

## hIL10

Nomenclature C57BL/6Smoc-/l10<sup>tm4(hlL10)/Smoc</sup>

**Cat. NO.** NM-HU-2000063

**Strain State** Embryo cryopreservation

## **Gene Summary**

| Gene Symbol<br>Il10 | Synonyms       | CSIF; Il-10        |
|---------------------|----------------|--------------------|
|                     | NCBI ID        | <u>16153</u>       |
|                     | MGI ID         | <u>96537</u>       |
|                     | Ensembl ID     | ENSMUSG00000016529 |
|                     | Human Ortholog | 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**



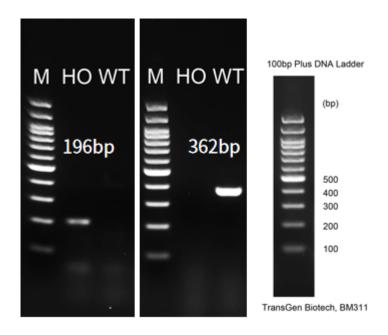


Fig1. Detection of IL10 expression in bladder by RT-PCR.

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.

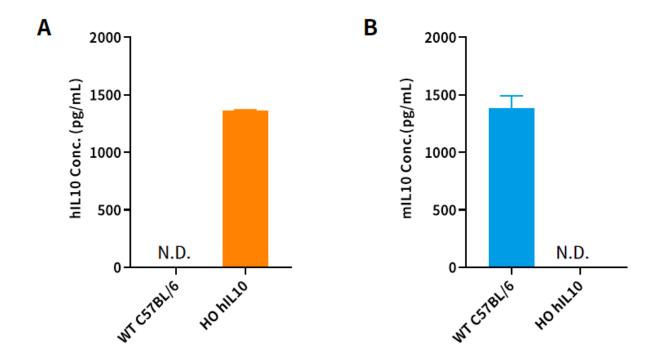


Fig2. Detection of human and mouse IL10 expression in serum by ELISA (n=2).

Abbr. HO, homozygous; WT, wild type.



|  | MODEL ORGANISMS |
|--|-----------------|
| Note. hlL10 and C57BL/6 mice were i.p. injected with LPS for 2h. |                 |
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