

hCCR5

Nomenclature	C57BL/6Smoc- <i>Ccr5</i> ^{tm1(hCCR5)/Smoc}
Cat. NO.	NM-HU-2000065
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol Ccr5	Synonyms	AM4-7; CD195; Cmkbr5
	NCBI ID	12774
	MGI ID	107182
	Ensembl ID	ENSMUSG00000079227
	Human Ortholog	CCR5

Model Description

The endogenous mouse *Ccr5* gene was replaced by human CCR5 gene.

Research Application: Immunotherapy, drug screening

*Literature published using this strain should indicate: hCCR5 mice (Cat. NO. NM-HU-2000065) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

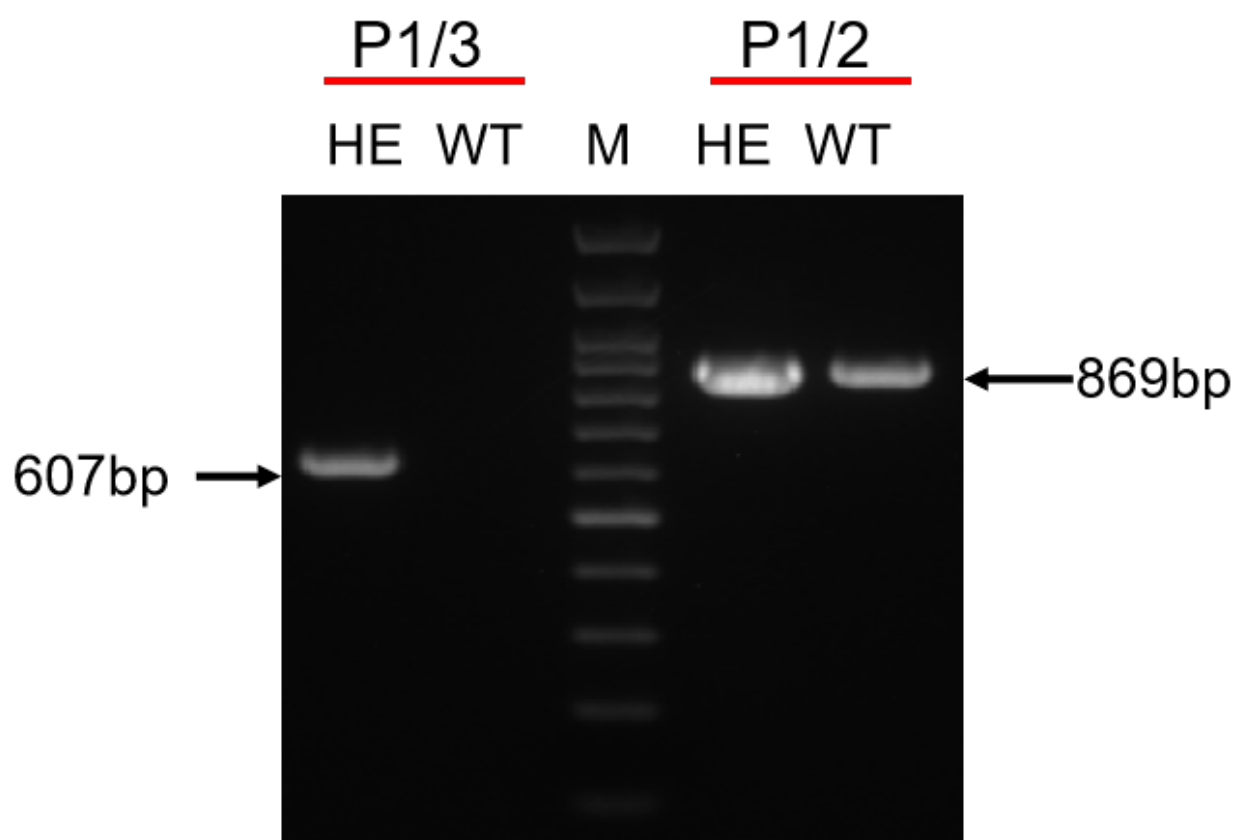


Fig1. Analysis of CCR5 gene expression in the spleen by RT-PCR.

Mouse *Ccr5* mRNA was detectable by P1/2(869bp), human CCR5 mRNA was detectable by P1/3(607bp),

M:100bp Plus DNA ladder from Transgen (BM311). The heterozygous KI mouse expresses both human CCR5 and mouse *Ccr5* in the spleen.