

Atp4b-2A-CreERT2

Nomenclature	C57BL/6Smoc- <i>Atp4b</i> ^{em1(2A-CreERT2-WPRE-pA)Smoc}
Cat. NO.	NM-KI-200240
Strain State	Repository Live

Gene Summary

Gene Symbol Atp4b	Synonyms	AV080843
	NCBI ID	11945
	MGI ID	88114
	Ensembl ID	ENSMUSG00000031449
	Human Ortholog	ATP4B

Model Description

A 2A-CreERT2-WPRE-pA expression cassette was knocked into the Atp4b gene stop codon site.

Research Application: Cre tool mice

*Literature published using this strain should indicate: Atp4b-2A-CreERT2 mice (Cat. NO. NM-KI-200240) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

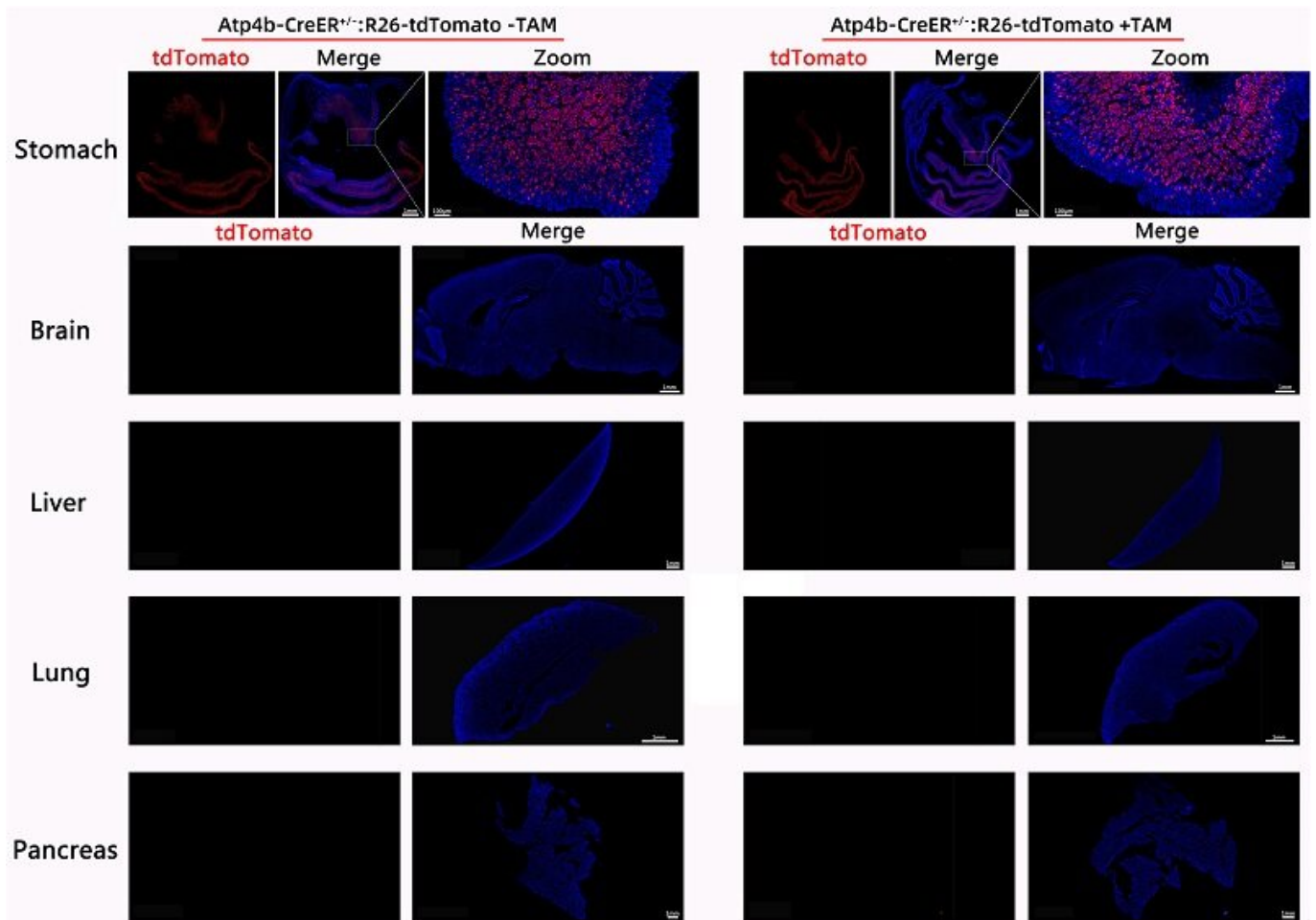


Fig1. Validation of tdTomato expression by fluorescence assay

Cre recombinase expression is highly specific to stomach and, within the stomach, is expressed only in parietal cells and their immediate progenitors. Cre recombinase is not expressed in adult brain, kidney, liver, lung and Pancreas.