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**Pdx1<sup>deltall</sup> - Mouse Strain RES242****Mouse Information**

<b>Common Name:</b>	Pdx1 <sup>deltall</sup>
<b>MGI Official Name:</b>	Pdx1 <sup>tm6Cww</sup>
<b>Description:</b>	This is a targeted deletion of Area II 5' cis-regulatory region of Pdx1.
<b>Categories:</b>	None specified.

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

<b>Type of Allele</b>	Cassette Acceptor
<b>Targeted Gene</b>	pancreatic and duodenal homeobox 1 (Pdx1 - <a href="#">NCBI GeneID:18609</a> )
<b>Targeted Allele</b>	targeted mutation 1 (Pdx1 <sup>tm1(LCA)</sup> - <a href="#">MGI:102851</a> )
<b>Description of Targeting Vector</b>	An 8.62 kb region of this gene has been replaced by tandemly oriented Lox66 and Lox2272 sites flanking positive (puromycin) and negative (HSV-TK) selectable markers.

**Targeting Vector Genbank File** [pidx1tv.gb](#)

**Recombinase-Mediated Cassette Exchange Stage**

<b>Type of Allele:</b>	Gene Replacement
<b>Exchanged Cassette Gene</b>	Not provided.
<b>Exchanged Cassette Allele Name</b>	Pdx1 <sup>Allid</sup>
<b>Description of Exchange Vector</b>	The pdx1 Area II enhancer region was deleted from the pPdx1.Ex1 basal exchange vector (255 bp from -2168/-1913 relative to the primary transcription start site reported by Gerrish, K.et.al., JBC 2000). This will replace endogenous pdx1 sequences, and allow for assessment of the role of this enhancer region in pdx1 expression in vivo. Sequences flanking Area II deletion: ctcatcctgt/gaaggaaggt

**Exchange Vector Genbank File:** [pdx1Allid.gb](#)

**Citations** Not Available

**Strain Information**

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


**Associated Images**

Image 1


**Description:**

The *pdx1* Area II enhancer region was deleted from the *pPdx1.Ex1* basal exchange vector (255 bp from -2168/-1913 relative to the primary transcription start site reported

**Access Status**

 This resource is publicly viewable.

**Request this Resource**

 Request from a repository

Primary contributor: [Wright Lab](#)

Co-contributed by:

- [BCBC Mouse / ES Cell Core](#)

**Resource Tags**

mESC Core, mouse, mouse strain, Pdx1, Pdx1<sup>deltall</sup>, RMCE

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**Resource History & Actions**

Approved on Aug 14, 2008

Last modified on May 26, 2009

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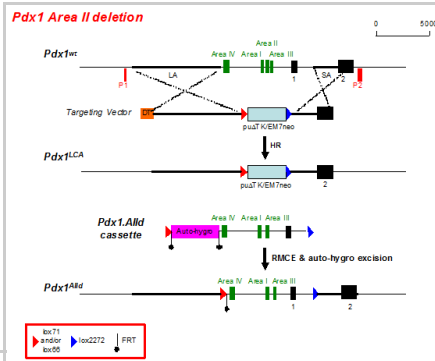
**Related resources****BCBC**

No matching resources

**Other Consortia**

No matching resources

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



## Repositories

### Wright Lab



**Stock #:** Not provided  
**Availability Notes:** Not provided

## Contact Information

### Preferred Contact

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## Associated Publications

No publications associated

## Comments

There are no comments for this entry.

