

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

B6.Cg-Fcgrt^{tm1Dcr} Prkdc Tg(FCGRT)32Dcr/DcrJ

RRID:IMSR_JAX:018441

Type: Organism

Proper Citation

RRID:IMSR_JAX:018441

Organism Information

URL: <https://www.jax.org/strain/018441>

Proper Citation: RRID:IMSR_JAX:018441

Description: Mus musculus with name B6.Cg-Fcgrt^{tm1Dcr} Prkdc Tg(FCGRT)32Dcr/DcrJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: Fc fragment of IgG receptor and transporter|transgene insertion 32; Derry C Roopenian|protein kinase; DNA activated; catalytic polypeptide; mutant strain|congenic strain: Fcgrt|Tg(FCGRT)32Dcr|FCGRT|Prkdc

Affected Gene: Fc fragment of IgG receptor and transporter|transgene insertion 32; Derry C Roopenian|protein kinase; DNA activated; catalytic polypeptide

Genomic Alteration: targeted mutation 1; Derry C Roopenian|transgene insertion 32; Derry C Roopenian|severe combined immunodeficiency

Catalog Number: JAX:018441

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.Cg-Fcgrt^{tm1Dcr} Prkdc Tg(FCGRT)32Dcr/DcrJ

Record Creation Time: 20250513T053738+0000

Record Last Update: 20260725T044446+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Fcgrt^{tm1Dcr} Prkdc Tg(FCGRT)32Dcr/DcrJ.

No alerts have been found for B6.Cg-Fcgrt^{tm1Dcr} Prkdc Tg(FCGRT)32Dcr/DcrJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Sajadi MM, et al. (2025) A comprehensive engineering strategy improves potency and manufacturability of a near pan-neutralizing antibody against HIV. Structure (London, England : 1993), 33(7), 1150.

Kasse CM, et al. (2023) Subcutaneous delivery of an antibody against SARS-CoV-2 from a supramolecular hydrogel depot. Biomaterials science, 11(6), 2065.

Halwe S, et al. (2021) Intranasal Administration of a Monoclonal Neutralizing Antibody Protects Mice against SARS-CoV-2 Infection. Viruses, 13(8).