

hB7H3/hCD28

Nomenclature	C57BL/6Smoc- <i>Cd276</i> ^{tm2(hCD276)} <i>Cd28</i> ^{em2(hCD28)Smoc}
Cat. NO.	NM-HU-210353
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol CD276	Synonyms	B7H3; B7-h3; B7RP-2; AU016588; 6030411F23Rik
	NCBI ID	102657
	MGI ID	2183926
	Ensembl ID	ENSMUSG00000035914
	Human Ortholog	CD276
Gene Symbol CD28	Synonyms	
	NCBI ID	12487
	MGI ID	88327
	Ensembl ID	ENSMUSG00000026012
	Human Ortholog	CD28

Model Description

hB7-H3(NM-HU-00107) was crossed with hCD28(NM-HU-190011) to generate hB7H3/hCD28 mice.

Research Application: immune therapy; drug screening

*Literature published using this strain should indicate: hB7H3/hCD28 mice (Cat. NO. NM-HU-210353) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

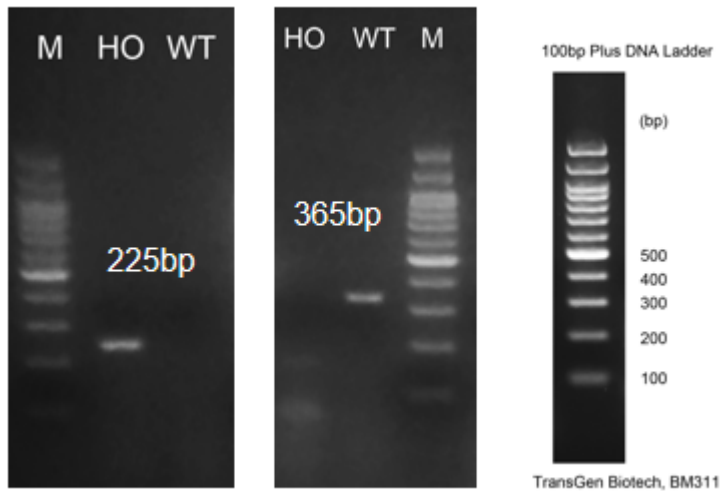


Fig1. Detection of B7H3 expression in liver and spleen by RT-PCR. Wild type: only one band at 365 bp with primers F1/R1(mB7h3);Homozygous: only one band at 225 bp with primers F2/R2(hB7H3); Abbr.. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.

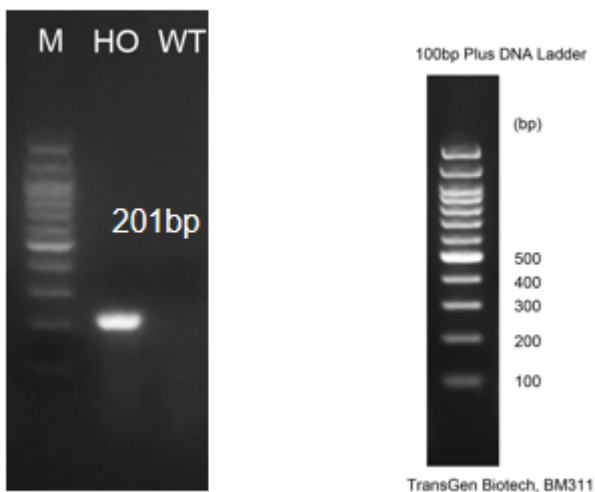


Fig2. Detection of CD28 expression in liver and spleen by RT-PCR. Wild type: no band with primers F2/R2(hCD28);Homozygous: only one band at 201 bp with primers F2/R2(hCD28); Abbr.. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.