

Axin2-2A-DreERT2

Nomenclature	C57BL/6Smoc- <i>Axin2</i> ^{em1(P2A-DreERT2)Smoc}
Cat. NO.	NM-KI-200196
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol Axin2	Synonyms	Axi1; Axil; Conductin
	NCBI ID	12006
	MGI ID	1270862
	Ensembl ID	ENSMUSG00000000142
	Human Ortholog	AXIN2

Model Description

A P2A-DreERT2 expression cassette was knocked into the Axin2 gene stop codon site.

Research Application: Dre tool mice

*Literature published using this strain should indicate: Axin2-2A-DreERT2 mice (Cat. NO. NM-KI-200196) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

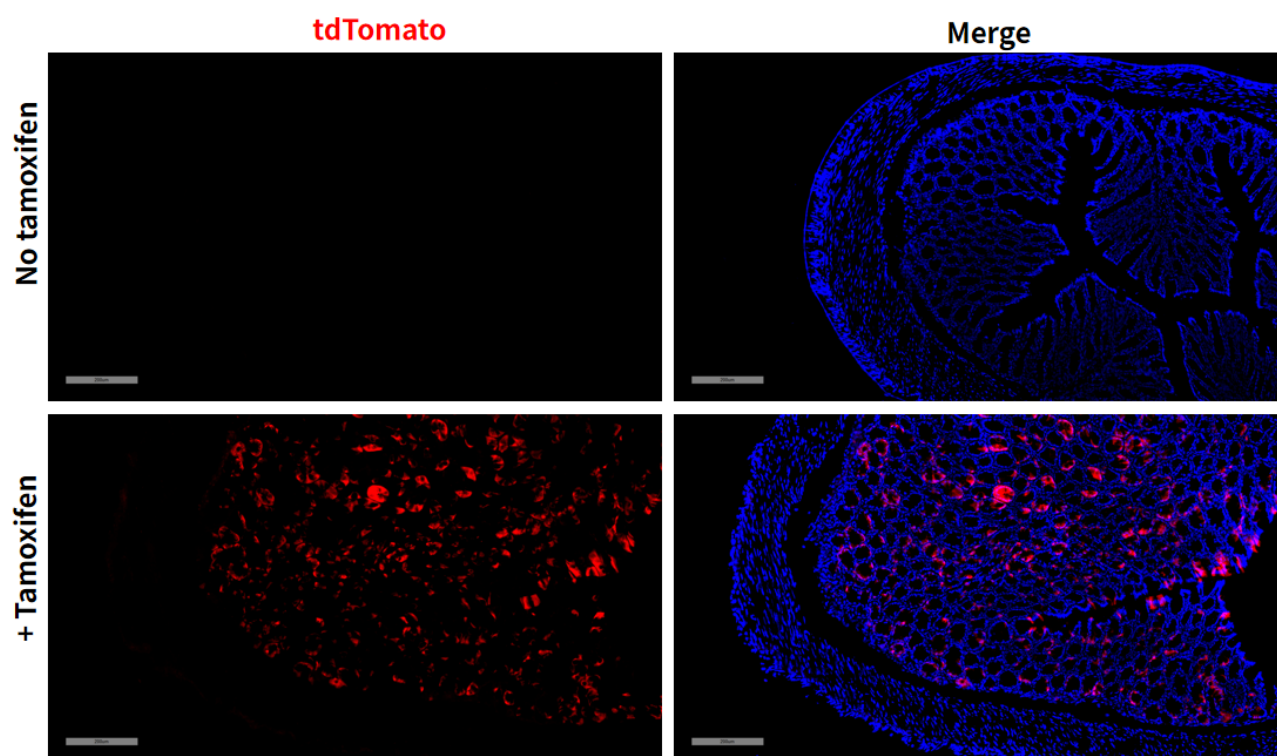


Fig 1. Dre-mediated recombination in large intestine of $Axin2^{DreERT2/+}$; $Rosa26^{tdTomato/+}$ mice.

