

Resource Summary Report

Generated by [ASWG](#) on Aug 12, 2026

NOD.Cg-Flt3^{em1Akp} Prkdc Il2rg Tg(CMV-IL3.CSF2.KITLG)1Eav/J

RRID:IMSR_JAX:035843

Type: Organism

Proper Citation

RRID:IMSR_JAX:035843

Organism Information

URL: <https://www.jax.org/strain/035843>

Proper Citation: RRID:IMSR_JAX:035843

Description: Mus musculus with name NOD.Cg-Flt3^{em1Akp} Prkdc Il2rg Tg(CMV-IL3.CSF2.KITLG)1Eav/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: colony stimulating factor 2|interleukin 2 receptor; gamma chain|KIT ligand|transgene insertion 1; CJ Eaves|protein kinase; DNA activated; catalytic polypeptide|FMS-like tyrosine kinase 3|interleukin 3|cytomegalovirus; mutant strain: CSF2|Il2rg|KITLG|Tg(CMV-IL3;CSF2;KITLG)1Eav|Prkdc|Flt3|IL3|CMV

Affected Gene: colony stimulating factor 2|interleukin 2 receptor; gamma chain|KIT ligand|transgene insertion 1; CJ Eaves|protein kinase; DNA activated; catalytic polypeptide|FMS-like tyrosine kinase 3|interleukin 3|cytomegalovirus

Genomic Alteration: transgene insertion 1; CJ Eaves|targeted mutation 1; Warren J Leonard|severe combined immunodeficiency|endonuclease-mediated mutation 1; Karolina Palucka

Catalog Number: JAX:035843

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: NOD.Cg-Flt3^{em1Akp} Prkdc Il2rg Tg(CMV-IL3.CSF2.KITLG)1Eav/J

Record Creation Time: 20250513T053851+0000

Record Last Update: 20260808T051046+0000

Ratings and Alerts

No rating or validation information has been found for NOD.Cg-Flt3^{em1Akp} Prkdc Il2rg Tg(CMV-IL3.CSF2.KITLG)1Eav/J.

No alerts have been found for NOD.Cg-Flt3^{em1Akp} Prkdc Il2rg Tg(CMV-IL3.CSF2.KITLG)1Eav/J.

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.