

hTPBG

Nomenclature	C57BL/6Smoc- <i>Tpbg</i> ^{em1(hTPBG)Smoc}
Cat. NO.	NM-HU-200239
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol Tpbg	Synonyms	5T4; WAIF1; AW495680
	NCBI ID	21983
	MGI ID	1341264
	Ensembl ID	ENSMUSG00000035274
	Human Ortholog	TPBG

Model Description

The endogenous mice *Tpbg* gene was replaced by human TPBG gene.

*Literature published using this strain should indicate: hTPBG mice (Cat. NO. NM-HU-200239) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

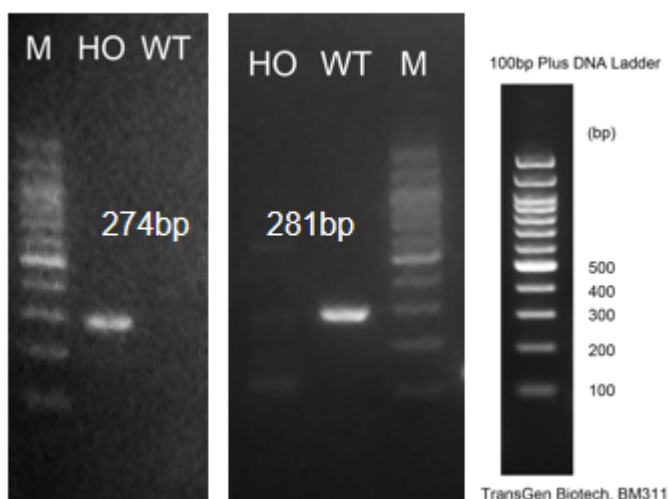


Fig1. Detection of TPBG expression in bladder by RT-PCR.

Wild type: only one band at 281 bp with primers F1/R1 (mTpbg);

Homozygous: only one band at 274 bp with primers F2/R2 (hTPBG).

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

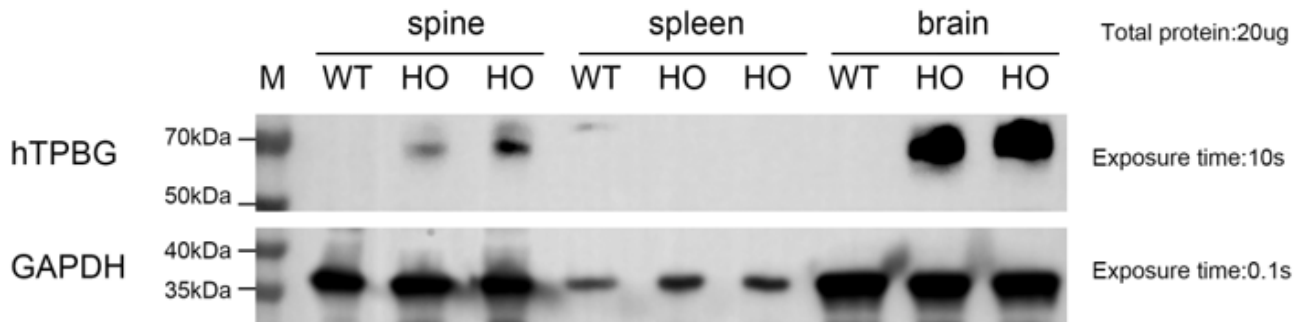


Fig2. Detection of human TPBG expression in hTPBG knockin mice by WB.

Abbr. HO, homozygous; WT, wild type.