

**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

**Pdx1<sup>Flox123</sup> - Mouse Strain RES245****Mouse Information**

<b>Common Name:</b>	Pdx1 <sup>Flox123</sup>
<b>MGI Official Name:</b>	Pdx1 <sup>tm5Cvw</sup>
<b>Description:</b>	LoxP sites for cre recombinase were inserted to flank Area I-II-III, a conserved 5' cis-regulatory region of Pdx1. This allele was shown to be a conditional hypomorph by Fujitani et al. (2006) (PMID 16418487). Pdx1 <sup>tm3Cvw</sup> (Pdx1 <sup>deltaI-II-III</sup> ) is generated by Cre-mediated recombination in the germline of this allele.
<b>Categories:</b>	Cre-lox floxed alleles

**Genetic Alterations**

<b>1) Targeted Mutagenesis</b>	
<b>Type of Allele</b>	Other
<b>Targeted Gene</b>	Pancreatic and Duodenal homeobox 1 (Pdx1 - <a href="#">NCBI GeneID:18609</a> )
<b>Targeted Allele</b>	targeted mutation 5 (Pdx1 <sup>tm5(AI-II-III)</sup> - <a href="#">MGI:102851</a> )
<b>Description of Targeting Vector</b>	<i>Not provided</i>
<b>Targeting Vector Genbank File</b>	<i>Not provided</i>
<b>Citations</b>	Not Available

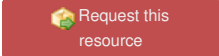
**Strain Information**

<b>Strain Type:</b>	Mixed
<b>Chimera/Founder Genetic Background:</b>	129S6/SvEvTac
<b>Current Genetic Background:</b>	129BL6/DAB2 (date recorded: 03/27/2015)
<b>Strain Description:</b>	Not provided

**Associated Images**

*No associated images have been supplied*


**Repositories**

<b>Wright Lab</b>	<b>Stock #:</b> <i>Not provided</i> <b>Availability Notes:</b> <i>Not provided</i>
	

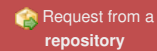
**Contact Information**

<b>Preferred Contact</b>	
<b>Name</b>	Chris Wright
<b>Institution</b>	Vanderbilt University
<b>Phone</b>	615-343-8256
<b>Email</b>	<a href="mailto:chris.wright@vanderbilt.edu">chris.wright@vanderbilt.edu</a>
<b>Primary Lab Contact</b>	
<b>Name</b>	Yu-Ping Yang
<b>Institution</b>	Vanderbilt University Medical Center
<b>Phone</b>	615-343-8258

**Access Status**

 This resource is publicly viewable.

**Request this Resource**




Primary contributor: [Wright Lab](#)

**Resource Tags**

mouse, mouse strain, Pdx1, Pdx1<sup>Flox123</sup>





**Resource History & Actions**

Approved on Aug 27, 2008  
Last modified on May 26, 2009



**Related resources****BCBC**

*No matching resources*

**Other Consortia**

*No matching resources*

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

**Email** [yuping.yang@vanderbilt.edu](mailto:yuping.yang@vanderbilt.edu)

---

### 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.](#)

