

# Resource Summary Report

Generated by [NIF](#) on Sep 22, 2026

## [NOD.Cg-Flt3<sup>em2Mvw</sup> Prkdc Il2rg Tg\(FLT3LG\)7Sz Tg\(IL15\)1Sz/J](#)

RRID:IMSR\_JAX:037322

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:037322

### Organism Information

**URL:** <https://www.jax.org/strain/037322>

**Proper Citation:** RRID:IMSR\_JAX:037322

**Description:** Mus musculus with name NOD.Cg-Flt3<sup>em2Mvw</sup> Prkdc Il2rg Tg(FLT3LG)7Sz Tg(IL15)1Sz/J from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: FMS-like tyrosine kinase 3|transgene insertion 7; Leonard Shultz|interleukin 2 receptor; gamma chain|transgene insertion 1; Leonard Shultz|protein kinase; DNA activated; catalytic polypeptide; mutant strain|congenic strain: Flt3|Tg(FLT3LG)7Sz|Il2rg|Tg(IL15)1Sz|Prkdc

**Affected Gene:** FMS-like tyrosine kinase 3|transgene insertion 7; Leonard Shultz|interleukin 2 receptor; gamma chain|transgene insertion 1; Leonard Shultz|protein kinase; DNA activated; catalytic polypeptide

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

**Catalog Number:** JAX:037322

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** live

**Organism Name:** NOD.Cg-Flt3<sup>em2Mvw</sup> Prkdc Il2rg Tg(FLT3LG)7Sz Tg(IL15)1Sz/J

**Record Creation Time:** 20250513T053858+0000

**Record Last Update:** 20260919T055041+0000

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## Ratings and Alerts

No rating or validation information has been found for NOD.Cg-Flt3<sup>em2Mvw</sup> Prkdc Il2rg Tg(FLT3LG)7Sz Tg(IL15)1Sz/J.

No alerts have been found for NOD.Cg-Flt3<sup>em2Mvw</sup> Prkdc Il2rg Tg(FLT3LG)7Sz Tg(IL15)1Sz/J.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.