

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

[NOD.Cg-Prkdc^{scid} Il2rg Tg\(HLA-A/H2-D/B2M\)1Dvs/SzJ](#)

RRID:IMSR_JAX:014570

Type: Organism

Proper Citation

RRID:IMSR_JAX:014570

Organism Information

URL: <https://www.jax.org/strain/014570>

Proper Citation: RRID:IMSR_JAX:014570

Description: Mus musculus with name NOD.Cg-Prkdc^{scid} Il2rg Tg(HLA-A/H2-D/B2M)1Dvs/SzJ from IMSR.

Species: Mus musculus

Synonyms: NSG-HLA-A2/HHD

Notes: gene symbol note: beta-2-microglobulin|major histocompatibility complex; class I; subtype A2.1|major histocompatibility complex; class I; A|interleukin 2 receptor; gamma chain|protein kinase; DNA activated; catalytic polypeptide|transgene insertion 1; David V Serreze; mutant strain|congenic strain: B2M|HLA-A2.1|HLA-A|Il2rg|Prkdc|Tg(HLA-A/H2-D/B2M)1Dvs

Affected Gene: beta-2-microglobulin|major histocompatibility complex; class I; subtype A2.1|major histocompatibility complex; class I; A|interleukin 2 receptor; gamma chain|protein kinase; DNA activated; catalytic polypeptide|transgene insertion 1; David V Serreze

Genomic Alteration: transgene insertion 1; David V Serreze|targeted mutation 1; Warren J Leonard|severe combined immunodeficiency

Catalog Number: JAX:014570

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: NOD.Cg-Prkdc^{scid} Il2rg Tg(HLA-A/H2-D/B2M)1Dvs/SzJ

Record Creation Time: 20250513T053728+0000

Record Last Update: 20260725T044436+0000

Ratings and Alerts

No rating or validation information has been found for NOD.Cg-Prkdc^{scid} Il2rg Tg(HLA-A/H2-D/B2M)1Dvs/SzJ.

No alerts have been found for NOD.Cg-Prkdc^{scid} Il2rg Tg(HLA-A/H2-D/B2M)1Dvs/SzJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Steinkamp MP, et al. (2025) Clinical translation of TLR agonist-modified silicified cancer cell therapy supported by humanized mouse models. *Molecular therapy. Oncology*, 33(4), 201074.

Phelps C, et al. (2023) Production of Humanized Mice through Stem Cell Transfer. *Current protocols*, 3(6), e800.

Ritacco C, et al. (2023) Post-transplant cyclophosphamide prevents xenogeneic graft-versus-host disease while depleting proliferating regulatory T??cells. *iScience*, 26(3), 106085.