

My Account

[Login](#)
[Create Account](#)

Resources

[View All \(813\)](#)
[Adenoviruses \(137\)](#)
[Antibodies \(175\)](#)
[Bioimages \(67\)](#)
[Genomics Studies \(145\)](#)
[mESC Lines \(68\)](#)
[Mouse Strains \(120\)](#)
[Miscellaneous \(46\)](#)
[Protocols \(55\)](#)
[Research Data \(4\)](#)
[Resource Tags \(389\)](#)
[Visualization \(9\)](#)

Research & Cores

[Core Facilities \(5\)](#)
[Research Highlights \(5\)](#)
[Research Networks](#)
[Research Objectives](#)

Information

[About the BCBC](#)
[BCBC Events](#)
[Branding & Logos](#)
[Career Opportunities](#)
[Health](#)
[NIH hESC Registry](#)
[Policies & Guidelines](#)
[Member Publications](#)
[Research Programs](#)
[Research Investigators](#)
[Member Directory](#)
[Tutorials](#)

NOD.Cg-Prkdc^{scid} Il2rg^{tm1Wjl} Tg(Ins1-EGFP/GH1)^{14Hara}/Sz - Mouse Strain RES214

Mouse Information

Common Name:	NOD.Cg-Prkdc ^{scid} Il2rg ^{tm1Wjl} Tg(Ins1-EGFP/GH1) ^{14Hara} /Sz
MGI Official Name:	NOD.Cg-Prkdc ^{scid} Il2rg ^{tm1Wjl} Tg(Ins1-EGFP/GH1) ^{14Hara} /Sz
Description:	NOD.Cg-Prkdc ^{scid} Il2rg ^{tm1Wjl} Tg(Ins1-EGFP/GH1) ^{14Hara} /Sz is a immunodeficient mouse carries a GFP transgene under the control of mouse insulin promoter 1, which leads to expression of eGFP in the beta cells.
Categories:	HUMANE

Genetic Alterations

1) Targeted Mutagenesis					
Type of Allele	Global Null				
Targeted Gene	interleukin 2 receptor, gamma chain (Il2rg - NCBI GeneID:16186)				
Targeted Allele	targeted mutation 1 (Il2rg ^{tm1Wjl} - MGI:1857455)				
Description of Targeting Vector	<i>Not provided</i>				
Targeting Vector Genbank File	<i>Not provided</i>				
Citations	<table border="1"> <thead> <tr> <th>PubMedID</th> <th>Citation</th> </tr> </thead> <tbody> <tr> <td>18096346</td> <td>Two-dimensional ultrashort echo time imaging using a spiral trajectory. (2008) <i>Magn Reson Imaging</i> 26: 304-12 (Added 2010-07-30 15:18:24.785119)</td> </tr> </tbody> </table>	PubMedID	Citation	18096346	Two-dimensional ultrashort echo time imaging using a spiral trajectory. (2008) <i>Magn Reson Imaging</i> 26: 304-12 (Added 2010-07-30 15:18:24.785119)
PubMedID	Citation				
18096346	Two-dimensional ultrashort echo time imaging using a spiral trajectory. (2008) <i>Magn Reson Imaging</i> 26: 304-12 (Added 2010-07-30 15:18:24.785119)				
3) BAC or Transgene Insertion					
Type of Vector	<i>Not provided</i>				
Promoter	Mouse insulin I (MIP - MGI:16333)				
Expressed Gene	human growth hormone I (HGH - MGI:2688)				
Description of Transgene	<i>Not provided</i>				
Vector Genbank File	<i>Not provided</i>				
Citations	<i>Not provided</i>				

Strain Information

Strain Type:	Congenic Strain
Chimera/Founder Genetic Background:	Not provided
Current Genetic Background:	Not provided (date recorded: Not provided)
Strain Description:	Not provided

Associated Images


No associated images have been supplied

Repositories


Herrera Lab

Stock #: *Not provided*

Access Status

 This resource is publicly viewable.

Request this Resource

 Request from a repository

Primary contributor: [Shultz Lab](#)

Co-contributed by:

- [Greiner Lab](#)
- [Herrera Lab](#)

Resource Tags


mouse, mouse strain, NOD, NOD.Cg-Prkdc^{scid} Il2rg^{tm1Wjl} Tg(Ins1-EGFP/GH1)^{14Hara}/Sz, SCID

 Login to edit tags

 Read more about tags

Resource History & Actions

Approved on Dec 26, 2007
Last modified on Apr 13, 2015

 Login to edit or request an edit


Related resources**BCBC**

No matching resources

Other Consortia

No matching resources

Data courtesy of [dkCOIN](#). Only public resources are displayed.

 Request this resource

Availability Notes: *Not provided*

Contact Information

Preferred Contact


Name	Leonard Shultz
Institution	The Jackson Laboratory
Phone	207-288-6405
Email	lenny.shultz@jax.org

Associated Publications

No publications associated

Comments

There are no comments for this entry.

 Login to add comments

[Home](#) · [Your Account](#) · [News & Events](#) · [Resources](#) · [Policies & Guidelines](#) · [About Us](#) · [FAQ](#) · [Site Map](#)

© 2002-2015 Beta Cell Biology Consortium - All Rights Reserved. [Terms of usage and disclaimer.](#)

