

# hDPP4

系統名	C57BL/6Smoc- <i>Dpp4</i> <sup>em1(DPP4)Smoc</sup>
SMOC番号	NM-HU-190042
維持形態	Repository Live

## 遺伝子の概要

Gene Symbol Dpp4	<b>Synonyms</b>	Cd26; THAM; Dpp-4
	<b>NCBI ID</b>	<a href="#">13482</a>
	<b>MGI ID</b>	<a href="#">94919</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000035000</a>
	<b>Human Ortholog</b>	DPP4

## 説明

The endogenous mouse *Dpp4* gene was replaced by human DPP4 gene.

**応用分野:** MERS infection research

\*Literature published using this strain should indicate: hDPP4 mice (Cat. NO. NM-HU-190042) were purchased from Shanghai Model Organisms Center, Inc..

## 表現型データ

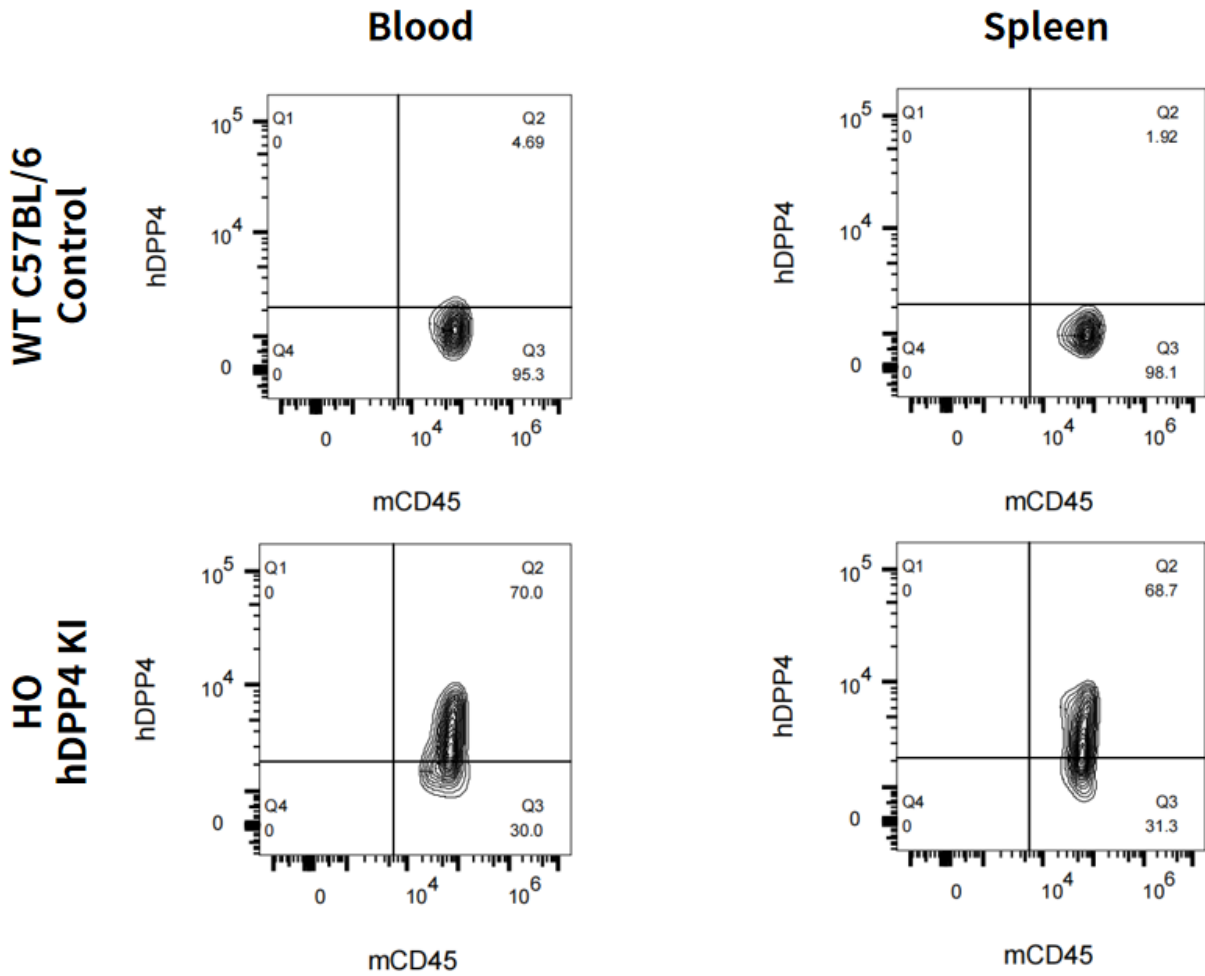


Fig1. Detection of hDPP4 (CD26) expression in HO hDPP4 KI mice by FACS.

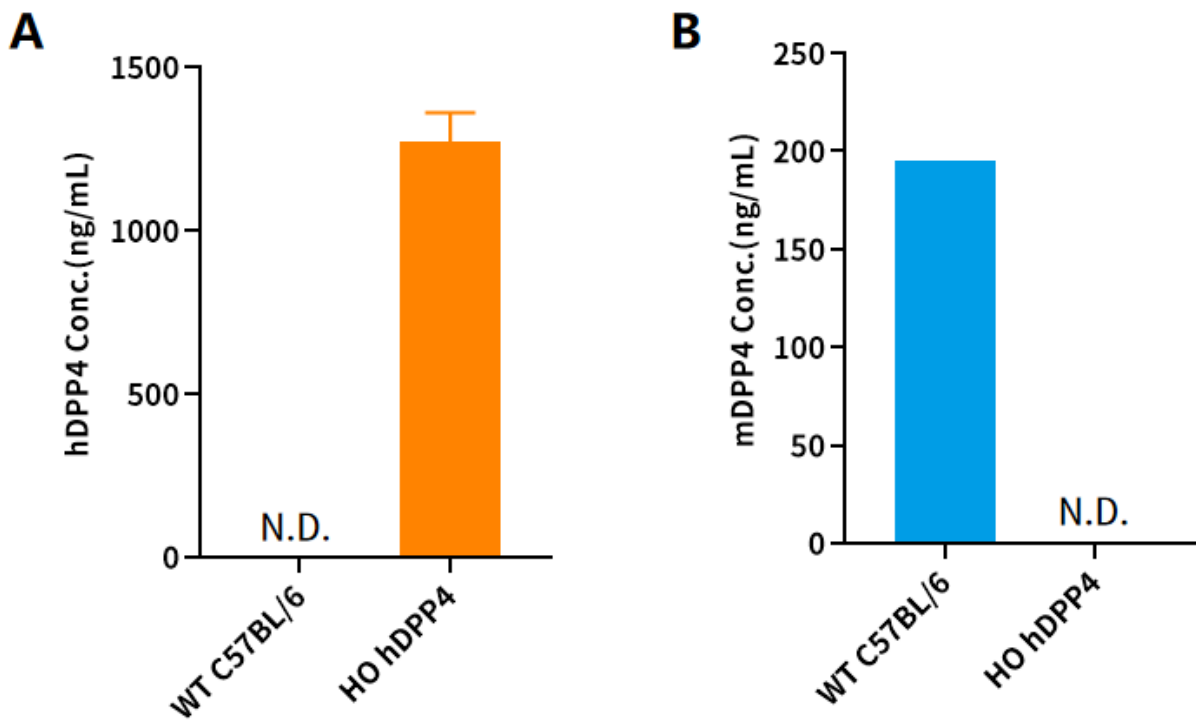


Fig2. Detection of human DPP4 (A) and mouse DPP4 (B) expression in plasma by ELISA (n=3).

Abbr. HO, homozygous; WT, wild type.

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## 出版物

[Isolation and characterization of a pangolin-borne HKU4-related coronavirus that potentially infects human-DPP4-transgenic mice](#)

References: Nature Communications