

Aire-KO

品系全名	C57BL/6Smoc-Aire ^{em1Smoc}
目录号	NM-KO-2112347
品系状态	胚胎冻存

基因信息

基因名 Aire	基因曾用名	-
	NCBI ID	11634
	MGI ID	1338803
	Ensembl ID	ENSMUSG00000000731
	人类同源基因	AIRE
	人类同源基因关联疾病	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

干燥综合征 Sjogren's Syndrome	近似模型的表型	MGI:3576479
	参考文献	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 unrepressed target antigen in the thymus of Aire-deficient mice. J Immunol. 2005 Feb 15;174(4):1862-70

干燥综合征 Sjogren's Syndrome	近似模型的表型	MGI:5428441 注：该品系需与Il1r1-KO(2)(NM-KO-191194)交配才可能获得预期表型
	参考文献	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
自身免疫性多内分泌综合征 1 型 Autoimmune Polyendocrine Syndrome Type 1	近似模型的表型	MGI:2182941
	参考文献	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