

Resource Summary Report

Generated by T1D on Sep 17, 2026

NOD.Cg-Tg(HLA-DRA*0101.HLA-DRB1*0101)1Dmz Prkdc^{scid} H2-Ab1 Il2rg/SzJ

RRID:IMSR_JAX:030331

Type: Organism

Proper Citation

RRID:IMSR_JAX:030331

Organism Information

URL: <https://www.jax.org/strain/030331>

Proper Citation: RRID:IMSR_JAX:030331

Description: Mus musculus with name NOD.Cg-Tg(HLA-DRA*0101.HLA-DRB1*0101)1Dmz Prkdc^{scid} H2-Ab1 Il2rg/SzJ from IMSR.

Species: Mus musculus

Synonyms: NOD.Cg-Prkdc H2-Ab1 Il2rg Tg(HLA-DRA*0101.HLA-DRB1*0101)1Dmz/SzJ. NOD.Cg-Tg(HLA-DRA*0101.HLA-DRB1*0101)1Dmz Prkdc H2-Ab1 Il2rg/SzJ. NOD.Cg-Tg(HLA-DRA*0101.HLA-DRB1*0101)1Dmz Prkdc H2-Ab1 Il2rg/SzJ

Notes: gene symbol note: major histocompatibility complex; class II; DR alpha|histocompatibility 2; class II antigen A; beta 1|major histocompatibility complex; class II; DR beta 1|transgene insertion 1; Dennis M Zaller|H2 I region; includes H2-Aa; Ab; B; Ea; Eb; Eb2; Ob; P|interleukin 2 receptor; gamma chain|protein kinase; DNA activated; catalytic polypeptide; mutant strain|congenic strain: HLA-DRA|H2-Ab1|HLA-DRB1|Tg(HLA-DRA*0101;HLA-DRB1*0101)1Dmz|H2-I|Il2rg|Prkdc

Affected Gene: major histocompatibility complex; class II; DR alpha|histocompatibility 2; class II antigen A; beta 1|major histocompatibility complex; class II; DR beta 1|transgene insertion 1; Dennis M Zaller|H2 I region; includes H2-Aa; Ab; B; Ea; Eb; Eb2; Ob; P|interleukin 2 receptor; gamma chain|protein kinase; DNA activated; catalytic polypeptide

Genomic Alteration: transgene insertion 1; Dennis M Zaller|targeted mutation 1; Christophe Benoist and Diane Mathis|targeted mutation 1; Warren J Leonard|severe combined immunodeficiency

Catalog Number: JAX:030331

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: NOD.Cg-Tg(HLA-DRA*0101.HLA-DRB1*0101)1Dmz Prkdc^{scid} H2-Ab1 Il2rg/SzJ

Record Creation Time: 20250513T053814+0000

Record Last Update: 20260912T060551+0000

Ratings and Alerts

No rating or validation information has been found for NOD.Cg-Tg(HLA-DRA*0101.HLA-DRB1*0101)1Dmz Prkdc^{scid} H2-Ab1 Il2rg/SzJ.

No alerts have been found for NOD.Cg-Tg(HLA-DRA*0101.HLA-DRB1*0101)1Dmz Prkdc^{scid} H2-Ab1 Il2rg/SzJ.

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.