

# Pax3-Flox

品系全名	C57BL/6Smoc- <i>Pax3</i> <sup>em1(flox)Smoc</sup>
目录号	NM-CKO-240994
品系状态	精子冻存

## 基因信息

基因名 Pax3	基因曾用名	Sp; Pax-3; Splchl2; splotch
	NCBI ID	<a href="#">18505</a>
	MGI ID	<a href="#">97487</a>
	Ensembl ID	<a href="#">ENSMUSG00000004872</a>
	人类同源基因	PAX3

## 品系描述

通过在Pax3基因exon 5两侧分别插入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Pax3基因的小鼠模型。

\*使用本品系发表的文献需注明: Pax3-Flox mice (Cat. NO. NM-CKO-240994) were purchased from Shanghai Model Organisms Center, Inc..

## 疾病预测

肺泡横纹肌肉瘤 Alveolar Rhabdomyosarcoma	近似模型的表型	<a href="#">MGI:3844656</a> 注：该品系与Myf6-Cre工具鼠交配才可能获得预期表型
	参考文献	Keller C, Arenkiel BR, Coffin CM, El-Bardeesy N, DePinho RA, Capecchi MR, Alveolar rhabdomyosarcomas in conditional Pax3:Fkhr mice: cooperativity of Ink4a/ARF and Trp53 loss of function. Genes Dev. 2004 Dec 1;18(21):2614-26

<p style="text-align: center;"><b>肺泡横纹肌肉瘤</b> <b>Alveolar</b> <b>Rhabdomyosarcoma</b></p>	<p><b>近似模型的表型</b> <a href="#">MGI:3844657</a> 注：该品系与P53-Flox(2)(NM-CKO-190067)和Myf6-Cre工具鼠交配才可能获得预期表型</p>
	<p><b>参考文献</b> Keller C, Arenkiel BR, Coffin CM, El-Bardeesy N, DePinho RA, Capecchi MR, Alveolar rhabdomyosarcomas in conditional Pax3:Fkhr mice: cooperativity of Ink4a/ARF and Trp53 loss of function. Genes Dev. 2004 Dec 1;18(21):2614-26</p>
<p style="text-align: center;"><b>肺泡横纹肌肉瘤</b> <b>Alveolar</b> <b>Rhabdomyosarcoma</b></p>	<p><b>近似模型的表型</b> <a href="#">MGI:3844659</a> 注：该品系与Cdkn2a-Flox(2)(NM-CKO-200151)和Myf6-Cre工具鼠交配才可能获得预期表型</p>
	<p><b>参考文献</b> Keller C, Arenkiel BR, Coffin CM, El-Bardeesy N, DePinho RA, Capecchi MR, Alveolar rhabdomyosarcomas in conditional Pax3:Fkhr mice: cooperativity of Ink4a/ARF and Trp53 loss of function. Genes Dev. 2004 Dec 1;18(21):2614-26</p>

## 验证数据

暂无数据