

Vip-IRES-Cre

品系全名	C57BL/6Smoc- <i>Vip</i> ^{em1(IRES-iCre-SV40-pA)Smoc}
目录号	NM-KI-200100
品系状态	活体

基因信息

基因名 Vip	基因曾用名	-
	NCBI ID	22353
	MGI ID	98933
	Ensembl ID	ENSMUSG00000019772
	人类同源基因	VIP

品系描述

A IRES-iCre expression cassette was knocked into the *Vip* gene stop codon site. *Vip* encodes vasoactive intestinal polypeptide. When crossed with a strain carrying a gene flanked by sites, the flanked gene will be removed in cells expressing. This strain is useful for studying bronchiectasis, immunomodulatory and anti-inflammatory.

应用领域: Cre recombinase tool

*使用本品系发表的文献需注明: *Vip*-IRES-Cre mice (Cat. NO. NM-KI-200100) were purchased from Shanghai Model Organisms Center, Inc..

验证数据

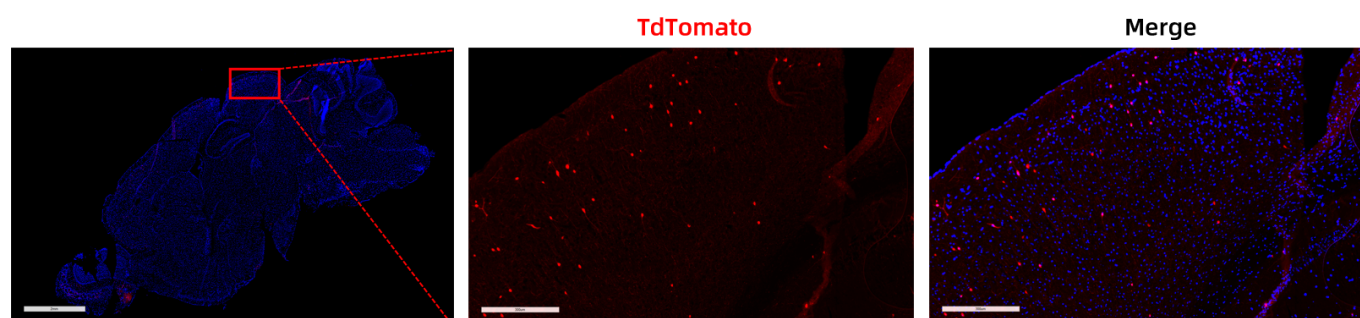


Fig. 1 Cre-mediated recombination in the brain of *Vip*^{Cre/+}; *Rosa26*^{tdTomato/+} mouse. TdTomato(red) expression can be detected in the cortex of *Vip*^{Cre/+}; *Rosa26*^{tdTomato/+} mouse.

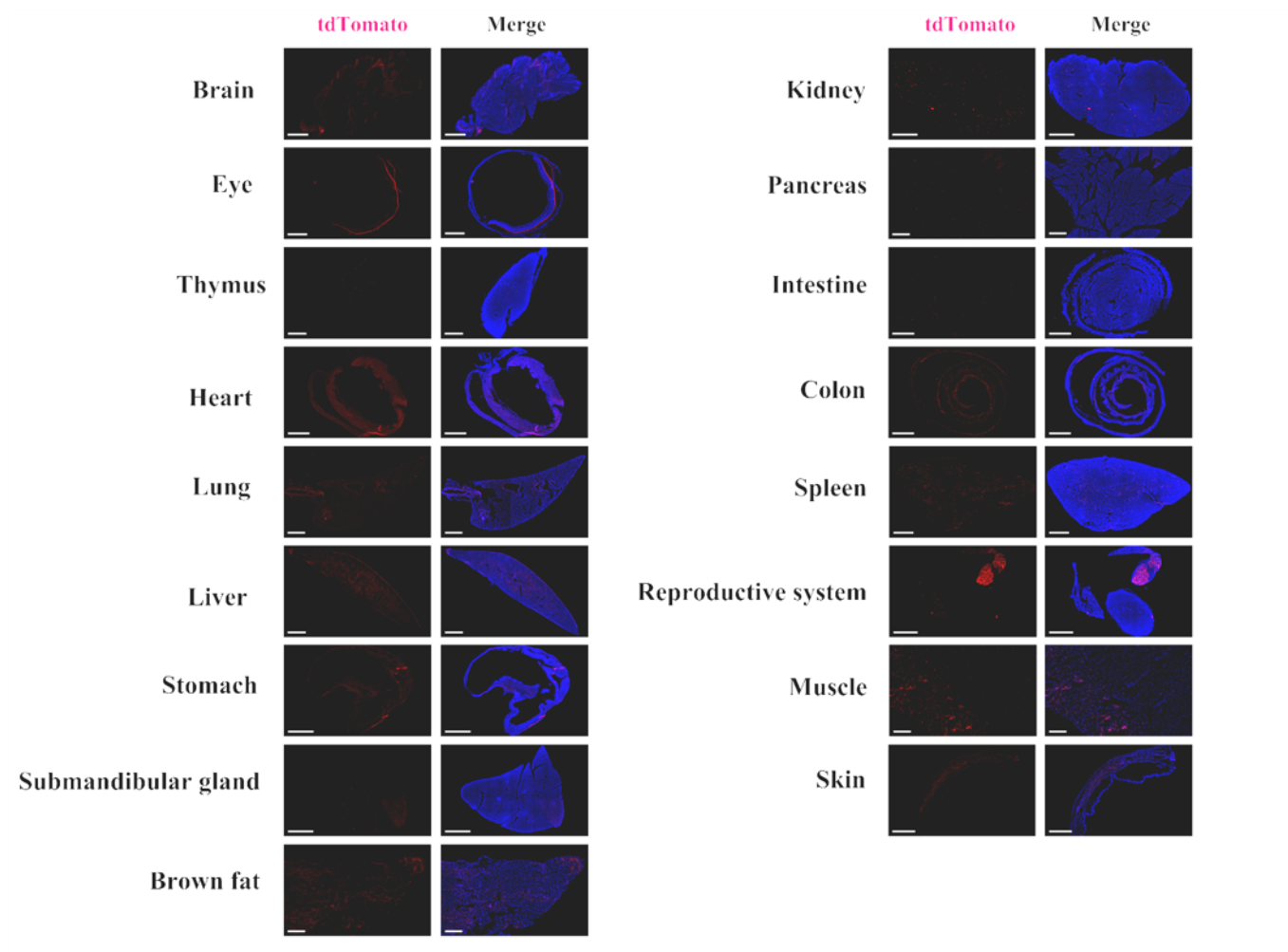


Fig. 2 Detection of tdTomato(red) in various tissues of $Vip^{Cre/+}; Rosa26^{tdTomato/+}$ mice. Tdtomato expression can be detected in the cortex, olfactory bulb, colon, epididymis, kidney, muscle, spleen, stomach, thymus, brown fat, intestine, heart, retina, liver, lung, pancreas, testis, salivary gland and skin. (For more detailed information please contact our technical advisor.)