

hIl5

Nomenclature	C57BL/6Smoc- <i>Il5</i> ^{tm3(hIl5)Smoc}
Cat. NO.	NM-HU-190001
Strain State	Repository Live

Gene Summary

Gene Symbol IL5	Synonyms	Il-5
	NCBI ID	16191
	MGI ID	96557
	Ensembl ID	ENSMUSG00000036117
	Human Ortholog	IL5

Model Description

This IL5 humanized mouse model was established by replacing the mouse Il5 gene coding exons and introns with the human TLR9 corresponding sequence by homologous recombination.

Research Application: Immune-related

*Literature published using this strain should indicate: hIl5 mice (Cat. NO. NM-HU-190001) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

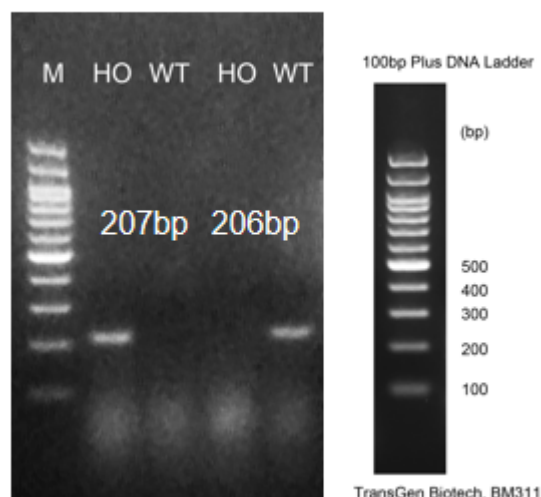


Fig1. Detection of IL-5 expression in thymus by RT-PCR. Wild type: only one band at 206 bp with primers F1/R1(ml-5);Homozygous: only one band at 207 bp with primers F2/R2(hIL-5); Abbr.. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.

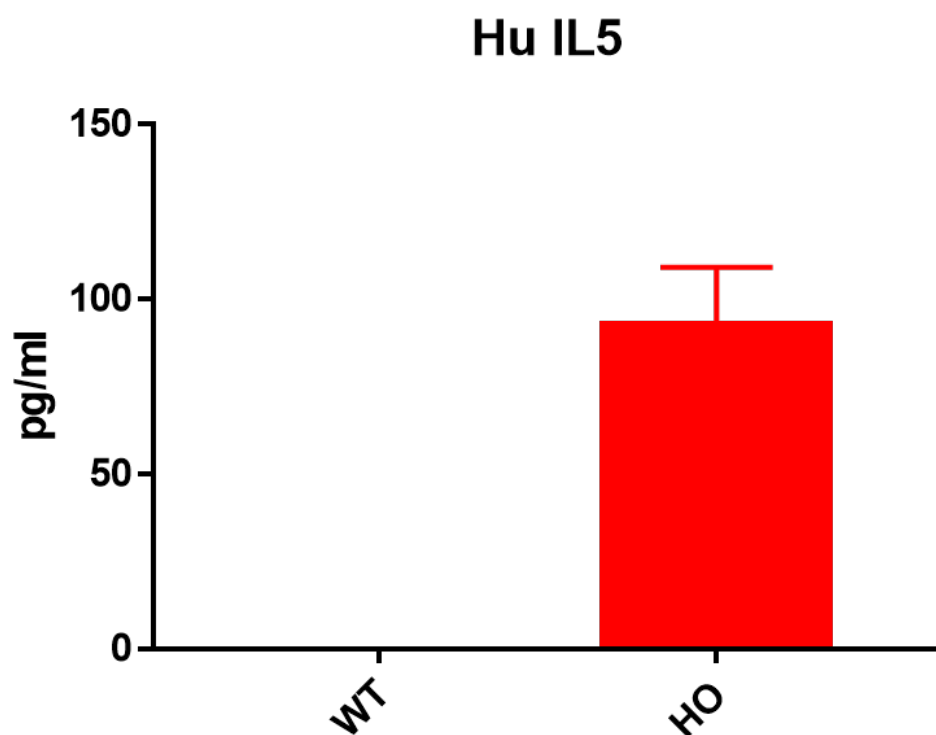


Fig 2. Expression of human IL5 in the Serum of IL5-HU homozygous mice is detected by Elisa.

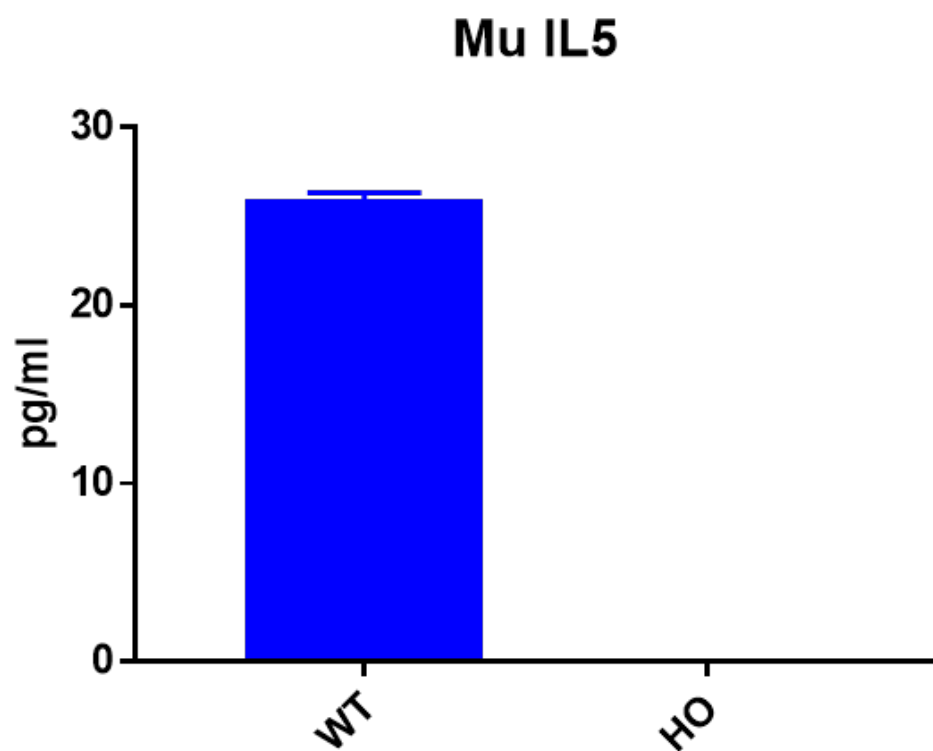


Fig 3. Expression of murine IL5 in the Serum of IL5-HU homozygous mice is detected by Elisa.