

# Ncr1-IRES-DTRGFP

<b>Nomenclature</b>	C57BL/6Smoc- <i>Ncr1</i> <sup>em1(IRES-DTREGFP)Smoc</sup>
<b>Cat. NO.</b>	NM-KI-190044
<b>Strain State</b>	Embryo cryopreservation

## Gene Summary

<b>Gene Symbol</b> <b>Ncr1</b>	<b>Synonyms</b>	Ly94; NKp46
	<b>NCBI ID</b>	<a href="#">17086</a>
	<b>MGI ID</b>	<a href="#">1336212</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000062524</a>
	<b>Human Ortholog</b>	NCR1

## Model Description

A IRES-DTREGFP expression cassette was knocked into the Ncr1 gene stop codon site.

**Research Application:** DTR mouse

\*Literature published using this strain should indicate: Ncr1-IRES-DTRGFP mice (Cat. NO. NM-KI-190044) were purchased from Shanghai Model Organisms Center, Inc..

## Validation Data

Heterozygous Ncr1-IRES-DTRGFP mice and C57BL/6 mice were inoculated with MC38 colon cancer cells. After the tumors grew to 100 mm<sup>3</sup>, Ncr1-IRES-DTRGFP mice were injected with Diphtheria toxin.

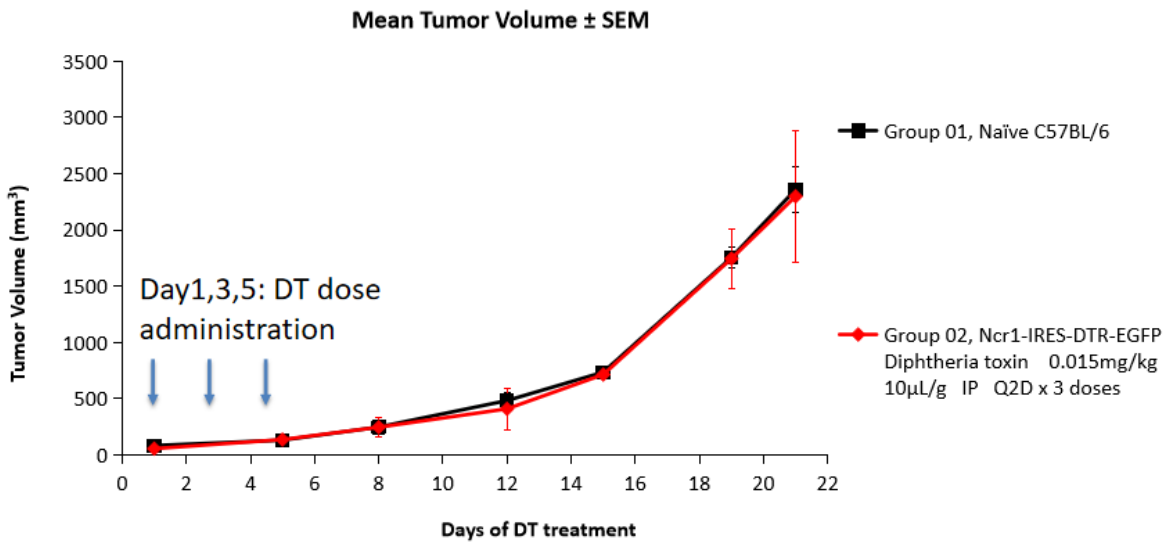


Fig1. The growth of MC38 tumors in Heterozygous Ncr1-IRES-DTRGFP mice and C57BL/6 mice. (Cooperation with CrownBio)

