

hFCGR1A

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

Gene Summary

Gene Symbol Fcgr1	Synonyms	CD64; IGGHAFC; AI323638; AV092959; FcgammaRI
	NCBI ID	14129
	MGI ID	95498
	Ensembl ID	ENSMUSG00000015947
	Human Ortholog	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

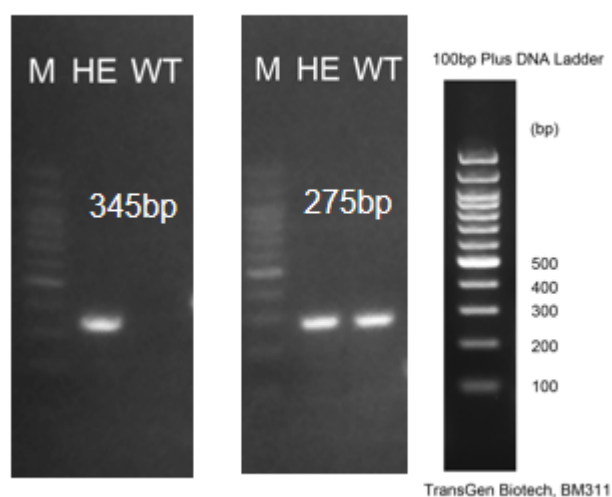


Fig1. Detection of FCGR1A expression in liver by RT-PCR. Wild type: only one band at 275 bp with primers F1/R1(mFcgr1a); Heterozygous: one band at 275 bp with primers F1/R1(mFcgr1a) and one band at 345 bp with primers F2/R2(hFCGR1A); Abbr.. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.