

Trp63-CreERT2

品系全名 C57BL/6Smoc-*Trp63*^{em(CreERT2-WPRE-polyA)Smoc}

目录号 NM-KI-225021

品系状态 精子冻存

基因信息

基因名 Trp63	基因曾用名	Ket, P63, P73l, Tp63, P51/P63, AI462811, Trp53rp1
	NCBI ID	22061
	MGI ID	1330810
	Ensembl ID	ENSMUSG00000022510
	基因标记细胞类型举例	口腔上皮细胞、气管上皮细胞
	人类同源基因	TRP63

品系描述

利用CRISPR基因编辑技术，将CreERT2-Wpre-polyA共表达结构插入到小鼠Trp63基因exon4中。

*使用本品系发表的文献需注明: Trp63-CreERT2 mice (Cat. NO. NM-KI-225021) were purchased from Shanghai Model Organisms Center, Inc..

验证数据

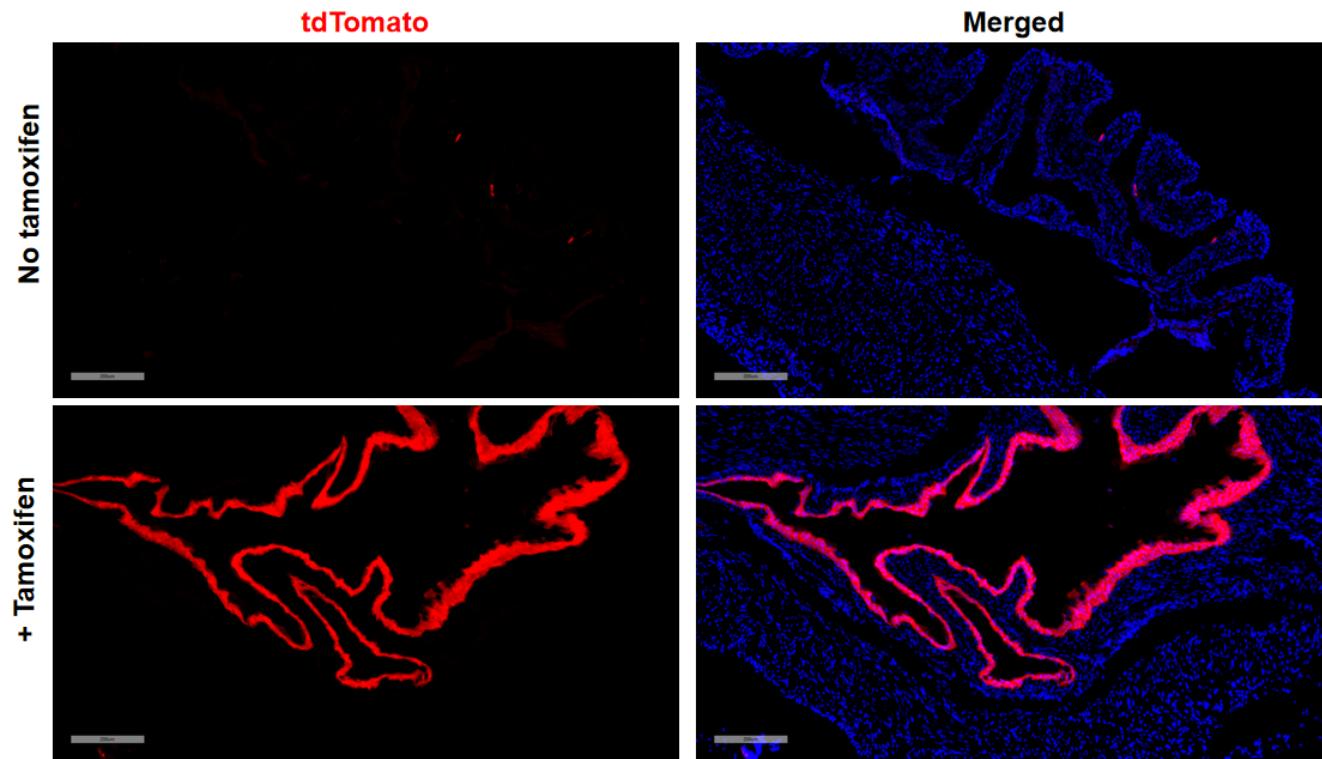


Fig1. Cre mediated recombination in bladder of $\text{Trp63}^{\text{CreERT2}/+};\text{Rosa26}^{\text{tdTomato}/+}$ mouse.

