

# hIL33

系統名	C57BL/6Smoc- <i>IL33</i> <sup>tm2(hIL33)/Smoc</sup>
SMOC番号	NM-HU-2000069
維持形態	Embryo cryopreservation

## 遺伝子の概要

Gene Symbol IL33	Synonyms	IL-33; IL1f11; NF-HEV; 9230117N10Rik
	NCBI ID	<a href="#">77125</a>
	MGI ID	<a href="#">1924375</a>
	Ensembl ID	<a href="#">ENSMUSG00000024810</a>
	Human Ortholog	IL33

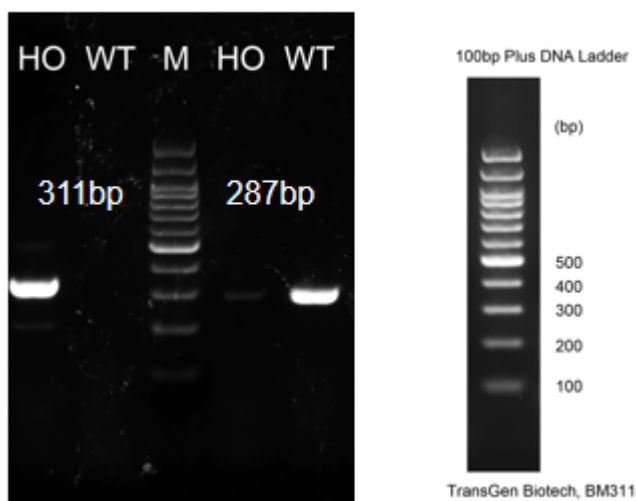
## 説明

The endogenous mouse *Il33* gene was replaced by human *IL33* gene.

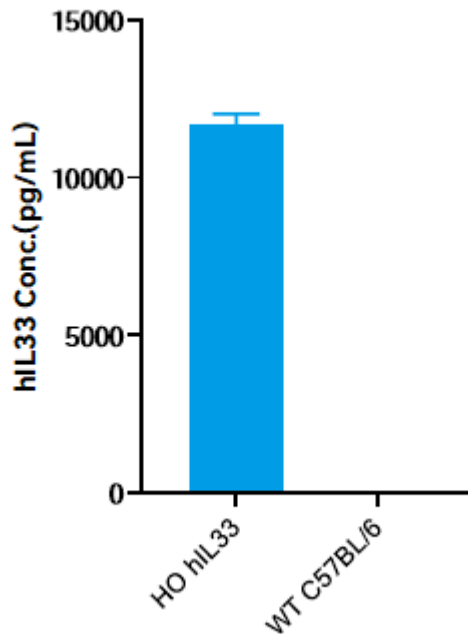
**応用分野:** Cytokine humanization model; drug screening

\*Literature published using this strain should indicate: hIL33 mice (Cat. NO. NM-HU-2000069) were purchased from Shanghai Model Organisms Center, Inc..

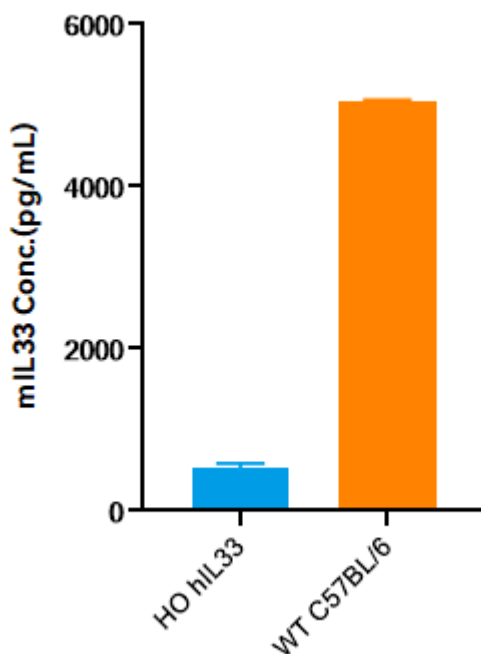
## 表現型データ



**Fig1. Detection of IL33 expression in lung by RT-PCR.** Wild type: only one band at 287 bp with primers F1/R1(mIL33);Homozygous: only one band at 311 bp with primers F2/R2(hIL33); Abbr.. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.



**Fig 2. Detection of hIL33 expression in lung homogenate by ELISA.** Abbr. HO, homozygous; HE, heterozygous; WT, wild type.Note. hIL33 and C57BL/6 mice were i.p. injected with LPS(10mg/kg) for 4h.



**Fig 3. Detection of mIL33 expression in lung homogenate by ELISA.** Abbr. HO, homozygous; HE, heterozygous; WT, wild type. Note. hIL33 and C57BL/6 mice were i.p. injected with LPS(10mg/kg)

for 4h.

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