

hHLA-A2

品系全名	C57BL/6Smoc- <i>H2-D1</i> ^{em1(hHLA-A2)Smoc}
目录号	NM-HU-204988
品系状态	活体

基因信息

基因名 H2-D1	基因曾用名	H-2D; H2-D; H2-K1
	NCBI ID	14964
	MGI ID	95896
	Ensembl ID	ENSMUSG00000073411
	人类同源基因	HLA-A;HLA-B;HLA-C

品系描述

通过同源重组，将小鼠 H2-D1基因进行人源化修饰。

应用领域： 药物筛选

*使用本品系发表的文献需注明: hHLA-A2 mice (Cat. NO. NM-HU-204988) were purchased from Shanghai Model Organisms Center, Inc..

验证数据

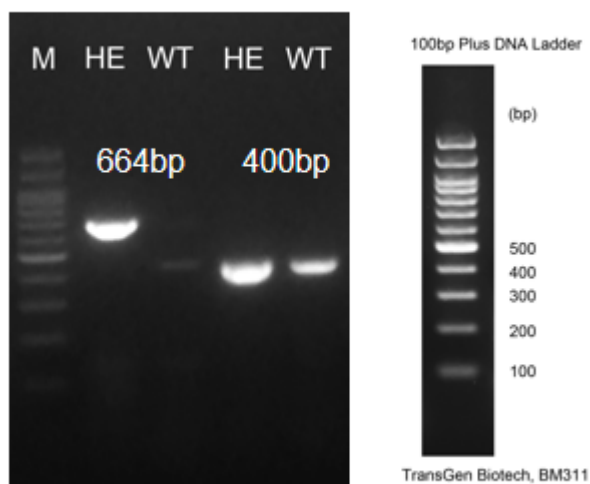


Fig1. Detection of HLA-A2 expression in spleen and intestine by RT-PCR. Wild type: only one band at 400 bp with primers F1/R1(mH2-D1);Heterozygous: one band at 400 bp with primers F1/R1(mH2-D1) and one band at 664 bp with primers F2/R2(hHLA-A2); Abbr.. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.

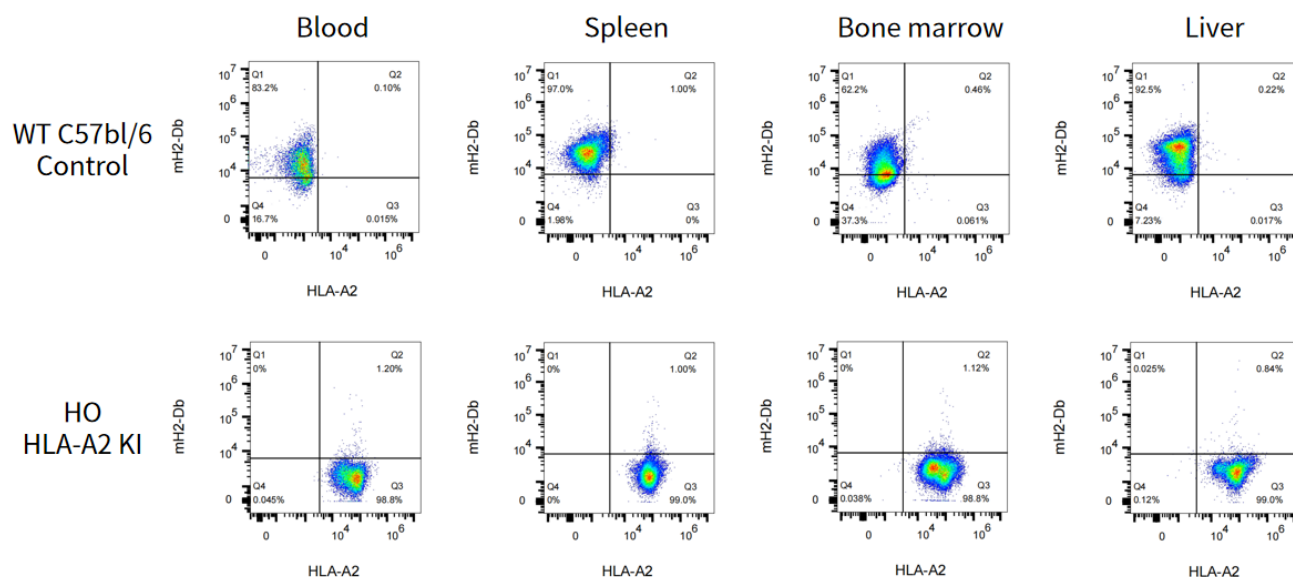


Fig2. Expression of hHLA-A2 in blood, spleen, bone marrow and Liver in HLA-A2 KI mice.

