

# Rbfox3-2A-DreERT2

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

## Gene Summary

<b>Gene Symbol</b> Rbfox3	<b>Synonyms</b>	NeuN; Fox-3; Hrnbp3; Neuna60
	<b>NCBI ID</b>	<a href="#">52897</a>
	<b>MGI ID</b>	<a href="#">106368</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000025576</a>
	<b>Human Ortholog</b>	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*

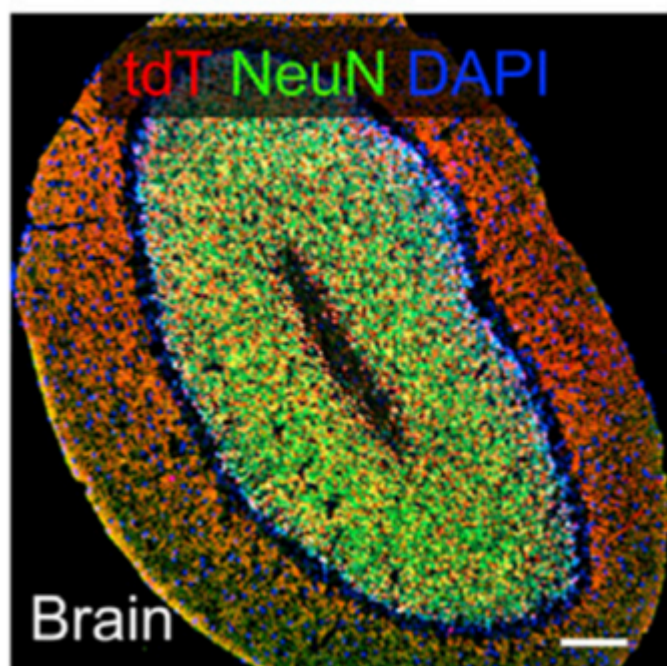


Fig.1 DreERT2-mediated recombination in the brain of  $Rbfox3^{DreERT2/+}$ ;  $R26^{tdTomato/+}$  mouse. TdTomato (red) expression can be detected in the brain after tamoxifen treatment. NeuN(green) is a well-recognized "marker" that is detected in mature neurons. (Documented in the following reference.)

## Publications

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

References: CELL STEM CELL