

IL22-Cre

系統名	C57BL/6Smoc- <i>IL22</i> ^{em1(Linker-iCre-PolyA(SV40)Smoc}
SMOC番号	NM-KI-200167
維持形態	Repository Live

遺伝子の概要

Gene Symbol IL22	Synonyms	IL-22; Iltif; IL-22a; ILTIFa
	NCBI ID	50929
	MGI ID	1355307
	Ensembl ID	ENSMUSG00000074695
	Human Ortholog	IL22

説明

A Linker-iCre-PolyA expression cassette was knocked into the IL22 gene start codon site.

応用分野: The cytokine interleukin-22 (IL-22) plays an important role in tissue regeneration and maintenance of skin and mucosal barriers.

*Literature published using this strain should indicate: IL22-Cre mice (Cat. NO. NM-KI-200167) were purchased from Shanghai Model Organisms Center, Inc..

表現型データ

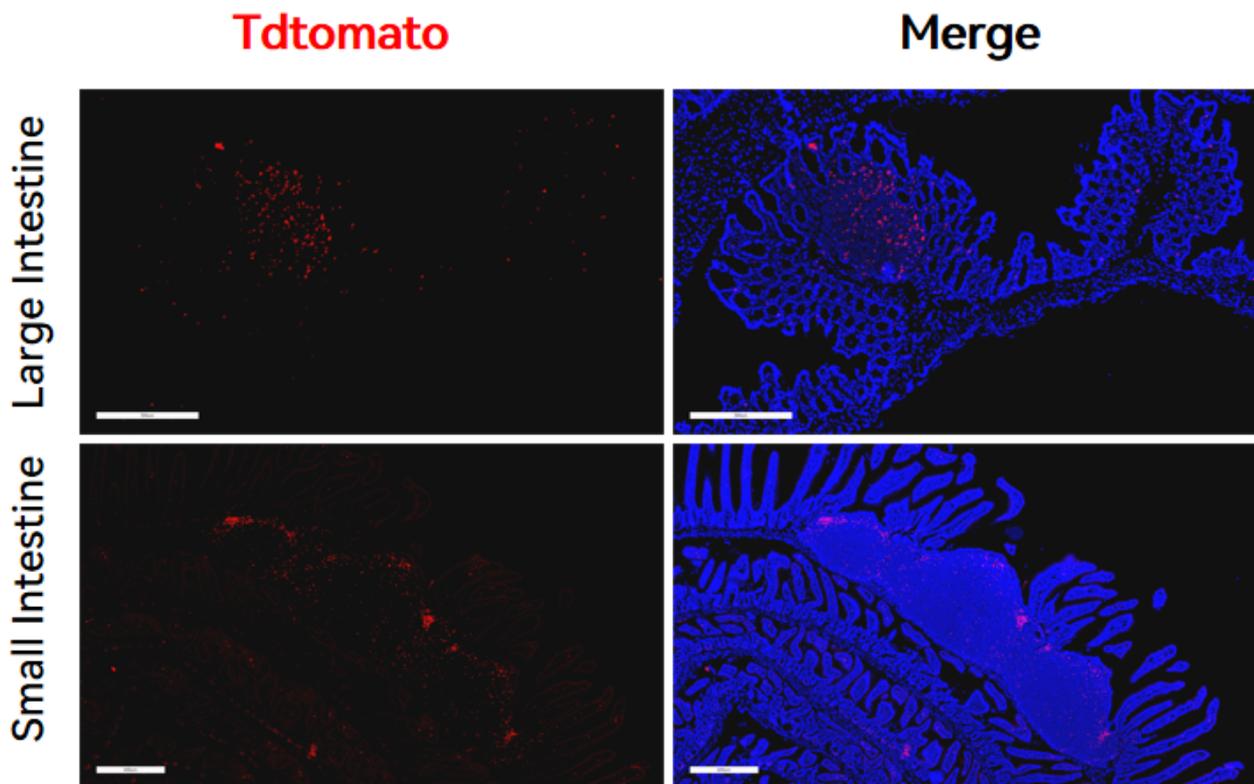


Fig. 1 CreERT2-mediated recombination in the intestine of $IL22^{Cre/+}; Rosa26^{tdTomato/+}$ mouse. TdTomato(red) expression can be detected in the lymph nodes of $IL22^{Cre/+}; Rosa26^{tdTomato/+}$ mouse.

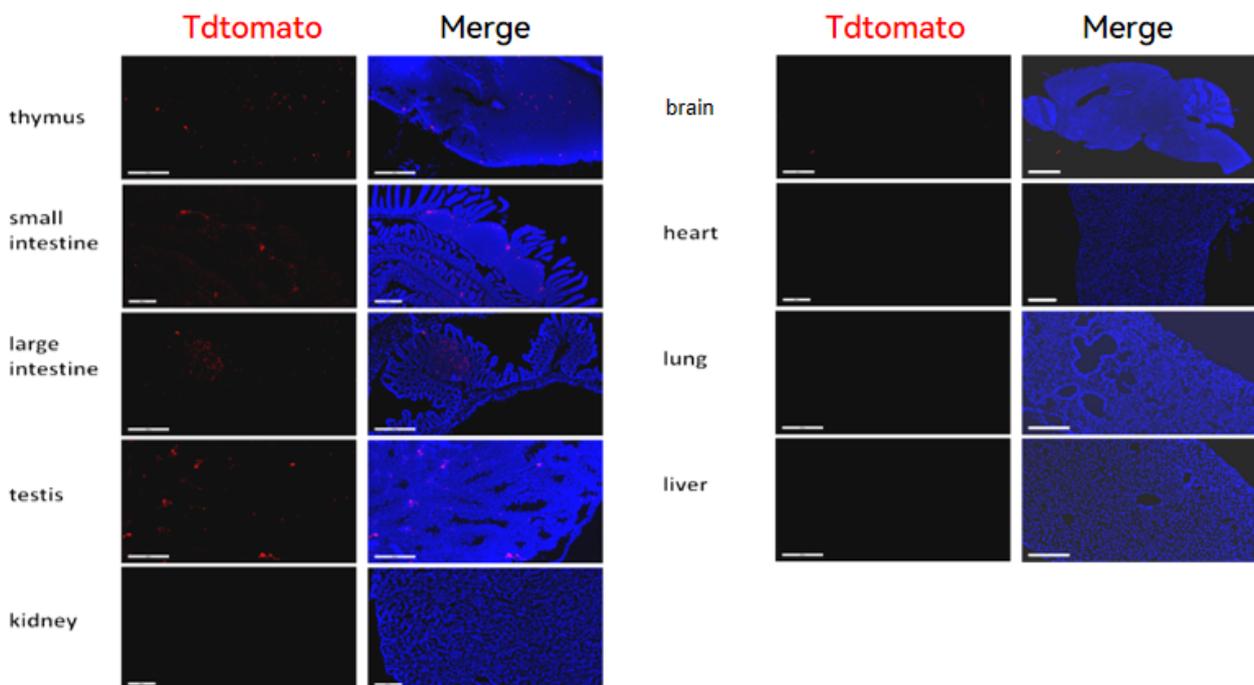


Fig. 2 Detection of tdTomato(red) in various tissues of $IL22^{Cre/+}; Rosa26^{tdTomato/+}$ mice. Tdtomato was expressed in the lymph nodes of thymus, intestine and individual cells of testicular interstitium and cerebral cortex. TdTomato can not be detected in the kidney, heart, lung and liver. (For more detailed information please contact our technical advisor.)

