

# Nts-IRES-Cre

系統名	C57BL/6Smoc- <i>Nts</i> <sup>em1(IRES-iCre)Smoc</sup>
SMOC番号	NM-KI-200093
維持形態	Repository Live

## 遺伝子の概要

Gene Symbol Nts	Synonyms	NN; NT; NT/N; NTS1; NMN-125; 5033428E16Rik
	NCBI ID	<a href="#">67405</a>
	MGI ID	<a href="#">1328351</a>
	Ensembl ID	<a href="#">ENSMUSG00000019890</a>
	Human Ortholog	NTS

## 説明

A IRES-iCre expression cassette was knocked into the *Nts* gene stop codon site.

**応用分野:** Neuropeptin (*Nts*) is a neuropeptide involved in regulating biological processes, including cardiovascular tone, pain processing, uptake behavior, motor drive, sleep, addiction, and social behavior.

\*Literature published using this strain should indicate: *Nts*-IRES-Cre mice (Cat. NO. NM-KI-200093) were purchased from Shanghai Model Organisms Center, Inc..

## 表現型データ

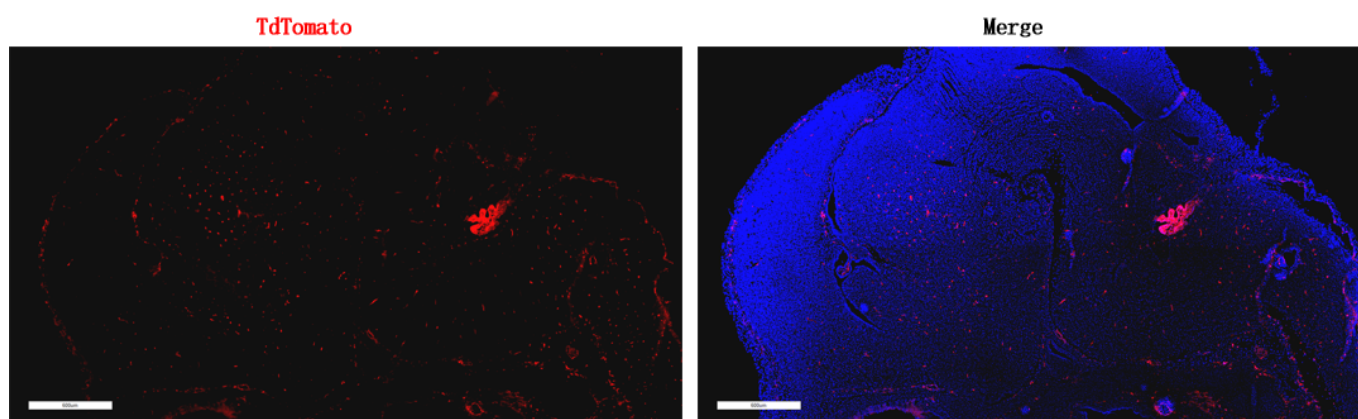


Fig. 1 Cre-mediated recombination in the E14.5 brain of  $Nts^{Cre/+}$ ;  $Rosa26^{tdTomato/+}$  mouse. TdTomato(red) expression can be detected in the choroid plexus cells of E14.5  $Nts^{Cre/+}$ ;  $Rosa26^{tdTomato/+}$  embryo.

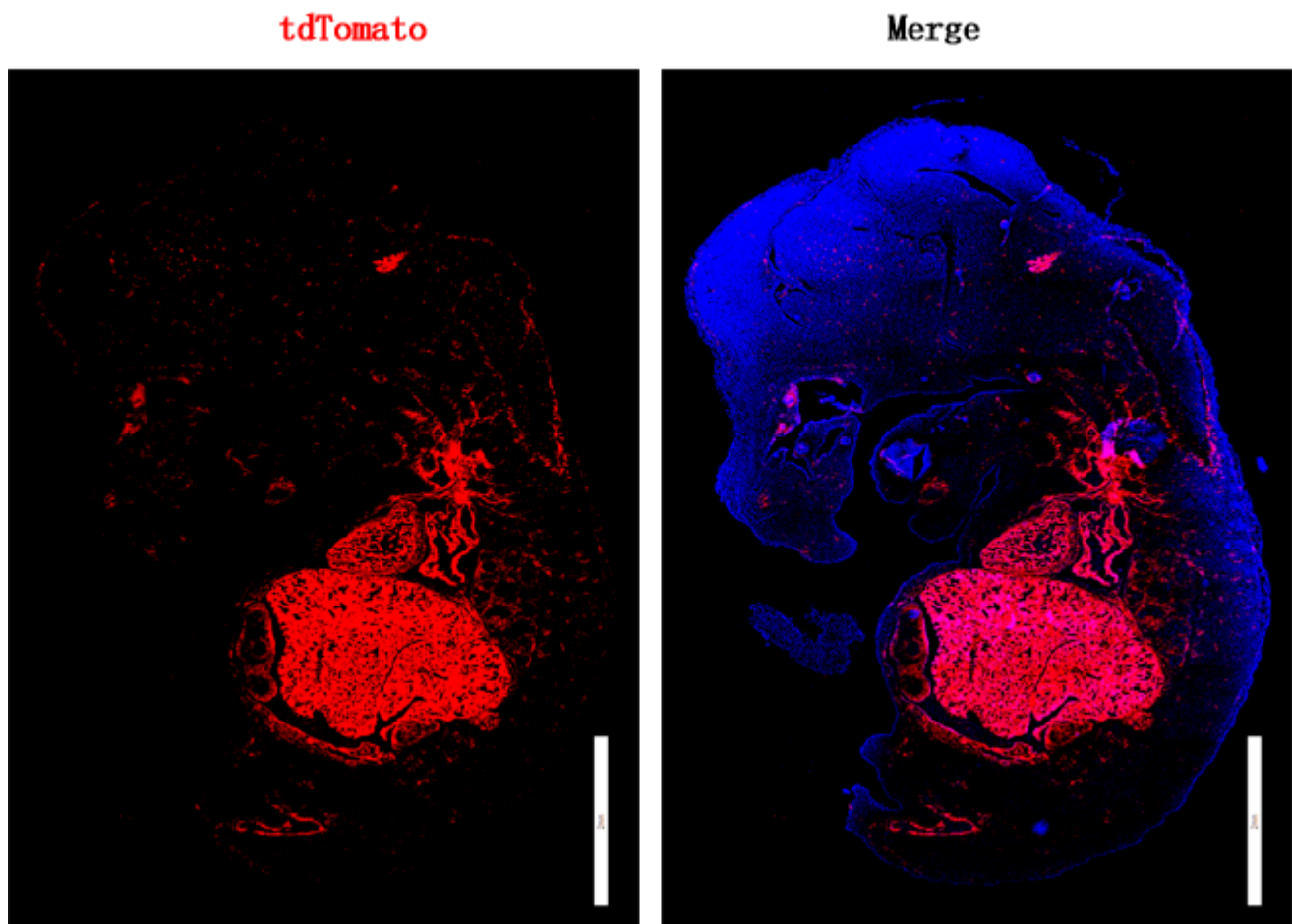


Fig. 2 Detection of tdTomato(red) in various tissues of E14.5  $Nts^{Cre/+}$ ;  $Rosa26^{tdTomato/+}$  mouse embryos. Tdtomato was expressed in the brain, heart, lung and liver. (For more detailed information please contact our technical advisor.)