

Lepr-KO

品系全名	C57BL/6Smoc- <i>Lepr</i> ^{em1Smoc}
目录号	NM-KO-190663
品系状态	精子冻存

基因信息

基因名 Lepr	基因曾用名	db; Obr; obl; Leprb; Modb1; LEPROT; OB-RGRP; diabetes; obese-like
	NCBI ID	16847
	MGI ID	104993
	Ensembl ID	ENSMUSG00000057722
	人类同源基因	LEPR

品系描述

敲除Lepr基因exon 5，建立Lepr基因敲除小鼠模型。

应用领域：肥胖

*使用本品系发表的文献需注明: Lepr-KO mice (Cat. NO. NM-KO-190663) were purchased from Shanghai Model Organisms Center, Inc..

疾病预测

2型糖尿病 Type 2 Diabetes Mellitus	近似模型的表型	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

肥胖 Obesity	近似模型的表型	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

验证数据

暂无数据