

hF12

品系全名	C57BL/6Smoc- <i>F12</i> ^{tm1(hF12)/Smoc}
目录号	NM-HU-210017
品系状态	活体

基因信息

基因名 F12	基因曾用名	FX, HAF, FXII
	NCBI ID	58992
	MGI ID	1891012
	Ensembl ID	ENSMUSG00000021492
	人类同源基因	F12
	人类同源基因关联疾病	F12缺乏、遗传性血管性水肿、遗传性血管瘤

品系描述

通过同源重组，将小鼠F12基因进行人源化修饰。

应用领域：药物筛选

*使用本品系发表的文献需注明: hF12 mice (Cat. NO. NM-HU-210017) were purchased from Shanghai Model Organisms Center, Inc..

验证数据

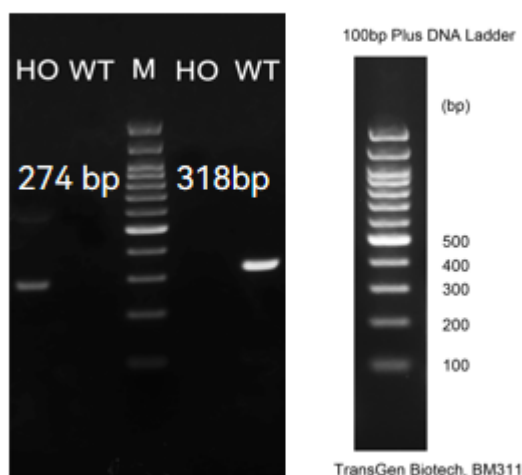


Fig1. Detection of F12 expression in liver by RT-PCR.

Wild type: only one band at 318 bp with primers F1/R1(mF12);Homozygous: only one band at 274 bp with primers F2/R2(hF12);

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

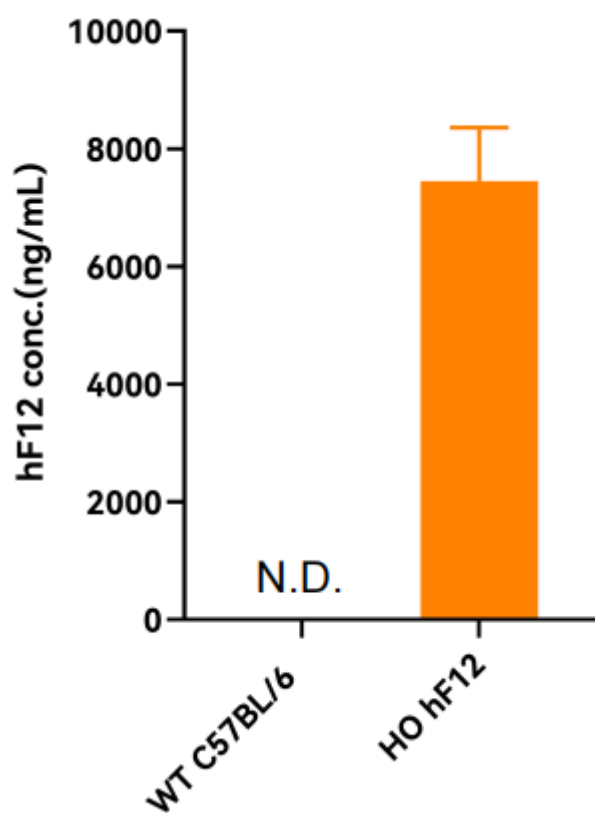


Fig 2. Detection of hF12 expression in serum by ELISA (n=2).

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

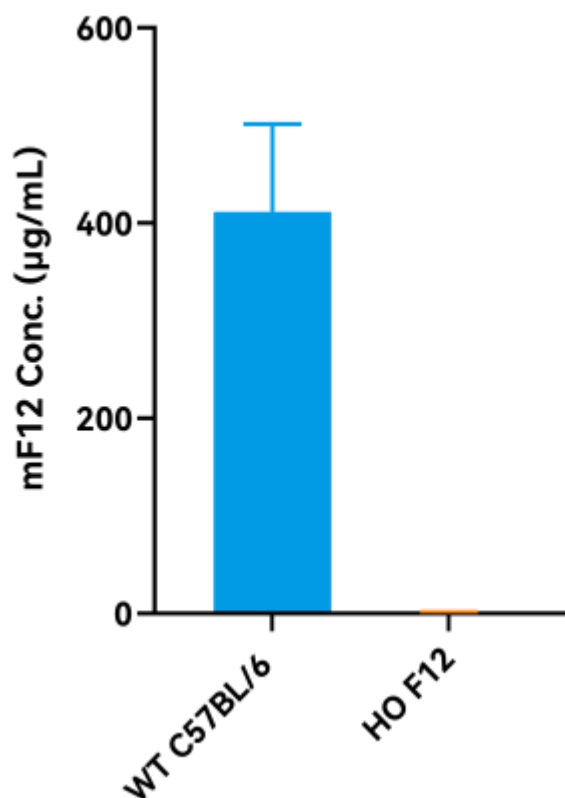


Fig3. Detection of mF12 expression in serum by ELISA (n=2).

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