

Pah-R261Q

系統名	C57BL/6Smoc- <i>Pah</i> ^{em(R261Q)Smoc}
SMOC番号	NM-KI-225102
維持形態	Sperm cryopreservation

遺伝子の概要

Gene Symbol Pah	Synonyms	AW106920
	NCBI ID	18478
	MGI ID	97473
	Ensembl ID	ENSMUSG00000020051
	Human Ortholog	PAH

説明

These mice carry a R261Q mutation of Pah gene.

*Literature published using this strain should indicate: Pah-R261Q mice (Cat. NO. NM-KI-225102) were purchased from Shanghai Model Organisms Center, Inc..

表現型データ

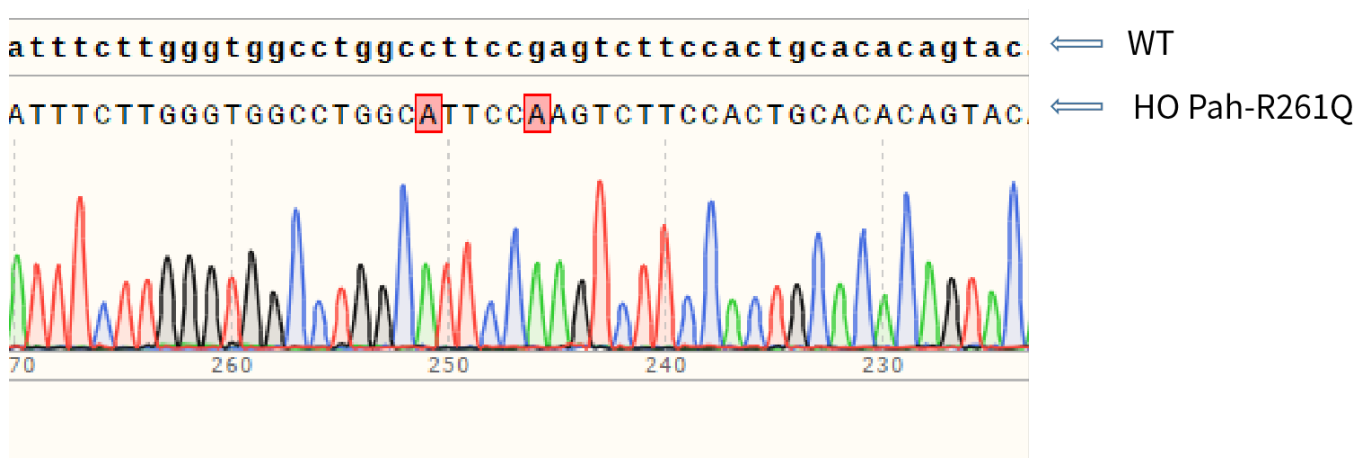


Fig1. Sequencing results of the *Pah* locus in the wild type and homozygous Pah-R261Q mice.



Fig2. 5-months-old hom Pah-R261Q mice were no different from their heterozygote counterparts and WT C57BL/6 mice in length and pigmentation.

