

## F8-KO(2)

系統名	C57BL/6Smoc- <i>F8</i> <sup>em35moc</sup>
SMOC番号	NM-KO-200608
維持形態	Embryo cryopreservation

### 遺伝子の概要

Gene Symbol F8	Synonyms	Cf8; Cf-8; FVIII
	NCBI ID	<a href="#">14069</a>
	MGI ID	<a href="#">88383</a>
	Ensembl ID	<a href="#">ENSMUSG00000031196</a>
	Human Ortholog	F8

### 説明

F8-KO(2) mice (Stock No.NM-KO-200608) carry a knockout allele derived from the targeted deletion of exon 1-26. While F8-KO mice (Stock No.NM-KO-00012) carrying the exon 16-19 deletion.

**応用分野:** Hemophilia A;HEMA

\*Literature published using this strain should indicate: F8-KO(2) mice (Cat. NO. NM-KO-200608) were purchased from Shanghai Model Organisms Center, Inc..

### 病気の予測

factor VIII deficiency	表現型	<a href="#">MGI:2449544</a>
	参考文献	Bi L, Lawler AM, Antonarakis SE, High KA, Gearhart JD, Kazazian HH Jr, Targeted disruption of the mouse factor VIII gene produces a model of haemophilia A [letter]. Nat Genet. 1995 May;10(1):119-21

### 表現型データ

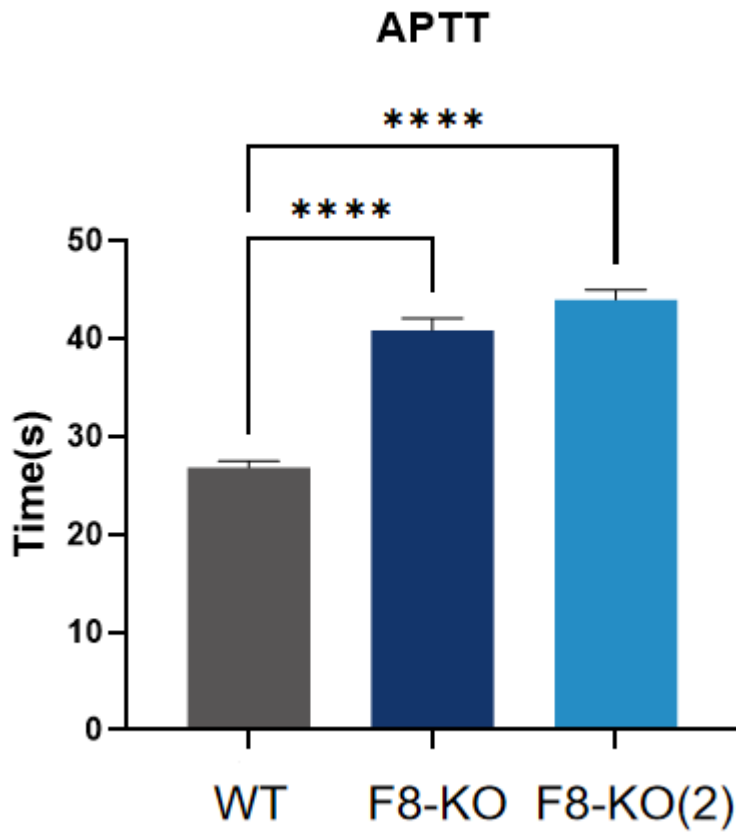


Fig1. Analysis of activated partial thromboplastin time (APTT) in the F8 knock-out mice. The coagulation time in F8-KO(2) (NM-KO-200608) was significantly longer than wild-type, and there was no obvious difference in coagulation time between F8-KO (NM-KO-00012) and F8-KO(2) (NM-KO-200608).