

Nkx3-1-KO

品系全名	C57BL/6Smoc- <i>Nkx3</i> -1 ^{em1Smoc}
目录号	待定
品系状态	在研

基因信息

基因名 Nkx3-1	基因曾用名	Bax, NKX3A, NKX3.1, Nkx-3.1, bagpipe
	NCBI ID	18095
	MGI ID	97352
	Ensembl ID	ENSMUSG00000022061
	人类同源基因	NKX3-1
	人类同源基因关联疾病	前列腺癌

品系描述

敲除Nkx3-1基因exon 2，建立Nkx3-1基因敲除小鼠模型。

*使用本品系发表的文献需注明: Nkx3-1-KO mice (Cat. NO. 待定) were purchased from Shanghai Model Organisms Center, Inc..

疾病预测

前列腺癌 Prostate Cancer	近似模型的表型	MGI:2175150
	参考文献	Schneider A, Brand T, Zweigerdt R, Arnold H, Targeted disruption of the nkx3.1 gene in mice results in morphogenetic defects of minor salivary glands: parallels to glandular duct morphogenesis in prostate. Mech Dev. 2000 Jul;95(1-2):163-74

前列腺癌 Prostate Cancer	近似模型的表型	MGI:5569926 注：该品系需与Pten-KO(NM-KO-18002)交配才可能获得预期表型
	参考文献	Kim MJ, Cardiff RD, Desai N, Banach-Petrosky WA, Parsons R, Shen MM, Abate-Shen C, Cooperativity of Nkx3.1 and Pten loss of function in a mouse model of prostate carcinogenesis. Proc Natl Acad Sci U S A. 2002 Mar 5;99(5):2884-9

验证数据

暂无数据