

# Ccr2-IRES-DTRGFP

系統名	C57BL/6Smoc- <i>Ccr2</i> <sup>em1(IRES-DTRGFP)Smoc</sup>
SMOC番号	NM-KI-210102
維持形態	Repository Live

## 遺伝子の概要

Gene Symbol Ccr2	<b>Synonyms</b>	Ckr2; Ccr2a; Ccr2b; Ckr2a; Ckr2b; mJe-r; Cmkbr2; Cc-ckr-2
	<b>NCBI ID</b>	<a href="#">12772</a>
	<b>MGI ID</b>	<a href="#">106185</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000049103</a>
	<b>Human Ortholog</b>	CCR2

## 説明

IRES-DTRGFP expression cassette was knocked into the *Ccr2* gene .

\*Literature published using this strain should indicate: *Ccr2*-IRES-DTRGFP mice (Cat. NO. NM-KI-210102) were purchased from Shanghai Model Organisms Center, Inc..

## 表現型データ

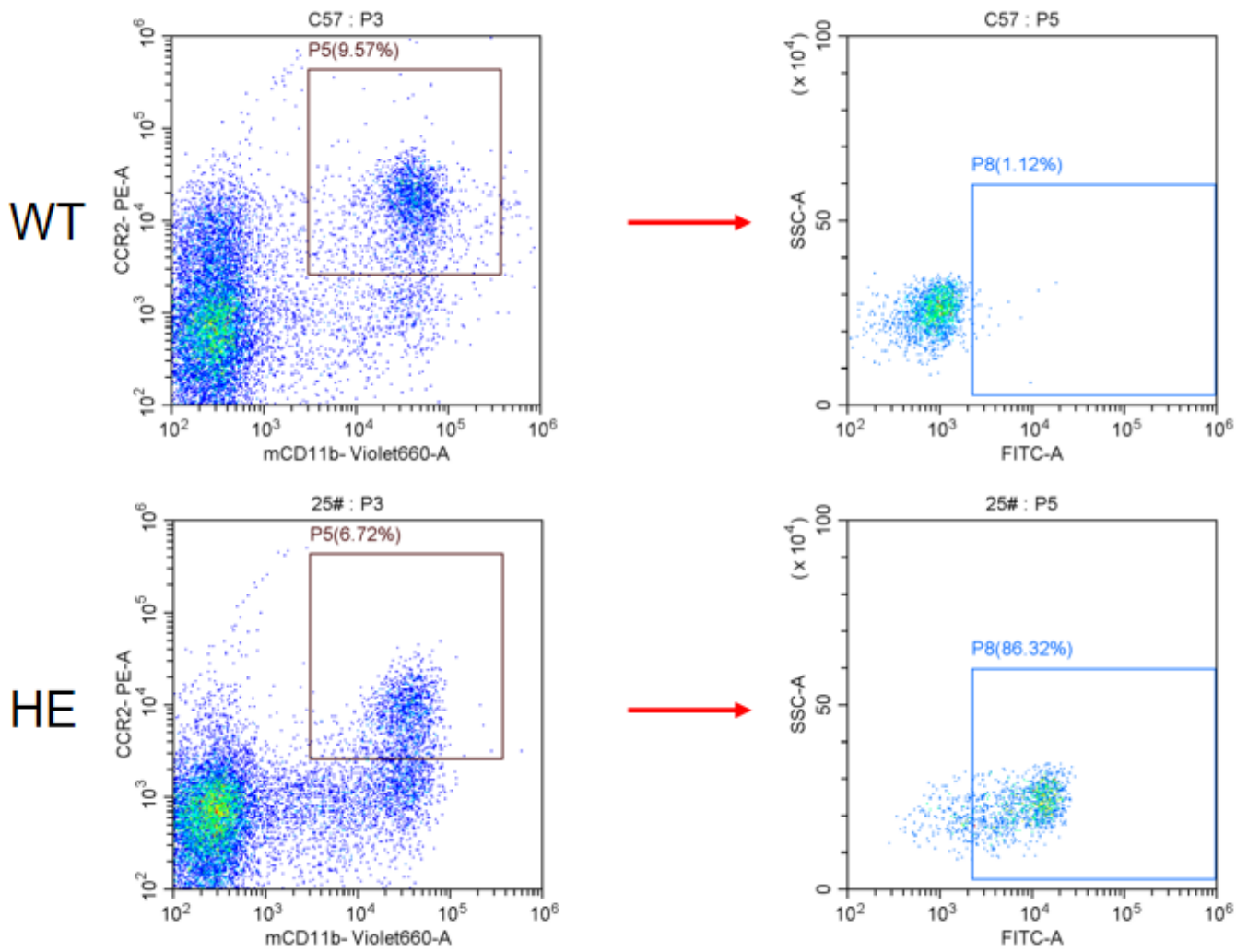


Fig1. Analysis of GFP expression in the Ccr2-IRES-DTRGFP mice by FACS. The expression of GFP could be detected in CCR2+ and CD11b+ cells in peripheral blood of the heterozygous KI mice.