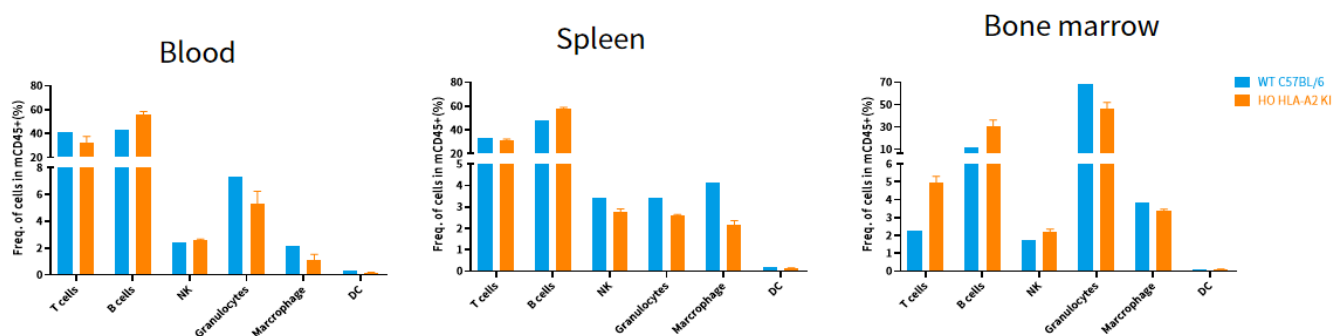


Fig3. Immunophenotyping in HLA-A2 KI mice.

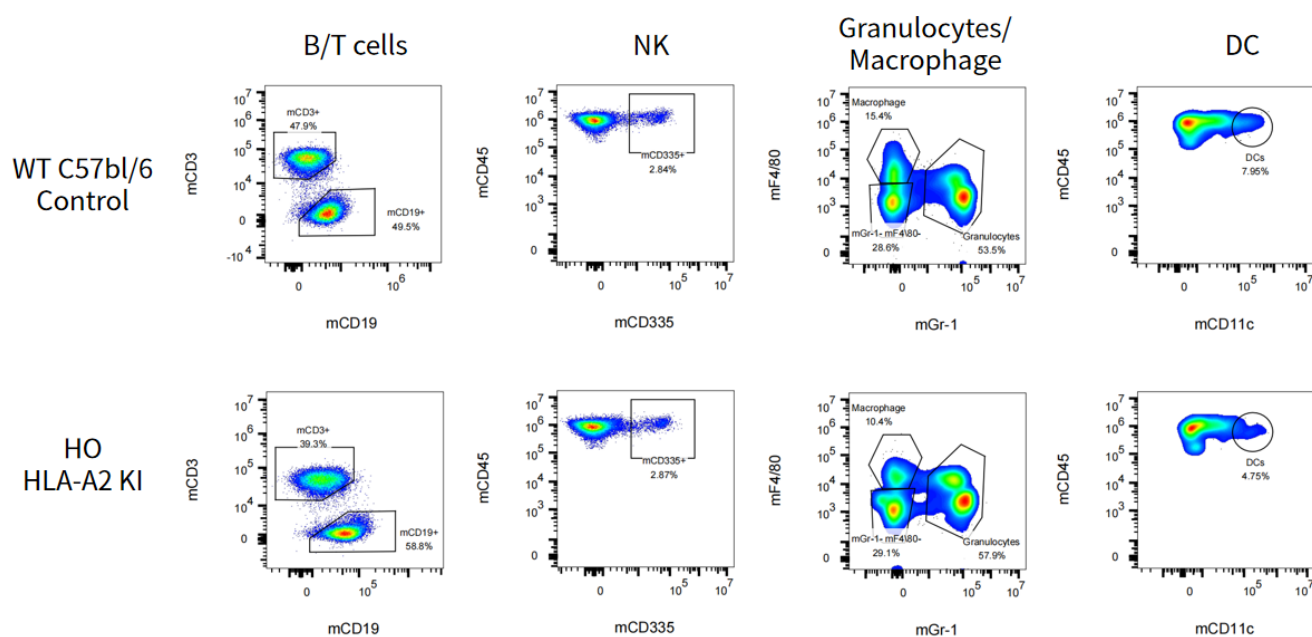


Fig4. Immunophenotyping in Blood in HLA-A2 KI mice.

