Lepr-Flox

系統名	C57BL/6Smoc-*Lepr*^{em1(flox)Smoc}
SMOC番号	NM-CKO-200116
維持形態	Repository Live

遺伝子の概要

Gene Symbol Lepr	Synonyms	db; Obr; obl; Leprb; Modb1; LEPROT; OB-RGRP; diabetes; obese-like
	NCBI ID	16847
	MGI ID	104993
	Ensembl ID	ENSMUSG00000057722
	Human Ortholog	LEPR

説明

These mice carry loxP sites flanking exon 4 of Lepr gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of Lepr gene.

応用分野： Research on Development Leptin signal transduction through JAK/STAT and MAPK cascade and peptide ligand binding receptor

*Literature published using this strain should indicate: Lepr-Flox mice (Cat. NO. NM-CKO-200116) were purchased from Shanghai Model Organisms Center, Inc..

病気の予測

Polycystic Ovary Syndrome	表現型	MGI:5471586 Note：The expected phenotype(s) may be observed in the above-mentioned mice that bred with Insr-Flox(NM-CKO-200189) and Pomc1-cre mice.
	参考文献	Marino JS, Iler J, Dowling AR, Chua S, Bruning JC, Coppari R, Hill JW, Adipocyte dysfunction in a mouse model of polycystic ovary syndrome (PCOS): evidence of adipocyte hypertrophy and tissue-specific inflammation. PLoS One. 2012;7(10):e48643

表現型デ□タ

No data