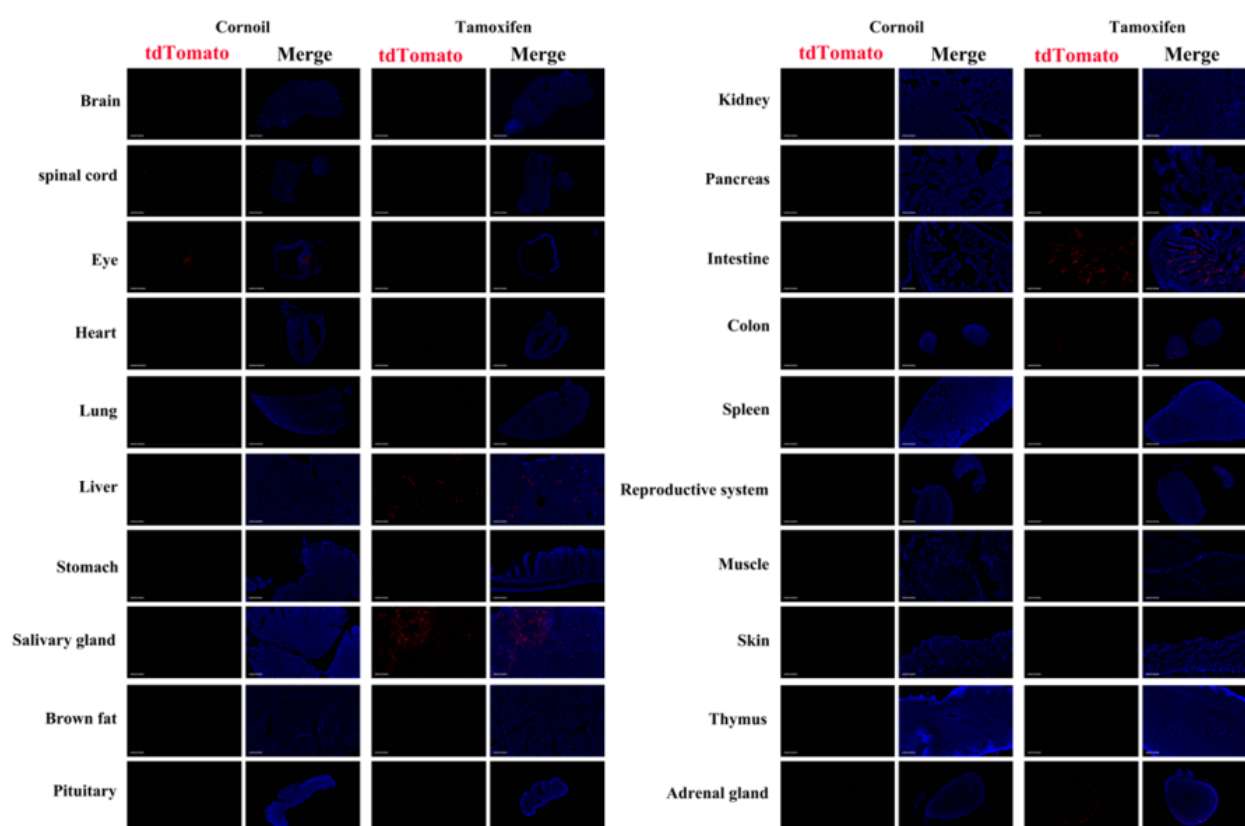


Fig 2. Detection of tdTomato (red) in various tissues of $Axin2^{DreERT2/+}$; $Rosa26^{tdTomato/+}$. Expression tissues include: small intestine, colon, salivary gland, pituitary gland, lung, liver, epididymis, skin, adrenal gland. A few cells expressed in brain, stomach, kidney, thymus. (5-week old, male)

(For more detailed information please contact our technical advisor.)
