

Resource Summary Report

Generated by [ASWG](#) on Aug 16, 2026

NOD.Cg-Prkdc^{scid} H2-K1 H2-Ab1 H2-D1 Il2rg Tg(HLA-DQA1.HLA-DQB1)1Dv/DvsJ

RRID:IMSR_JAX:039055

Type: Organism

Proper Citation

RRID:IMSR_JAX:039055

Organism Information

URL: <https://www.jax.org/strain/039055>

Proper Citation: RRID:IMSR_JAX:039055

Description: Mus musculus with name NOD.Cg-Prkdc^{scid} H2-K1 H2-Ab1 H2-D1 Il2rg Tg(HLA-DQA1.HLA-DQB1)1Dv/DvsJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: major histocompatibility complex; class II; DQ beta 1|interleukin 2 receptor; gamma chain|major histocompatibility complex; class II; DQ alpha 1|transgene insertion 1; Chella David|histocompatibility 2; D region locus 1|histocompatibility 2; K1; K region|histocompatibility 2; class II antigen A; beta 1|protein kinase; DNA activated; catalytic polypeptide; mutant strain|congenic strain: HLA-DQB1|Il2rg|HLA-DQA1|Tg(HLA-DQA1;HLA-DQB1)1Dv|H2-D1|H2-K1|H2-Ab1|Prkdc

Affected Gene: major histocompatibility complex; class II; DQ beta 1|interleukin 2 receptor; gamma chain|major histocompatibility complex; class II; DQ alpha 1|transgene insertion 1; Chella David|histocompatibility 2; D region locus 1|histocompatibility 2; K1; K region|histocompatibility 2; class II antigen A; beta 1|protein kinase; DNA activated; catalytic polypeptide

Genomic Alteration: transgene insertion 1; Chella David|targeted mutation 1; Warren J Leonard|endonuclease-mediated mutation 5; David V Serreze|endonuclease-mediated mutation 1; David V Serreze|endonuclease-mediated mutation 1; Jackson|severe combined immunodeficiency

Catalog Number: JAX:039055

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: NOD.Cg-Prkdc^{scid} H2-K1 H2-Ab1 H2-D1 Il2rg Tg(HLA-DQA1.HLA-DQB1)1Dv/DvsJ

Record Creation Time: 20250513T053909+0000

Record Last Update: 20260815T050819+0000

Ratings and Alerts

No rating or validation information has been found for NOD.Cg-Prkdc^{scid} H2-K1 H2-Ab1 H2-D1 Il2rg Tg(HLA-DQA1.HLA-DQB1)1Dv/DvsJ.

No alerts have been found for NOD.Cg-Prkdc^{scid} H2-K1 H2-Ab1 H2-D1 Il2rg Tg(HLA-DQA1.HLA-DQB1)1Dv/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.