

# hIL10

<b>Nomenclature</b>	C57BL/6Smoc- <i>Il10</i> <sup>tm4(hIL10)/Smoc</sup>
<b>Cat. NO.</b>	NM-HU-2000063
<b>Strain State</b>	Embryo cryopreservation

## Gene Summary

<b>Gene Symbol</b> Il10	<b>Synonyms</b>	CSIF; IL-10
	<b>NCBI ID</b>	<a href="#">16153</a>
	<b>MGI ID</b>	<a href="#">96537</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000016529</a>
	<b>Human Ortholog</b>	IL10

## Model Description

The endogenous mouse Il10 gene was replaced by human IL10 gene.

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

\*Literature published using this strain should indicate: hIL10 mice (Cat. NO. NM-HU-2000063) were purchased from Shanghai Model Organisms Center, Inc..

## Validation Data

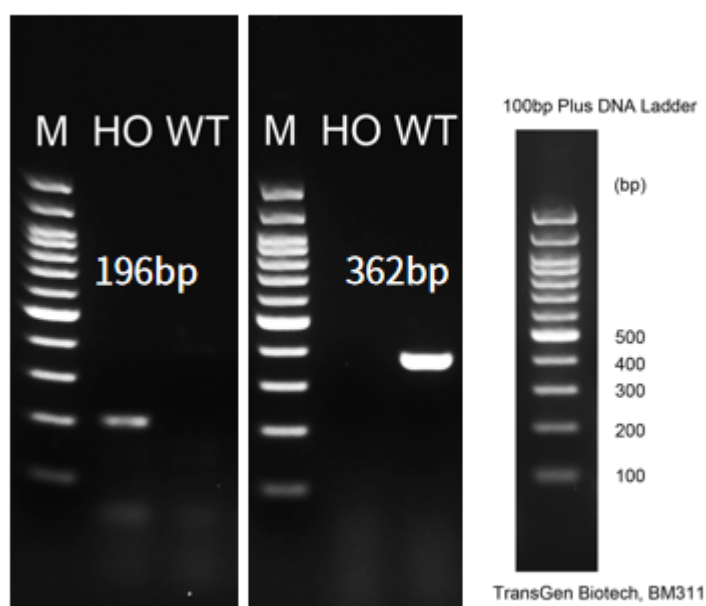


Fig1. Detection of IL10 expression in bladder by RT-PCR.

Wild type: only one band at 362 bp with primers F1/R1(mIL10);

Homozygous: only one band at 196 bp with primers F2/R2(hIL10).

Abbr. M, DNA marker; HO, homozygous; WT, wild type.

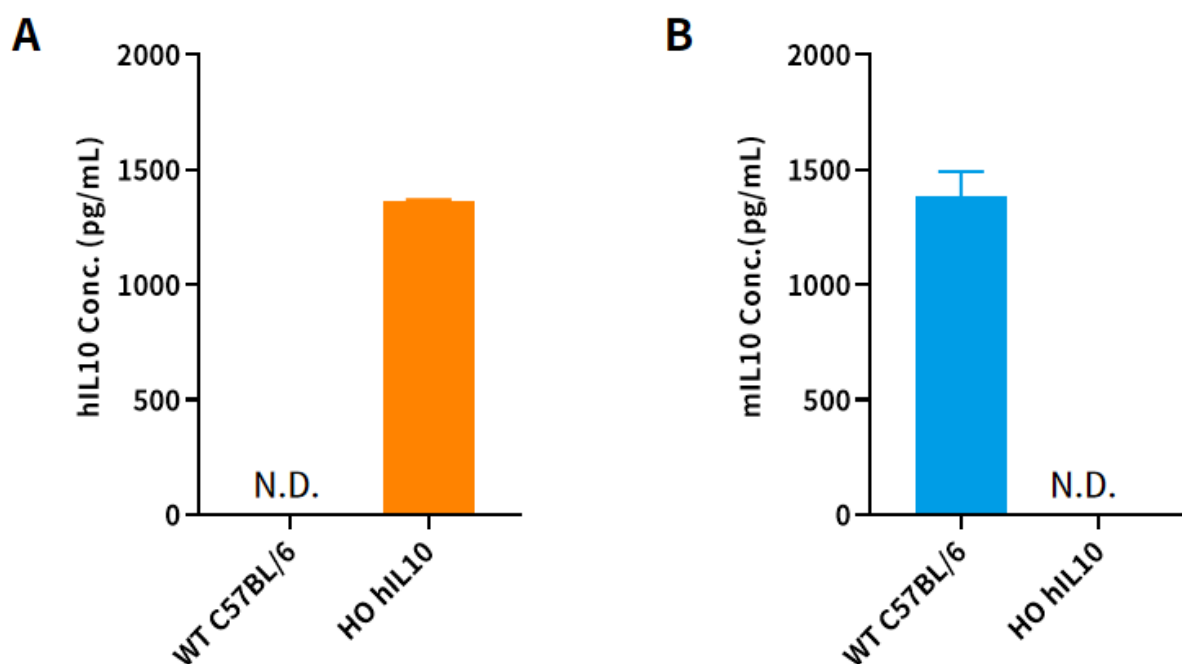


Fig2. Detection of human and mouse IL10 expression in serum by ELISA (n=2).

Abbr. HO, homozygous; WT, wild type.

Note. hIL10 and C57BL/6 mice were i.p. injected with LPS for 2h.

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