

# MHC Class II(I-A/I-E)-KO(Nod-Scid)

系統名	NOD- <i>Prkdc</i> <sup>scid</sup> <i>H2-Ab1</i> <sup>em1</sup> <i>H2-Aa</i> <sup>em1</sup> <i>H2-Eb1</i> <sup>em1</sup> <i>H2-Eb2</i> <sup>em1</sup> <i>H2-Ea-<math>\rho</math>5</i> <sup>em1Smoc</sup>
SMOC番号	NM-KO-18057
維持形態	Developing

## 遺伝子の概要

Gene Symbol H2-Ab1	Synonyms	IAb; Ia2; Ia-2; Abeta; H-2Ab; H2-Ab; Rmcs1; I-Abeta
	NCBI ID	<a href="#">14961</a>
	MGI ID	<a href="#">103070</a>
	Ensembl ID	<a href="#">ENSMUSG00000073421</a>
	Human Ortholog	HLA-DQB2
Gene Symbol H2-Aa	Synonyms	Ia1; H2Aa; Ia-1; H-2Aa; Aalpha; IAalpha; I-Aalpha
	NCBI ID	<a href="#">14960</a>
	MGI ID	<a href="#">95895</a>
	Ensembl ID	<a href="#">ENSMUSG00000036594</a>
	Human Ortholog	HLA-DQA1
Gene Symbol H2-Eb1	Synonyms	Eb; Ia4; H2Eb; Ia-4; H-2Eb
	NCBI ID	<a href="#">14969</a>
	MGI ID	<a href="#">95901</a>
	Ensembl ID	<a href="#">ENSMUSG00000060586</a>
	Human Ortholog	HLA-DRB1;HLA-DRB5
Gene Symbol H2-Ab1	Synonyms	IAb; Ia2; Ia-2; Abeta; H-2Ab; H2-Ab; Rmcs1; I-Abeta; AI845868
	NCBI ID	<a href="#">14961</a>
	MGI ID	<a href="#">103070</a>
	Ensembl ID	<a href="#">ENSMUSG00000073421</a>

<b>Gene Symbol</b> H2-Eb2	<b>Synonyms</b>	Ia5; Ia-5; H-2Eb2; Iebeta2; A130038H09Rik
	<b>NCBI ID</b>	<a href="#">381091</a>
	<b>MGI ID</b>	<a href="#">95902</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000067341</a>
	<b>Human Ortholog</b>	H2-EB2

## 説明

All sequences from the upstream of mouse H2-Ab1 gene exon 2 to the upstream of the H2-Ea-ps gene exon 1 were knocked out to obtain H2-Ab1、H2-Aa、H2-Eb1、H2-Eb2、H2-Ea-ps knockout mouse models. These MHC class II molecule-deficient mice were on the Nod-Scid genetic background and lacked cell surface expression of both class II-A and class II-E MHC proteins.

**応用分野:** immune system

\*Literature published using this strain should indicate: MHC Class II(I-A/I-E)-KO(Nod-Scid) mice (Cat. NO. NM-KO-18057) were purchased from Shanghai Model Organisms Center, Inc..

## 表現型データ

No data