

# hIL2RB

<b>Nomenclature</b>	C57BL/6Smoc- <i>Il2rb</i> <sup>tm1(hIL2RB)/Smoc</sup>
<b>Cat. NO.</b>	NM-HU-2000055
<b>Strain State</b>	Embryo cryopreservation

## Gene Summary

<b>Gene Symbol</b> IL2RB	<b>Synonyms</b>	p70; CD122; IL15Rbeta; Il-2Rbeta; IL-15Rbeta; Il-2/15Rbeta
	<b>NCBI ID</b>	<a href="#">16185</a>
	<b>MGI ID</b>	<a href="#">96550</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000068227</a>
	<b>Human Ortholog</b>	IL2RB

## Model Description

The endogenous mouse *Il2rb* gene was replaced by human IL2RB gene.

**Research Application:** Cytokine humanization model; drug screening

\*Literature published using this strain should indicate: hIL2RB mice (Cat. NO. NM-HU-2000055) were purchased from Shanghai Model Organisms Center, Inc..

## Validation Data

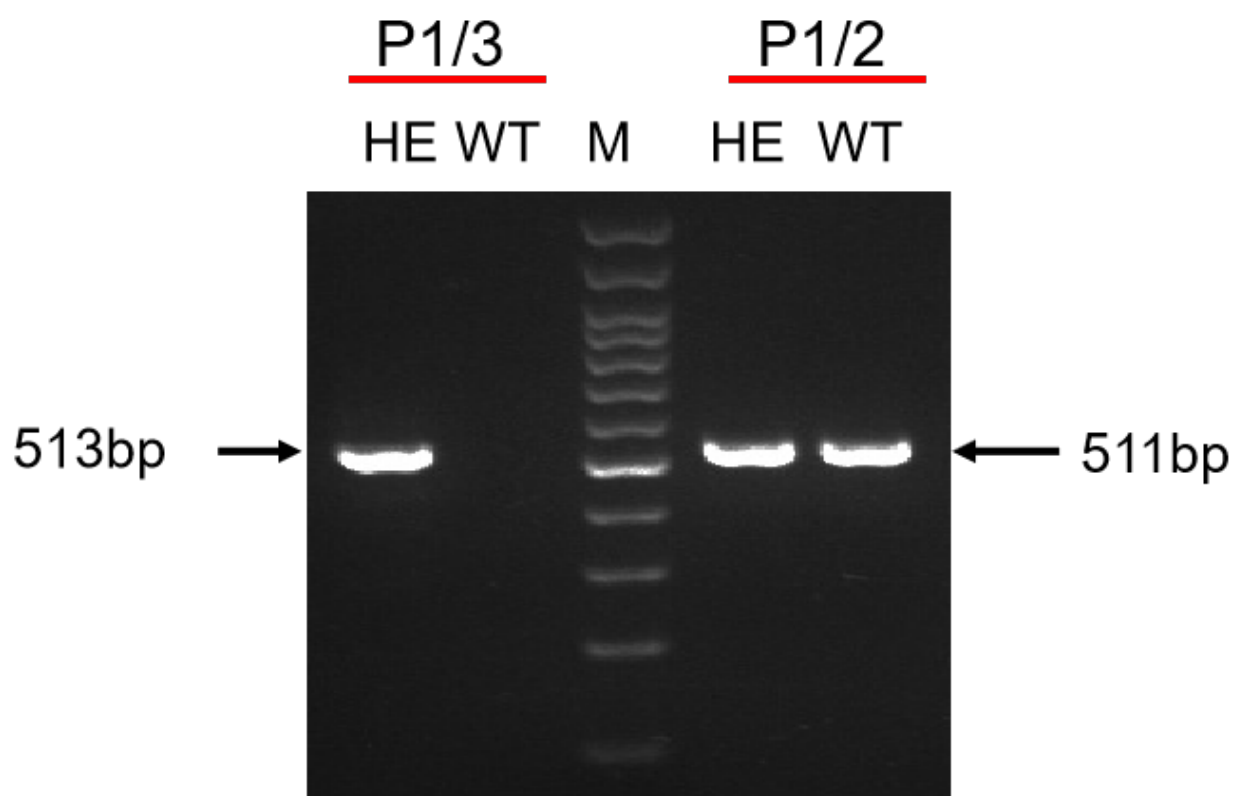


Fig1. Analysis of IL2RB gene expression in the liver by RT-PCR.

Mouse *Il2rb* mRNA was detectable by P1/2(511bp), human IL2RB mRNA was detectable by P1/3(513bp),

M:100bp Plus DNA ladder from Transgen (BM311). The heterozygous KI mouse expresses both human IL2RB and mouse *Il2rb* in the liver.