

Kcng4-Cre

Nomenclature	C57BL/6Smoc- <i>Kcng4</i> ^{em1(iCre-pA)Smoc}
Cat. NO.	NM-KI-200111
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol Kcng4	Synonyms	KV6.3; KV6.4; AW049024; 4921535I01Rik
	NCBI ID	66733
	MGI ID	1913983
	Ensembl ID	ENSMUSG00000045246
	Human Ortholog	KCNG4

Model Description

A iCre-pA expression cassette was knocked into the *Kcng4* gene start codon site.

Research Application: Cre recombinase tool

*Literature published using this strain should indicate: *Kcng4*-Cre mice (Cat. NO. NM-KI-200111) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

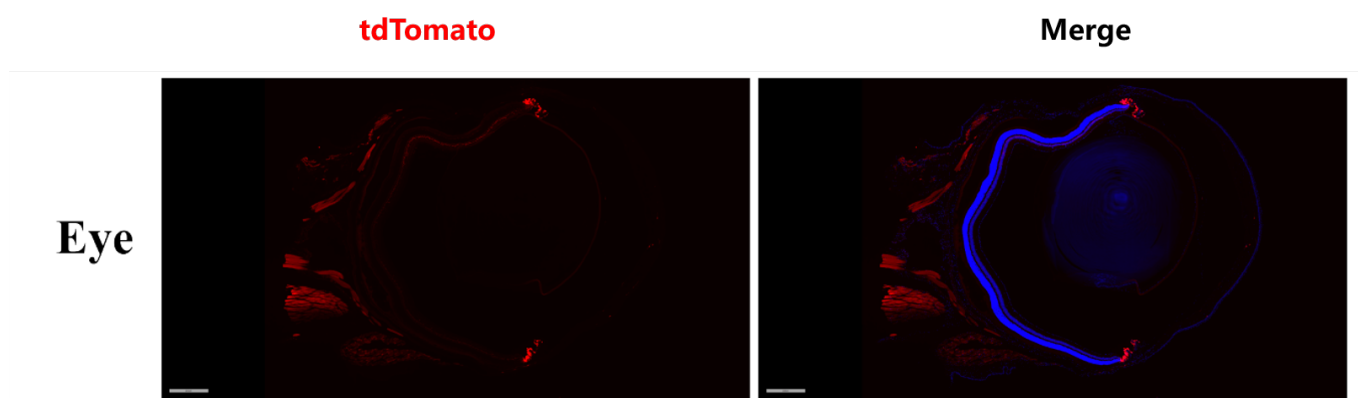


Figure 1: Cre-mediated recombination in the retina of *Kcng4* iCre/+; *Rosa26tdTomato*/+ mouse. Detection of tdTomato (red) in the retina of *Kcng4* iCre/+; *Rosa26tdTomato*/+ mouse.

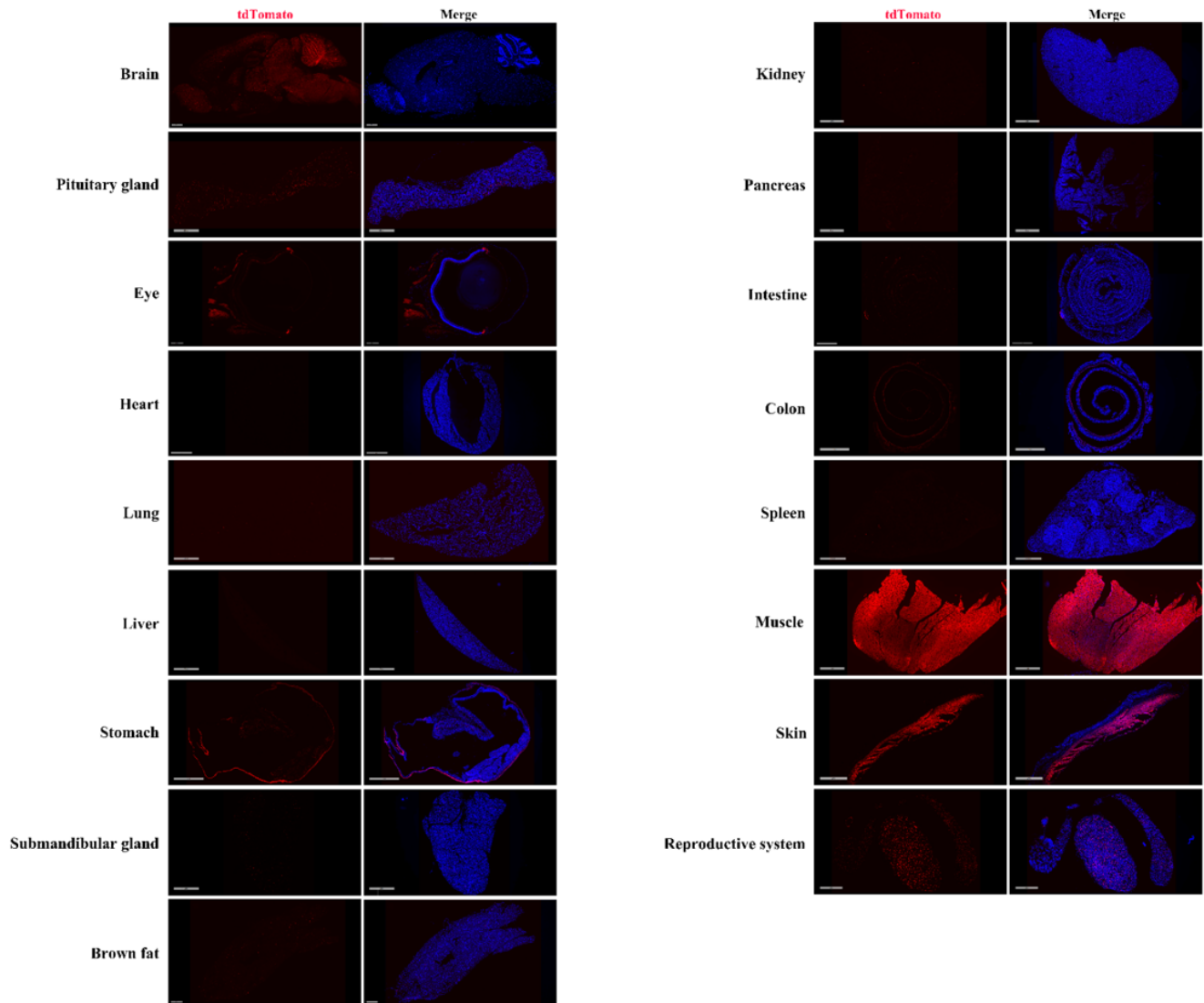


Figure 2: Detection of tdTomato (red) in various tissues of *Kcng4iCre/+; Rosa26tdTomato/+* mice.