



Kank1-2A-DreERT2

Nomenclature	C57BL/6Smoc- <i>Kank1</i> ^{em1(2A-DreERT2)Smoc}
Cat. NO.	NM-KI-190040
Strain State	Embryo cryopreservation

Gene Summary

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

Model Description

将2A-DreERT2共表达结构插入到小鼠Kank1基因终止密码子处。

Research Application: Dre工具鼠

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

Validation Data

Kank1-2A-DreER;tdT

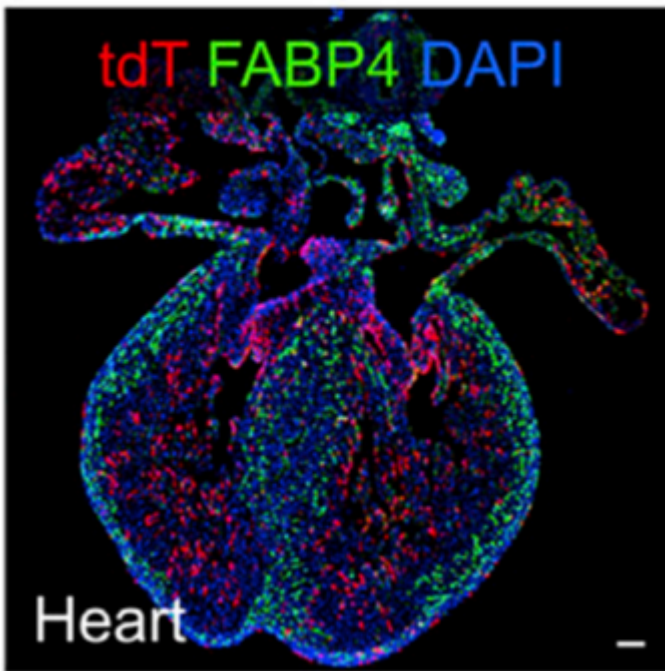


图1 $Kank1^{DreERT2/+}$; $R26^{tdTomato/+}$ 小鼠心脏细胞中可检测到tdTomato的表达。

经Tamoxifen诱导, $Kank1^{DreERT2/+}$; $R26^{tdTomato/+}$ 双转基因鼠, 可在心脏细胞中表达tdTomato (红色)。FABP4 (绿色) 是血管内皮细胞标志蛋白。(见参考文献)

Publications

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

References: CELL STEM CELL