

hCD28

Nomenclature	C57BL/6Smoc- <i>Cd28</i> ^{em2(hCD28)Smoc}
Cat. NO.	NM-HU-190011
Strain State	Repository Live

Gene Summary

Gene Symbol CD28	Synonyms	
	NCBI ID	12487
	MGI ID	88327
	Ensembl ID	ENSMUSG00000026012
	Human Ortholog	CD28

Model Description

The endogenous mouse Cd28 gene was replaced by human CD28 gene.

Research Application: Immune-related

*Literature published using this strain should indicate: hCD28 mice (Cat. NO. NM-HU-190011) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

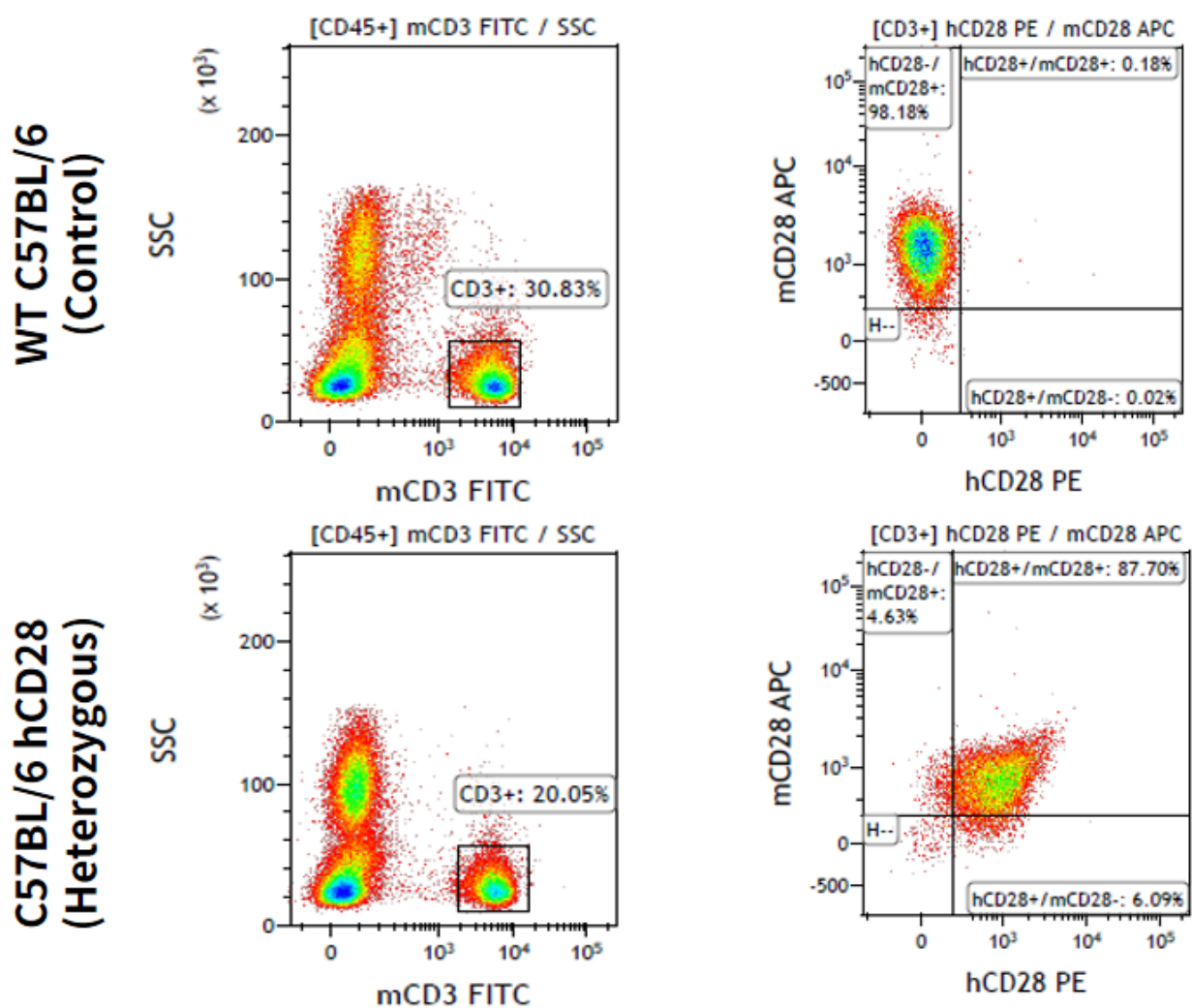


Fig1. Expression characterization of hCD28 on T cells in blood in heterozygous hCD28 KI mice.

