

hPTGDR2

Nomenclature	C57BL/6Smoc- <i>Ptgdr2</i> ^{em1(hPTGDR2)Smoc}
Cat. NO.	NM-HU-225033
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol Ptgdr2	Synonyms	Crth2; Gpr44; Grp45
	NCBI ID	14764
	MGI ID	1330275
	Ensembl ID	ENSMUSG00000034117
	Human Ortholog	PTGDR2

Model Description

The endogenous mouse *Ptgdr2* gene was replaced by human PTGDR2 gene.

*Literature published using this strain should indicate: hPTGDR2 mice (Cat. NO. NM-HU-225033) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

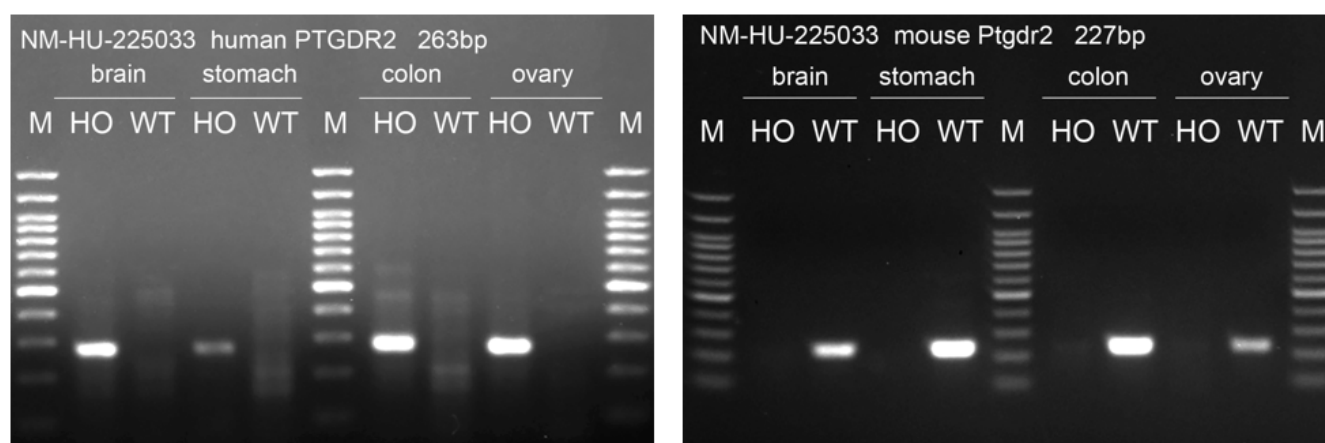


Fig1. Detection of PTGDR2 expression in brain, stomach, colon and ovary by RT-PCR.

Wild type: only one band at 227 bp with primers F1/R1(mPtgdr2);

Homozygous: only one band at 263 bp with primers F2/R2(hPTGDR2);

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

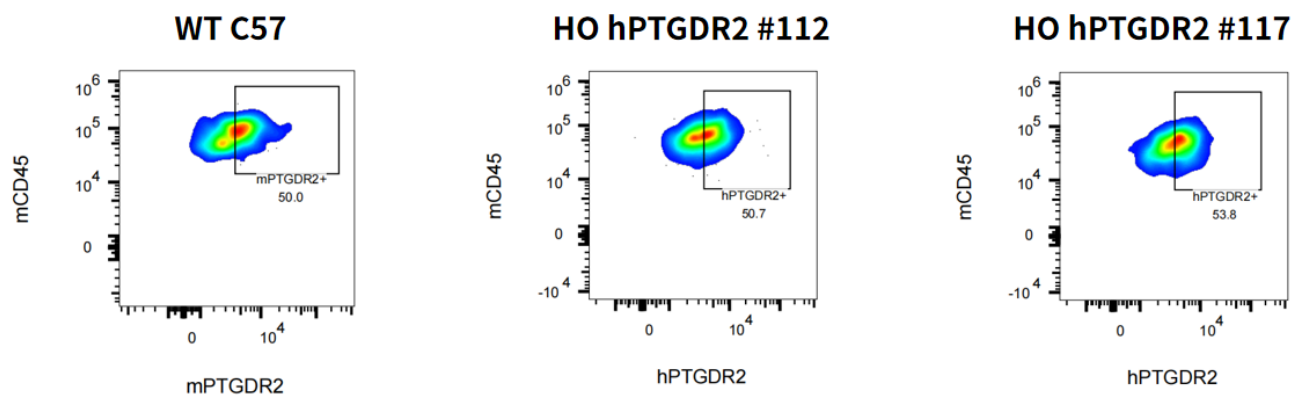


Fig2. Detection of PTGDR2 expression on eosinophils in spleen in C57BL/6 and hPTGDR2 KI mice.