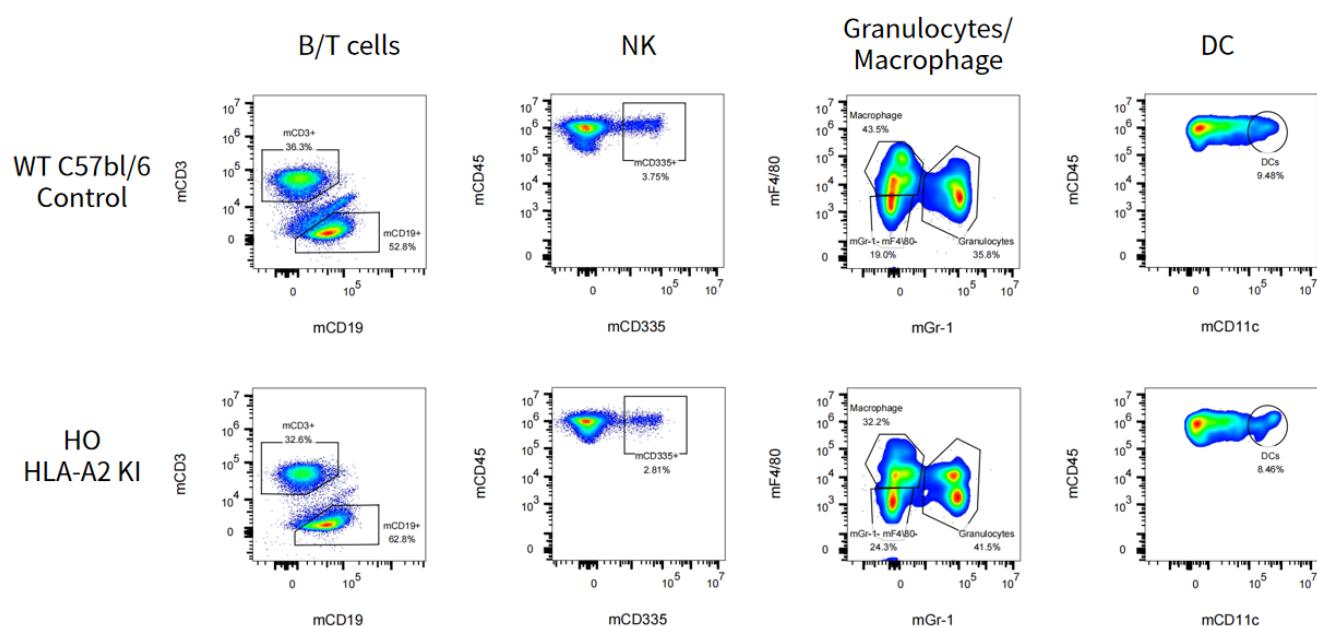


Fig5. Immunophenotyping in Spleen in HLA-A2 KI mice.

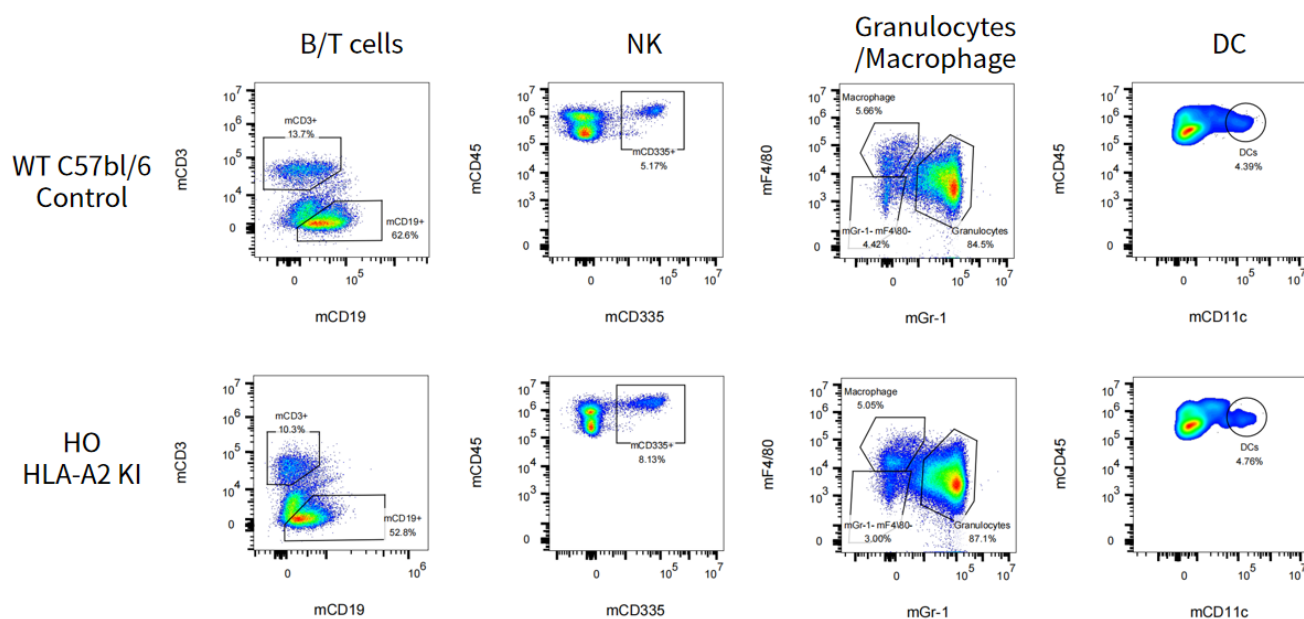


Fig6. Immunophenotyping in Bone Marrow in HLA-A2 KI mice.