

Tac1-IRES-Cre

Nomenclature	C57BL/6Smoc- <i>Tac1</i> ^{em1(IRES2-iCre)Smoc}
Cat. NO.	NM-KI-200083
Strain State	Developing

Gene Summary

Gene Symbol Tac1	Synonyms	SP; NK1; NK-1; Nkna; PPTA; PPT-A; 4930528L02Rik
	NCBI ID	21333
	MGI ID	98474
	Ensembl ID	ENSMUSG00000061762
	Human Ortholog	TAC1

Model Description

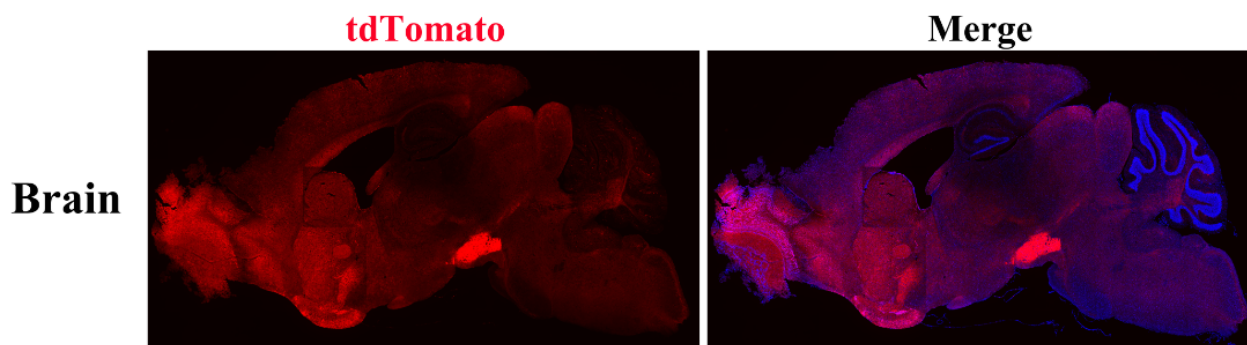
A IRES-Cre expression cassette was knocked into the Tac1 gene stop codon site.

Research Application: Cre recombinase tool

*Literature published using this strain should indicate: Tac1-IRES-Cre mice (Cat. NO. NM-KI-200083) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