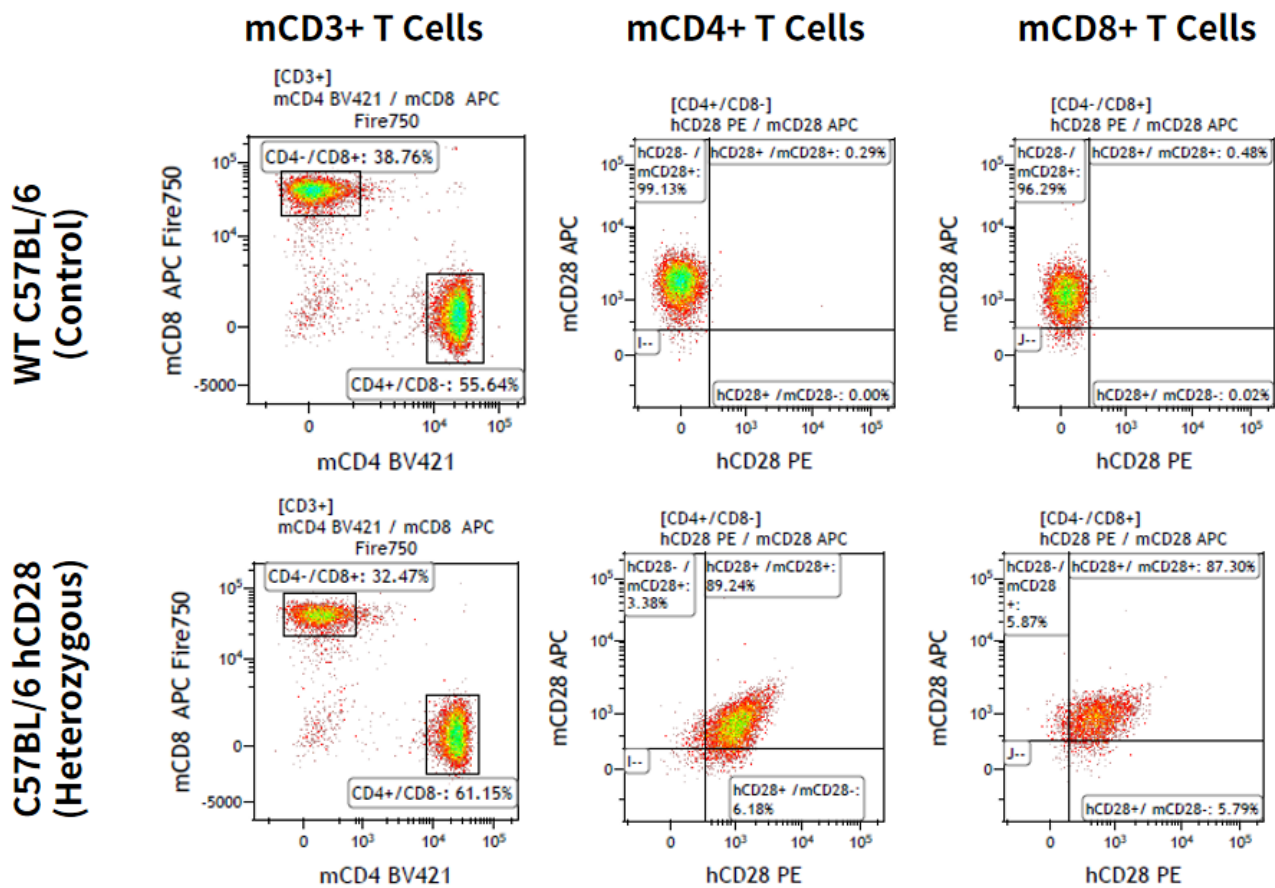


Fig2. Expression characterization of hCD28 on CD4+ and CD8+ T cells in blood in heterozygous hCD28 KI mice.

