

# hPVRIG

<b>Nomenclature</b>	C57BL/6Smoc- <i>Pvrig</i> <sup>em1(hPVRIG)/Smoc</sup>
<b>Cat. NO.</b>	NM-HU-210008
<b>Strain State</b>	Repository Live

## Gene Summary

<b>Gene Symbol</b> <b>Pvrig</b>	<b>Synonyms</b>	Gm36869
	<b>NCBI ID</b>	<a href="#">102640920</a>
	<b>MGI ID</b>	<a href="#">5596028</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000109713</a>
	<b>Human Ortholog</b>	PVRIG

## Model Description

The endogenous mice *Pvrig* gene was replaced by human PVRIG gene While hPVRIG(2)(Stock No.NM-HU-215013) mice function similarly to hPVRIG mice, for more detailed information please contact our technical advisor.

**Research Application:** drug screening

\*Literature published using this strain should indicate: hPVRIG mice (Cat. NO. NM-HU-210008) were purchased from Shanghai Model Organisms Center, Inc..

## Validation Data

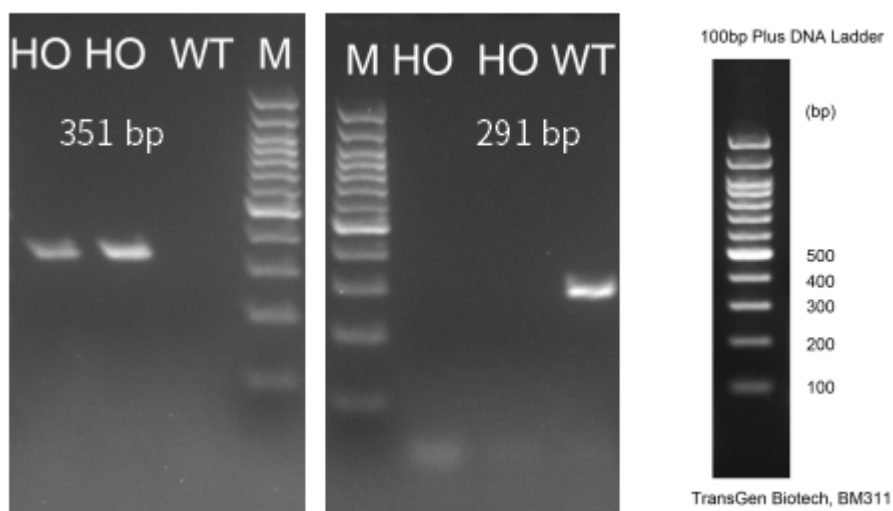


Fig1. Detection of PVRIG expression in spleen by RT-PCR.

Wild type: only one band at 291 bp with primers F1/R1(mPvrig); Homozygous: only one band at 351 bp with primers F2/R2(hPVRIG); Abbr. M, DNA marker; HO, homozygous; WT, wild type.

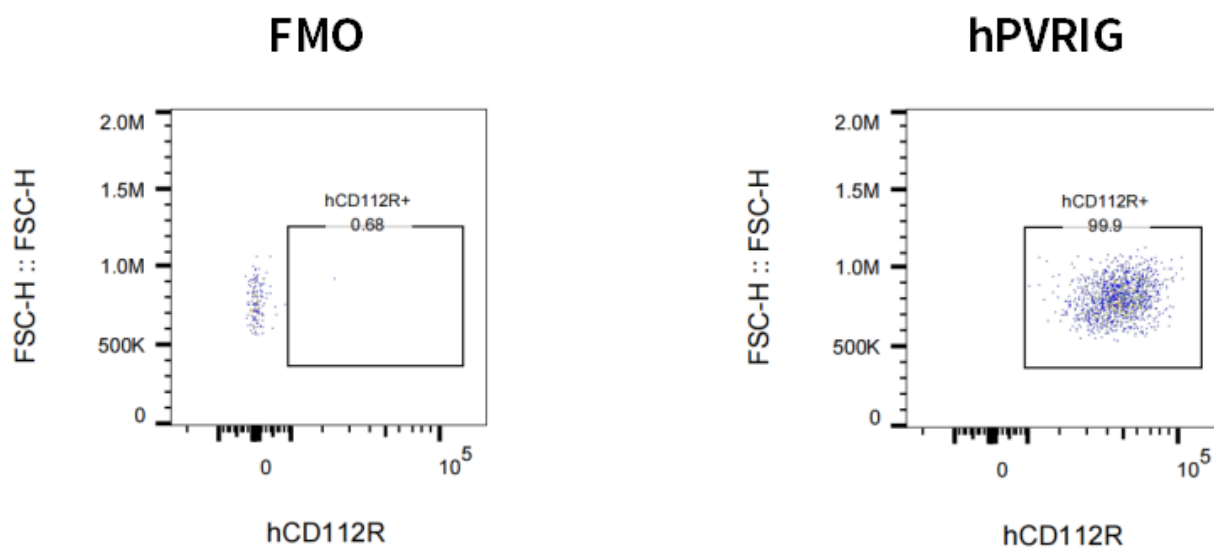


Fig2. Detection of hPVRIG expression in Daudi cells.

