

Sox2-CreERT2

Nomenclature C57BL/6Smoc-*Sox2*^{em1(CreERT2-polyA)Smoc}

Cat. NO. NM-KI-200084

Strain State Repository Live

Gene Summary

Gene Symbol Sox2	Synonyms	lcc; ysb; Sox-2
	NCBI ID	<u>20674</u>
	MGI ID	<u>98364</u>
	Ensembl ID	ENSMUSG00000074637
	Human Ortholog	SOX2

Model Description

The coding region of Sox2 gene was replaced by a CreERT2-polyA expression cassette.

Research Application: Cre recombinase tool, blastocysts, neural progenitor cells and in many adult epithelial tissues

*Literature published using this strain should indicate: Sox2-CreERT2 mice (Cat. NO. NM-KI-200084) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data



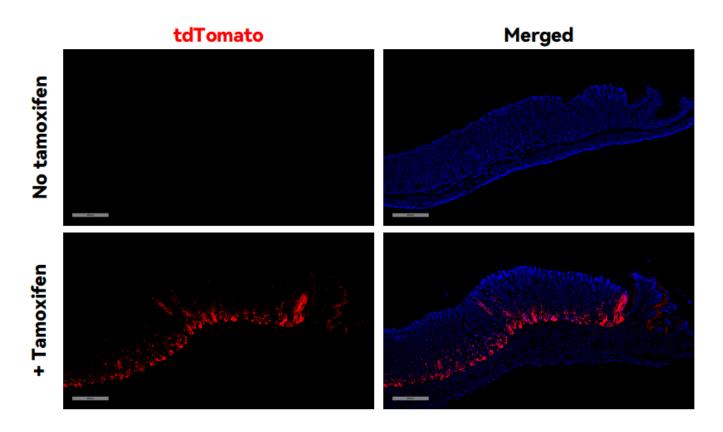


Fig1. CreERT2-mediated recombination in Stomach of Sox2CreERT2/+;Rosa26 tdTomato/+ mouse.

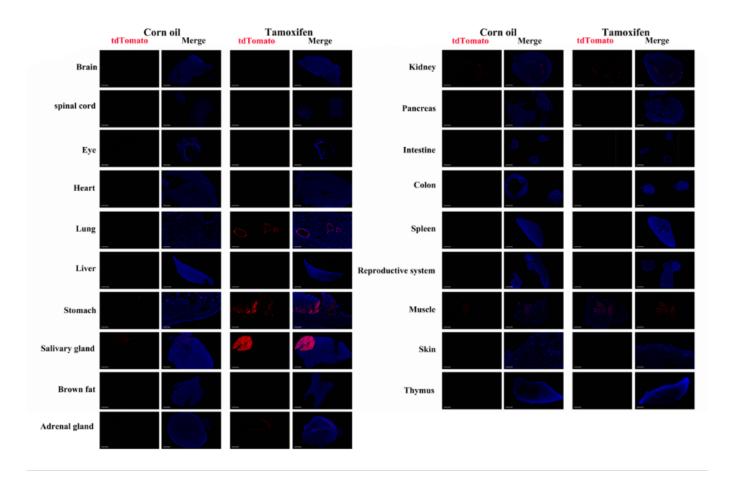


Fig2. Detection of tdTomato(red) in various tissues of Sox2CreERT2/+;Rosa26 tdTomato/+ mice. (For

more detailed information please contact our technical advisor.)