

hIL10

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

Gene Summary

Gene Symbol Il10	Synonyms	CSIF; IL-10
	NCBI ID	16153
	MGI ID	96537
	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

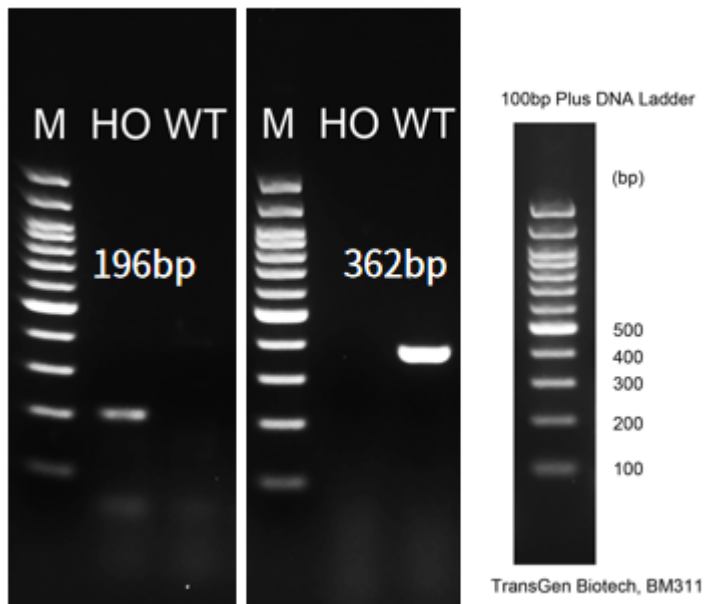


Fig1. Detection of IL10 expression in bladder by RT-PCR.

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.

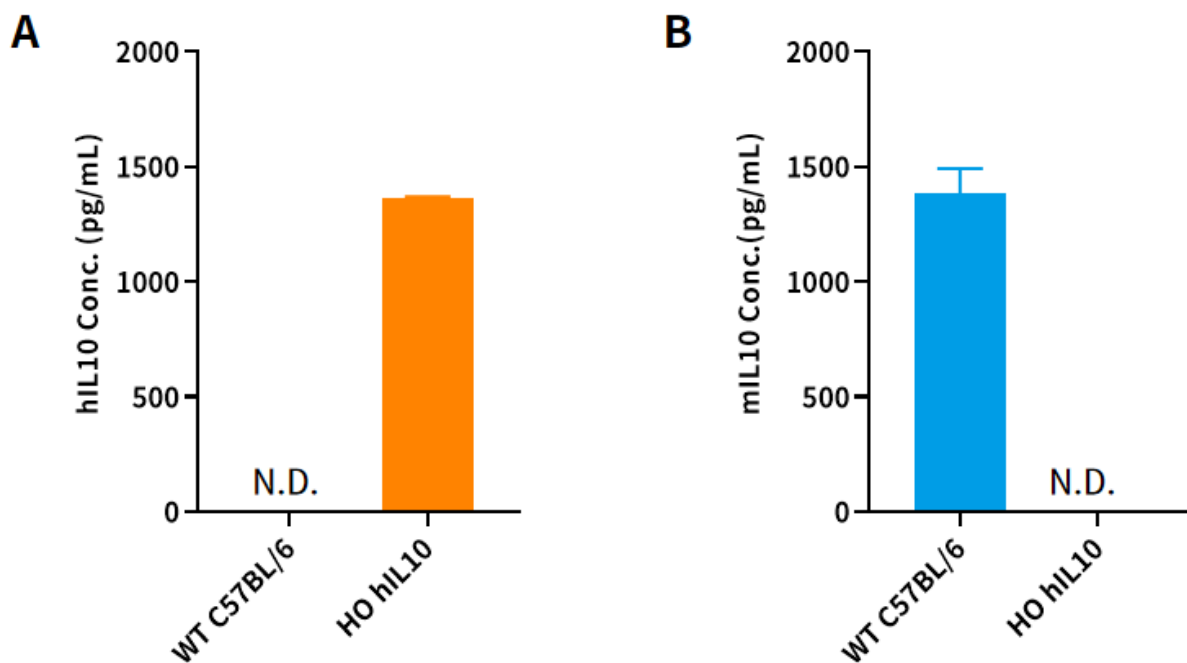


Fig2. Detection of human and mouse IL10 expression in serum by ELISA (n=2).

Abbr. HO, homozygous; WT, wild type.

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