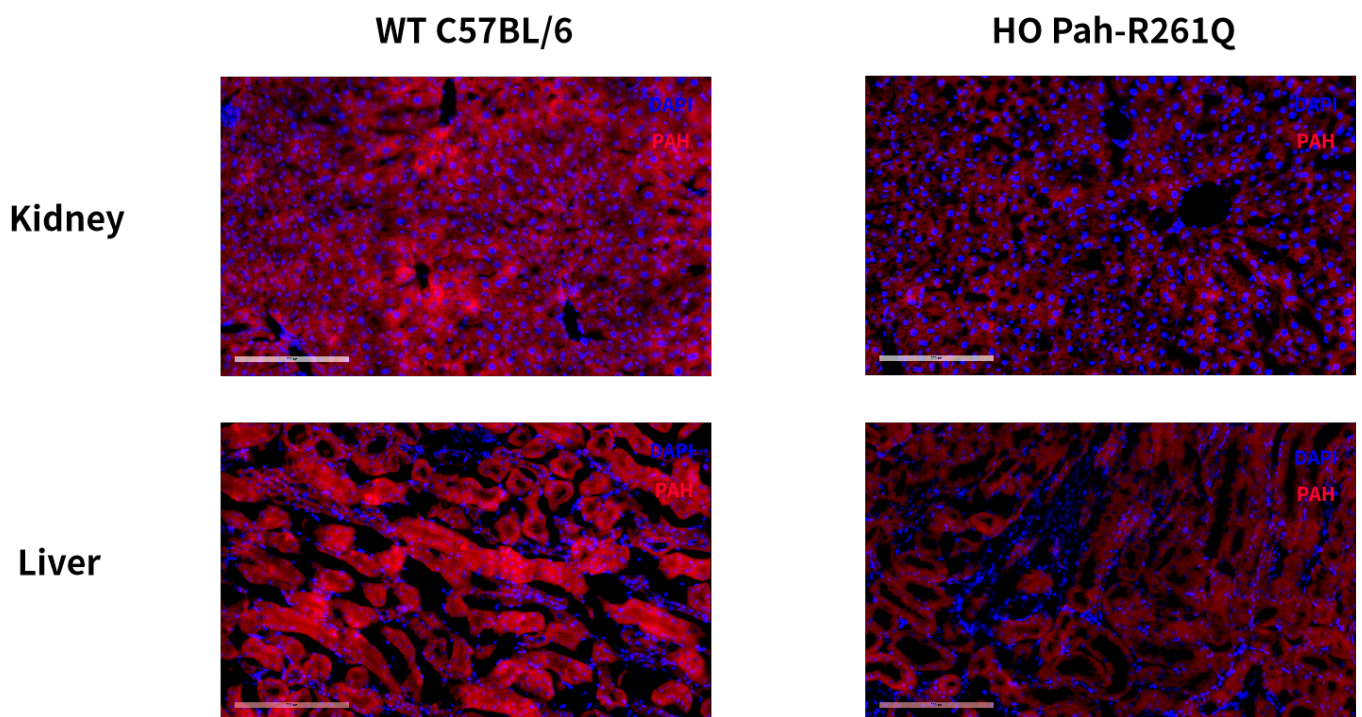


Fig3. Detection of PAH expression in kidney and liver in Pah-R261Q mice.

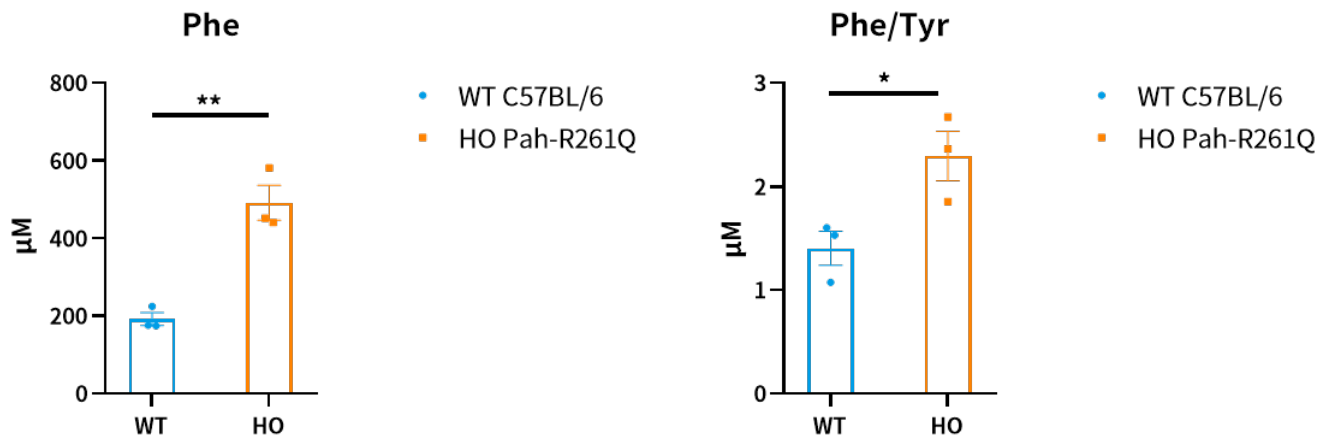


Fig4. Detection of blood serum concentrations of the metabolites in Pah-R261Q mice by LC-MS



Table1. Detection of blood serum concentrations of the metabolites in Pah-R261Q mice