

Lepr-KO

系統名	C57BL/6Smoc- <i>Lepr</i> ^{em1Smoc}
SMOC番号	NM-KO-190663
維持形態	Sperm cryopreservation

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

Exon 5 of Lepr gene was deleted to generate Lepr knockout mice.

応用分野: obesity

*Literature published using this strain should indicate: Lepr-KO mice (Cat. NO. NM-KO-190663) were purchased from Shanghai Model Organisms Center, Inc..

病気の予測

Type 2 Diabetes Mellitus	表現型	MGI:5620891
	参考文献	Lee Y, Berglund ED, Yu X, Wang MY, Evans MR, Scherer PE, Holland WL, Charron MJ, Roth MG, Unger RH, Hyperglycemia in rodent models of type 2 diabetes requires insulin-resistant alpha cells. Proc Natl Acad Sci U S A. 2014 Sep 9;111(36):13217-22

Obesity	表現型	MGI:3511748
	参考文献	McMinn JE, Liu SM, Dragatsis I, Dietrich P, Ludwig T, Eiden S, Chua SC Jr, An allelic series for the leptin receptor gene generated by CRE and FLP recombinase. Mamm Genome. 2004 Sep;15(9):677-85

表現型データ

No data