

Cavin1-KO

品系全名	C57BL/6Smoc- <i>Cavin1</i> ^{em1Smoc}
目录号	NM-KO-201136
品系状态	精子冻存

基因信息

基因名 Cavin1	基因曾用名	Ptrf; Cavin; Cav-p60; AW546441; 2310075E07Rik
	NCBI ID	19285
	MGI ID	1277968
	Ensembl ID	ENSMUSG000000004044
	人类同源基因	CAVIN1

品系描述

敲除Cavin1基因exon 2, 建立Cavin1基因敲除小鼠模型。

*使用本品系发表的文献需注明: Cavin1-KO mice (Cat. NO. NM-KO-201136) were purchased from Shanghai Model Organisms Center, Inc..

疾病预测

肺动脉高压 Pulmonary Hypertension	近似模型的表型	MGI:5614325
	参考文献	Sward K, Sadegh MK, Mori M, Erjefalt JS, Rippe C, Elevated pulmonary arterial pressure and altered expression of Ddah1 and Arg1 in mice lacking cavin-1/PTRF. Physiol Rep. 2013 Jun;1(1):e00008

先天性全身性脂肪营养不良4型 Congenital Generalized Lipodystrophy Type 4	近似模型的表型 MGI:3829009
	参考文献 Bastiani M, Liu L, Hill MM, Jedrychowski MP, Nixon SJ, Lo HP, Abankwa D, Luetterforst R, Fernandez-Royo M, Breen MR, Gygi SP, Vinten J, Walser PJ, North KN, Hancock JF, Pilch PF, Parton RG, MURC/Cavin-4 and cavin family members form tissue-specific caveolar complexes. J Cell Biol. 2009 Jun 29;185(7):1259-73

验证数据

暂无数据