

hIL21/hIL21R

品系全名	C57BL/6Smoc- <i>Il21</i> ^{tm1(hIL21)} / <i>Il21</i> ^{tm1(hIL21R)Smoc}
目录号	NM-HU-220038
品系状态	胚胎冻存

基因信息

基因名 IL21	基因曾用名	IL-21
	NCBI ID	60505
	MGI ID	1890474
	Ensembl ID	ENSMUSG00000027718
	人类同源基因	IL21
基因名 IL21R	基因曾用名	NILR
	NCBI ID	60504
	MGI ID	1890475
	Ensembl ID	ENSMUSG00000030745
	人类同源基因	IL21R

品系描述

通过hIL21(NM-HU-200255)和hIL21R(NM-HU-210031)交配获得。

*使用本品系发表的文献需注明: hIL21/hIL21R mice (Cat. NO. NM-HU-220038) were purchased from Shanghai Model Organisms Center, Inc..

验证数据

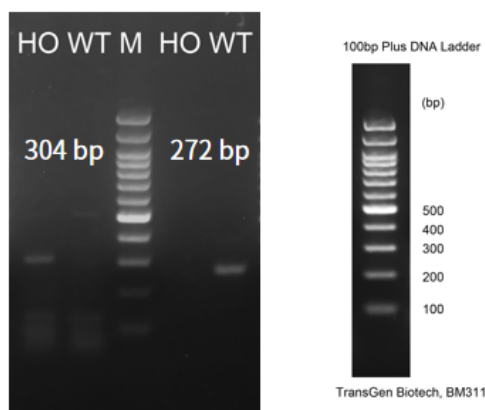


Fig 1. Detection of IL21 expression in splenocyte by RT-PCR.

Wild type: only one band at 272 bp with primers F1/R1 (mIL21);

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

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

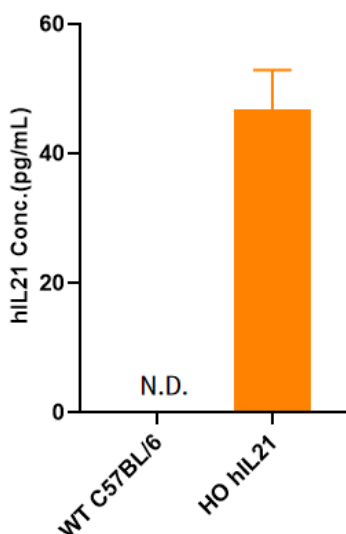


Fig 2. Detection of hIL21 expression in culture supernatants of splenocyte by ELISA (n=3).

Abbr. HO, homozygous; WT, wild type.

Note. Splenocytes from C57BL/6 and homozygous hIL21/hIL21R dKI mice were stimulated with anti-mCD3 antibody *in vitro*.

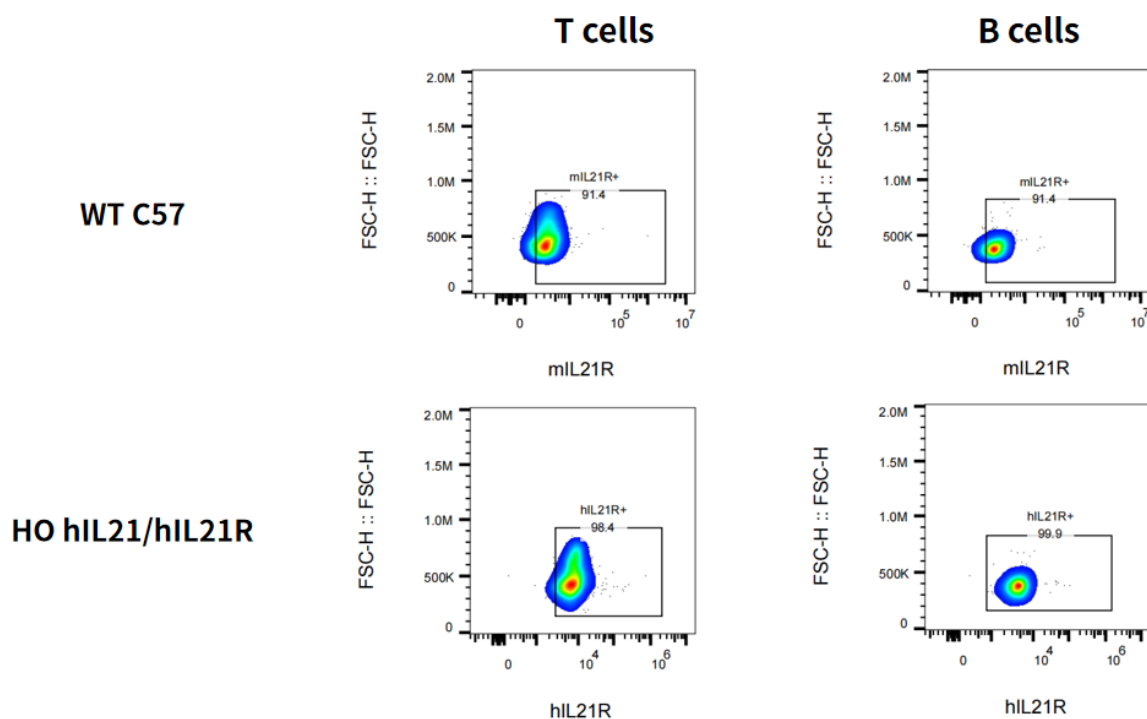


Fig 3. Detection of IL21R expression on spleen-derived activated T cells and B cells in hIL21/hIL21R dKI mice.

Note. Splenocytes from C57BL/6 and homozygous hIL21/hIL21R dKI mice were stimulated with anti-mCD3 antibody *in vitro*.