

Pbsn-2A-CreERT2

品系全名	C57BL/6Smoc- <i>Pbsn</i> ^{em1(V5-2A-CreERT2-WPRE-polyA)Smoc}
目录号	NM-KI-200190
品系状态	精子冻存

基因信息

基因名 Pbsn	基因曾用名	PB; Prbs
	NCBI ID	54192
	MGI ID	1860484
	Ensembl ID	ENSMUSG00000000003
	人类同源基因	PBSN

品系描述

将V5-2A-CreERT2-WPRE-polyA共表达结构插入到小鼠Pbsn基因终止密码子处。

应用领域：Cre工具鼠，前列腺上皮细胞

*使用本品系发表的文献需注明: Pbsn-2A-CreERT2 mice (Cat. NO. NM-KI-200190) were purchased from Shanghai Model Organisms Center, Inc..

验证数据

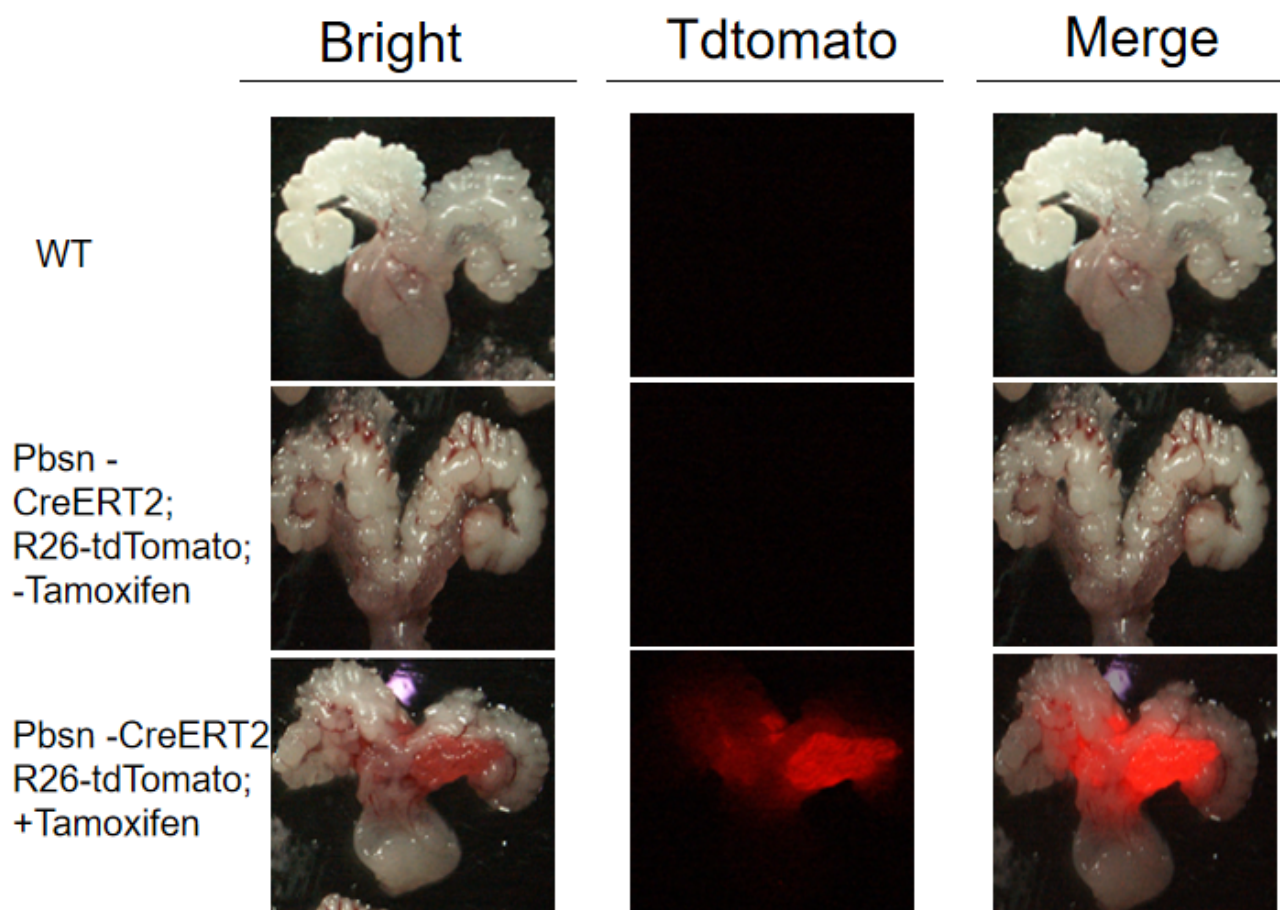


Fig1. Expression Pattern of Tomato in PbsnCreERT2/+;Rosa26tdTomato/+ mice.

CreERT2-mediated recombination in prostate epithelial cells of PbsnCreERT2/+ ; Rosa26tdTomato/+ mice. This strain represents an effective tool for generating prostate specific-targeted mutants.

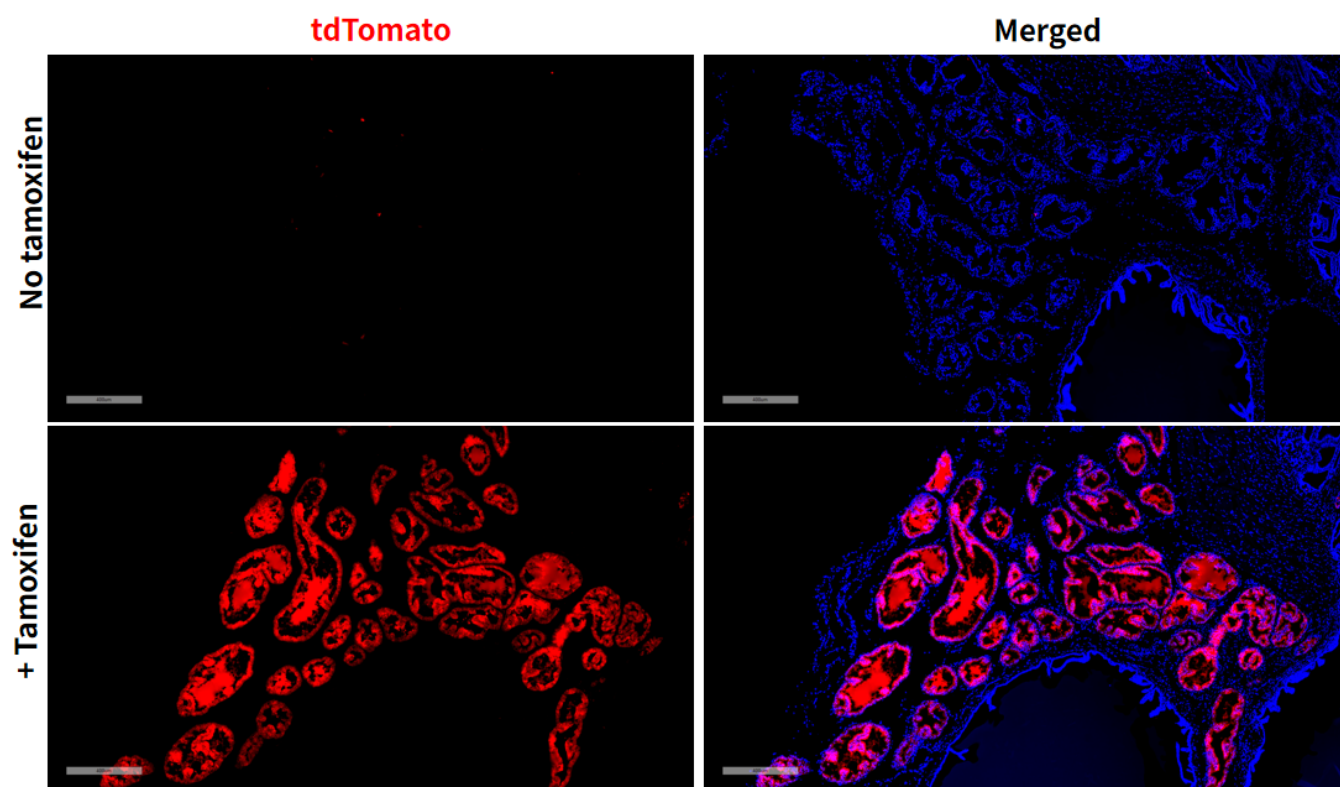


Fig2. Cre mediated recombination in prostate of PbsnCreERT2/+;Rosa26tdTomato/+ mouse.

