

Tardbp-Flox

Nomenclature	C57BL/6Smoc- <i>Tardbp</i> ^{em1(flox)Smoc}
Cat. NO.	NM-CKO-2102528
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol Tardbp	Synonyms	Tdp43; C85084; TDP-43; 1190002A23Rik
	NCBI ID	230908
	MGI ID	2387629
	Ensembl ID	ENSMUSG00000041459
	Human Ortholog	TARDBP

Model Description

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..

Disease Connection

Amyotrophic Lateral Sclerosis Type 10	Phenotype(s)	MGI:5513111 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Mnx1-Cre mice.
	Reference(s)	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. J Biol Chem. 2012 Aug 10;287(33):27335-44

Validation Data

No data
