### Mouse Information

**Common Name:** Insulin-CreER  
**MGI Official Name:** Tg(RIP-Cre/ESR1)Ydor  
**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 SmaI HindIII fragment of the RIP2 promoter to a minimal hsp68 promoter, and placing the chimaeric promoter upstream of CreER.

<table>
<thead>
<tr>
<th>Description of Transgene</th>
<th>Vector Genbank File</th>
<th>Citations</th>
</tr>
</thead>
<tbody>
<tr>
<td>The RIPCreER construct was generated by fusing a 0.66-kilobase SmaI HindIII fragment of the RIP2 promoter to a minimal hsp68 promoter, and placing the chimaeric promoter upstream of CreER.</td>
<td>Not provided</td>
<td>PubMedID: 15129273</td>
</tr>
</tbody>
</table>

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

### Contact Information

**Preferred Contact**

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Associated Publications
No publications associated

Comments
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Generated on July 31, 2015