A



B

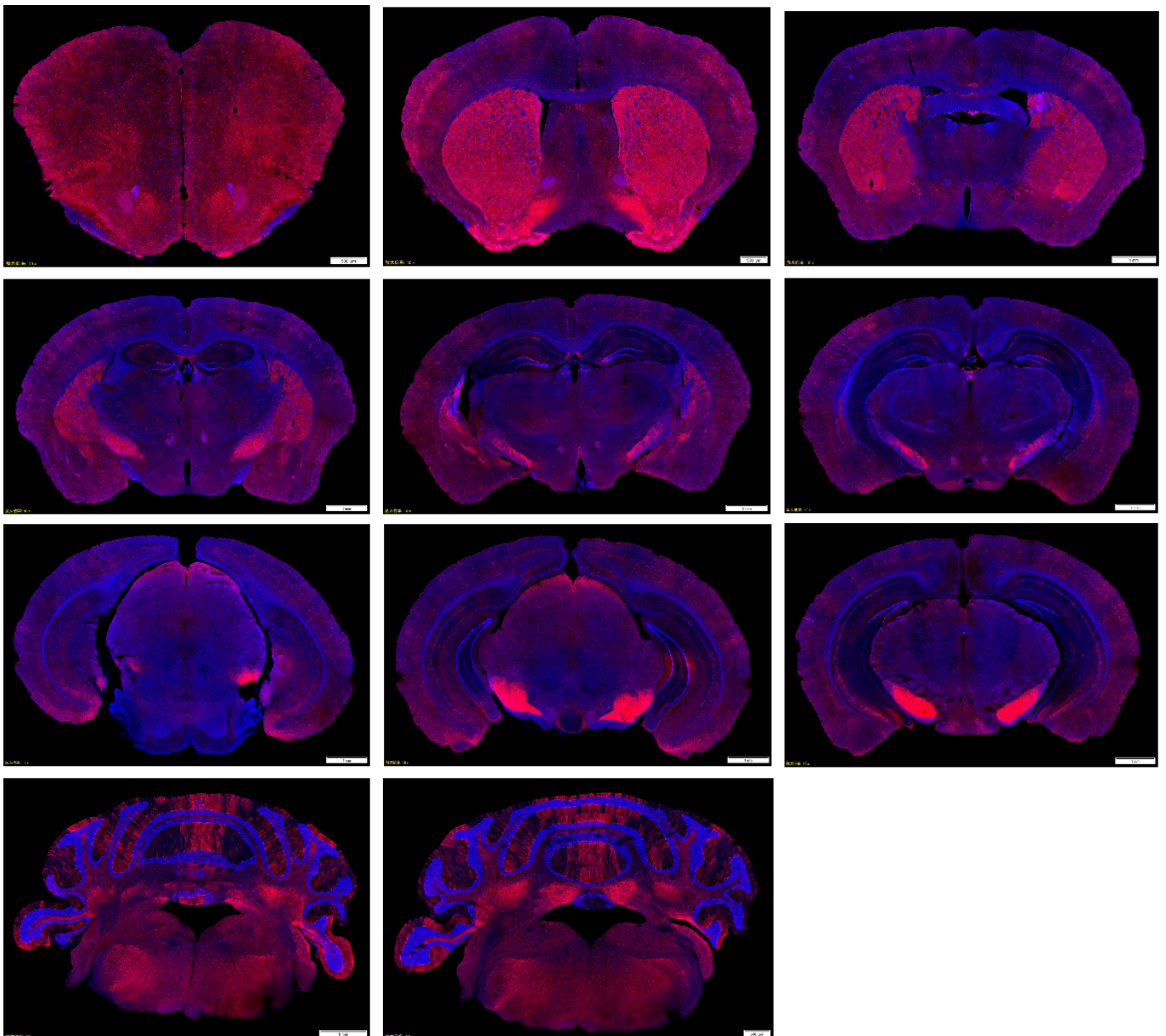


Figure 1: Cre-mediated recombination in the brain of *Tac1iCre/+; Rosa26tdTomato/+* mouse. Detection of tdTomato (red) in the brain of *Tac1iCre/+; Rosa26tdTomato/+* mouse .

Figure A: sagittal plane of the brain;

Figure B: coronal plane of the brain(Collaborate with our customer).

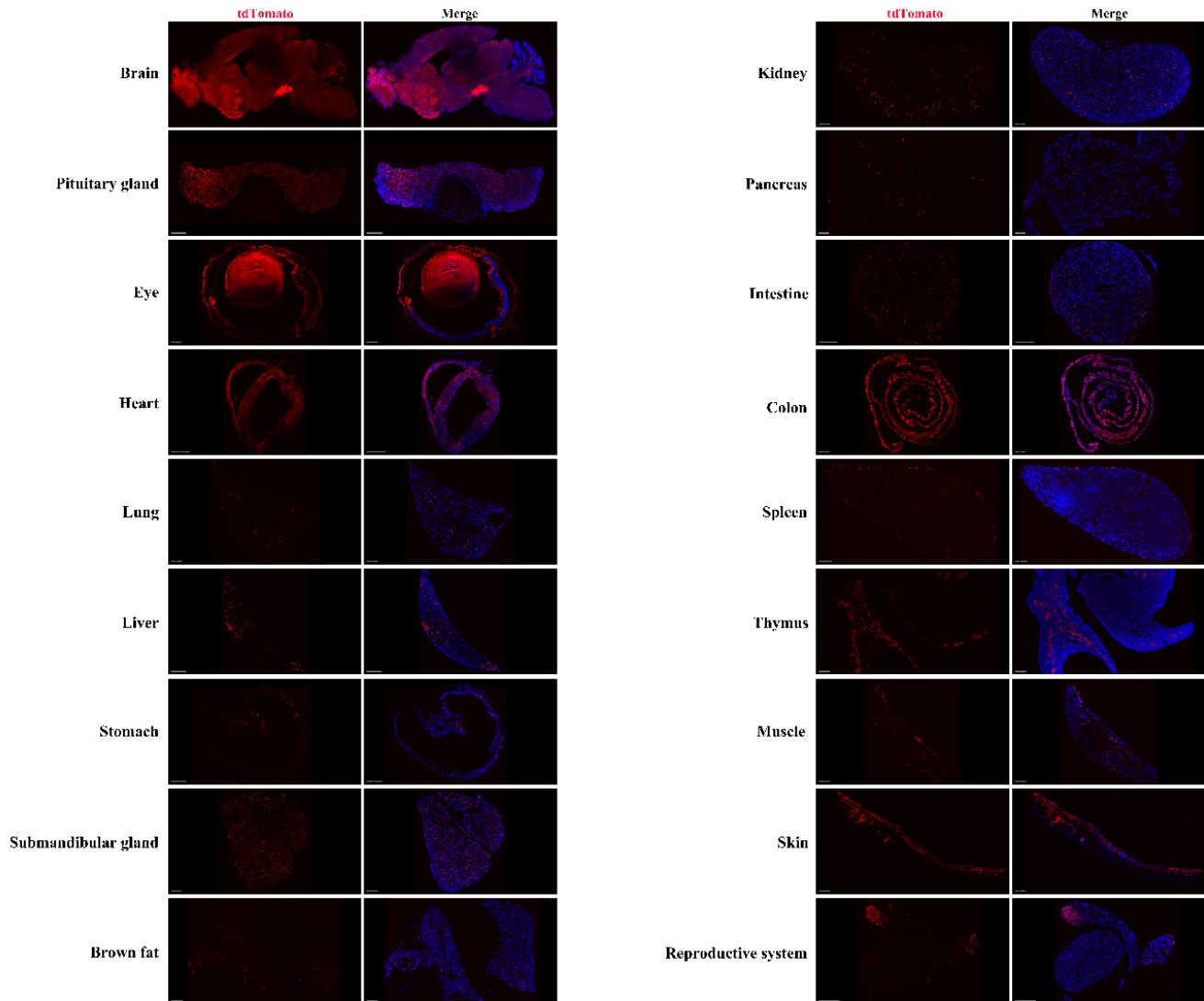


Figure 2: Detection of tdTomato (red) in various tissues of *Tac1iCre/+; Rosa26tdTomato/+* mice.