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pdx2E3 - Mouse Strain RES183**Mouse Information**

Common Name:	pdx2E3
MGI Official Name:	STOCK Ipf1 ^{tm2Cvw} /Mmnc
Description:	The homozygous phenotype of these animals show growth retardation and dehydration with lack of gastric emptying; ie. a-pancreatic. Heterozygous phenotype includes expression of beta-galactosidase in developing stomach, bile duct and cystic ducts and early pancreatic buds.
Categories:	LacZ

Genetic Alterations**1) Targeted Mutagenesis**

Type of Allele	Gene Replacement				
Targeted Gene	insulin promoter factor 1, homeodomain transcription factor (Ipf1 - NCBI GeneID:18609)				
Targeted Allele	insulin promoter factor 1, homeodomain transcription factor / targeted mutation 2, Christopher V E Wright (Ipf1 ^{tm2Cvw} - MGI:2181362)				
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>8631275</td> <td>PDX-1 is required for pancreatic outgrowth and differentiation of the rostral duodenum. (1996) <i>Development</i> 122: 983-95 (Added 2012-11-08 15:38:22.324709)</td> </tr> </tbody> </table>	PubMedID	Citation	8631275	PDX-1 is required for pancreatic outgrowth and differentiation of the rostral duodenum. (1996) <i>Development</i> 122: 983-95 (Added 2012-11-08 15:38:22.324709)
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Strain Information

Strain Type:	Unclassified
Chimera/Founder Genetic Background:	129 x Black Swiss
Current Genetic Background:	B6D2 (date recorded: 03/27/2015)
Strain Description:	Not provided

Associated Images

No associated images have been supplied

Repositories**MMRRC**

Request via www.mmrc.org website

Stock #: 000434-UNC

Availability Notes: *Not provided*

Contact Information**Preferred Contact**

Name	Chris Wright
Institution	Vanderbilt University
Phone	615-343-8256
Email	chris.wright@vanderbilt.edu

Access Status

This resource is publicly viewable.

Request this Resource

Request from a repository

Primary contributor: [Wright Lab](#)

Resource Tags

LacZ, mouse, mouse strain, Pdx1, pdx2E3



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Resource History & Actions

Approved on Mar 07, 2006

Last modified on Apr 28, 2006



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.

Primary Lab Contact


Name	<i>Not provided</i>
Institution	<i>Not provided</i>
Phone	<i>Not provided</i>
Email	<i>Not provided</i>

Associated Publications

No publications associated

Comments

There are no comments for this entry.

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