

hIL17A

Nomenclature	C57BL/6Smoc- <i>Il17a</i> ^{tm1(hIL17A)/Smoc}
Cat. NO.	NM-HU-00042
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol IL17A	Synonyms	Il17; Ctl8; IL-17; Ctl8; IL-17A
	NCBI ID	16171
	MGI ID	107364
	Ensembl ID	ENSMUSG00000025929
	Human Ortholog	IL17A

Model Description

The endogenous mouse *Il17a* gene was replaced by human IL17A gene.

Research Application: Immunotherapy, cancer research, drug screening

*Literature published using this strain should indicate: hIL17A mice (Cat. NO. NM-HU-00042) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

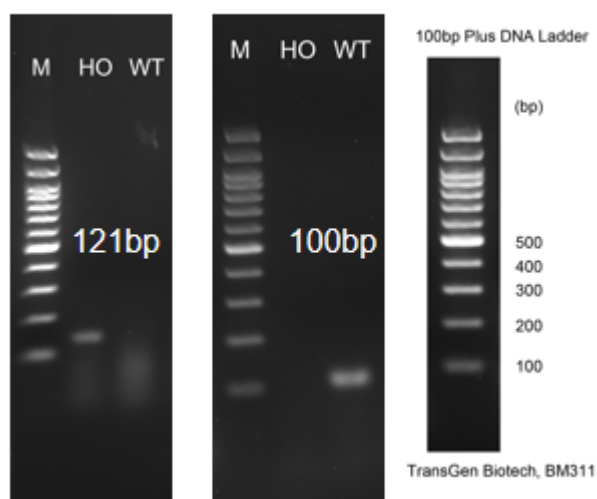


Fig1. Detection of IL-17A expression in Large Intestine by RT-PCR. Wild type: only one band at 100 bp with primers F1/R1(mIL-17a);Homozygous: only one band at 121 bp with primers F2/R2(hIL-17A); Abbr.. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.

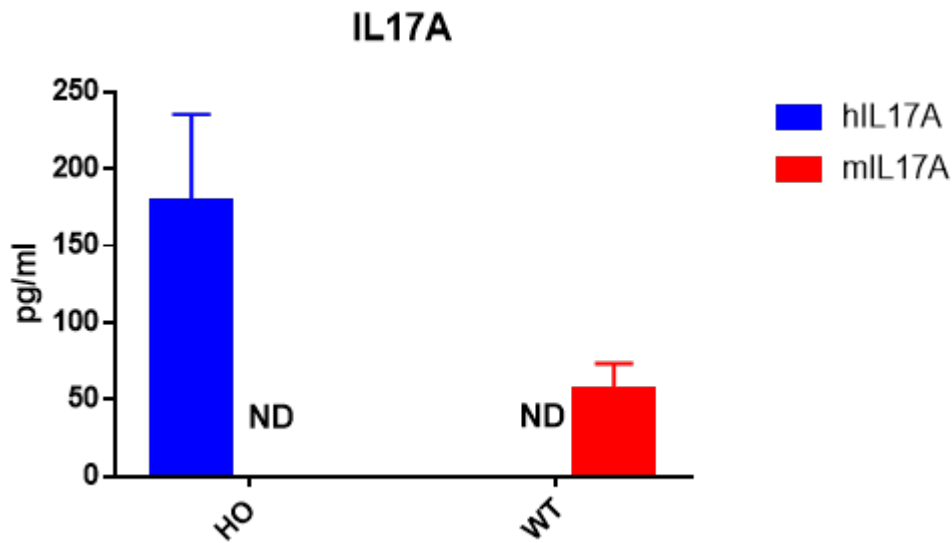


Fig2. Expression of human IL17A in cell supernatant derived from splenocytes of IL17A-HU homozygous mice is detected by Elisa.