

Npc1-Flox

系統名	C57BL/6Smoc- <i>Npc1</i> ^{em2(flox)Smoc}
SMOC番号	NM-CKO-200070
維持形態	Sperm cryopreservation

遺伝子の概要

Gene Symbol	Synonyms	A430089E03Rik C85354 D18Erttd139e D18Erttd723e lcsd nmf164
	NCBI ID	18145
	MGI ID	1097712
	Ensembl ID	ENSMUSG00000024413
	Human Ortholog	NPC1

説明

These mice carry loxP sites flanking exon 9 of *Npc1* gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of *Npc1* gene.

応用分野: Lipoprotein metabolism and metabolism related research

*Literature published using this strain should indicate: *Npc1*-Flox mice (Cat. NO. NM-CKO-200070) were purchased from Shanghai Model Organisms Center, Inc..

病気の予測

Niemann-Pick Disease	表現型	MGI:5925342 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with CAG-cre mice.
	参考文献	Yu T, Shakkottai VG, Chung C, Lieberman AP, Temporal and cell-specific deletion establishes that neuronal <i>Npc1</i> deficiency is sufficient to mediate neurodegeneration. Hum Mol Genet. 2011 Nov 15;20(22):4440-51

表現型データ

No data