### Schematic diagram of DT dosing and FACS analysis time points:

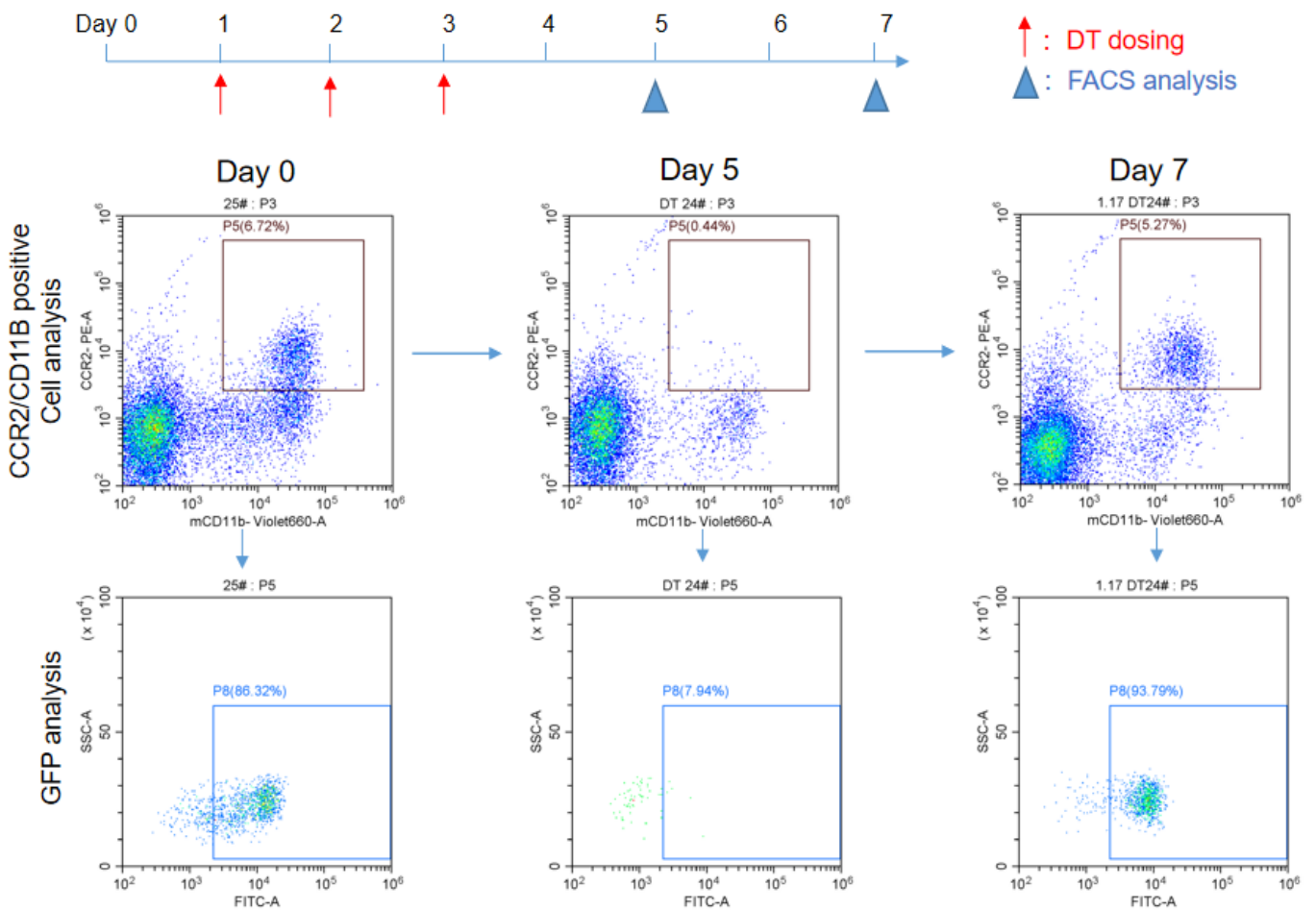


Fig2. Analysis of CCR2+/CD11b+ cells proportion and GFP level in Ccr2-IRES-DTRGFP mice by FACS. The heterozygous KI mice were treated with DT (qd x 3 days). After 2 days of drug withdrawal, the proportion of CCR2+ and CD11b+ cells in the peripheral blood were decreased, and the level of GFP positive cells also decreased. After 4 days of drug withdrawal, the proportion of CCR2+ and CD11b+ cells returned to normal, and the level of GFP positive cells also returned to normal.