

Mus81-KO

品系全名	C57BL/6Smoc- <i>Mus81</i> ^{em1Smoc}
目录号	NM-KO-200638
品系状态	胚胎冻存

基因信息

基因名 Mus81	基因曾用名	AI182501, AW045863, 1200008A18Rik
	NCBI ID	71711
	MGI ID	1918961
	Ensembl ID	ENSMUSG00000024906
	人类同源基因	MUS81

品系描述

敲除Mus81基因exon 1-5, 建立Mus81基因敲除小鼠模型。

应用领域: 同源DNA配对和链交换以及DNA双链断裂修复相关研究

*使用本品系发表的文献需注明: Mus81-KO mice (Cat. NO. NM-KO-200638) were purchased from Shanghai Model Organisms Center, Inc..

疾病预测

肺气肿 Pulmonary Emphysema	近似模型的表型	MGI:5661527
	参考文献	Ramnath NW, van de Luitgaarden KM, van der Pluijm I, van Nimwegen M, van Heijningen PM, Swagemakers SM, van Thiel BS, Ridwan RY, van Vliet N, Vermeij M, Hawinkels LJ, de Munck A, Dzyubachyk O, Meijering E, van der Spek P, Rottier R, Yanagisawa H, Hendriks RW, Kanaar R, Rouwet EV, Kleinjan A, Essers J, Extracellular matrix defects in aneurysmal Fibulin-4 mice predispose to lung emphysema. PLoS One. 2014;9(9):e106054

马凡综合征 Marfan Syndrome	近似模型的表型	MGI:3794044
	参考文献	Hanada K, Vermeij M, Garinis GA, de Waard MC, Kunen MG, Myers L, Maas A, Duncker DJ, Meijers C, Dietz HC, Kanaar R, Essers J, Perturbations of vascular homeostasis and aortic valve abnormalities in fibulin-4 deficient mice. Circ Res. 2007 Mar 16;100(5):738-46

验证数据

暂无数据