

# hCCR5

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

## Gene Summary

<b>Gene Symbol</b> <b>Ccr5</b>	<b>Synonyms</b>	AM4-7; CD195; Cmkbr5
	<b>NCBI ID</b>	<a href="#">12774</a>
	<b>MGI ID</b>	<a href="#">107182</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000079227</a>
	<b>Human Ortholog</b>	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

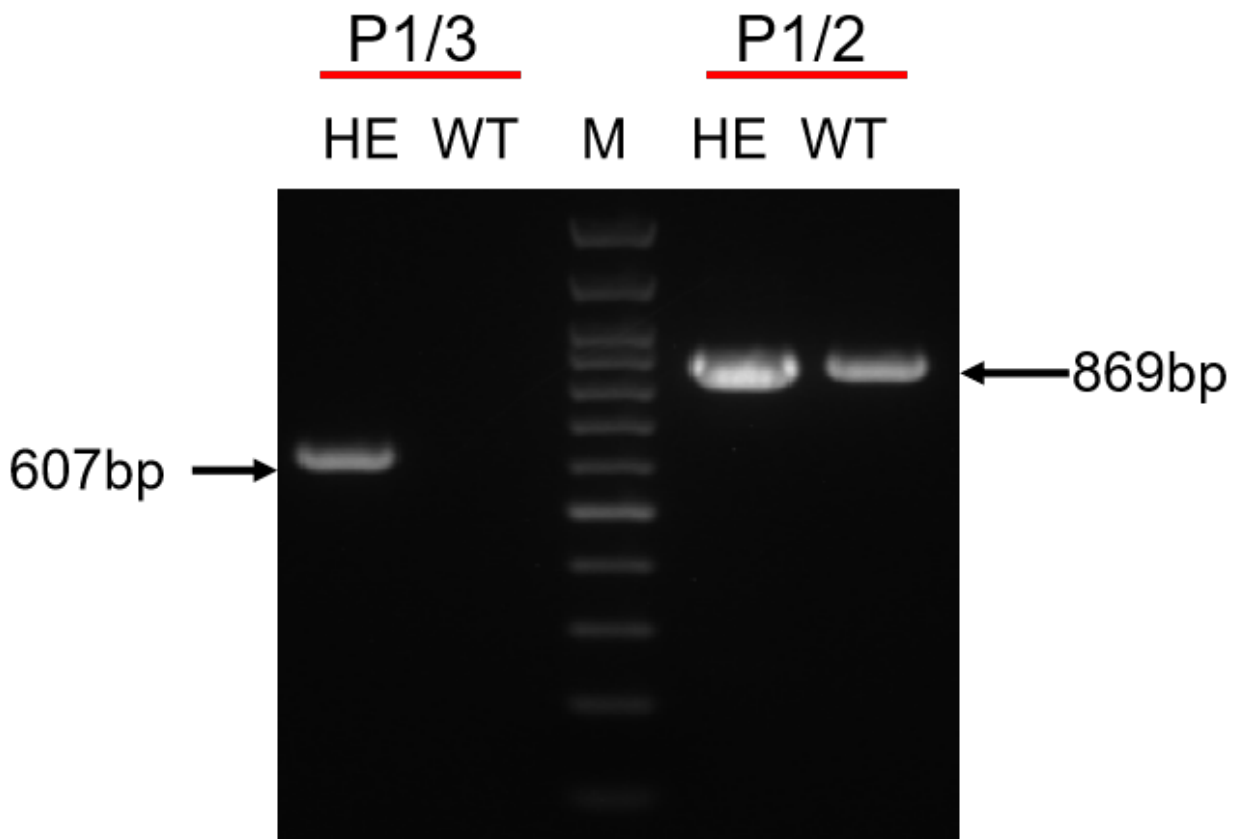


Fig1. Analysis of CCR5 gene expression in the spleen by RT-PCR.

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.