

hFGL1

Nomenclature	C57BL/6Smoc- <i>Fgl1</i> ^{em1(hFGL1)Smoc}
Cat. NO.	NM-HU-225038
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol Fgl1	Synonyms	Mfire1
	NCBI ID	234199
	MGI ID	102795
	Ensembl ID	ENSMUSG00000031594
	Human Ortholog	FGL1

Model Description

The endogenous mouse Fgl1 gene was replaced by human FGL1 gene.

*Literature published using this strain should indicate: hFGL1 mice (Cat. NO. NM-HU-225038) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

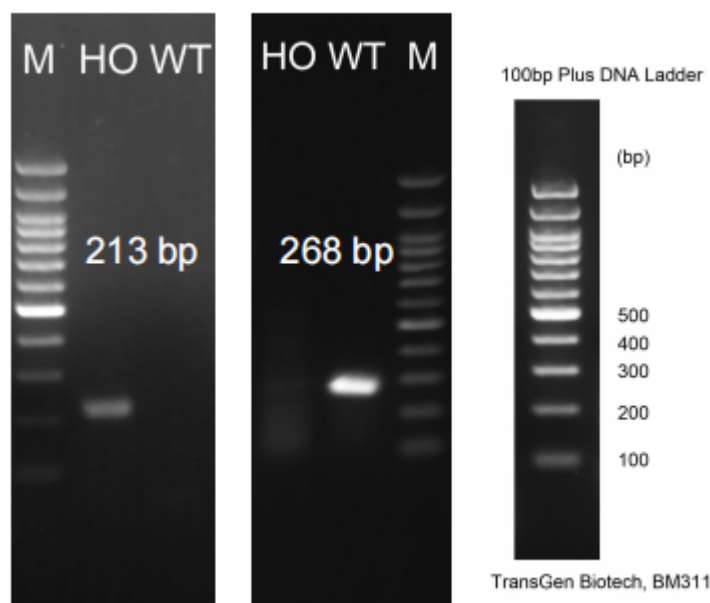


Fig1. Detection of FGL1 expression in liver by RT-PCR.

Wild type: only one band at 268 bp with primers F1/R1(mFgl1); Homozygous: only one band at 213bp with primers F2/R2(hFGL1).

Abbr. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.

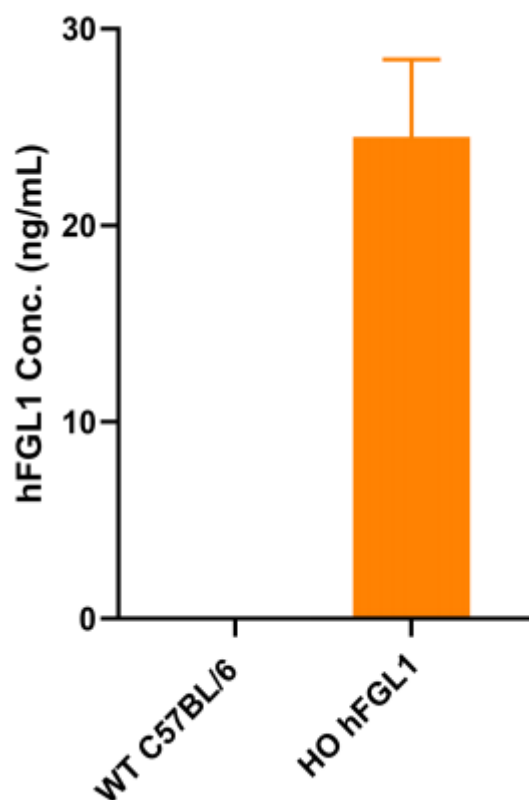


Fig2. Detection of hFGL1 expression in serum by ELISA(n=3).

Abbr. HO, homozygous; HE, heterozygous; WT, wild type.

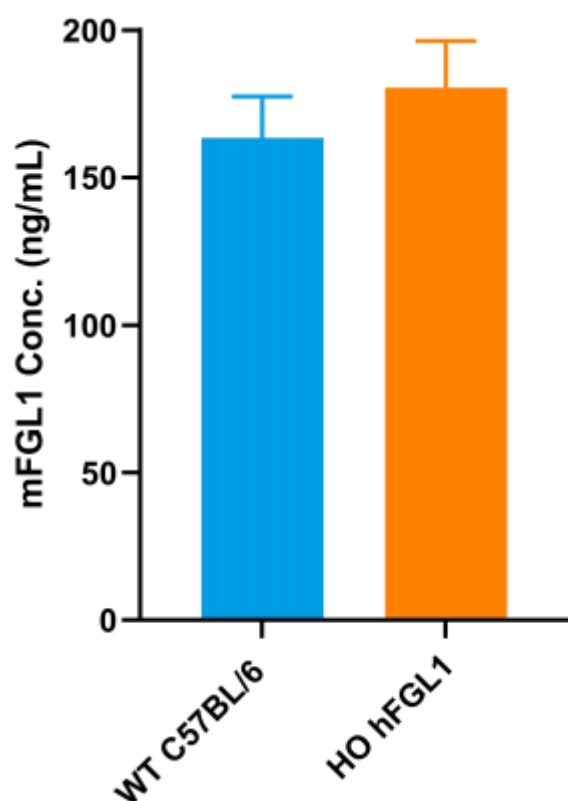


Fig3. Detection of mFGL1 expression in serum by ELISA(n=3).

Note. The mouse FGL1 ELISA kit cross-reacted with mFGL1 and humanized FGL1.

Abbr. HO, homozygous; HE, heterozygous; WT, wild type.