

Nphs2-CreERT2

Nomenclature	C57BL/6Smoc- <i>Nphs2</i> ^{tm1(IRES-CreERT2)Smoc}
Cat. NO.	NM-KI-00128
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol Nphs2	Synonyms	PDCN; SRN1
	NCBI ID	170484
	MGI ID	2157018
	Ensembl ID	ENSMUSG00000026602
	Human Ortholog	NPHS2

Model Description

An IRES-CreERT2 co-expression cassette is inserted into 3'UTR region of Nphs2 gene via homologous recombination to establish a tamoxifen inducible Nphs2-CreERT2 tool stain.

*Literature published using this strain should indicate: Nphs2-CreERT2 mice (Cat. NO. NM-KI-00128) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

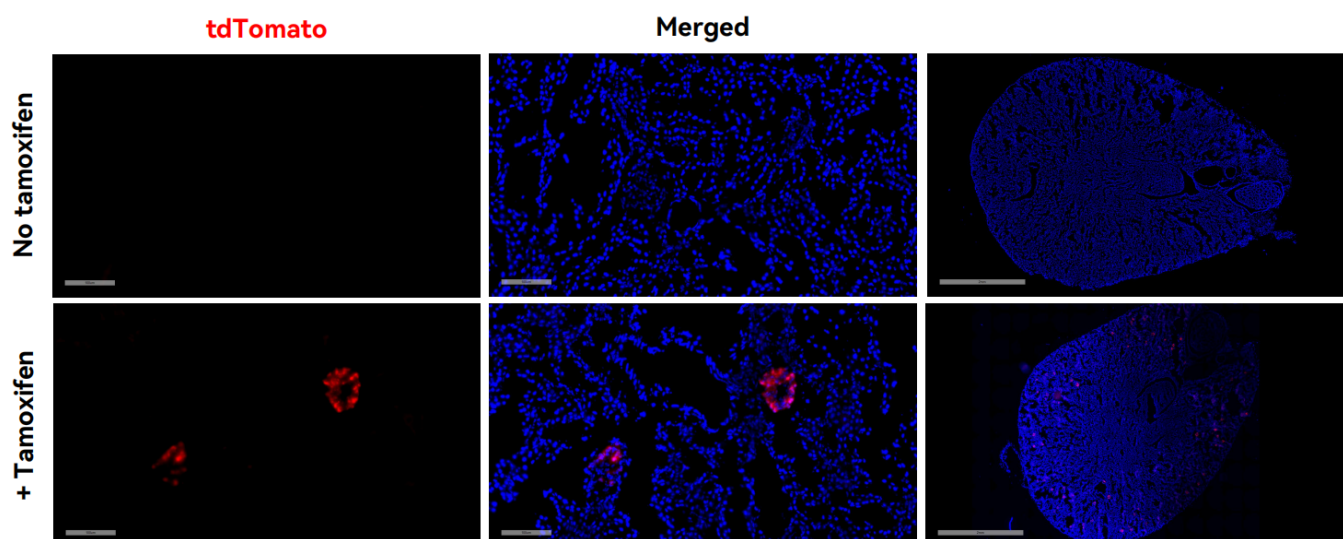


Fig1. CreERT2-mediated recombination in Corneal stromal of Nphs2^{CreERT2/+}; Rosa26^{tdTomato/+} mouse.

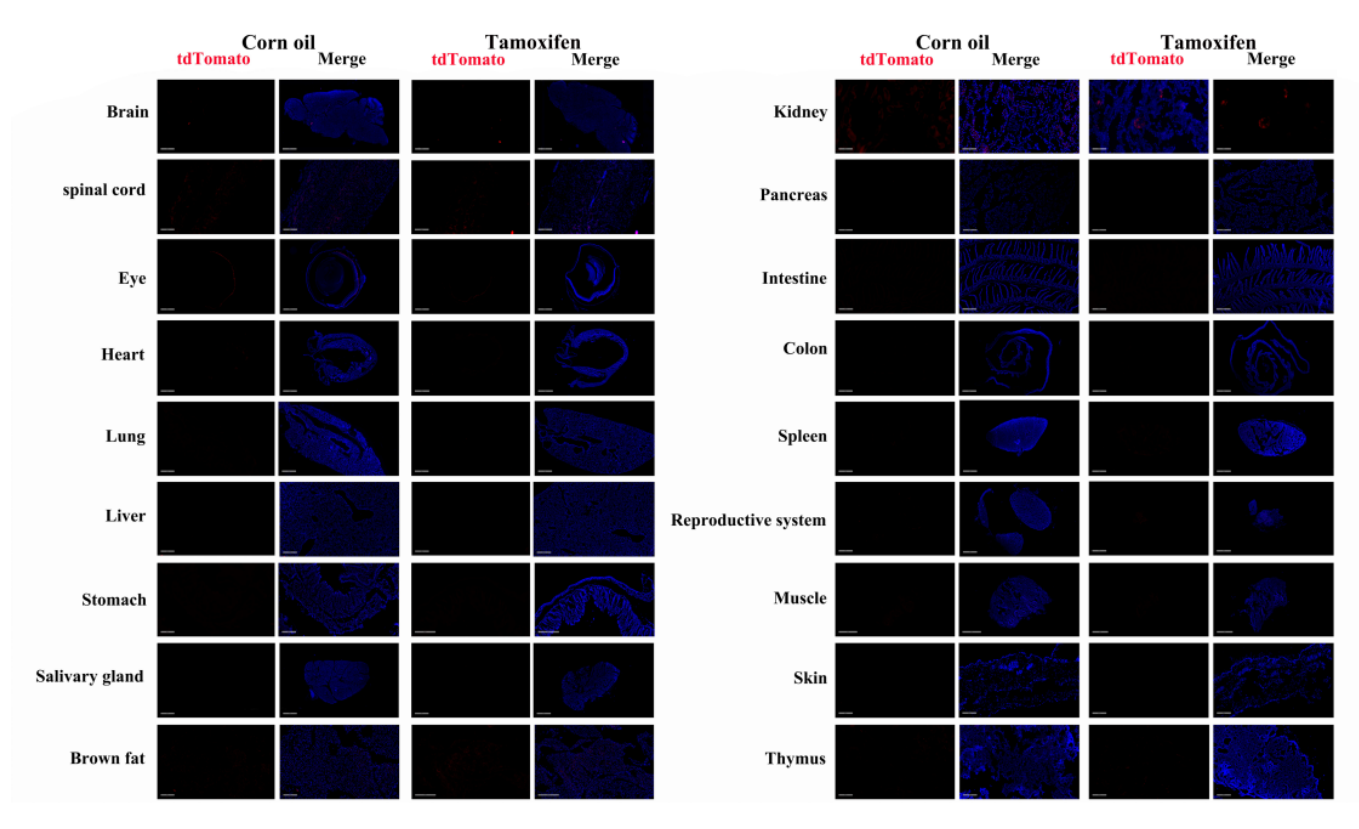


Fig2. Detection of tdTomato (red) in various tissues of Nphs2^{CreERT2/+}; Rosa26^{tdTomato/+} mice. (For more detailed information please contact our technical advisor.)