

Fos-CreERT2

Nomenclature	C57BL/6Smoc- <i>Fos</i> ^{em1(CreERT2-SV40-pA)Smoc}
Cat. NO.	NM-KI-200110
Strain State	Repository Live

Gene Summary

Gene Symbol Fos	Synonyms	cFos; c-fos; D12Rfj1
	NCBI ID	14281
	MGI ID	95574
	Ensembl ID	ENSMUSG00000021250
	Human Ortholog	FOS

Model Description

A CreERT2 expression cassette was knocked into the Fos gene start codon site.

Research Application: Cre recombinase tool

*Literature published using this strain should indicate: Fos-CreERT2 mice (Cat. NO. NM-KI-200110) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

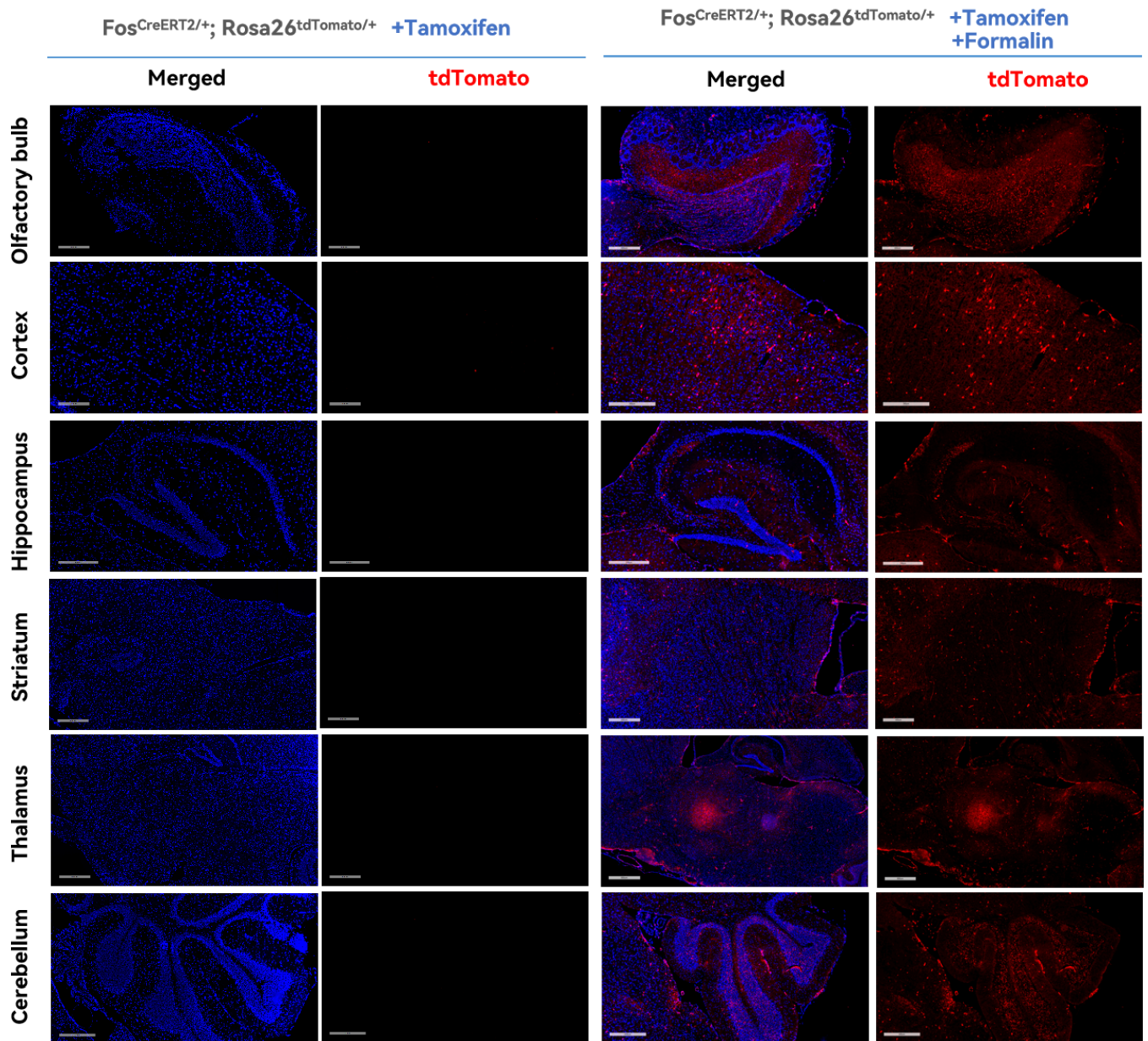


Fig. 1 Detection of tdTomato (red) in different regions of brain derived from Fos^{CreERT2/+}; Rosa26^{tdTomato/+} mouse.

CreERT2-mediated recombination in the brain can be induced by tamoxifen after formalin injection into the mouse hind paw.