

Tnf-KO

品系全名	C57BL/6Smoc- <i>Tnf</i> ^{em1Smoc}
目录号	NM-KO-00100
品系状态	活体

基因信息

基因名 Tnf	基因曾用名	DIF, TNF-a, TNF-alpha, TNFSF2, TNFalpha, Tnfsf1a, Tnlg1f
	NCBI ID	21926
	MGI ID	104798
	Ensembl ID	ENSMUSG00000024401
	基因标记细胞类型举例	骨髓单核细胞、脂肪组织免疫细胞
	人类同源基因	TNF
	人类同源基因关联疾病	类风湿性关节炎、溃疡性结肠炎、糖尿病

品系描述

Tnf基因位于小鼠17号染色体。设计sgRNA针对Tnf基因exon 2-3，建立该Tnf基因敲除小鼠模型

应用领域：免疫相关研究；肿瘤相关研究

*使用本品系发表的文献需注明: Tnf-KO mice (Cat. NO. NM-KO-00100) were purchased from Shanghai Model Organisms Center, Inc..

疾病预测

脊柱关节病 Spondyloarthropathy	近似模型的表型	MGI:3629514
	参考文献	Sakkou M, Chouvardas P, Ntari L, Prados A, Moreth K, Fuchs H, Gailus-Durner V, Hrabe de Angelis M, Denis MC, Karagianni N, Kollias G, Mesenchymal TNFR2 promotes the development of polyarthritis and comorbid heart valve stenosis. JCI Insight. 2018 Apr 5;3(7)

类风湿关节炎 Rheumatoid Arthritis	近似模型的表型 MGI:3622060
	参考文献 Kontoyiannis D, Pasparakis M, Pizarro TT, Cominelli F, Kollias G, Impaired on/off regulation of TNF biosynthesis in mice lacking TNF AU- rich elements: implications for joint and gut-associated immunopathologies. Immunity. 1999 Mar;10(3):387-98
类风湿关节炎 Rheumatoid Arthritis	近似模型的表型 MGI:3622062
	参考文献 Kontoyiannis D, Pasparakis M, Pizarro TT, Cominelli F, Kollias G, Impaired on/off regulation of TNF biosynthesis in mice lacking TNF AU- rich elements: implications for joint and gut-associated immunopathologies. Immunity. 1999 Mar;10(3):387-98

验证数据

暂无数据