

Rbfox3-2A-DreERT2

Nomenclature	C57BL/6Smoc- <i>Rbfox3</i> ^{em1(2A-DreERT2-WPRE-pA)Smoc}
Cat. NO.	NM-KI-190103
Strain State	Repository Live

Gene Summary

Gene Symbol Rbfox3	Synonyms	NeuN; Fox-3; Hrnbp3; Neuna60
	NCBI ID	52897
	MGI ID	106368
	Ensembl ID	ENSMUSG00000025576
	Human Ortholog	RBFOX3

Model Description

A 2A-DreERT2-WPRE-pA expression cassette was knocked into the Rbfox3 gene stop codon site.

Research Application: Dre recombinase tool

*Literature published using this strain should indicate: Rbfox3-2A-DreERT2 mice (Cat. NO. NM-KI-190103) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

Rbfox3-DreER;tdT

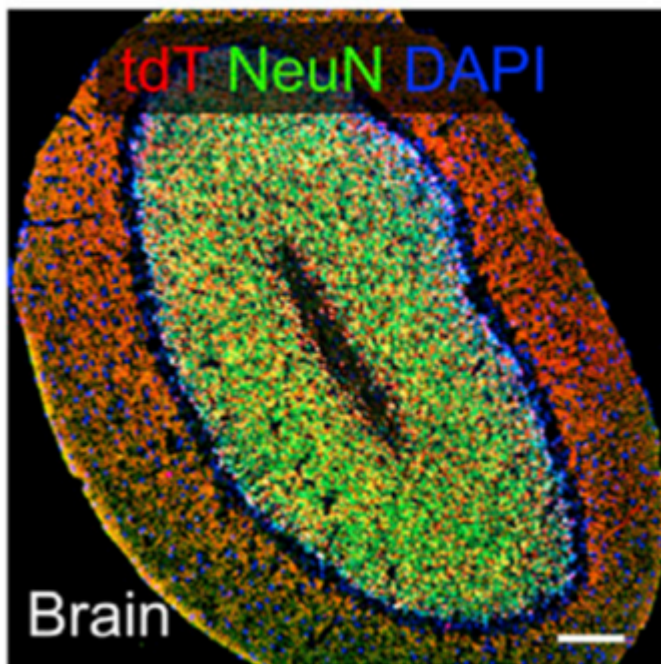


Fig.1 DreERT2-mediated recombination in the brain of $Rbfox3^{DreERT2/+}$; $R26^{tdTomato/+}$ mouse. TdTomato (red) expression can be detected in the brain after tamoxifen treatment. NeuN(green) is a well-recognized "marker" that is detected in mature neurons. (Documented in the following reference.)

Publications

[A Suite of New Dre-recombinase Drivers Markedly Expands the Ability to Perform Intersectional Genetic Targeting](#)

References: CELL STEM CELL