

Mc3r-KO

品系全名	C57BL/6Smoc- <i>Mc3R</i> ^{em1Smoc}
目录号	NM-KO-190652
品系状态	精子冻存

基因信息

基因名 Mc3r	基因曾用名	MC3-R
	NCBI ID	17201
	MGI ID	96929
	Ensembl ID	ENSMUSG00000038537
	人类同源基因	MC3R

品系描述

敲除Mc3r基因exon 1，建立Mc3r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: Mc3r-KO mice (Cat. NO. NM-KO-190652) were purchased from Shanghai Model Organisms Center, Inc..

疾病预测

肥胖 Obesity	近似模型的表型	MGI:3639354
	参考文献	Butler AA, Kesterson RA, Khong K, Cullen MJ, Pellemounter MA, Dekoning J, Baetscher M, Cone RD, A unique metabolic syndrome causes obesity in the melanocortin-3 receptor-deficient mouse. Endocrinology. 2000 Sep;141(9):3518-21

肥胖 Obesity	近似模型的表型	MGI:3850836 注：该品系需与Mc4r-KO(2)(NM-KO-205021)交配才可能获得预期表型
	参考文献	Chen AS, Marsh DJ, Trumbauer ME, Frazier EG, Guan XM, Yu H, Rosenblum CI, Vongs A, Feng Y, Cao L, Metzger JM, Strack AM, Camacho RE, Mellin TN, Nunes CN, Min W, Fisher J, Gopal-Truter S, MacIntyre DE, Chen HY, Van Der Ploeg LH, Inactivation of the mouse melanocortin-3 receptor results in increased fat mass and reduced lean body mass. Nat Genet. 2000 Sep;26(1):97-102

验证数据

暂无数据