

hF11

Nomenclature	C57BL/6Smoc- <i>F11</i> ^{em1(hF11)/Smoc}
Cat. NO.	NM-HU-210015
Strain State	Repository Live

Gene Summary

Gene Symbol F11	Synonyms	FXI; PTA; Cf11; AI503996; 1600027G01Rik
	NCBI ID	109821
	MGI ID	99481
	Ensembl ID	ENSMUSG00000031645
	Human Ortholog	F11

Model Description

The endogenous mice F11 gene was replaced by human F11 gene

Research Application: drug screening

*Literature published using this strain should indicate: hF11 mice (Cat. NO. NM-HU-210015) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

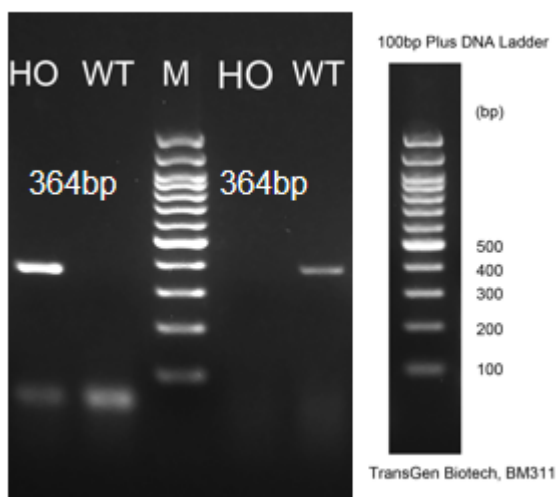


Fig1. Detection of F11 expression in liver by RT-PCR.

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.

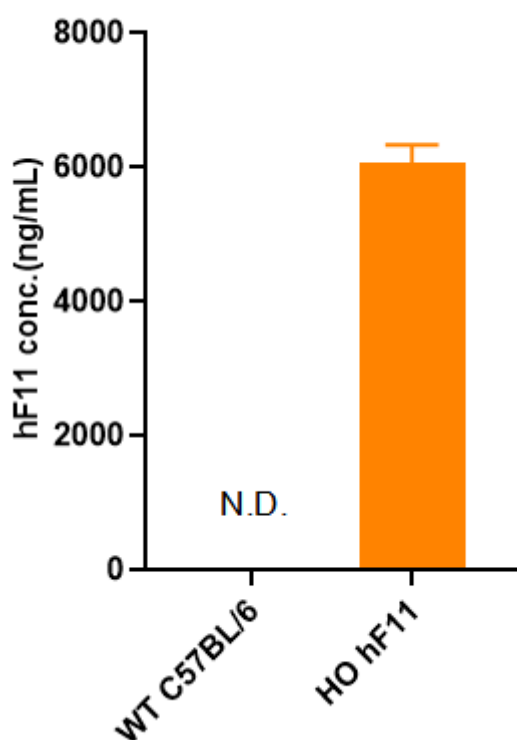


Fig 2. Detection of hF11 expression in plasma by ELISA (RayBiotech, ELH-CoagFXI-1).

Abbr. HO, homozygous; WT, wild type.

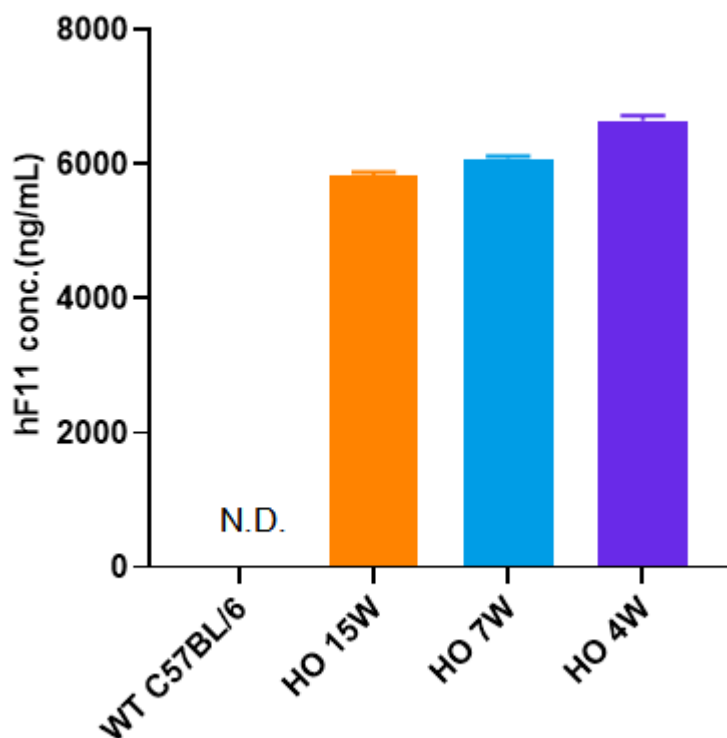


Fig3. Detection of hF11 expression in plasma by ELISA (Abcam, ab108834).

Abbr. HO, homozygous; WT, wild type.

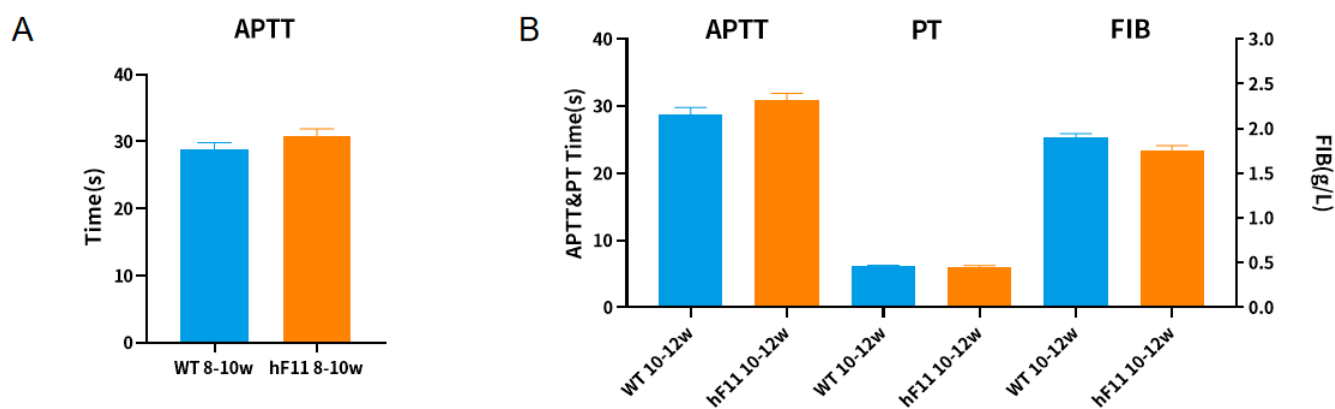


Fig4. Prothrombinogen time (PT), activated partial thromboplastin time (APTT), fibrinogen (FIB) in hF11 mice. A. 8-10 weeks of age; B. 10-12 weeks of age.