

hTSLP

Nomenclature	C57BL/6Smoc- <i>Tslp</i> ^{tm2(hTSLP)/Smoc}
Cat. NO.	NM-HU-2000064
Strain State	Repository Live

Gene Summary

Gene Symbol TSLP	Synonyms	
	NCBI ID	53603
	MGI ID	1855696
	Ensembl ID	ENSMUSG00000024379
	Human Ortholog	TSLP

Model Description

The endogenous mouse *Tslp* gene was replaced by human TSLP gene.

Research Application: Asthma research; drug screening

*Literature published using this strain should indicate: hTSLP mice (Cat. NO. NM-HU-2000064) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

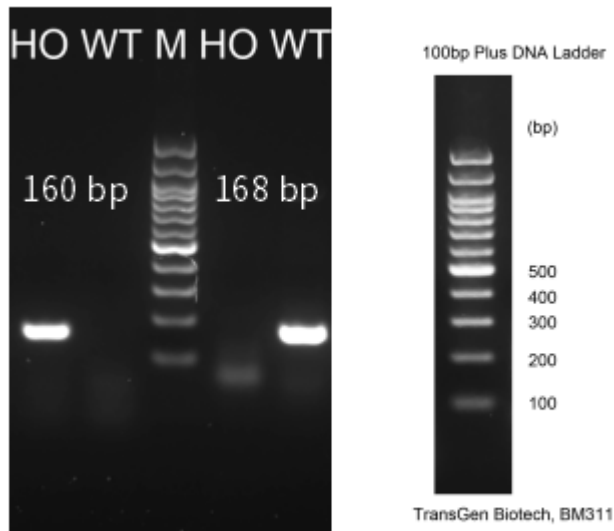


Fig.1 Detection of TSLP expression in bladder by RT-PCR.

Wild type: only one band at 168 bp with primers F1/R1 (mTslp);

Homozygous: only one band at 160 bp with primers F2/R2 (hTSLP);

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

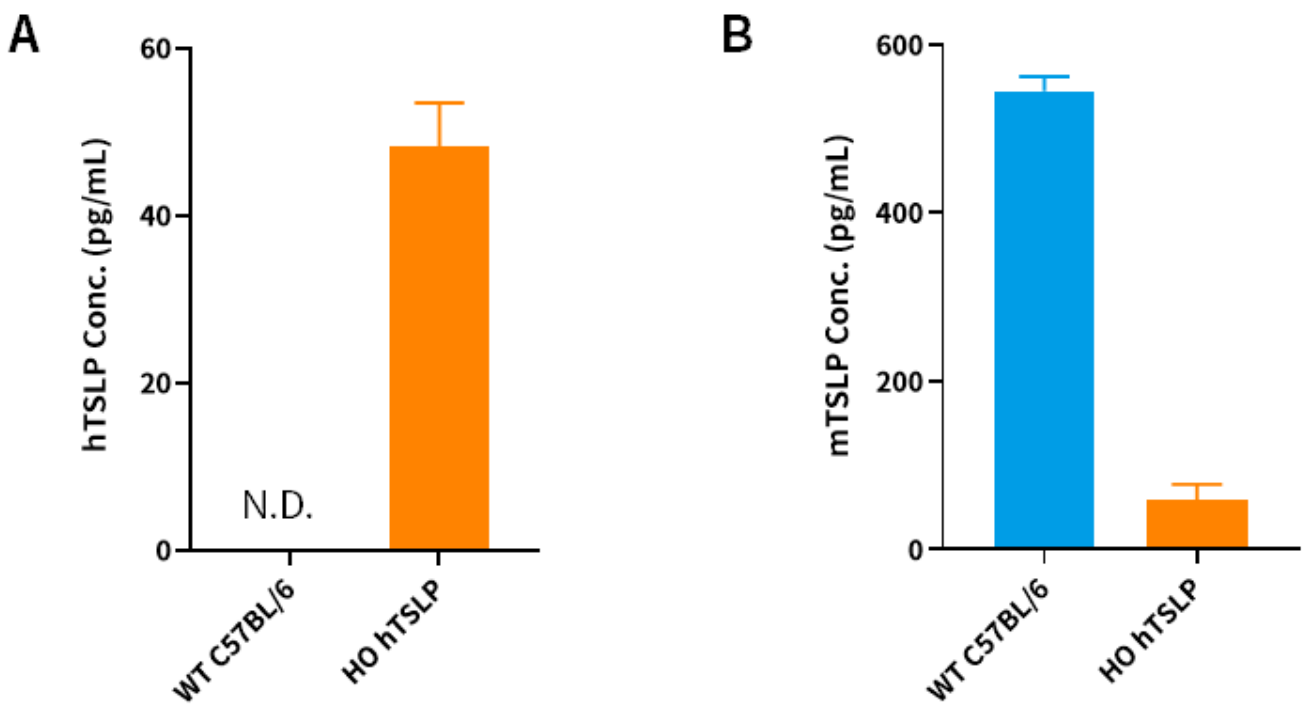


Fig.2 Detection of hTSLP and mTSLP expression in thymus homogenate by ELISA (n=5).

Abbr. HO, homozygous; WT, wild type.

Note. hTSLP and C57BL/6 mice were i.p. injected with LPS.