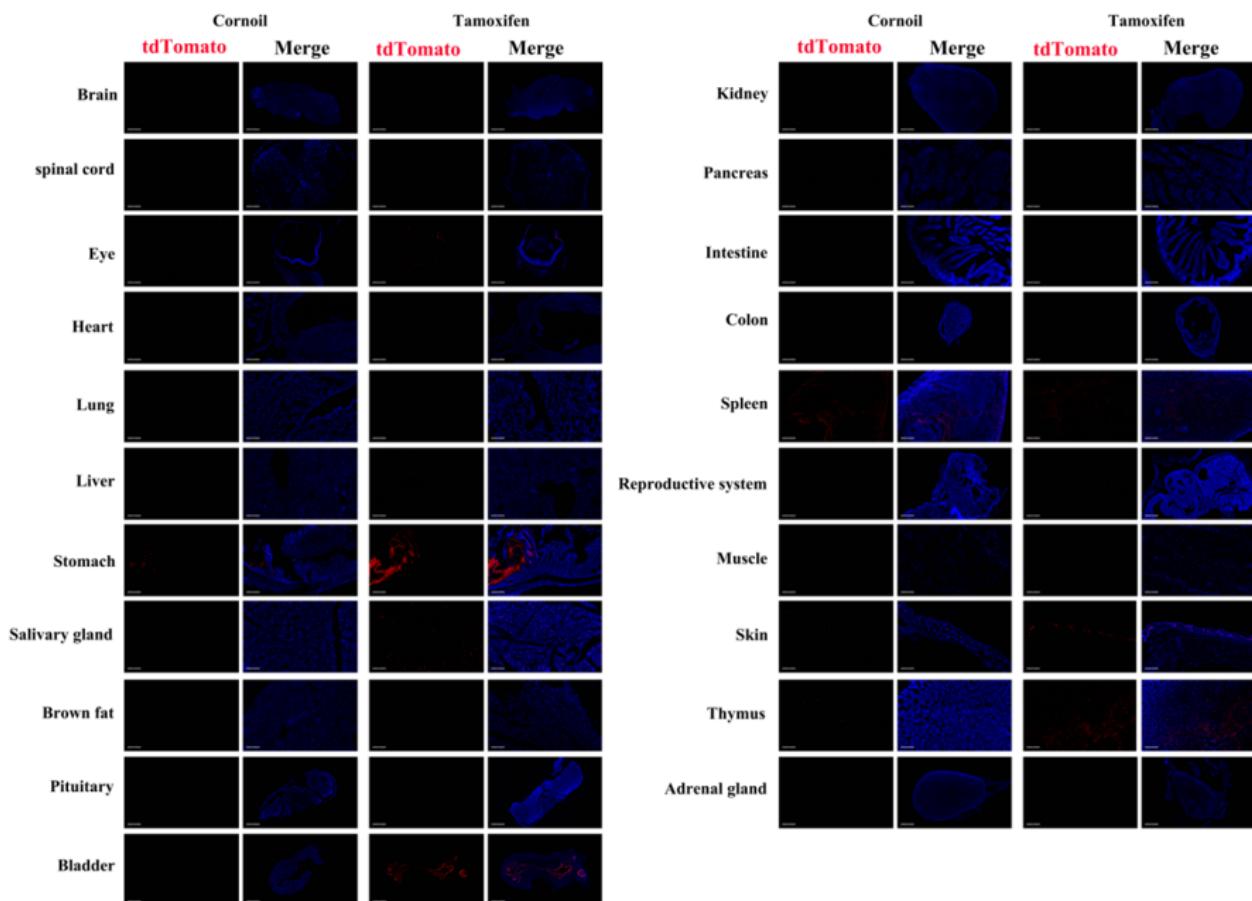


Fig2. Detection of tdTomato(red) in various tissues of Trp63^{CreERT2/+};Rosa26^{tdTomato/+} mouse.

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.)