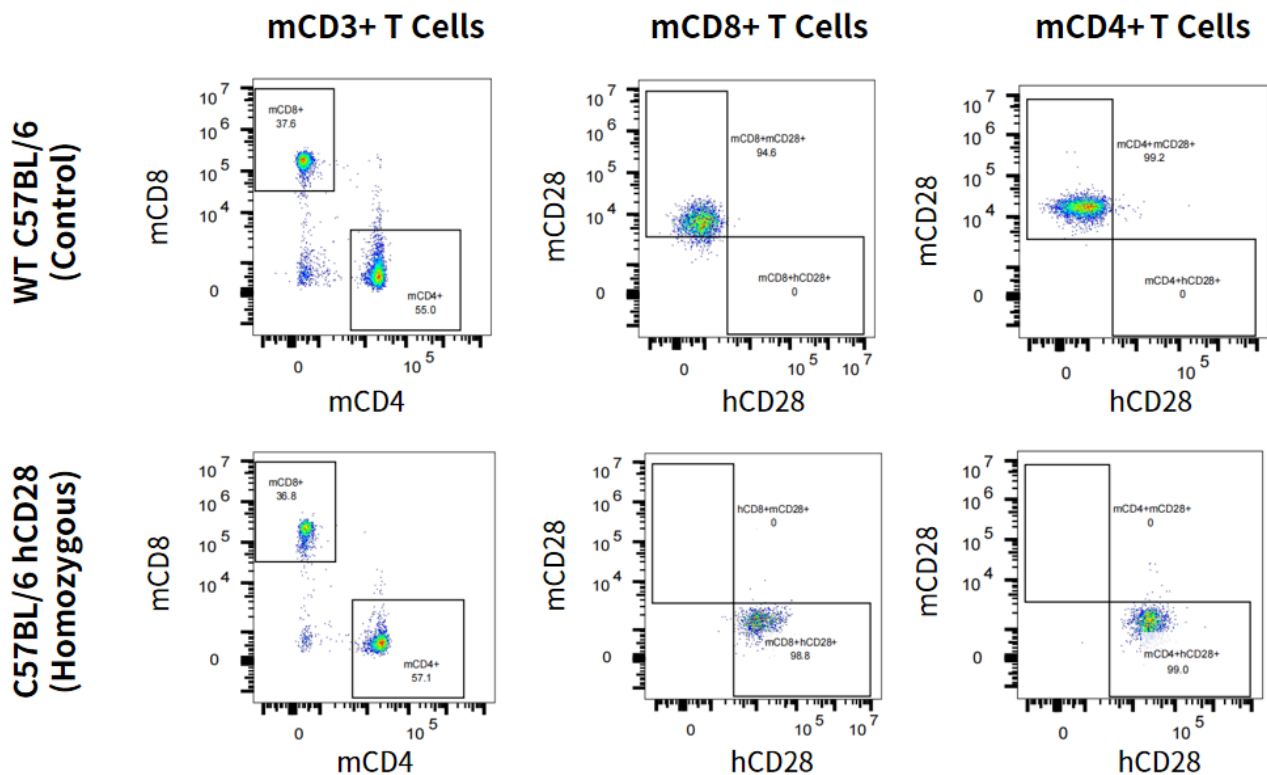


Fig3. Expression characterization of hCD28 on CD4+ and CD8+ T cells in blood in homozygous hCD28 KI mice.

hCD28 KI mice.

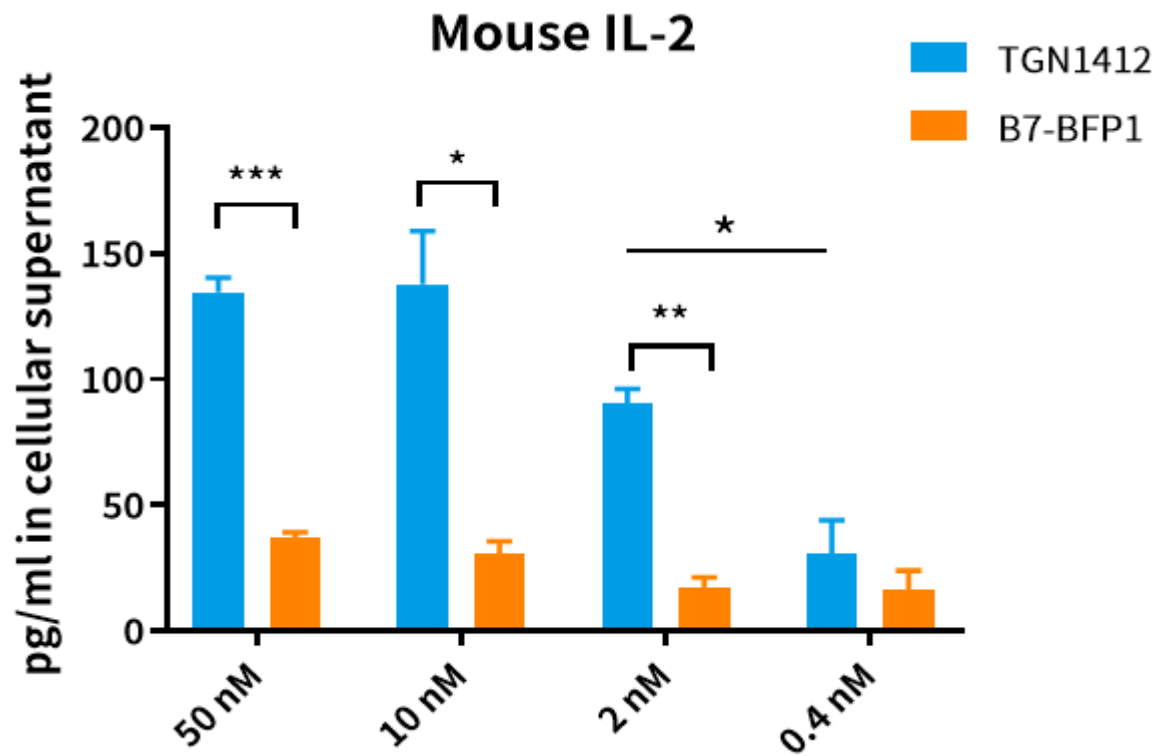


Fig4. Cytokine release post stimulation with anti-CD28 antibodies *in vitro*.