

hF11

品系全名	C57BL/6Smoc- <i>F11</i> ^{em1(hF11)/Smoc}
目录号	NM-HU-210015
品系状态	活体

基因信息

基因名 F11	基因曾用名	FX, FXI, PTA, Cf11, AI503996, 1600027G01Rik
	NCBI ID	109821
	MGI ID	99481
	Ensembl ID	ENSMUSG00000031645
	人类同源基因	F11
	人类同源基因关联疾病	遗传性因子F11缺乏症、高血压病

品系描述

通过同源重组，将小鼠F11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: hF11 mice (Cat. NO. NM-HU-210015) were purchased from Shanghai Model Organisms Center, Inc..

验证数据

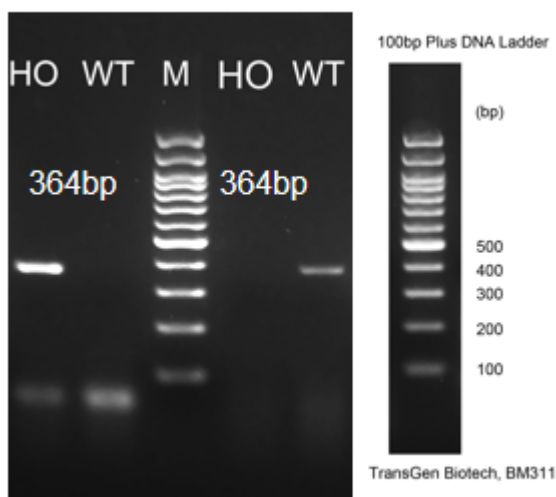


Fig1. Detection of F11 expression in liver by RT-PCR.

Wild type: only one band at 364 bp with primers F1/R1(mF11); Homozygous: only one band at 364 bp with primers F2/R2(hF11); Abbr.. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.

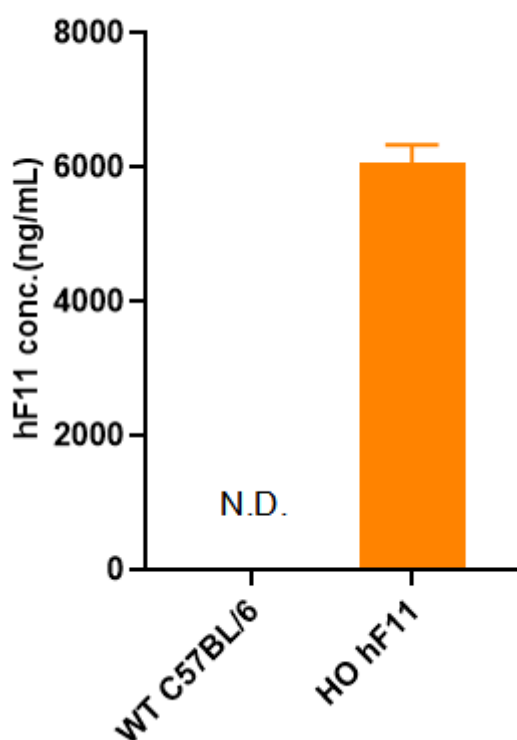


Fig 2. Detection of hF11 expression in plasma by ELISA (RayBiotech, ELH-CoagFXI-1).

Abbr. HO, homozygous; WT, wild type.

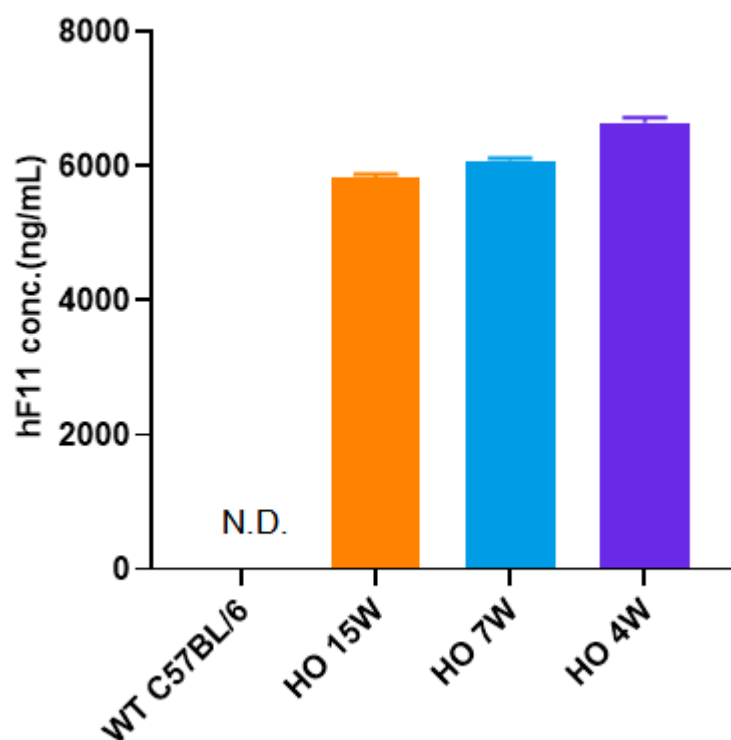


Fig3. Detection of hF11 expression in plasma by ELISA (Abcam, ab108834).

Abbr. HO, homozygous; WT, wild type.

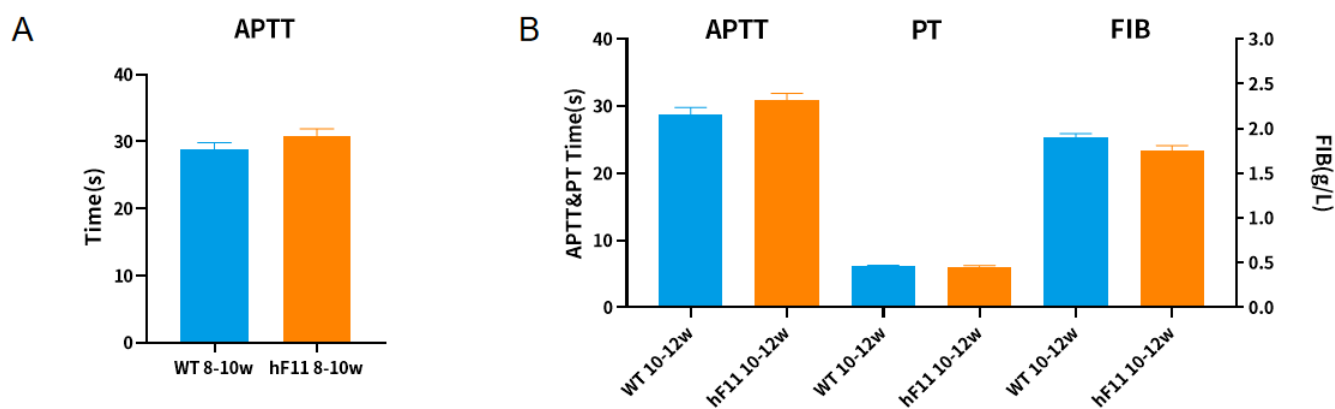


Fig4. Prothrombinogen time (PT), activated partial thromboplastin time (APTT), fibrinogen (FIB) in hF11 mice. A. 8-10 weeks of age; B. 10-12 weeks of age.