

Map2-2A-CreERT2

Nomenclature	C57BL/6Smoc- <i>Map2</i> ^{em1(2A-CreERT2)Smoc}
Cat. NO.	NM-KI-00037
Strain State	Repository Live

Gene Summary

Gene Symbol Map2	Synonyms	MAP-2; Mtap2; Mtap-2; repro4; G1-397-34
	NCBI ID	17756
	MGI ID	97175
	Ensembl ID	ENSMUSG00000015222
	Human Ortholog	MAP2

Model Description

Map2 is a marker of mature neurons. A 2A-CreERT2 cassette was inserted before the translational termination site of the Map2 locus.

Research Application: Cre recombinase tool of mature neurons, nervous system

*Literature published using this strain should indicate: Map2-2A-CreERT2 mice (Cat. NO. NM-KI-00037) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

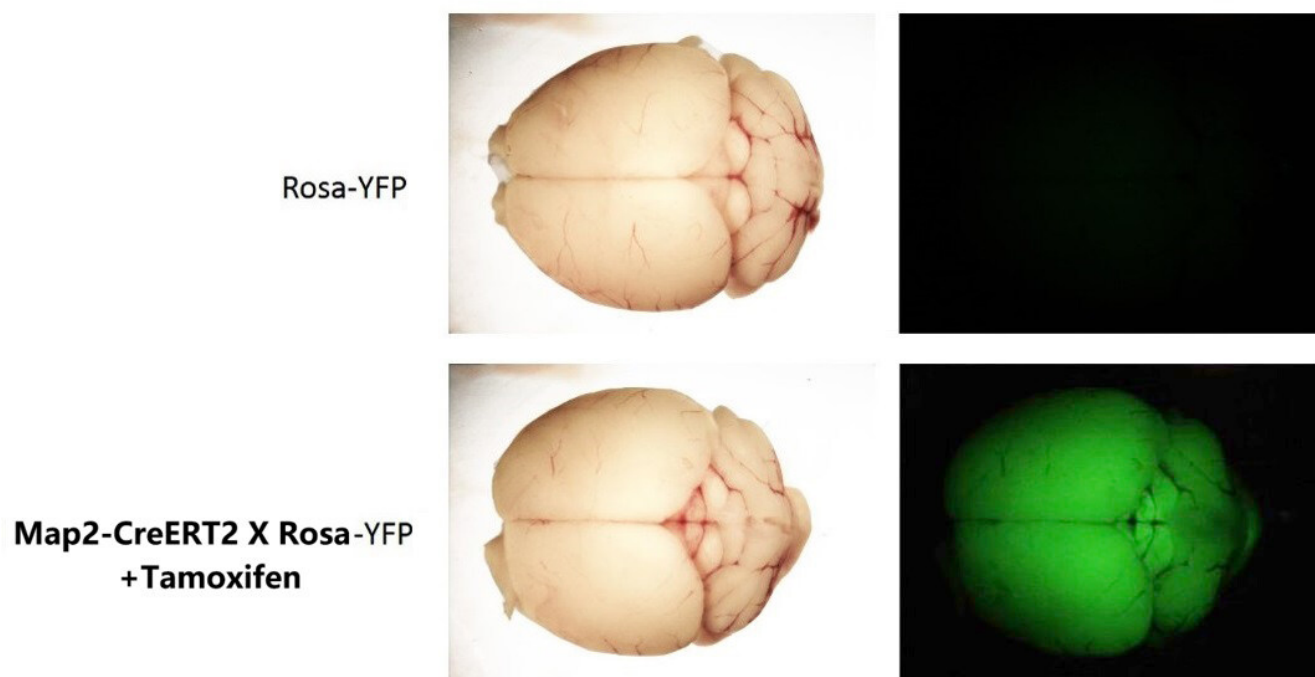


Fig1 CreERT2-mediated recombination in brain of Map2 CreERT2^{+/-};R26 YFP^{+/-} mice.

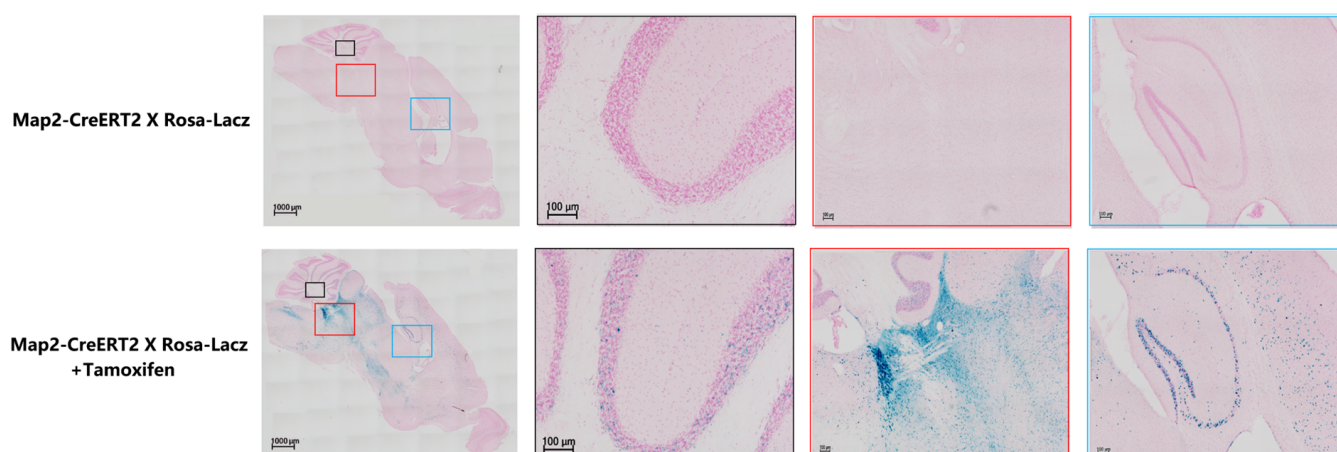


Fig2 CreERT2-mediated recombination in brain of Map2 CreERT2^{+/-};R26 Lacz^{+/-} mice.

Publications

[Adiponectin/AdiopR1 signaling prevents mitochondrial dysfunction and oxidative injury after traumatic brain injury in a SIRT3 dependent manner](#)

References: ELSEVIER