

# Aire-KO

**品系全名** C57BL/6Smoc-*Aire*<sup>em1smoc</sup>

**目录号** NM-KO-2112347

**品系状态** 胚胎冻存

## 基因信息

<b>基因名</b> <b>Aire</b>	<b>基因曾用名</b>	-
	<b>NCBI ID</b>	<a href="#">11634</a>
	<b>MGI ID</b>	<a href="#">1338803</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000000731</a>
	<b>人类同源基因</b>	AIRE
	<b>人类同源基因关联疾病</b>	多腺体 I 型自身免疫综合症

## 品系描述

敲除Aire基因exon 8，建立Aire基因敲除小鼠模型。

\*使用本品系发表的文献需注明: Aire-KO mice (Cat. NO. NM-KO-2112347) were purchased from Shanghai Model Organisms Center, Inc..

## 疾病预测

<b>干燥综合征</b> <b>Sjogren's Syndrome</b>	<b>近似模型的表型</b>	<a href="#">MGI:3576479</a>
	<b>参考文献</b>	Kuroda N, Mitani T, Takeda N, Ishimaru N, Arakaki R, Hayashi Y, Bando Y, Izumi K, Takahashi T, Nomura T, Sakaguchi S, Ueno T, Takahama Y, Uchida D, Sun S, Kajiura F, Mouri Y, Han H, Matsushima A, Yamada G, Matsumoto M, Development of autoimmunity against transcriptionally unexpressed target antigen in the thymus of Aire-deficient mice. J Immunol. 2005 Feb 15;174(4):1862-70

<b>干燥综合征</b> <i>Sjogren's Syndrome</i>	<b>近似模型的表型</b> <b>参考文献</b>	<a href="#">MGI:5428441</a> 注：该品系需与Il1r1-KO(2)(NM-KO-191194)交配才可能获得预期表型  Chen YT, Nikulina K, Lazarev S, Bahrami AF, Noble LB, Gallup M, McNamara NA, Interleukin-1 as a phenotypic immunomodulator in keratinizing squamous metaplasia of the ocular surface in Sjogren's syndrome. Am J Pathol. 2010 Sep;177(3):1333-43
<b>自身免疫性多内分泌综合征 1 型</b> <i>Autoimmune Polyendocrine Syndrome Type 1</i>	<b>近似模型的表型</b> <b>参考文献</b>	<a href="#">MGI:2182941</a>  Ramsey C, Winqvist O, Puhakka L, Halonen M, Moro A, Kampe O, Eskelin P, Pelto-Huikko M, Peltonen L, Aire deficient mice develop multiple features of APECED phenotype and show altered immune response. Hum Mol Genet. 2002 Feb 15;11(4):397-409

## 验证数据

暂无数据