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Pdx1^{Flox123} - Mouse Strain RES245**Mouse Information**

Common Name:	Pdx1 ^{Flox123}
MGI Official Name:	Pdx1 ^{tm5Cvw}
Description:	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 ^{tm3Cvw} (Pdx1 ^{deltaI-II-III}) is generated by Cre-mediated recombination in the germline of this allele.
Categories:	Cre-lox floxed alleles

Genetic Alterations

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

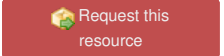
Strain Information

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

Associated Images

No associated images have been supplied


Repositories

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


Contact Information

Preferred Contact	
Name	Chris Wright
Institution	Vanderbilt University
Phone	615-343-8256
Email	chris.wright@vanderbilt.edu
Primary Lab Contact	
Name	Yu-Ping Yang
Institution	Vanderbilt University Medical Center
Phone	615-343-8258

Access Status

 This resource is publicly viewable.

Request this Resource



Primary contributor: [Wright Lab](#)

Resource Tags

mouse, mouse strain, Pdx1, Pdx1^{Flox123}





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

Associated Publications

No publications associated

Comments

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