

Kank1-2A-DreERT2

系統名	C57BL/6Smoc- <i>Kank1</i> ^{em1(2A-DreERT2)Smoc}
SMOC番号	NM-KI-190040
維持形態	Embryo cryopreservation

遺伝子の概要

Gene Symbol Kank1	Synonyms	Ankrd15; AU015049; AW121052; mKIAA0172; A930031B09Rik; D330024H06Rik
	NCBI ID	107351
	MGI ID	2147707
	Ensembl ID	ENSMUSG00000032702
	Human Ortholog	KANK1

説明

A 2A-DreERT2 expression cassette was knocked into the Kank1 gene stop codon site.

応用分野: Dre recombinase tool

*Literature published using this strain should indicate: Kank1-2A-DreERT2 mice (Cat. NO. NM-KI-190040) were purchased from Shanghai Model Organisms Center, Inc..

表現型データ

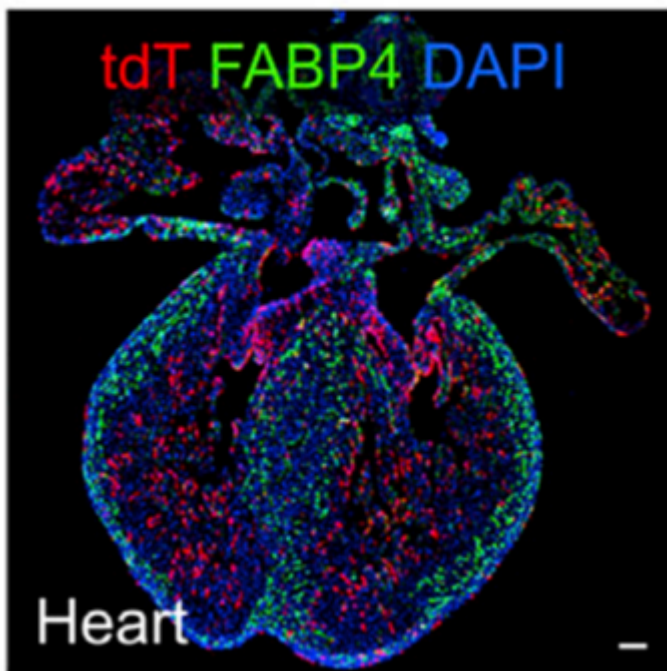
Kank1-2A-DreER;tdT

Fig.1 DreERT2-mediated recombination in the heart of $Kank1^{DreERT2/+}$; $R26^{tdTomato/+}$ mouse. TdTomato (red) expression can be detected in the heart after tamoxifen treatment. Fabp4 (green) 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