

Resource Summary Report

Generated by T1D on Sep 15, 2026

NOD.Cg-Prkdc^{scid} H2-Ab1 Il2rg Tg(HLA-DQA1.HLA-DQB1)1Dv Tg(INS*)172Dvs/DvsJ

RRID:IMSR_JAX:026936

Type: Organism

Proper Citation

RRID:IMSR_JAX:026936

Organism Information

URL: <https://www.jax.org/strain/026936>

Proper Citation: RRID:IMSR_JAX:026936

Description: Mus musculus with name NOD.Cg-Prkdc^{scid} H2-Ab1 Il2rg Tg(HLA-DQA1.HLA-DQB1)1Dv Tg(INS*)172Dvs/DvsJ from IMSR.

Species: Mus musculus

Synonyms: NOD.Cg-Prkdc H2-Ab1 Il2rg Tg(HLA-DQA1.HLA-DQB1)1Dv Tg(INS*)172Dvs/DvsJ

Notes: gene symbol note: histocompatibility 2; class II antigen A; beta 1|transgene insertion 1; Chella David|major histocompatibility complex; class II; DQ alpha 1|major histocompatibility complex; class II; DQ beta 1|insulin|protein kinase; DNA activated; catalytic polypeptide|transgene insertion 172; David V Serreze|interleukin 2 receptor; gamma chain; mutant strain|congenic strain: H2-Ab1|Tg(HLA-DQA1;HLA-DQB1)1Dv|HLA-DQA1|HLA-DQB1|INS|Prkdc|Tg(INS*)172Dvs|Il2rg

Affected Gene: histocompatibility 2; class II antigen A; beta 1|transgene insertion 1; Chella David|major histocompatibility complex; class II; DQ alpha 1|major histocompatibility complex; class II; DQ beta 1|insulin|protein kinase; DNA activated; catalytic polypeptide|transgene insertion 172; David V Serreze|interleukin 2 receptor; gamma chain

Genomic Alteration: targeted mutation 1; Christophe Benoist and Diane Mathis|transgene insertion 1; Chella David|transgene insertion 172; David V Serreze|severe combined immunodeficiency|targeted mutation 1; Warren J Leonard

Catalog Number: JAX:026936

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: NOD.Cg-Prkdc^{scid} H2-Ab1 Il2rg Tg(HLA-DQA1.HLA-DQB1)1Dv Tg(INS*)172Dvs/DvsJ

Record Creation Time: 20250513T053758+0000

Record Last Update: 20260912T060539+0000

Ratings and Alerts

No rating or validation information has been found for NOD.Cg-Prkdc^{scid} H2-Ab1 Il2rg Tg(HLA-DQA1.HLA-DQB1)1Dv Tg(INS*)172Dvs/DvsJ.

No alerts have been found for NOD.Cg-Prkdc^{scid} H2-Ab1 Il2rg Tg(HLA-DQA1.HLA-DQB1)1Dv Tg(INS*)172Dvs/DvsJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We have not found any literature mentions for this resource.