

# Npr3-2A-DreERT2

<b>Nomenclature</b>	C57BL/6Smoc- <i>Npr3</i> <sup>em1(2A-DreERT2)Smoc</sup>
<b>Cat. NO.</b>	NM-KI-190015
<b>Strain State</b>	Repository Live

## Gene Summary

<b>Gene Symbol</b> <b>Npr3</b>	<b>Synonyms</b>	lgj; EF-2; stri; ANP-C; NPR-C; ANPR-C
	<b>NCBI ID</b>	<a href="#">18162</a>
	<b>MGI ID</b>	<a href="#">97373</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000022206</a>
	<b>Human Ortholog</b>	NPR3

## Model Description

The 2A-DreERT2 cassette is inserted before 3'UTR region of Npr3 gene.

**Research Application:** Dre recombinase tool

\*Literature published using this strain should indicate: Npr3-2A-DreERT2 mice (Cat. NO. NM-KI-190015) were purchased from Shanghai Model Organisms Center, Inc..

## Validation Data

## *Npr3-2A-DreER;ZsGreen*

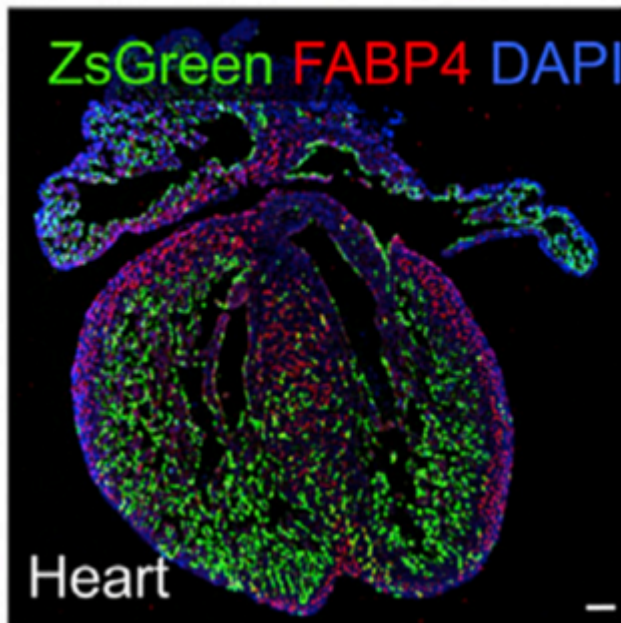


Fig.1 DreERT2-mediated recombination in the heart of  $Npr3^{DreERT2/+}$ ;  $R26^{ZsGreen/+}$  mouse. ZsGreen (green) expression can be detected in the heart after tamoxifen treatment. Fabp4 (tdTomato) is the marker gene known to be expressed in the coronary vessel endothelial cells. (Documented in the following reference.)

## Publications

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

References: CELL STEM CELL