

hAXL

系統名	C57BL/6Smoc-Axl ^{tm1(hAXL)Smoc}
SMOC番号	NM-HU-215067
維持形態	Embryo cryopreservation

遺伝子の概要

Gene Symbol AXL	Synonyms	ARK; UFO; JTK11; Tyro7
	NCBI ID	558
	MGI ID	Null
	Ensembl ID	ENSG00000167601
	Human Ortholog	AXL

説明

The endogenous mouse Axl gene was replaced by human AXL gene.

*Literature published using this strain should indicate: hAXL mice (Cat. NO. NM-HU-215067) were purchased from Shanghai Model Organisms Center, Inc..

表現型データ

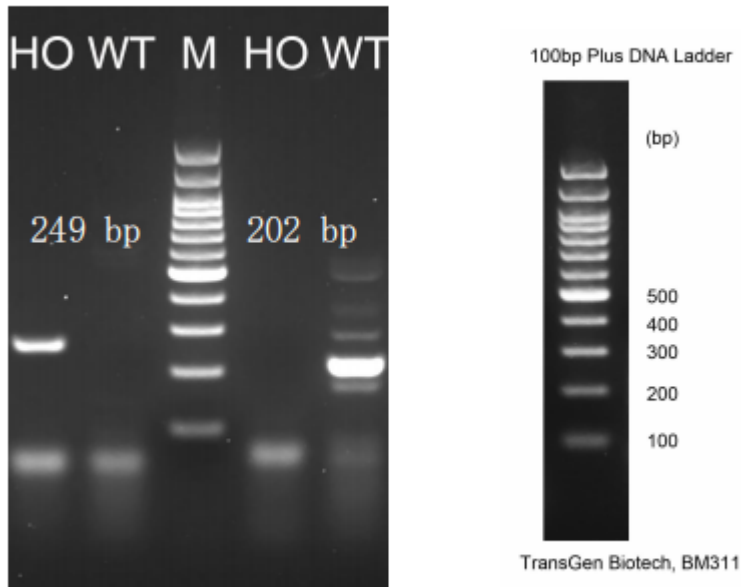


Fig1. Detection of AXL expression in lung and spleen by RT-PCR.

Wild type: only one band at 202 bp with primers F1/R1(mAxl); Homozygous: only one band at 249 bp with primers F2/R2(hAXL). Abbr. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.

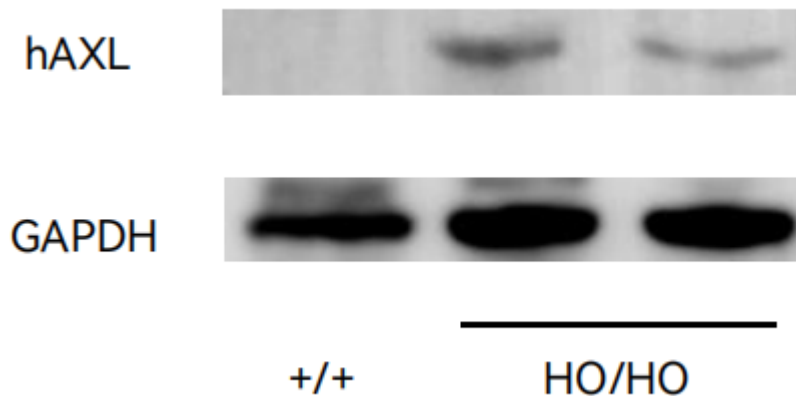


Fig2. Detection of human AXL expression in liver in hAXL knockin mice by WB.

Livers were collected from wild-type mice (+/+) and homozygous hAXL mice (HO/HO), and analyzed by western blot with anti-AXL antibody. Abbr. HO/HO, homozygous; +/+, wild type.