

# Tardbp-Flox

系統名	C57BL/6Smoc- <i>Tardbp</i> <sup>em1(flox)Smoc</sup>
SMOC番号	NM-CKO-2102528
維持形態	Sperm cryopreservation

## 遺伝子の概要

Gene Symbol Tardbp	Synonyms	Tdp43; C85084; TDP-43; 1190002A23Rik
	NCBI ID	<a href="#">230908</a>
	MGI ID	<a href="#">2387629</a>
	Ensembl ID	<a href="#">ENSMUSG00000041459</a>
	Human Ortholog	TARDBP

## 説明

These mice carry loxP sites flanking exon 3 of *Tardbp* gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of *Tardbp* gene.

\*Literature published using this strain should indicate: *Tardbp*-Flox mice (Cat. NO. NM-CKO-2102528) were purchased from Shanghai Model Organisms Center, Inc..

## 病気の予測

Amyotrophic Lateral Sclerosis Type 10	表現型	<a href="#">MGI:5513111</a> Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with <i>Mnx1</i> -Cre mice.
	参考文献	Wu LS, Cheng WC, Shen CK, Targeted depletion of TDP-43 expression in the spinal cord motor neurons leads to the development of amyotrophic lateral sclerosis-like phenotypes in mice. <i>J Biol Chem.</i> 2012 Aug 10;287(33):27335-44

## 表現型データ

No data

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