

Aire-KO

系統名	C57BL/6Smoc- <i>Aire</i> ^{em1Smoc}
SMOC番号	NM-KO-2112347
維持形態	Embryo cryopreservation

遺伝子の概要

Gene Symbol Aire	Synonyms	-
	NCBI ID	11634
	MGI ID	1338803
	Ensembl ID	ENSMUSG00000000731
	Human Ortholog	AIRE

説明

Exon 8 of Aire gene was deleted to generate Aire knockout mice.

*Literature published using this strain should indicate: Aire-KO mice (Cat. NO. NM-KO-2112347) were purchased from Shanghai Model Organisms Center, Inc..

病気の予測

Sjogren's Syndrome	表現型	MGI:5428441 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Il1r1-KO(2)(NM-KO-191194) mice.
	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

Autoimmune Polyendocrine Syndrome Type 1	表現型	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
Sjogren's Syndrome	表現型	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

表現型データ

No data