

NOD.Cg-Prkdc^{scid} Il2rg^{tm1Wjl} Tg(CMV-IL3,CSF2,KITLG)1Eav/MloySzJ

Stock No: 013062 | NSG-SGM3

 Congenic, Spontaneous Mutation, Targeted Mutation, Transgenic

Sized to accommodate orders of up to 100 or more. Ask Customer Service for details.

PLACE ORDER

[Email](#) [Download PDF](#) [Help](#)

The triple transgenic NSG-SGM3 mice expressing human IL3, GM-CSF (CSF2) and SCF (KITLG) combine the features of the highly immunodeficient NOD scid gamma (NSG) mouse with cytokines that support the stable engraftment of myeloid lineages and regulatory T cell populations. As a result, these NSG-SGM3 mice allow superior engraftment of diverse hematopoietic lineages and primary AML samples than other models and are useful for immuno-oncology, immunology and infectious disease studies.

Donating Investigator

James C Mulloy, Cincinnati Children's Hospital Medical Center

READ MORE +

GENETIC OVERVIEW

Genetic Background

Generation

[Contact Technical Support](#)
(2018-07-27 00:00:00)

Tg(CMV-IL3,CSF2,KITLG)1Eav

Alele Type

Transgenic (Inserted expressed sequence, Humanized sequence)

Prkdc^{scid}

Alele Type

Spontaneous

Gene Symbol

Prkdc

Gene Name

protein kinase, DNA activated, catalytic polypeptide

Il2rg^{tm1Wjl}

Alele Type

Targeted (Null/Knockout)

Gene Symbol

Il2rg

Gene Name

interleukin 2 receptor, gamma chain

VIEW GENETICS

RESEARCH APPLICATIONS

Immunology, Inflammation and Autoimmunity Research
Research Tools
Internal/Organ Research
Virology Research
Cancer Research

[VIEW ALL RESEARCH APPLICATIONS](#)

BASE PRICE

Starting at:

\$249.90 Domestic price for male 3-week

[VIEW PRICE LIST](#)

Volume Pricing Available!

for select shipping destinations

[Click for Details](#)

[+ Details](#)

[+ Genetics](#)

[+ Disease/Phenotype](#)

[+ Technical Support](#)

[CONTACT TECHNICAL SUPPORT](#)

[+ Pricing & Availability](#)

[+ Terms Of Use](#)

[+ Related Strains](#)




DO YOU NEED BALB/c MICE?

Rely on JAX to provide the models you need, when you need them.

[LEARN MORE](#)



 [CONTACT](#)

 [DONATE](#)

 [SUBSCRIBE](#)

[JAX HOME](#) [CAREERS](#) [PRIVACY POLICY](#) [TERMS OF USE](#)

[RESEARCH CENTERS](#) [MOUSE GENOME INFORMATICS](#)


[MOUSE PHENOME DATABASE](#)

Leading the search for

TOMORROW'S CURES



©2020 THE JACKSON LABORATORY

Choose other country or region 

Did you find what you were looking for?

Yes No