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Insulin-CreER - Mouse Strain RES206**Mouse Information**

Common Name:	Insulin-CreER
MGI Official Name:	Tg(RIP-Cre/ESR1) ^{Y^{dor}}
Description:	A transgenic mouse expression tamoxifen-inducible Cre recombinase under rat insulin promoter. Upon the injection of tamoxifen, loxP-flanked DNA sequences in beta cells will be deleted.
Categories:	Cre-lox inducible

Genetic Alterations

1) BAC or Transgene Insertion					
Type of Vector	Plasmid				
Promoter	Insulin (Ins - MGI:16333)				
Expressed Gene	Tamoxifen-inducible Cre recombinase (CreER)				
Description of Transgene	The RIPCreER construct was generated by fusing a 0.66-kilobase Smal HindIII fragment of the RIP2 promoter to a minimal hsp68 promoter, and placing the chimaeric promoter upstream of CreER.				
Vector Genbank File	<i>Not provided</i>				
Citations	<table border="1"> <thead> <tr> <th>PubMedID</th> <th>Citation</th> </tr> </thead> <tbody> <tr> <td>15129273</td> <td>Adult pancreatic beta-cells are formed by self-duplication rather than stem-cell differentiation. (2004) <i>Nature</i> 429: 41-6 (Added 2005-08-16 09:28:01)</td> </tr> </tbody> </table>	PubMedID	Citation	15129273	Adult pancreatic beta-cells are formed by self-duplication rather than stem-cell differentiation. (2004) <i>Nature</i> 429 : 41-6 (Added 2005-08-16 09:28:01)
PubMedID	Citation				
15129273	Adult pancreatic beta-cells are formed by self-duplication rather than stem-cell differentiation. (2004) <i>Nature</i> 429 : 41-6 (Added 2005-08-16 09:28:01)				

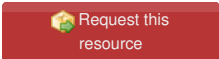
Strain Information

Strain Type:	Mixed
Chimera/Founder Genetic Background:	FVB/N
Current Genetic Background:	ICR (date recorded: Not provided)
Strain Description:	Not provided

Associated Images

No associated images have been supplied


Repositories

Dor Lab	<p> Request this resource</p> <p>Stock #: <i>Not provided</i> Availability Notes: <i>Not provided</i></p>
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Contact Information

Preferred Contact	
Name	Yuval Dor
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Access Status

 This resource is publicly viewable.


Request this Resource


 **Request from a repository**

Primary contributor: [Dor Lab](#)

Resource Tags

Cre, Insulin, Insulin-CreER, mouse, mouse strain

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 **Read more about tags**

Resource History & Actions

Approved on Nov 30, 2007
Last modified on Nov 30, 2007

 **Login to edit or request an edit**

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No matching resources

Other Consortia

No matching resources

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

Primary Lab Contact


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Associated Publications

No publications associated

Comments

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