

Psen2-Flox

系統名	C57BL/6Smoc- <i>Psen2</i> ^{em1(flox)Smoc}
SMOC番号	TBD
維持形態	Developing

遺伝子の概要

Gene Symbol Psen2	Synonyms	PS2, Ad4h, Alg3, PS-2, STM2, ALG-3, Psnl2
	NCBI ID	19165
	MGI ID	109284
	Ensembl ID	ENSMUSG00000010609
	Human Ortholog	PSEN2

説明

These mice carry loxP sites flanking target exons of Psen2 gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of Psen2 gene.

*Literature published using this strain should indicate: Psen2-Flox mice (Cat. NO. TBD) were purchased from Shanghai Model Organisms Center, Inc..

病気の予測

Alzheimer's Disease	表現型	MGI:5754385 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Psen1-Flox(NM-CKO-2101423) and Camk2a-cre mice.
	参考文献	Xia D, Watanabe H, Wu B, Lee SH, Li Y, Tsvetkov E, Bolshakov VY, Shen J, Kelleher RJ 3rd, Presenilin-1 Knockin Mice Reveal Loss-of-Function Mechanism for Familial Alzheimer's Disease. <i>Neuron</i> . 2015 Mar 4;85(5):967-81

Alzheimer's Disease 4	表現型	MGI:3045186 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Psen1-Flox(NM-CKO-2101423) and Camk2a-cre mice.
	参考文献	Feng R, Wang H, Wang J, Shrom D, Zeng X, Tsien JZ, Forebrain degeneration and ventricle enlargement caused by double knockout of Alzheimer's presenilin-1 and presenilin-2. Proc Natl Acad Sci U S A. 2004 May 25;101(21):8162-7

表現型データ

No data