

**B6.129X1-*Fcgrt*<sup>tm1Dcr</sup>/DcrJ**

Stock No: 003982 | FcRn<sup>-</sup>

◆ Congenic, Targeted Mutation

Live mice available in varying quantities. Ask Customer Service for details.

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**Also Known As: FcRn<sup>-</sup>**

FcRn knock-out mice are unable to recycle IgG or albumin and degrade IgG at an accelerated rate, resulting in low plasma expression levels of both. Further, they are unable to transport IgG across epithelial barriers (e.g., neonatal gut and placenta), allowing for the study of maternal passive immunity. This model may be useful in testing therapeutic compounds and their involvement in the FcRn pathway, or as a control for humanized FcRn transgenics.

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**GENETIC OVERVIEW**

**Genetic Background**

**Generation**

N11F12p+N1F13  
(2020-09-14 00:00:00)

*Fcgrt*<sup>tm1Dcr</sup>

**Alele Type**

**Gene Symbol**

**Gene Name**

Targeted (Null/Knockout)

*Fcgrt*

Fc receptor, IgG, alpha chain transporter

V I E W   G E N E T I C S

## RESEARCH APPLICATIONS

Immunology, Inflammation and Autoimmunity Research  
Research Tools  
Neurobiology Research  
Cell Biology Research

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