

hIL18

Nomenclature	C57BL/6Smoc- <i>Il18</i> ^{tm1(hIL18)Smoc}
Cat. NO.	NM-HU-210038
Strain State	Repository Live

Gene Summary

Gene Symbol Il18	Synonyms	Ig1f; IL-18
	NCBI ID	16173
	MGI ID	107936
	Ensembl ID	ENSMUSG00000039217
	Human Ortholog	IL18

Model Description

The endogenous mice Il18 gene was replaced by human IL18 gene.

Research Application: immune therapy; drug screening

*Literature published using this strain should indicate: hIL18 mice (Cat. NO. NM-HU-210038) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

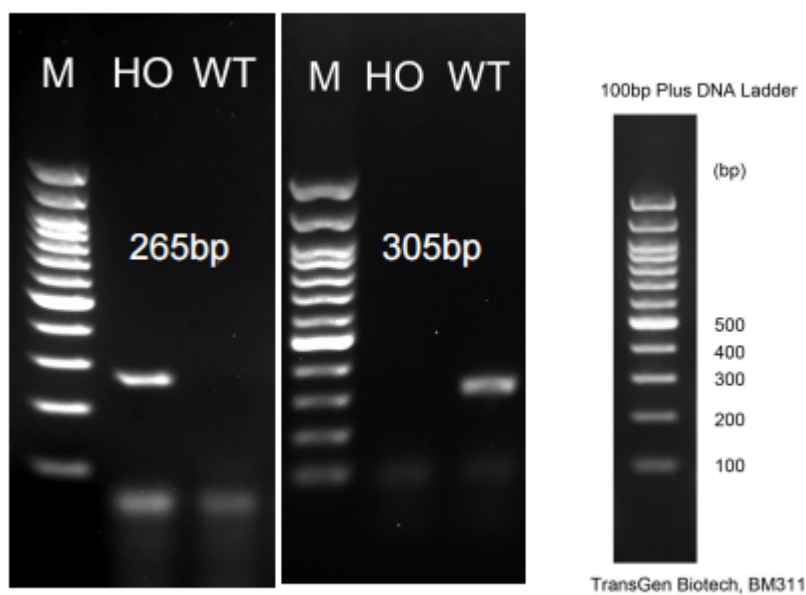


Fig1. Detection of IL18 expression in intestine, colon and spleen by RT-PCR.

Wild type: only one band at 305 bp with primers F1/R1 (ml18); Homozygous: only one band at 265 bp with primers F2/R2 (hIL18).

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

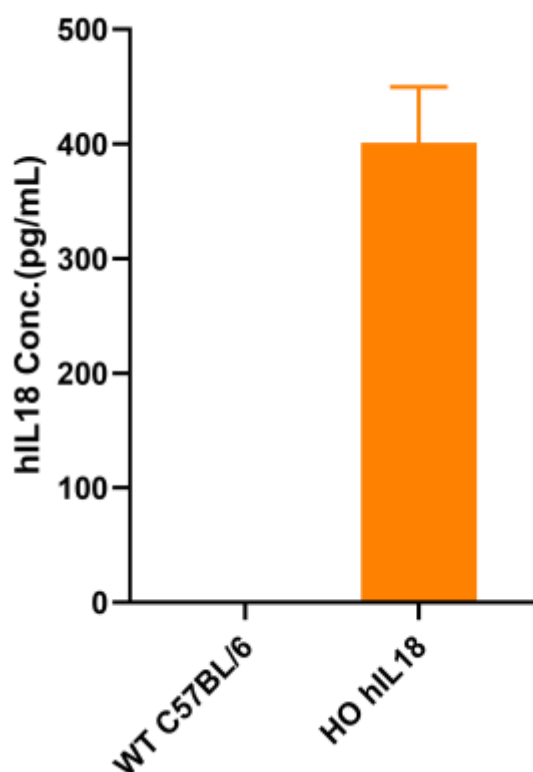


Fig2. Detection of hIL18 expression in serum by ELISA (n=3).

Abbr. HO, homozygous; HE, heterozygous; WT, wild type.

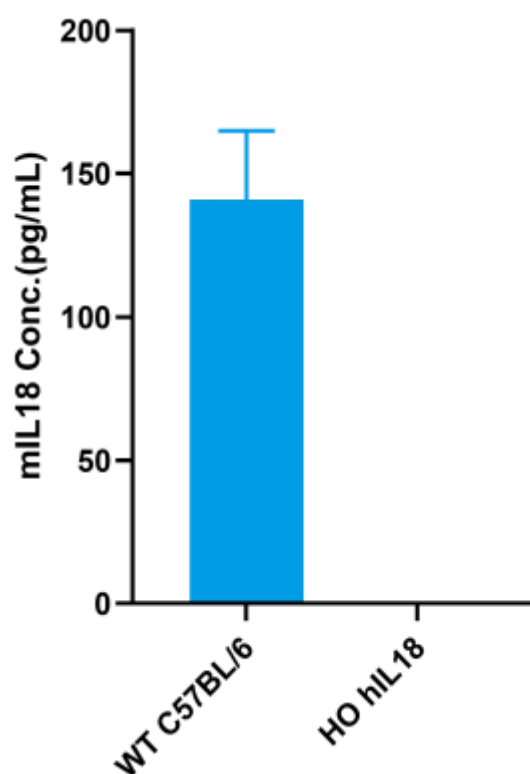


Fig3. Detection of mIL18 expression in serum by ELISA (n=3).

Abbr. HO, homozygous; HE, heterozygous; WT, wild type.