

# Cela1-2A-DreERT2

<b>Nomenclature</b>	C57BL/6Smoc- <i>Cela1</i> <sup>em1(2A-DreERT2)Smoc</sup>
<b>Cat. NO.</b>	NM-KI-190094
<b>Strain State</b>	Embryo cryopreservation

## Gene Summary

<b>Gene Symbol</b> Cela1	<b>Synonyms</b>	Ela1; Ela-1; PC-TsF; 1810009A17Rik; 1810062B19Rik
	<b>NCBI ID</b>	<a href="#">109901</a>
	<b>MGI ID</b>	<a href="#">95314</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000023031</a>
	<b>Human Ortholog</b>	CELA1

## Model Description

A 2A-DreERT2 expression cassette was knocked into the Cela1 gene stop codon site.

**Research Application:** Dre recombinase tool, pancreatic acinar cells

\*Literature published using this strain should indicate: Cela1-2A-DreERT2 mice (Cat. NO. NM-KI-190094) were purchased from Shanghai Model Organisms Center, Inc..

## Validation Data

## *Cela1-2A-DreER;tdT*

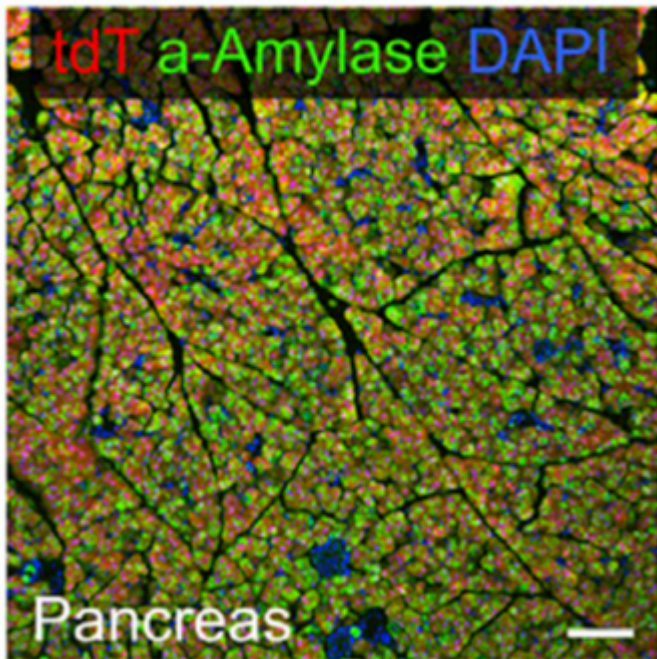


Fig.1 DreERT2-mediated recombination in the pancreas of  $Gja1^{DreERT2/+}$ ;  $R26^{tdTomato/+}$  mouse. TdTomato (red) expression can be detected in the pancreas after tamoxifen treatment.  $\alpha$ -amylase (green) is a digestive enzyme that is predominantly secreted by the acinar cells of the exocrine pancreas. (Documented in the following reference.)

## Publications

[A Suite of New Dre-recombinase Drivers Markedly Expands the Ability to Perform Intersectional Genetic Targeting](#)

References: CELL STEM CELL