

F9-KO(2)

Nomenclature	C57BL/6Smoc- <i>F9</i> ^{em3Smoc}
Cat. NO.	NM-KO-200607
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol F9	Synonyms	Cf9; Cf-9; AW111646
	NCBI ID	14071
	MGI ID	88384
	Ensembl ID	ENSMUSG00000031138
	Human Ortholog	F9

Model Description

F9-KO(2) mice (Stock No.NM-KO-200607) carry a knockout allele derived from the targeted deletion of exon 1-8. While F9-KO mice (Stock No.NM-KO-18046) carrying the exon 8 deletion.

Research Application: Hemophilia B

*Literature published using this strain should indicate: F9-KO(2) mice (Cat. NO. NM-KO-200607) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

hemophilia B	Phenotype(s)	MGI:2175873
	Reference(s)	Wang L, Zoppe M, Hackeng TM, Griffin JH, Lee KF, Verma IM, A factor IX-deficient mouse model for hemophilia B gene therapy. Proc Natl Acad Sci U S A. 1997 Oct 14;94(21):11563-6

Validation Data

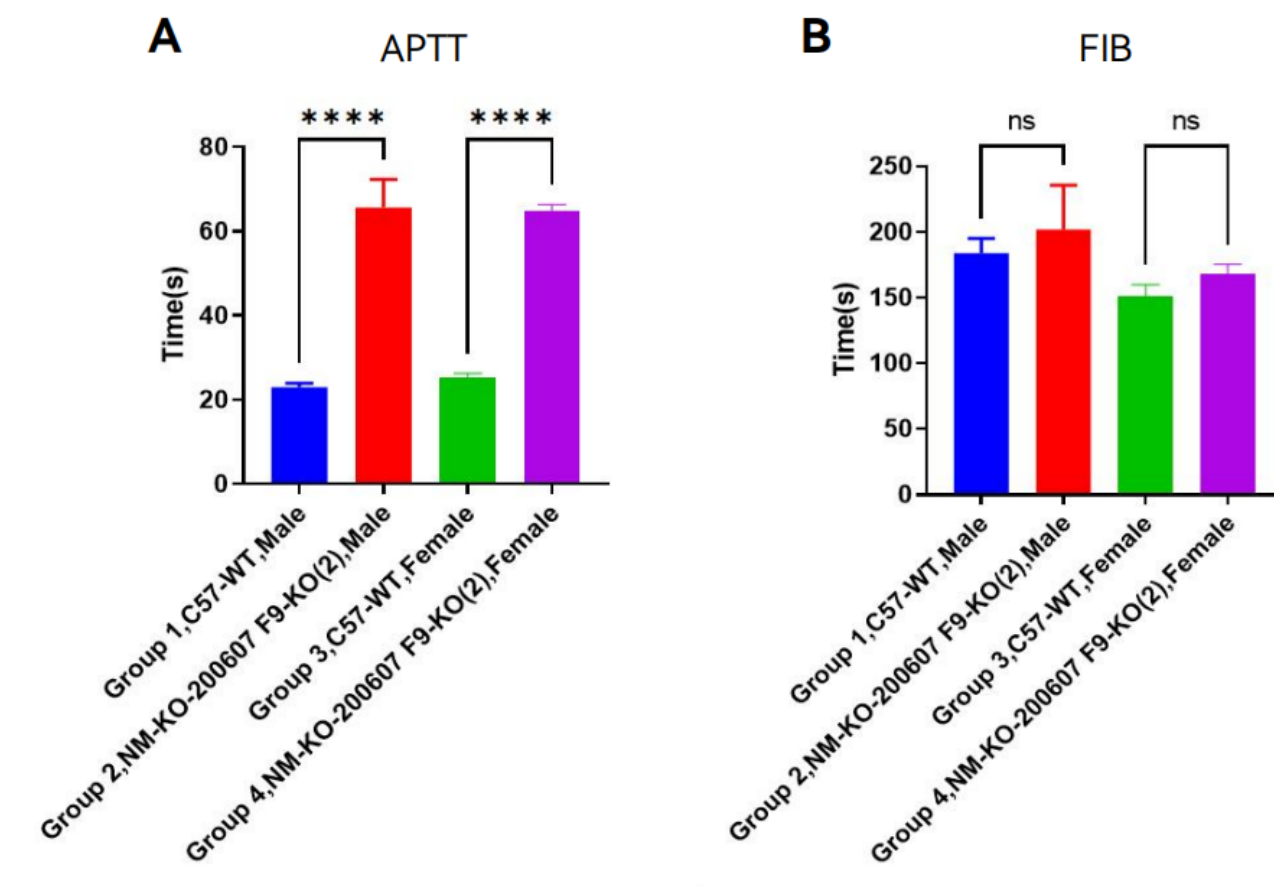


Fig1. Detection of the blood coagulation index in F9-KO(2) mice.

(A) Activated partial thromboplastin time (APTT) assay showed that F9-KO(2) mice took significantly longer to clot than WT mice.

(B) The results of fibrinogen(FIB) detection showed that there was no significant difference in FIB values between F9-KO(2) mice and WT mice.