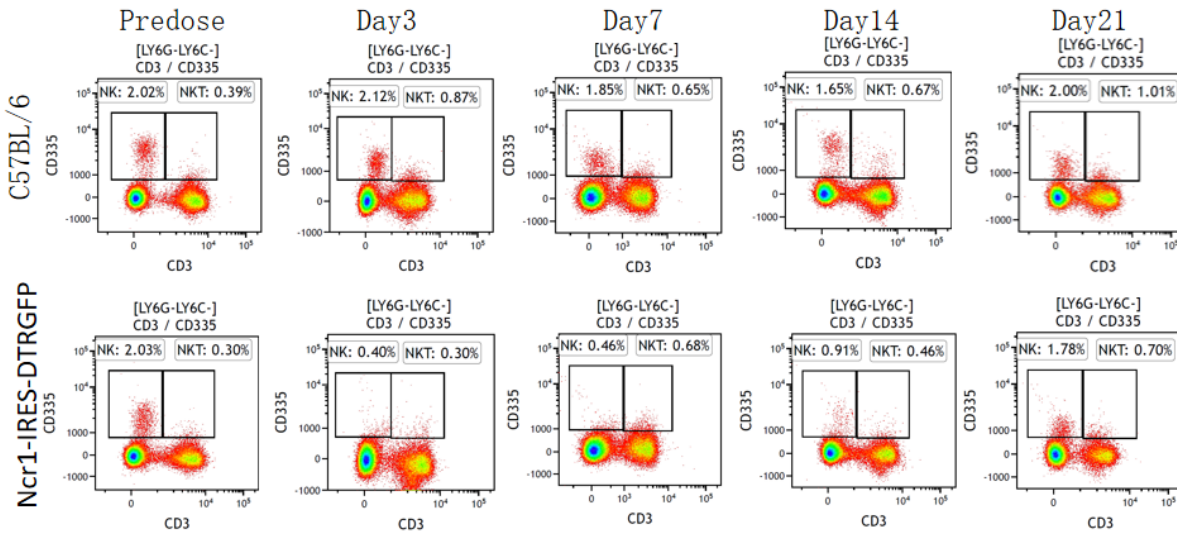


Fig2. The percent of NK cell in peripheral blood of MC38 tumor-bearing Ncr1-IRES-DTRGFP mice and C57BL/6 mice is detected by FACS.(Cooperation with CrownBio)

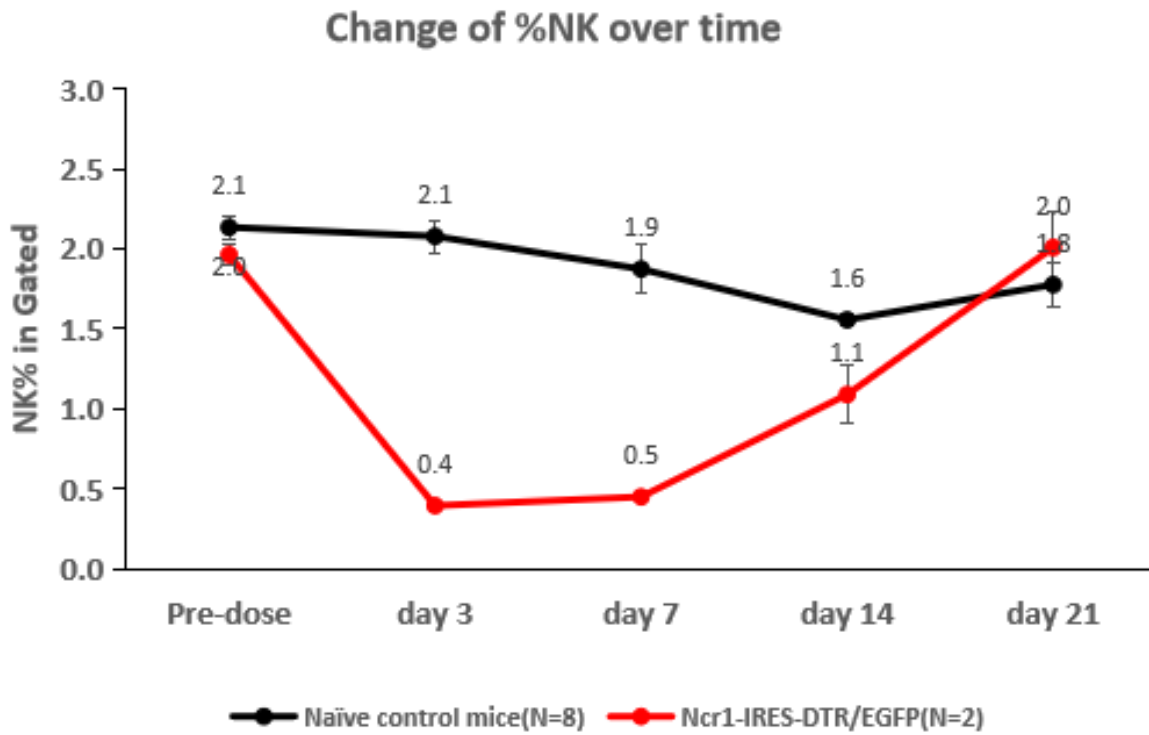


Fig3. The percent of NK cell in peripheral blood of MC38 tumor-bearing Ncr1-IRES-DTRGFP mice and C57BL/6 mice is detected by FACS.(Cooperation with CrownBio)