

Resource Summary Report

Generated by [kravitz2](#) on Sep 10, 2026

NOD.Cg-Flt3^{em2Mvw} Prkdc Il2rg Tg(FLT3LG)7Sz/SzJ

RRID:IMSR_JAX:033367

Type: Organism

Proper Citation

RRID:IMSR_JAX:033367

Organism Information

URL: <https://www.jax.org/strain/033367>

Proper Citation: RRID:IMSR_JAX:033367

Description: Mus musculus with name NOD.Cg-Flt3^{em2Mvw} Prkdc Il2rg Tg(FLT3LG)7Sz/SzJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: interleukin 2 receptor; gamma chain|transgene insertion 7; Leonard Shultz|protein kinase; DNA activated; catalytic polypeptide|FMS-like tyrosine kinase 3; mutant strain|congenic strain: Il2rg|Tg(FLT3LG)7Sz|Prkdc|Flt3

Affected Gene: interleukin 2 receptor; gamma chain|transgene insertion 7; Leonard Shultz|protein kinase; DNA activated; catalytic polypeptide|FMS-like tyrosine kinase 3

Genomic Alteration: targeted mutation 1; Warren J Leonard|transgene insertion 7; Leonard Shultz|severe combined immunodeficiency|endonuclease-mediated mutation 2; Micheal V Wiles

Catalog Number: JAX:033367

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: NOD.Cg-Flt3^{em2Mvw} Prkdc Il2rg Tg(FLT3LG)7Sz/SzJ

Record Creation Time: 20250513T053835+0000

Record Last Update: 20260905T044609+0000

Ratings and Alerts

No rating or validation information has been found for NOD.Cg-Flt3^{em2Mvw} Prkdc Il2rg Tg(FLT3LG)7Sz/SzJ.

No alerts have been found for NOD.Cg-Flt3^{em2Mvw} Prkdc Il2rg Tg(FLT3LG)7Sz/SzJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Yang D, et al. (2026) A novel humanized immune stroma PDX cancer model for therapeutic studies. Cancer immunology, immunotherapy : CII, 75(4).