

hHLA-A11

Nomenclature	C57BL/6Smoc- <i>H2-K1</i> ^{em1(hHLA-A11)Smoc}
Cat. NO.	NM-HU-204987
Strain State	Repository Live

Gene Summary

Gene Symbol H2-K1	Synonyms	K-f; H-2K; H2-K; H2-D1; H2-K_p; H-2K(d)
	NCBI ID	14972
	MGI ID	95904
	Ensembl ID	ENSMUSG000000061232
	Human Ortholog	HLA-A, HLA-E, HLA-F

Model Description

The endogenous mice H2-K1 gene was replaced by human HLA-A11 gene.

*Literature published using this strain should indicate: hHLA-A11 mice (Cat. NO. NM-HU-204987) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

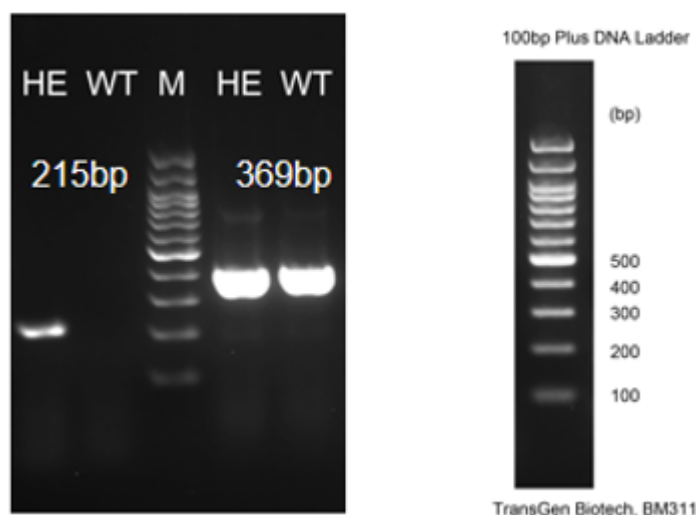


Fig1. Detection of HLA-A11 expression in liver and spleen by RT-PCR.

Wild type: only one band at 369 bp with primers F1/R1(mH2-k1);

Heterozygous: one band at 369 bp with primers F1/R1(mH2-k1) and one band at 215 bp with primers F2/R2(hHLA-A11).

Abbr. M, DNA marker; HE, heterozygous; WT, wild type.

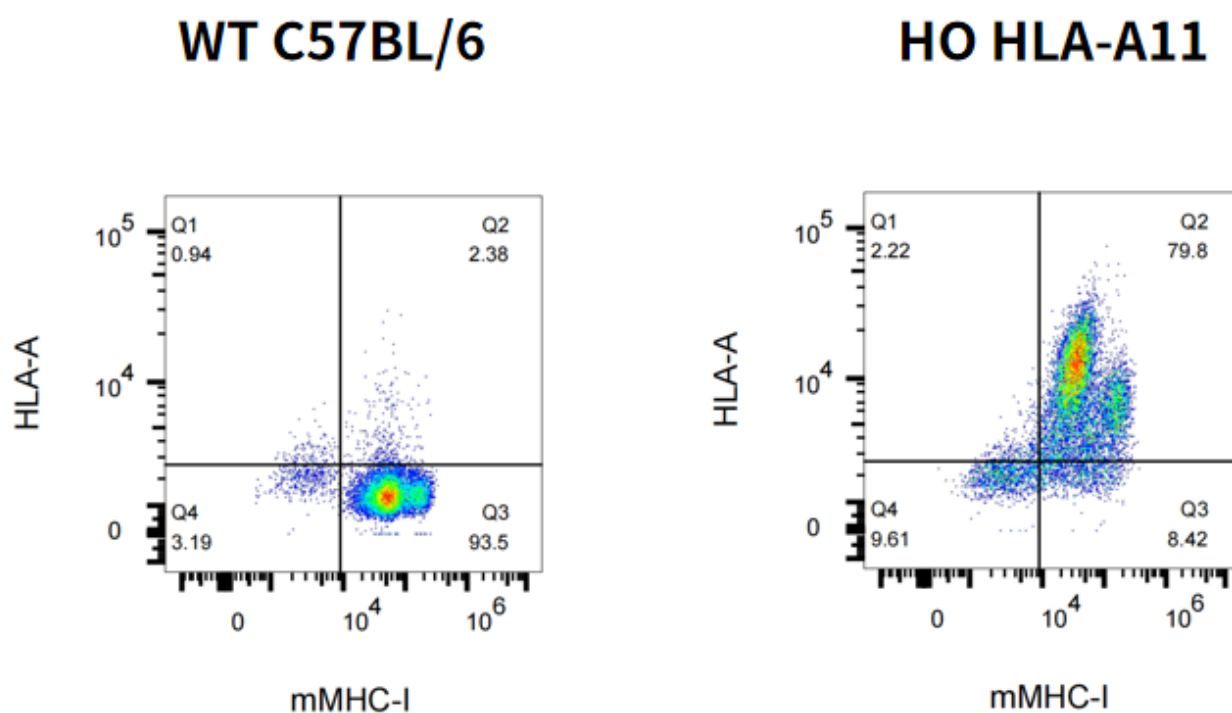


Fig2. Detection of HLA-A11 expression in blood in HLA-A11 KI mice.