

Cdkn1a-KO

品系全名	C57BL/6Smoc- <i>Cdkn1a</i> ^{em1Smoc}
目录号	NM-KO-190774
品系状态	精子冻存

基因信息

基因名 Cdkn1a	基因曾用名	P21; CDKI; CIP1; SDI1; Waf1; mda6; CAP20; Cdkn1; p21WAF; p21Cip1
	NCBI ID	12575
	MGI ID	104556
	Ensembl ID	ENSMUSG00000023067
	人类同源基因	CDKN1A

品系描述

敲除Cdkn1a基因exon 2-3，建立Cdkn1a基因敲除小鼠模型。

应用领域：与组织再生相关

*使用本品系发表的文献需注明: Cdkn1a-KO mice (Cat. NO. NM-KO-190774) were purchased from Shanghai Model Organisms Center, Inc..

疾病预测

肝细胞癌 Hepatocellular Carcinoma	近似模型的表型	MGI:3046808
	参考文献	Wang Y, Cui F, Lv Y, Li C, Xu X, Deng C, Wang D, Sun Y, Hu G, Lang Z, Huang C, Yang X, HBsAg and HBx knocked into the p21 locus causes hepatocellular carcinoma in mice. Hepatology. 2004 Feb;39(2):318-24

系统性红斑狼疮 Systemic Lupus Erythematosus	近似模型的表型	MGI:3615496
	参考文献	Salvador JM, Hollander MC, Nguyen AT, Kopp JB, Barisoni L, Moore JK, Ashwell JD, Fornace AJ, Mice Lacking the p53-Effector Gene Gadd45a Develop a Lupus-Like Syndrome. Immunity. 2002 Apr;16(4):499-508
系统性红斑狼疮 Systemic Lupus Erythematosus	近似模型的表型	MGI:3618363 注：该品系需与Gadd45a-KO(NM-KO-200590)交配才可能获得预期表型
	参考文献	Salvador JM, Hollander MC, Nguyen AT, Kopp JB, Barisoni L, Moore JK, Ashwell JD, Fornace AJ, Mice Lacking the p53-Effector Gene Gadd45a Develop a Lupus-Like Syndrome. Immunity. 2002 Apr;16(4):499-508

验证数据

暂无数据