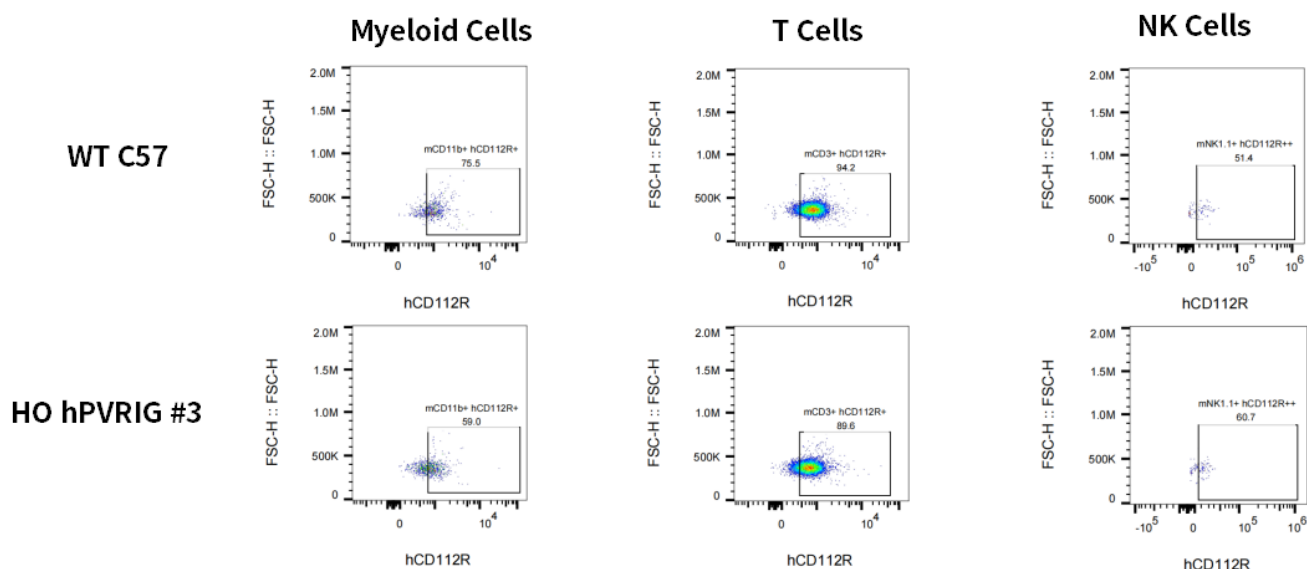


Fig3. Detection of hPVRIG expression in Spleen in hPVRIG KI mice.

Note. The anti-human CD112R (PVRIG) Antibody cross-reacted with mPVRIG and humanized PVRIG.

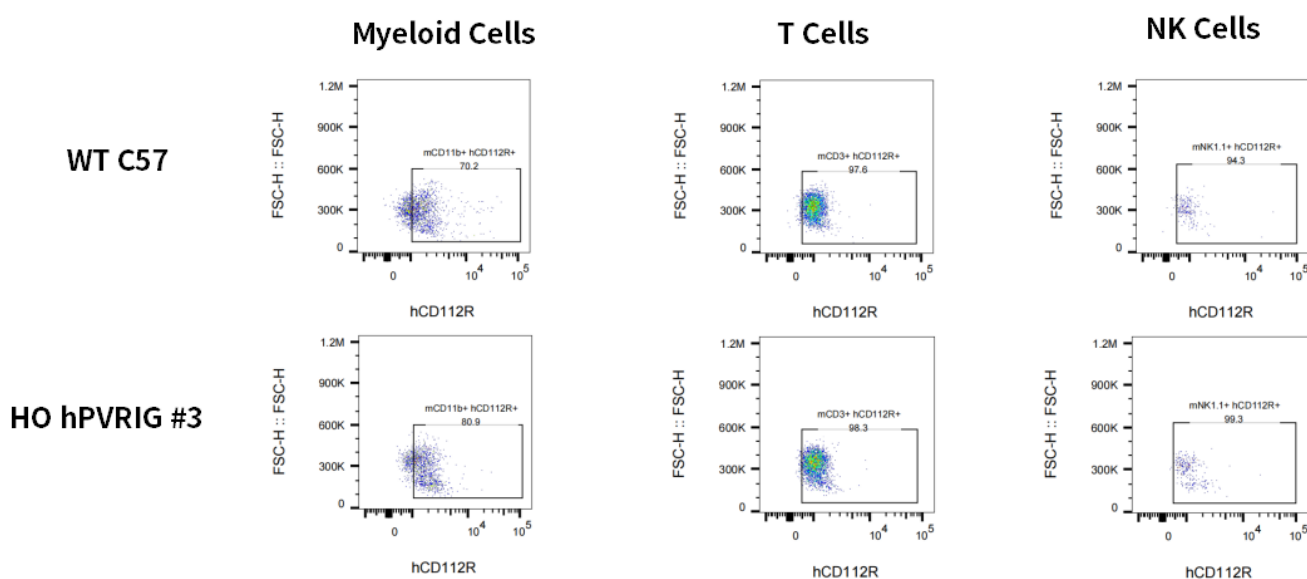


Fig4. Detection of hPVRIG expression in Blood in hPVRIG KI mice.

Note. The anti-human CD112R (PVRIG) Antibody cross-reacted with mPVRIG and humanized PVRIG.