

IL2-KO

品系全名	C57BL/6Smoc- <i>Il2</i> ^{em2Smoc}
目录号	NM-KO-190486
品系状态	精子冻存

基因信息

基因名 IL2	基因曾用名	Il-2
	NCBI ID	16183
	MGI ID	96548
	Ensembl ID	ENSMUSG00000027720
	人类同源基因	IL2

品系描述

敲除IL2基因exon 3，建立IL2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：免疫系统

*使用本品系发表的文献需注明: IL2-KO mice (Cat. NO. NM-KO-190486) were purchased from Shanghai Model Organisms Center, Inc..

疾病预测

干燥综合征 Sjogren's Syndrome	近似模型的表型	MGI:3760264
	参考文献	Sharma R, Zheng L, Guo X, Fu SM, Ju ST, Jarjour WN, Novel animal models for Sjogren's syndrome: expression and transfer of salivary gland dysfunction from regulatory T cell-deficient mice. J Autoimmun. 2006 Dec;27(4):289-96
炎症性肠病 Inflammatory Bowel Disease	近似模型的表型	MGI:2450466
	参考文献	Sadlack B, Merz H, Schorle H, Schimpl A, Feller AC, Horak I, Ulcerative colitis-like disease in mice with a disrupted interleukin-2 gene [see comments]. Cell. 1993 Oct 22;75(2):253-61

炎症性肠病 Inflammatory Bowel Disease	近似模型的表型	MGI:3576258 注：该品系需与B2m-KO(NOD-scid)(NM-KO-18035)交配才可能获得预期表型
	参考文献	Shah SA, Simpson SJ, Brown LF, Comiskey M, de Jong YP, Allen D, Terhorst C, Development of colonic adenocarcinomas in a mouse model of ulcerative colitis. Inflamm Bowel Dis. 1998 Aug;4(3):196-202

验证数据

暂无数据