

Gadd45a-KO

品系全名	C57BL/6Smoc- <i>Gadd45a</i> ^{em1Smoc}
目录号	NM-KO-200590
品系状态	精子冻存

基因信息

基因名 Gadd45a	基因曾用名	Ddit1; GADD45; AA545191
	NCBI ID	13197
	MGI ID	107799
	Ensembl ID	ENSMUSG00000036390
	人类同源基因	GADD45A

品系描述

敲除Gadd45a基因exon 1-4, 建立Gadd45a基因敲除小鼠模型。曾有基因修饰致死报导, 详情点击基因信息中的MGI ID。

应用领域: 肿瘤相关研究

*使用本品系发表的文献需注明: Gadd45a-KO mice (Cat. NO. NM-KO-200590) were purchased from Shanghai Model Organisms Center, Inc..

疾病预测

肺癌 Lung Cancer	近似模型的表型	MGI:3719353 注: 该品系需与Xpc-KO(NM-KO-200589)交配才可能获得预期表型
	参考文献	Hollander MC, Philburn RT, Patterson AD, Velasco-Miguel S, Friedberg EC, Linnoila RI, Fornace AJ Jr, Deletion of XPC leads to lung tumors in mice and is associated with early events in human lung carcinogenesis. Proc Natl Acad Sci U S A. 2005 Sep 13;102(37):13200-5

系统性红斑狼疮 Systemic Lupus Erythematosus	近似模型的表型 MGI:3618357
	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Cdkn1a-KO(NM-KO-190774)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