

Th-IRES-CreERT2

品系全名	C57BL/6Smoc- <i>Th</i> ^{em1(IRES-creER)Smoc}
目录号	NM-KI-200082
品系状态	活体

基因信息

基因名 Th	基因曾用名	-
	NCBI ID	21823
	MGI ID	98735
	Ensembl ID	ENSMUSG00000000214
	人类同源基因	TH

品系描述

将IRES-creER插入到小鼠Th基因终止密码子处。

应用领域： Cre工具鼠，脑内多巴胺能神经元等区域

*使用本品系发表的文献需注明: Th-IRES-CreERT2 mice (Cat. NO. NM-KI-200082) were purchased from Shanghai Model Organisms Center, Inc..

验证数据

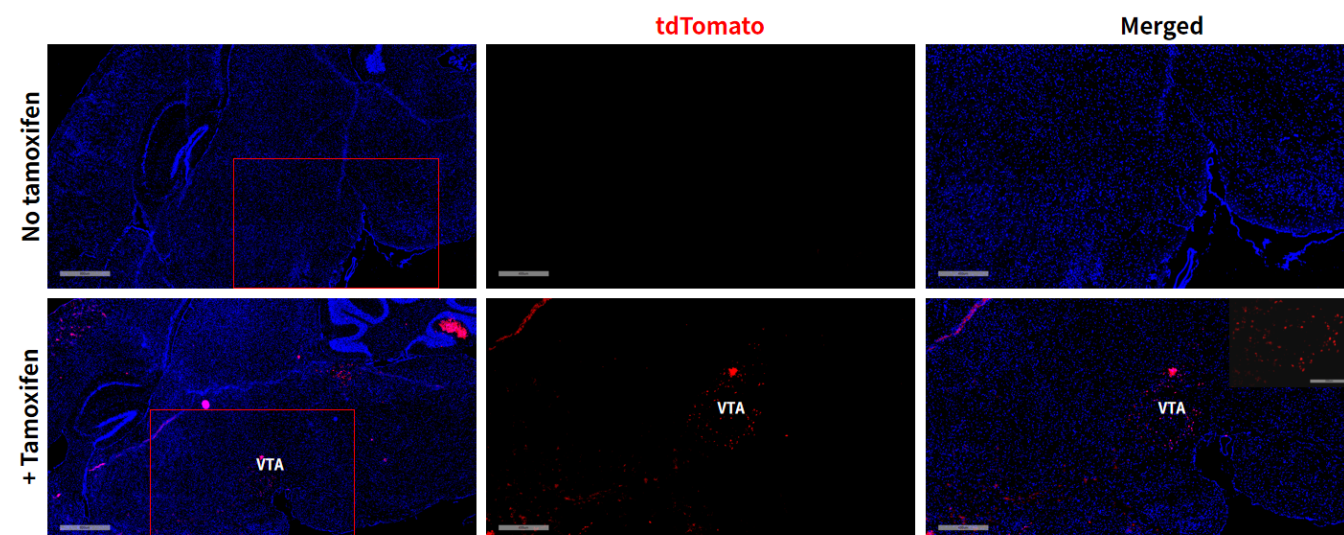


Fig1. Cre mediated recombination in brain of Th^{CreERT2/+};Rosa26^{tdTomato/+} mouse. (VTA: ventral tegmental area)

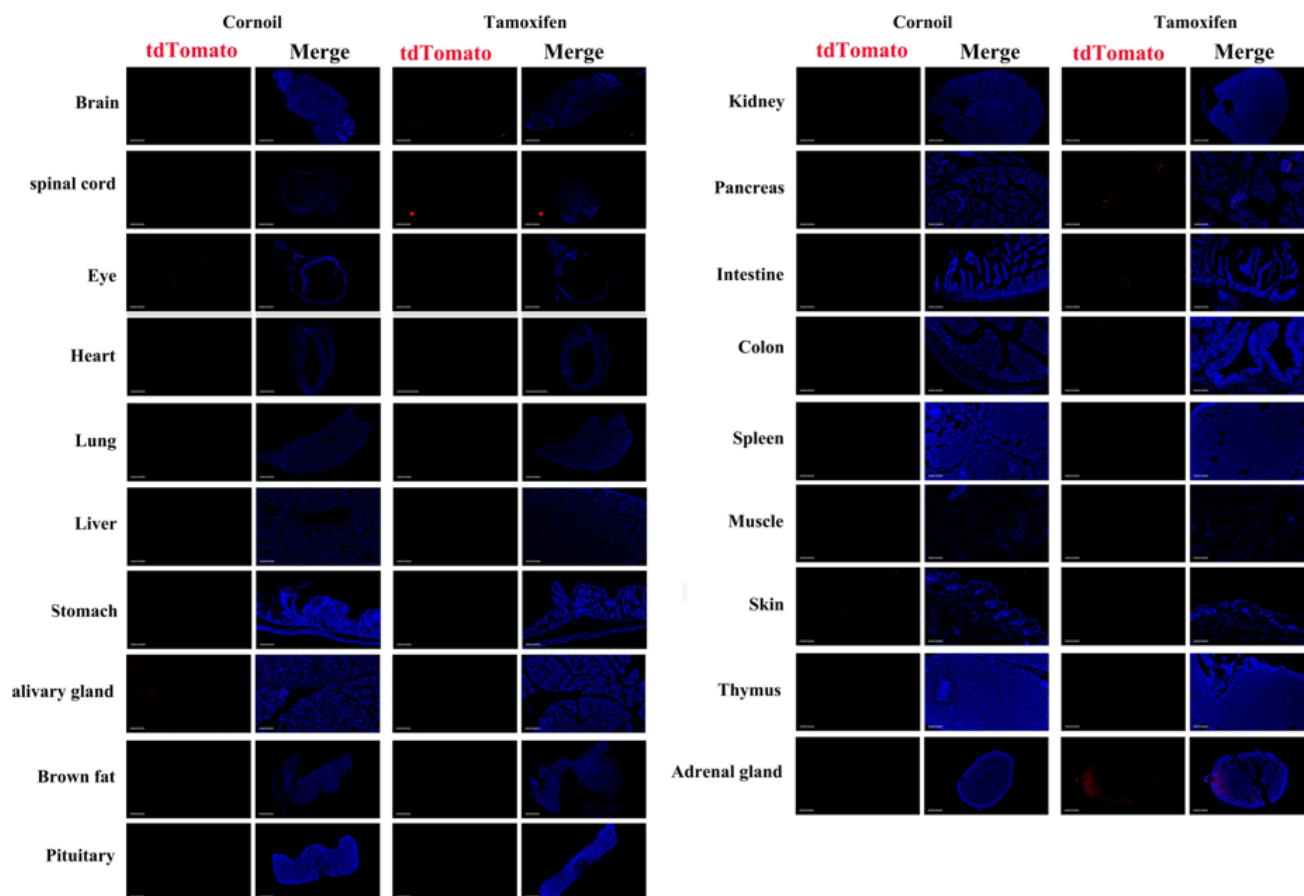


Fig2. Detection of tdTomato(red) in various tissues of Th^{CreERT2/+};Rosa26^{tdTomato/+} mouse. Expression tissues include: brain, islet. A few cells expressed in spinal cord, pituitary gland, small intestine, colon, skin, thymus and adrenal gland. Tissues that unexpressed include eye, heart, lung, liver, stomach, salivary glands, brown fat, kidney, spleen, muscle. Tamoxifen induction began at 49 days of age, with testing at 58 days. (For more detailed information please contact our technical advisor.)