertion 1; CJ Eaves|colony stimulating factor 1|cytomegalovirus|KIT ligand

Genomic Alteration: transgene insertion 1; CJ Eaves|targeted mutation 1; Warren J Leonard|severe combined immunodeficiency|transgene insertion 3; Leonard Shultz

Catalog Number: JAX:028657

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: NOD.Cg-Prkdc^{scid} Il2rg Tg(CMV-IL3.CSF2.KITLG)1Eav Tg(CSF1)3Sz/J

Record Creation Time: 20250513T053805+0000

Record Last Update: 20260912T060544+0000

Ratings and Alerts

No rating or validation information has been found for NOD.Cg-Prkdc^{scid} Il2rg Tg(CMV-IL3.CSF2.KITLG)1Eav Tg(CSF1)3Sz/J.

No alerts have been found for NOD.Cg-Prkdc^{scid} Il2rg Tg(CMV-IL3.CSF2.KITLG)1Eav Tg(CSF1)3Sz/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

Chen A, et al. (2025) Comparison of NSG-Quad and MISTRG-6 humanized mice for modeling circulating and tumor-infiltrating human myeloid cells. Molecular therapy. Methods & clinical development, 33(2), 101487.

Stocks H, et al. (2024) Development of human innate immune responses in a humanized mouse model expressing four human myeloopoiesis transgenes. Frontiers in immunology, 15, 1419117.