

hTLR4

Nomenclature	C57BL/6Smoc- <i>Tlr4</i> ^{em2(hTLR4)/Smoc}
Cat. NO.	NM-HU-2000025
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol Tlr4	Synonyms	Lps; Ly87; Ran/M1; Rasl2-8
	NCBI ID	21898
	MGI ID	96824
	Ensembl ID	ENSMUSG00000039005
	Human Ortholog	TLR4

Model Description

The endogenous mouse Tlr4 gene was replaced by human TLR4 gene.

Research Application: Immunotherapy, drug screening

*Literature published using this strain should indicate: hTLR4 mice (Cat. NO. NM-HU-2000025) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

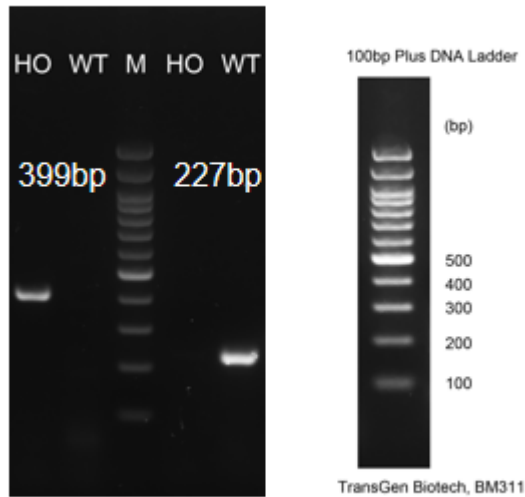


Fig1. Detection of TLR4 expression in bladder by RT-PCR. Wild type: only one band at 227 bp with primers F1/R1(mTlr4);Homozygous: only one band at 399 bp with primers F2/R2(hTLR4); Abbr.. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.