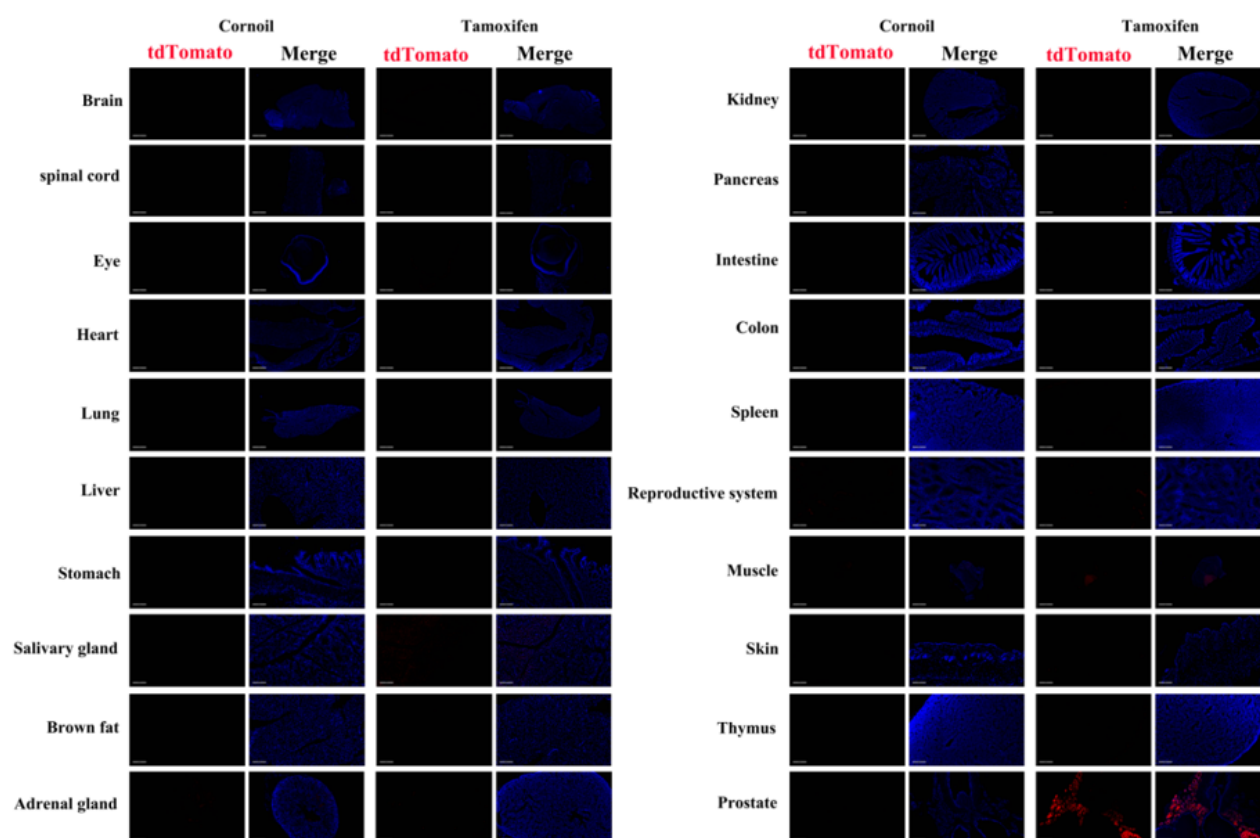


Fig3. Detection of tdTomato(red) in various tissues of PbsnCreERT2/+;Rosa26tdTomato/+ mouse. Expression tissues include: prostate, salivary gland. A few

cells expressed in adrenal gland, pancreas, testis, muscle and thymus. Tissues that unexpressed include brain, spinal cord, eyeball, heart, lung, liver, stomach, brown fat, kidney, colon, small intestine, spleen, and skin. (9-week old, male) (For more detailed information please contact our technical advisor.)
