

hIL12A

品系全名	C57BL/6Smoc- <i>Il12a</i> ^{tm3(hIL12A)/Smoc}
目录号	NM-HU-2000056
品系状态	胚胎冻存

基因信息

基因名 Il12a	基因曾用名	p35, Ll12a, Il-12a, IL-12p35
	NCBI ID	16159
	MGI ID	96539
	Ensembl ID	ENSMUSG00000027776
	人类同源基因	IL12A
	人类同源基因关联疾病	肝硬化、白塞综合症

品系描述

通过同源重组，将小鼠Il12a基因进行人源化修饰。

应用领域：细胞因子人源化模型；药物筛选

*使用本品系发表的文献需注明: hIL12A mice (Cat. NO. NM-HU-2000056) were purchased from Shanghai Model Organisms Center, Inc..

验证数据

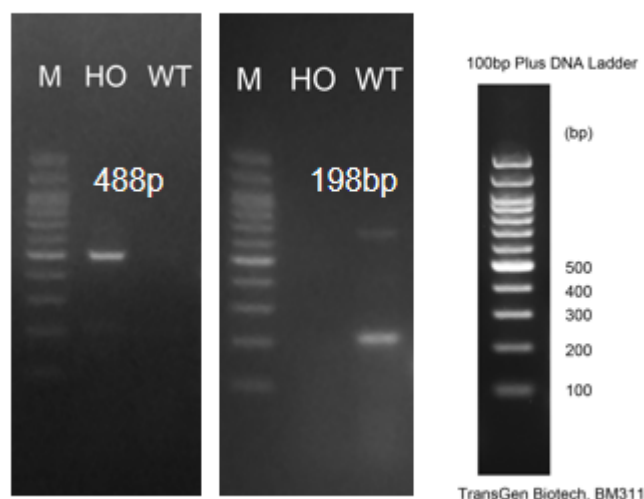


Fig1. Detection of IL12A expression in spleen by RT-PCR.

Wild type: only one band at 198 bp with primers F1/R1(ml12a);

Homozygous: only one band at 488 bp with primers F2/R2(hIL12A);

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

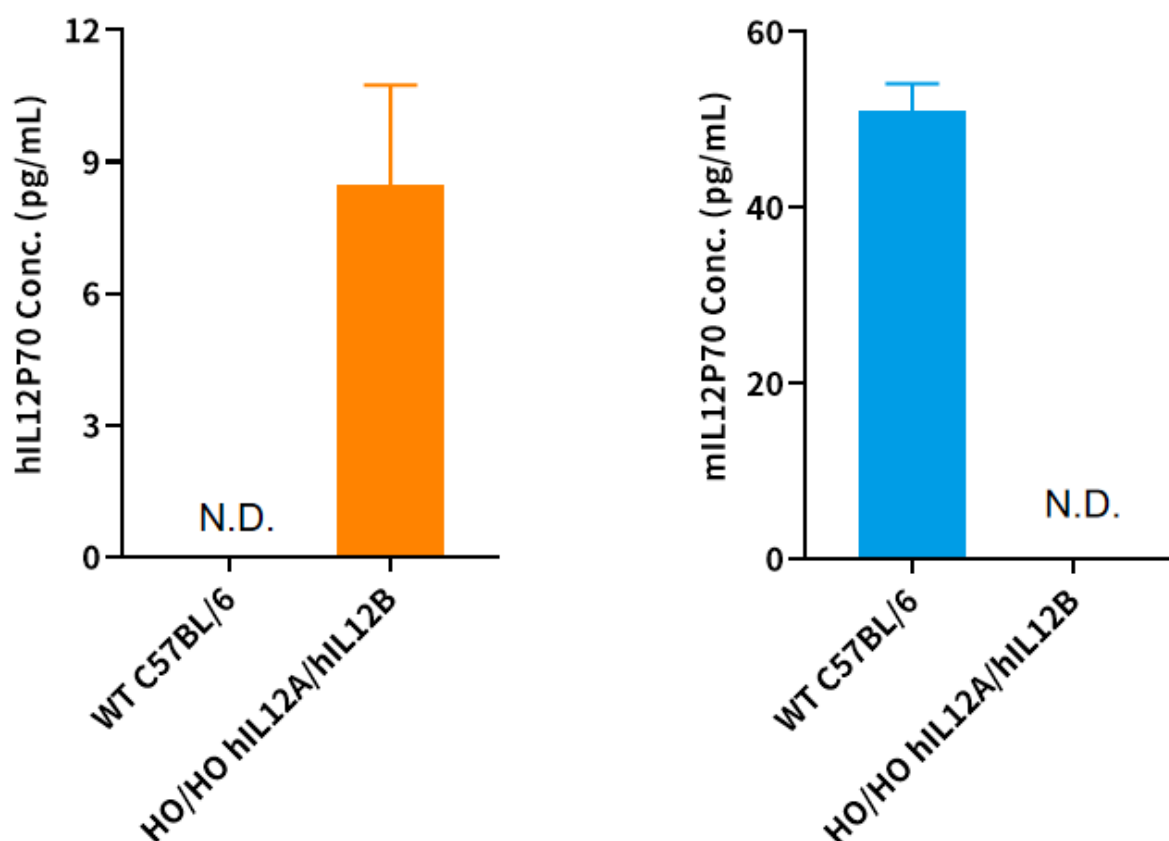


Fig2. Detection of human IL12P70 and mouse IL12P70 expression in serum by ELISA (n=3).

Abbr. HO, homozygous; WT, wild type.

Note. hIL12A/hIL12B and C57BL/6 mice were i.p. injected with LPS for 2h.
