

Plp1-Flox

系統名	C57BL/6Smoc- <i>Plp1</i> ^{em1(flox)Smoc}
SMOC番号	NM-CKO-200072
維持形態	Embryo cryopreservation

遺伝子の概要

Gene Symbol Plp1	Synonyms	jp, Plp, msd, rsh, DM20, jimpy
	NCBI ID	18823
	MGI ID	97623
	Ensembl ID	ENSMUSG00000031425
	Human Ortholog	PLP1

説明

These mice carry loxP sites flanking exon 3 of Plp1 gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of Plp1 gene.

応用分野: The study of glial cell differentiation and the susceptibility pathway of sudden infant death syndrome (SIDS)

*Literature published using this strain should indicate: Plp1-Flox mice (Cat. NO. NM-CKO-200072) were purchased from Shanghai Model Organisms Center, Inc..

病気の予測

Hereditary Spastic Paraplegia 2	表現型	MGI:6160757 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Cnp-Cre mice.
	参考文献	Luders KA, Patzig J, Simons M, Nave KA, Werner HB, Genetic dissection of oligodendroglial and neuronal Plp1 function in a novel mouse model of spastic paraplegia type 2. <i>Glia</i> . 2017 Nov;65(11):1762-1776

表現型データ

No data
