

# Jun-Flox

品系全名	C57BL/6Smoc- <i>Jun</i> <sup>em1(flox)Smoc</sup>
目录号	NM-CKO-240613
品系状态	精子冻存

## 基因信息

基因名 Jun	基因曾用名	AP-1; Junc; c-jun
	NCBI ID	<a href="#">16476</a>
	MGI ID	<a href="#">96646</a>
	Ensembl ID	<a href="#">ENSMUSG00000052684</a>
	人类同源基因	JUN

## 品系描述

通过在Jun基因exon 1两侧分别插入loxP位点。该flox小鼠可与组织特异性Cre工具鼠交配，获得在特定细胞类型或组织中敲除Jun基因的小鼠模型。

\*使用本品系发表的文献需注明: Jun-Flox mice (Cat. NO. NM-CKO-240613) were purchased from Shanghai Model Organisms Center, Inc..

## 疾病预测

肺气肿 Pulmonary Emphysema	近似模型的表型	<a href="#">MGI:5306592</a> 注：该品系与Sftpc-cre工具鼠交配才可能获得预期表型
	参考文献	Reddy NM, Vegiraju S, Irving A, Paun BC, Luzina IG, Atamas SP, Biswal S, Ana NA, Mitzner W, Reddy SP, Targeted Deletion of Jun/AP-1 in Alveolar Epithelial Cells Causes Progressive Emphysema and Worsens Cigarette Smoke-Induced Lung Inflammation. Am J Pathol. 2012 Feb;180(2):562-74

<b>银屑病</b> <b>Psoriasis</b>	<b>近似模型的表型</b>	<a href="#">MGI:5578332</a> 注：该品系与Junb-Flox(NM-CKO-2100734)和Krt1-5-cre/ERT工具鼠交配才可能获得预期表型
	<b>参考文献</b>	Zenz R, Eferl R, Kenner L, Florin L, Hummerich L, Mehic D, Scheuch H, Angel P, Tschachler E, Wagner EF, Psoriasis-like skin disease and arthritis caused by inducible epidermal deletion of Jun proteins. Nature. 2005 Sep 15;437(7057):369-75

## 验证数据

暂无数据