

hGCGR

品系全名	C57BL/6Smoc- <i>Gcgr</i> ^{em(hGCGR)Smoc}
目录号	NM-HU-215004
品系状态	活体

基因信息

基因名 Cxcr5	基因曾用名	GR
	NCBI ID	14527
	MGI ID	99572
	Ensembl ID	ENSMUSG00000025127
	人类同源基因	GCGR

品系描述

利用同源重组，将小鼠*Gcgr*进行人源化修饰。

应用领域：非胰岛素依赖性*Gcgr*相关的高血糖素血症和糖尿病

*使用本品系发表的文献需注明: hGCGR mice (Cat. NO. NM-HU-215004) were purchased from Shanghai Model Organisms Center, Inc..

验证数据

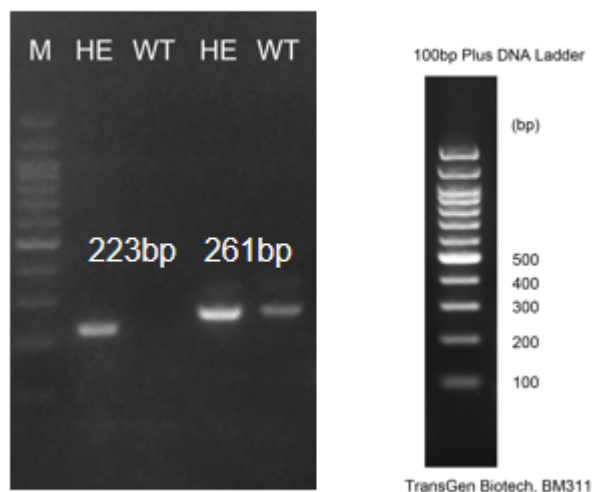


Fig1. Detection of GCGR expression in liver by RT-PCR.

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.

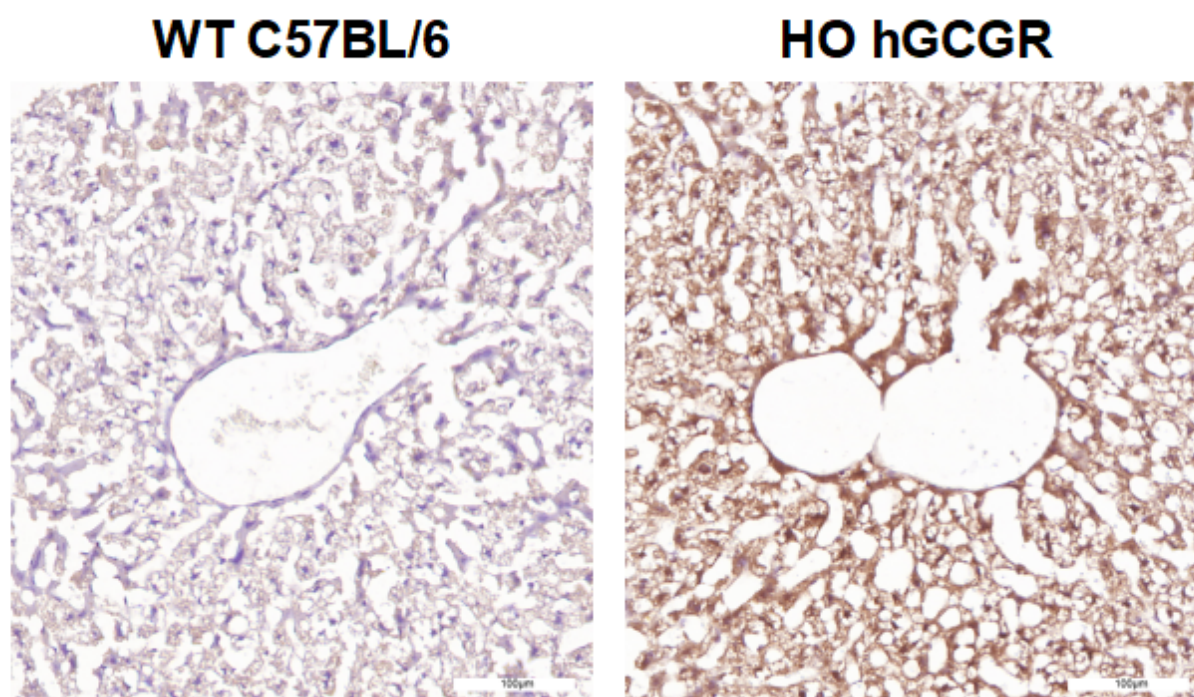


Fig2. Detection of human GCGR expression in liver in hGCGR knockin mice by IHC.

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

