

# hAXL

<b>Nomenclature</b>	C57BL/6Smoc-Axl <sup>tm1(hAXL)Smoc</sup>
<b>Cat. NO.</b>	NM-HU-215067
<b>Strain State</b>	Embryo cryopreservation

## Gene Summary

<b>Gene Symbol</b> <b>AXL</b>	<b>Synonyms</b>	ARK; UFO; JTK11; Tyro7
	<b>NCBI ID</b>	<a href="#">558</a>
	<b>MGI ID</b>	Null
	<b>Ensembl ID</b>	<a href="#">ENSG00000167601</a>
	<b>Human Ortholog</b>	AXL

## Model Description

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..

## Validation Data

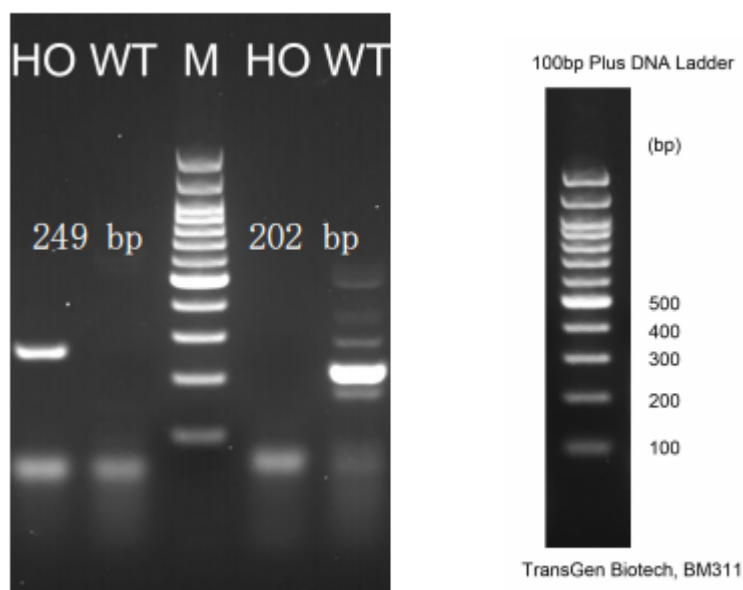


Fig1. Detection of AXL expression in lung and spleen by RT-PCR.

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.

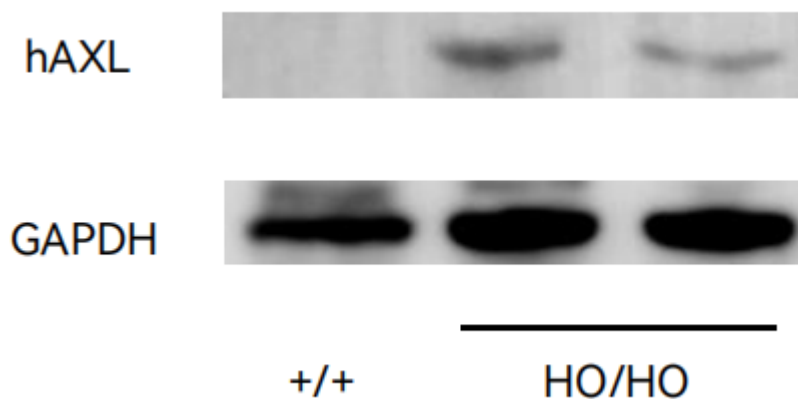


Fig2. Detection of human AXL expression in liver in hAXL knockin mice by WB.

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.