Rbfox3-2A-DreERT2

Nomenclature	C57BL/6Smoc-*Rbfox3*$^{em1(2A\text{-}DreERT2\text{-}WPRE\text{-}pA)Smoc}$
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

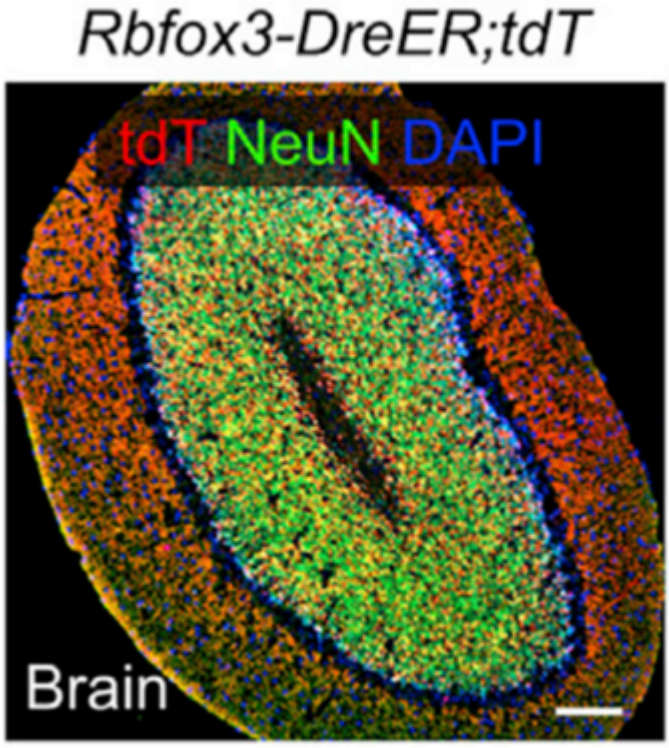

Fig.1 DreERT2-mediated recombination in the brain of Rbfox3$^{DreERT2/+}$; R26$^{tdTomato/+}$ mouse. TdTomato (red) expression can be detected in the brain after tamoxifen treatment. NeuN(green) is a well-recognized "marker" that is detected in mature neurons. (Documented in the following reference.)

Publications

A Suite of New Dre-recombinase Drivers Markedly Expands the Ability to Perform Intersectional Genetic Targeting

References: CELL STEM CELL