

Fcgr2b-KO(3)

品系全名	C57BL/6Smoc- <i>Fcgr2b</i> ^{em1Smoc}
目录号	NM-KO-210279
品系状态	精子冻存

基因信息

基因名 Fcgr2b	基因曾用名	AI528646; CD32; F630109E10Rik; Fc[g]RII; FcgRII; Fcgr2; Fcgr2a; Fcr-2; Fcr-3; Ly-17; Ly-m20; LyM-1; Lym-1; fcRII
	NCBI ID	14130
	MGI ID	95499
	Ensembl ID	ENSMUSG00000026656
	人类同源基因	FCGR2B

品系描述

通过敲除Fcgr2b基因exon 3-5，建立Fcgr2b-KO小鼠模型。与此相似的品系还有Fcgr2b-KO(NM-KO-00130)，敲除区域为exon 3。原Fcgr2b-KO(2)(NM-KO-191214)小鼠模型因技术原因已下架。曾有基因修饰致死报导，详情点击基因信息中的MGI ID。

*使用本品系发表的文献需注明: Fcgr2b-KO(3) mice (Cat. NO. NM-KO-210279) were purchased from Shanghai Model Organisms Center, Inc..

疾病预测

膀胱炎 Cystitis	近似模型的表型	MGI:5574062 注：该品系需与Pd-1-KO(NM-KO-190423)交配才可能获得预期表型
	参考文献	Sugino Y, Nishikawa N, Yoshimura K, Kuno S, Hayashi Y, Yoshimura N, Okazaki T, Kanematsu A, Ogawa O, BALB/c-Fcgr2bPdcd1 mouse expressing anti-urothelial antibody is a novel model of autoimmune cystitis. Sci Rep. 2012;2:317

疟疾 Malaria	近似模型的表型	MGI:2448997
	参考文献	Clatworthy MR, Willcocks L, Urban B, Langhorne J, Williams TN, Peshu N, Watkins NA, Floto RA, Smith KG, Systemic lupus erythematosus-associated defects in the inhibitory receptor Fc{gamma}RIIb reduce susceptibility to malaria. Proc Natl Acad Sci U S A. 2007 Apr 24;104(17):7169-74

验证数据

暂无数据