

hIL2RA/hIL2RB/hIL2RG

Nomenclature	C57BL/6Smoc- <i>Il2ra</i> ^{tm1(hIL2RA)} <i>Il2rg</i> ^{em1(IL2RG)} <i>Il2rb</i> ^{tm1(hIL2RB)Smoc}
Cat. NO.	NM-HU-210414
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol IL2RA	Synonyms	CD25; IL2r; IL-2R alpha chain; Ly-43
	NCBI ID	16184
	MGI ID	96549
	Ensembl ID	ENSMUSG00000026770
	Human Ortholog	IL2RA
Gene Symbol IL2RB	Synonyms	p70; CD122; IL15Rbeta; IL-2Rbeta; IL-15Rbeta; IL-2/15Rbeta
	NCBI ID	16185
	MGI ID	96550
	Ensembl ID	ENSMUSG00000068227
	Human Ortholog	IL2RB
Gene Symbol IL2RG	Synonyms	gc; p64; [g]c; CD132; gamma(c)
	NCBI ID	16186
	MGI ID	96551
	Ensembl ID	ENSMUSG00000031304
	Human Ortholog	IL2RG
Gene Symbol IL2ra	Synonyms	CD25; IL2r; IL-2R alpha chain; Ly-43
	NCBI ID	16184
	MGI ID	96549
	Ensembl ID	ENSMUSG00000026770
	Human Ortholog	IL2RA

Model Description

hIL2RA(NM-HU-190064) was crossed with hIL2RG/hILRB(NM-HU-210354) to generate hIL2RA/hIL2RB/hIL2RG mice.

*Literature published using this strain should indicate: hIL2RA/hIL2RB/hIL2RG mice (Cat. NO. NM-HU-210414) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

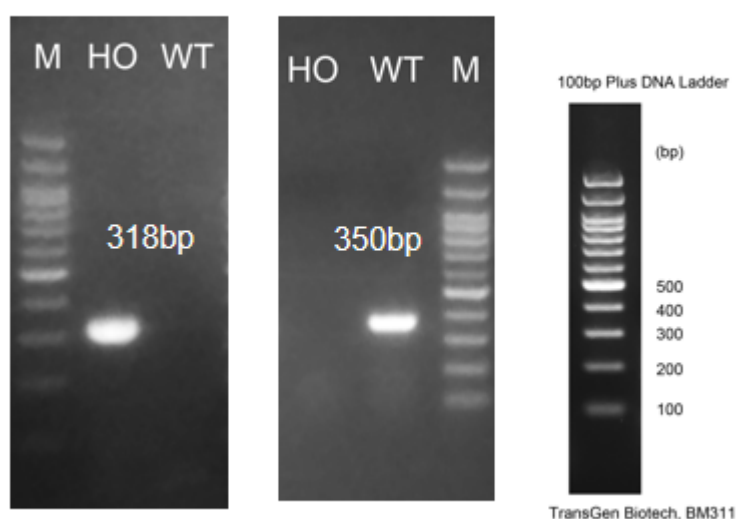


Fig1. Detection of IL2RA expression in thymus and spleen by RT-PCR. Wild type: only one band at 350 bp with primers F1/R1(mIl2ra);Homozygous: only one band at 318 bp with primers F2/R2(hIL2RA); Abbr.. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.

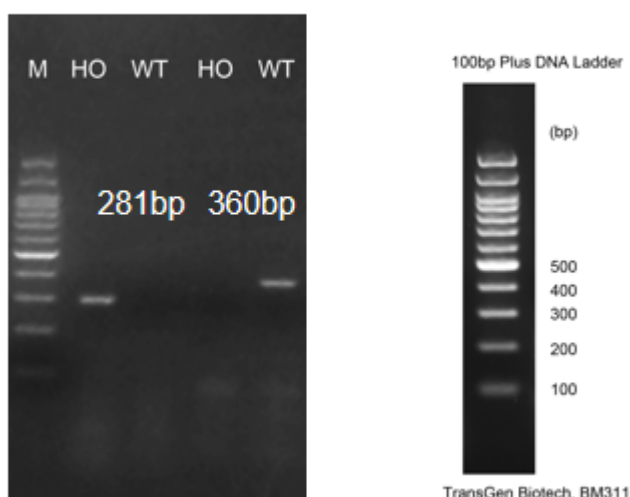


Fig2. Detection of IL2RB expression in thymus and spleen by RT-PCR. Wild type: only one band at 360 bp with primers F1/R1(mll2rb);Homozygous: only one band at 281 bp with primers F2/R2(hIL2RB); Abbr.. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.

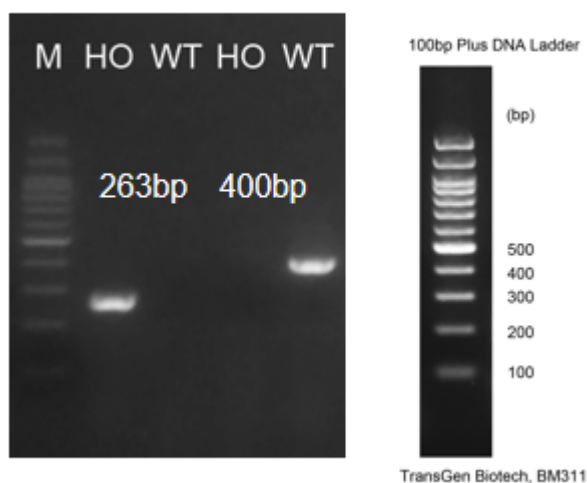


Fig3. Detection of IL2RG expression in thymus and spleen by RT-PCR. Wild type: only one band at 400 bp with primers F1/R1(mll2rg);Homozygous: only one band at 263 bp with primers F2/R2(hIL2RG); Abbr.. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.