

Npr3-2A-DreERT2

系統名	C57BL/6Smoc- <i>Npr3</i> ^{em1(2A-DreERT2)Smoc}
SMOC番号	NM-KI-190015
維持形態	Repository Live

遺伝子の概要

Gene Symbol Npr3	Synonyms	lgj; EF-2; stri; ANP-C; NPR-C; ANPR-C
	NCBI ID	18162
	MGI ID	97373
	Ensembl ID	ENSMUSG00000022206
	Human Ortholog	NPR3

説明

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

応用分野: 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..

表現型データ

Npr3-2A-DreER;ZsGreen

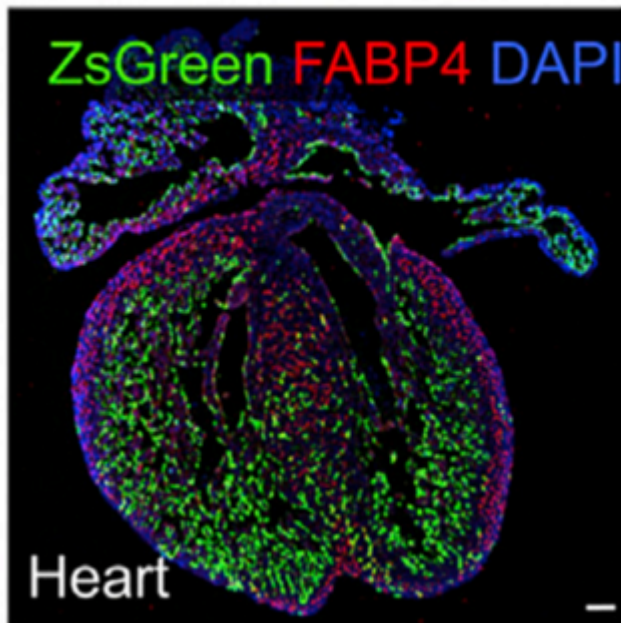


Fig.1 DreERT2-mediated recombination in the heart of $Npr3^{DreERT2/+}$; $R26^{ZsGreen/+}$ mouse. ZsGreen (green) expression can be detected in the heart after tamoxifen treatment. Fabp4 (tdTomato) is the marker gene known to be expressed in the coronary vessel endothelial cells. (Documented in the following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

出版物

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

References: CELL STEM CELL