

hBCMA

Nomenclature	C57BL/6Smoc- <i>Tnfrsf17</i> ^{Em1(hBCMA)Smoc}
Cat. NO.	NM-HU-200228
Strain State	Repository Live

Gene Summary

Gene Symbol Tnfrsf17	Synonyms	BCM; BCMA; Tnfrsf13; Tnfrsf13a
	NCBI ID	21935
	MGI ID	1343050
	Ensembl ID	ENSMUSG00000022496
	Human Ortholog	TNFRSF17

Model Description

The endogenous mice *Bcma* gene was replaced by human BCMA gene.

*Literature published using this strain should indicate: hBCMA mice (Cat. NO. NM-HU-200228) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

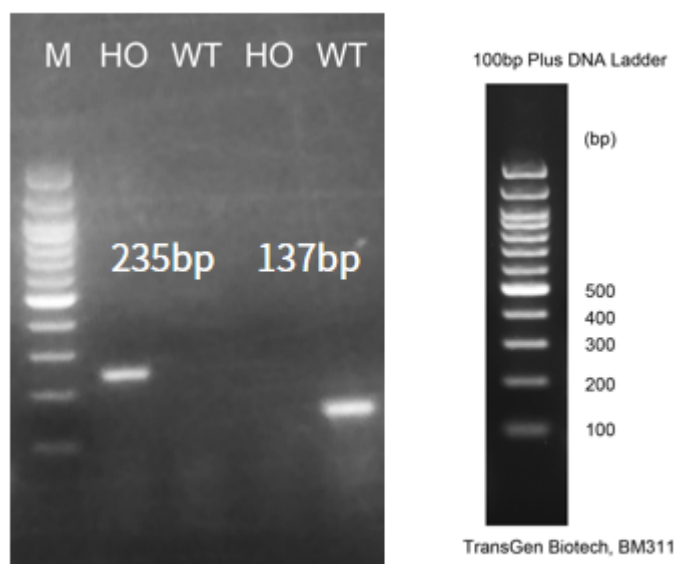


Fig1. Detection of BCMA expression in large Intestine by RT-PCR.

Wild type: only one band at 137 bp with primers F1/R1(mBcma);

Homozygous: only one band at 235 bp with primers F2/R2(hBCMA);

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

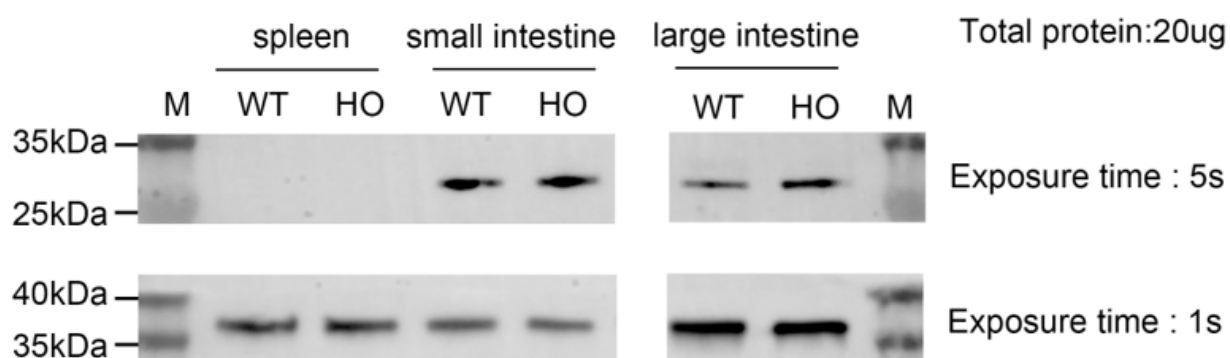


Fig2. Expression characterization of hBCMA in spleen, small intestine and large intestine in homozygous hBCMA mice by western blot.

Note: The anti-human BCMA antibody cross-reacted with mouse BCMA.