

# hFCGR1A

<b>Nomenclature</b>	C57BL/6Smoc- <i>Fcgr1</i> <sup>tm3(hFCGR1A)/Smoc</sup>
<b>Cat. NO.</b>	NM-HU-2000072
<b>Strain State</b>	Embryo cryopreservation

## Gene Summary

<b>Gene Symbol</b> Fcgr1	<b>Synonyms</b>	CD64; IGGHAFc; AI323638; AV092959; FcgammaRI
	<b>NCBI ID</b>	<a href="#">14129</a>
	<b>MGI ID</b>	<a href="#">95498</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000015947</a>
	<b>Human Ortholog</b>	FCGR1

## Model Description

The endogenous mouse *Fcgr1* gene was replaced by human FCGR1A gene.

**Research Application:** Immunotherapy, drug screening

\*Literature published using this strain should indicate: hFCGR1A mice (Cat. NO. NM-HU-2000072) were purchased from Shanghai Model Organisms Center, Inc..

## Validation Data

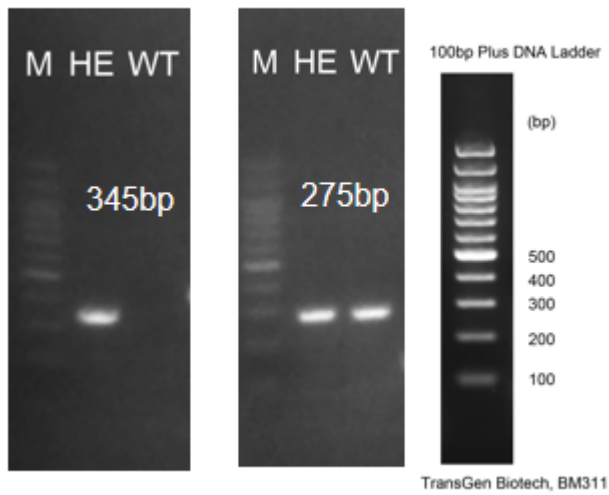


Fig1. Detection of FCGR1A expression in liver by RT-PCR. Wild type: only one band at 275 bp with primers F1/R1(mFcgr1a); Heterozygous: one band at 275 bp with primers F1/R1(mFcgr1a) and one band at 345 bp with primers F2/R2(hFCGR1A); Abbr.. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.