

Trp63-CreERT2

Nomenclature	C57BL/6Smoc- <i>Trp63</i> ^{em(CreERT2-WPRE-polyA)Smoc}
Cat. NO.	NM-KI-225021
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol Trp63	Synonyms	Ket; P63; P73l; Tp63; P51/P63; AI462811; Trp53rp1
	NCBI ID	22061
	MGI ID	1330810
	Ensembl ID	ENSMUSG00000022510
	Human Ortholog	-

Model Description

A CreERT2-Wpre-polyA expression cassette was knocked into the exon4 of Trp63 gene via CRISPR/Cas mediated recombination.

*Literature published using this strain should indicate: Trp63-CreERT2 mice (Cat. NO. NM-KI-225021) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

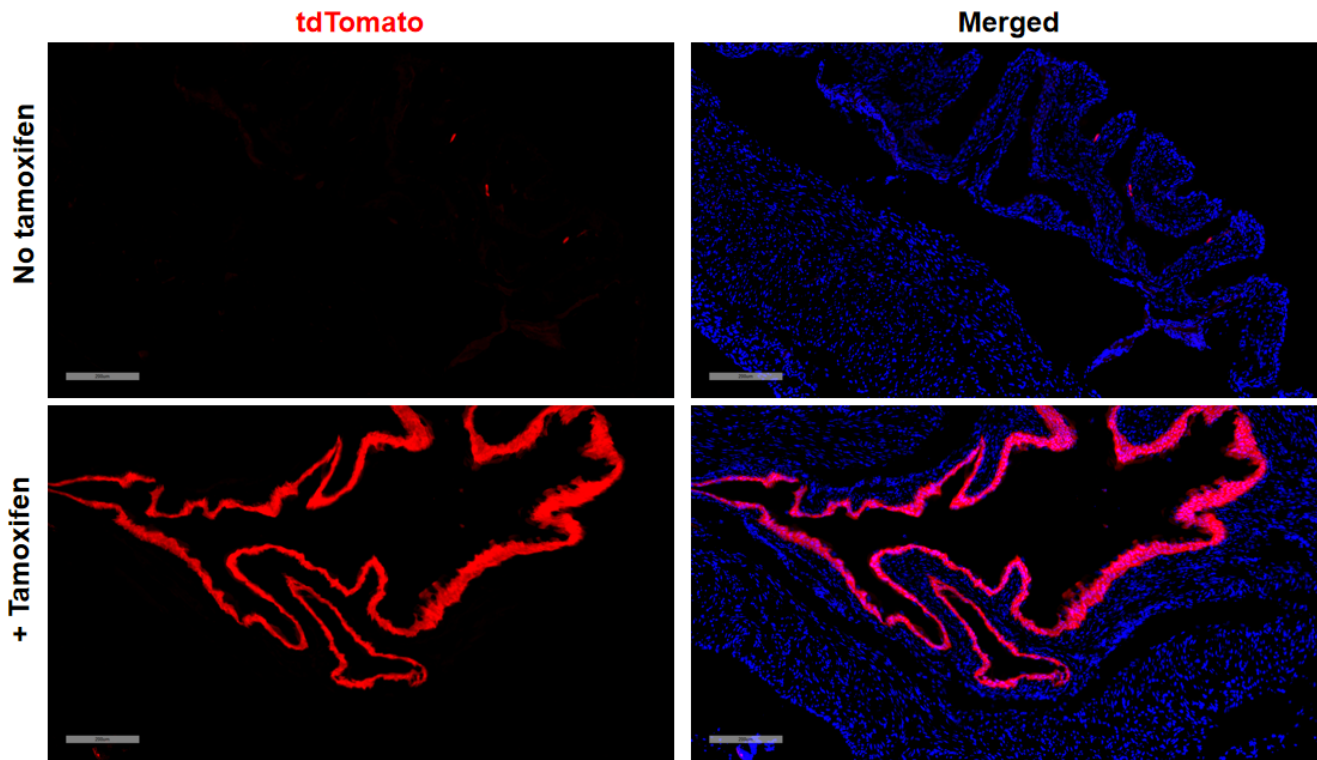


Fig1. Cre mediated recombination in bladder of $Trp63CreERT2/+;Rosa26tdTomato/+$ mouse.

