

hIL21

Nomenclature	C57BL/6Smoc- <i>Il21</i> ^{tm1(hIL21)Smoc}
Cat. NO.	NM-HU-200255
Strain State	Repository Live

Gene Summary

Gene Symbol IL21	Synonyms	IL-21
	NCBI ID	60505
	MGI ID	1890474
	Ensembl ID	ENSMUSG00000027718
	Human Ortholog	IL21

Model Description

The endogenous mice Il21 gene was replaced by human IL21 gene.

*Literature published using this strain should indicate: hIL21 mice (Cat. NO. NM-HU-200255) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

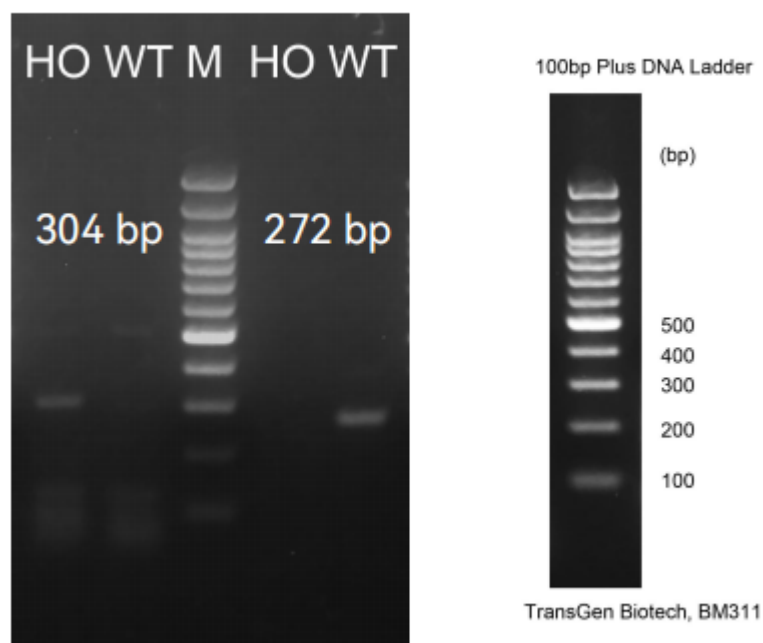


Fig1. Detection of IL21 expression in splenocyte by RT-PCR.

Wild type: only one band at 272 bp with primers F1/R1(mlL21);

Homozygous: only one band at 304 bp with primers F2/R2(hIL21);

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

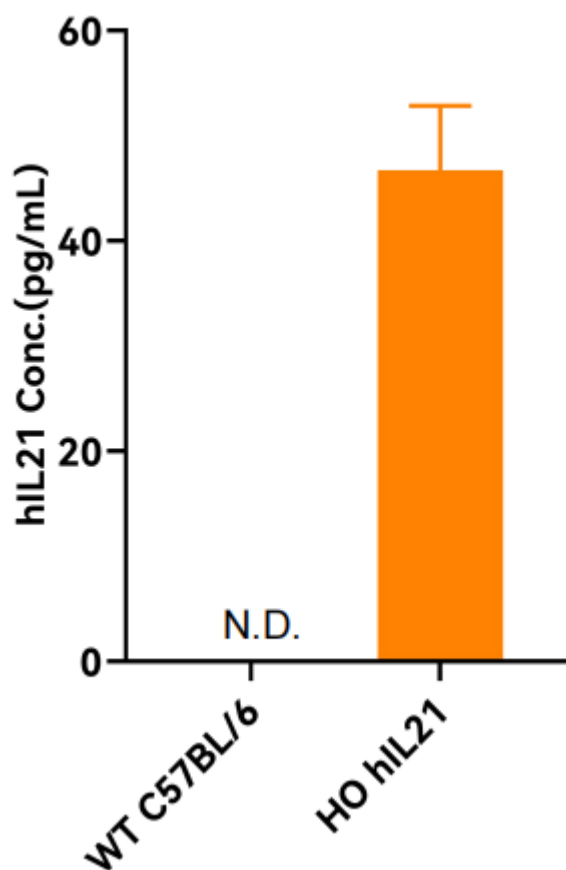


Fig2. Detection of hIL21 expression in splenocyte culture supernatants by ELISA (n=3).

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

Note. hIL21 and C57BL/6 mice were stimulated with ConA in vitro.