

hGCGR

Nomenclature	C57BL/6Smoc- <i>Gcgr</i> ^{em(hGCGR)Smoc}
Cat. NO.	NM-HU-215004
Strain State	Repository Live

Gene Summary

Gene Symbol Cxcr5	Synonyms	Blr1; Gpcr6; MDR15; CXC-R5; CXCR-5
	NCBI ID	12145
	MGI ID	103567
	Ensembl ID	ENSMUSG00000047880
	Human Ortholog	CXCR5

Model Description

The endogenous mice *Gcgr* gene was replaced by human GCGR gene.

*Literature published using this strain should indicate: hGCGR mice (Cat. NO. NM-HU-215004) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

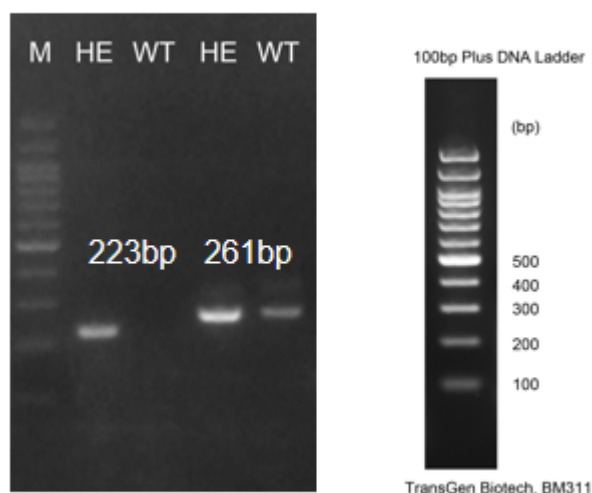


Fig1. Detection of GCGR expression in liver by RT-PCR.

Wild type: only one band at 261 bp with primers F1/R1(mGcgr); Heterozygous: one band at 261 bp with primers F1/R1(mGcgr) and one band at 223 bp with primers F2/R2(hGCGR); Abbr.. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.

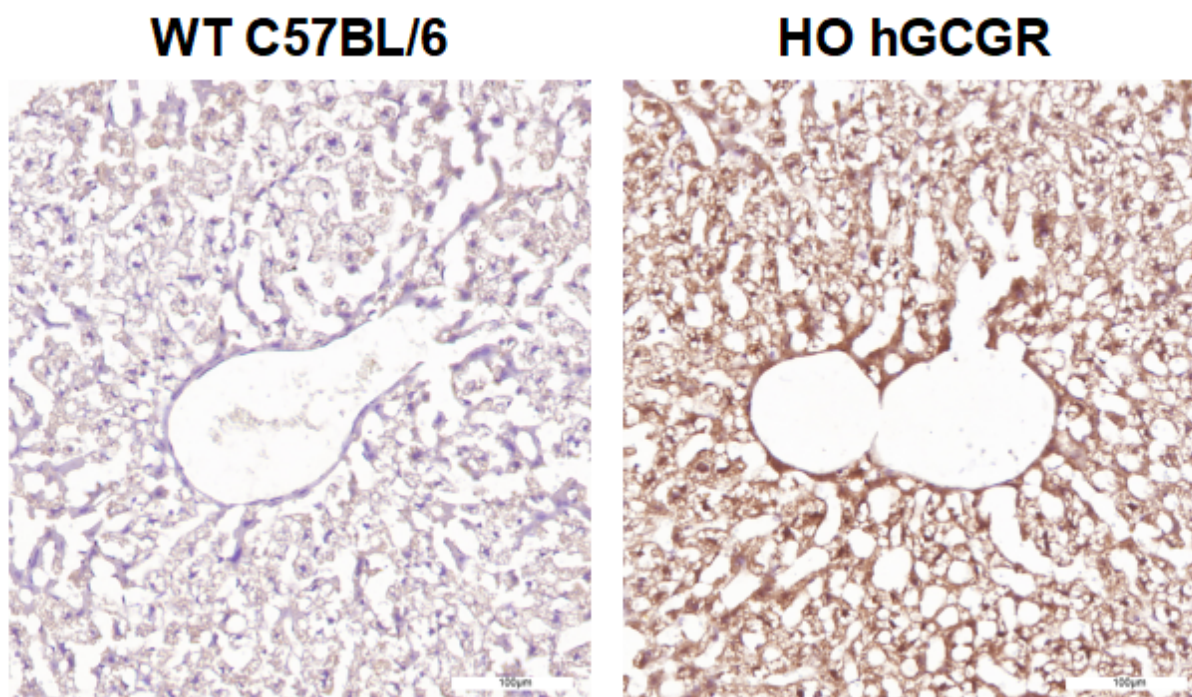


Fig2. Detection of human GCGR expression in liver in hGCGR knockin mice by IHC.

Liver were collected from wild-type mice (+/+) and homozygous hGCGR mice (HO/HO), and analyzed by IHC with anti-human GCGR antibody.