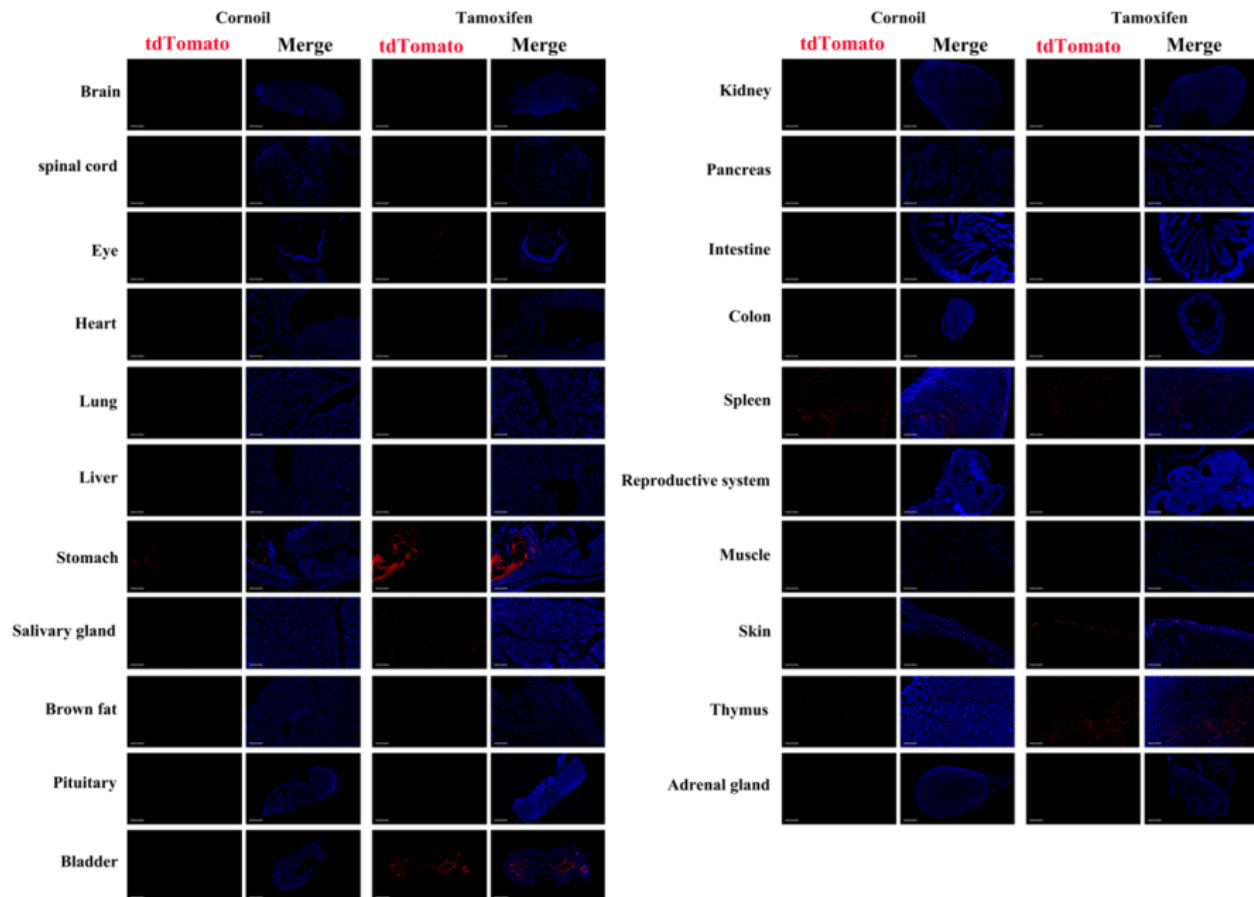


Fig2. Detection of tdTomato(red) in various tissues of

Trp63CreERT2/+;Rosa26tdTomato/+ mouse. Expression tissues include: bladder, skin, cornea, stomach, salivary gland, thymus. A few cells expressed in kidney and spleen. Tissues that unexpressed include brain, spinal cord, heart, lung, liver, brown fat, pituitary, pancreas, small intestine, colon, ovary and uterus, skeletal muscle, adrenal gland. (53-day old, female) (For more detailed information please contact our technical advisor.)
