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**Ptf1a<sup>rtTA</sup> - Mouse Strain RES4021****Mouse Information**

<b>Common Name:</b>	Ptf1a <sup>rtTA</sup>
<b>MGI Official Name:</b>	Ptf1a <sup>tm2(rtTA)Mgn</sup>
<b>Description:</b>	This mouse line expresses the reverse tetracycline transactivator (rtTA) under control of the Ptf1a regulatory sequences. This mouse is useful for activating expression of various TetO-regulated genes in sites where Ptf1a is normally expressed.
<b>Categories:</b>	Tet

**Genetic Alterations****1) RMCE Targeted Mutagenesis**

<b>Type of Allele</b>	Cassette Acceptor
<b>Targeted Gene</b>	pancreas specific transcription factor, 1a (Ptf1a - <a href="#">NCBI GeneID:19213</a> )
<b>Targeted Allele</b>	targeted mutation 1 (Ptf1a <sup>tm1(LCA)</sup> - <a href="#">MGI:1328312</a> )
<b>Description of Targeting Vector</b>	Not Available
<b>Targeting Vector Genbank File</b>	<a href="#">Ptf1a.LCA.gb</a>
<b>Recombinase-Mediated Cassette Exchange Stage</b>	
<b>Type of Allele:</b>	Not available
<b>Exchanged Cassette Gene</b>	Not provided. (Ptf1a <sup>tm1.2(rtTA)Mgn</sup> - <a href="#">NCBI GeneID:19213</a> )
<b>Exchanged Cassette Allele Name</b>	Ptf1a <sup>tm1.2(rtTA)Mgn</sup>
<b>Description of Exchange Vector</b>	Ptf1a{rtTA}
<b>Exchange Vector Genbank File:</b>	<a href="#">ptf1a.rtta.hygro_1.gb</a>
<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>	C57BL/6J (date recorded: 12/14/2011)
<b>Strain Description:</b>	This line is in a mixed genetic background containing both 129S6 and C57BL/6 DNA.

**Associated Images****Image 1**


**Description:**  
Not provided

**Reference:**  
Not provided

**Access Status**

 This resource is publicly viewable.

**Request this Resource**

 Request from a repository

Primary contributor: [Magnuson Lab](#)  
Co-contributed by:  
• [BCBC Mouse / ES Cell Core](#)

**Resource Tags**


mouse, mouse strain, Ptf1a<sup>rtTA</sup>, Ptf1a<sup>tm2(rtTA)Mgn</sup>

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**Resource History & Actions**

Approved on Mar 05, 2011  
Last modified on Oct 01, 2012

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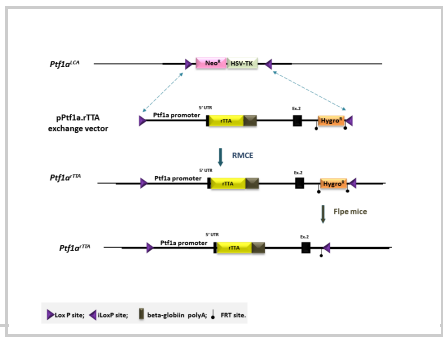
**Related resources****BCBC**

No matching resources

**Other Consortia**

No matching resources

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



## Repositories

### Magnuson Lab

Out of stock

Stock #: Not provided

Availability Notes: Not provided

### MMRRC

Request via [www.mmrc.org](http://www.mmrc.org) website

Stock #: 036492

Availability Notes: Not provided

## Contact Information

### Preferred Contact

Name	Mark Magnuson
Institution	Vanderbilt University
Phone	615-322-7006
Email	<a href="mailto:mark.magnuson@vanderbilt.edu">mark.magnuson@vanderbilt.edu</a>

## Associated Publications

No publications associated

## Comments

There are no comments for this entry.

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