

hIL33

品系全名	C57BL/6Smoc- <i>Il33</i> ^{tm2(hIL33)/Smoc}
目录号	NM-HU-2000069
品系状态	活体

基因信息

基因名 IL33	基因曾用名	Il-33, Il1f11, NF-HEV, 9230117N10Rik
	NCBI ID	77125
	MGI ID	1924375
	Ensembl ID	ENSMUSG000000024810
	基因标记细胞类型举例	肺II型肺细胞、肺上皮细胞、脂肪组织
	人类同源基因	IL33

品系描述

通过同源重组，将小鼠IL33基因进行人源化修饰。

应用领域：细胞因子人源化模型；药物筛选

*使用本品系发表的文献需注明: hIL33 mice (Cat. NO. NM-HU-2000069) were purchased from Shanghai Model Organisms Center, Inc..

验证数据

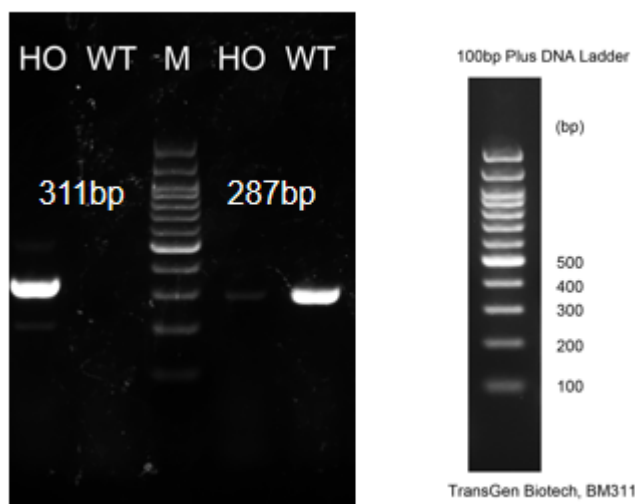


Fig1. Detection of IL33 expression in lung by RT-PCR. Wild type: only one band at 287 bp with primers F1/R1(mIL33);Homozygous: only one band at 311 bp with primers F2/R2(hIL33); Abbr.. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.

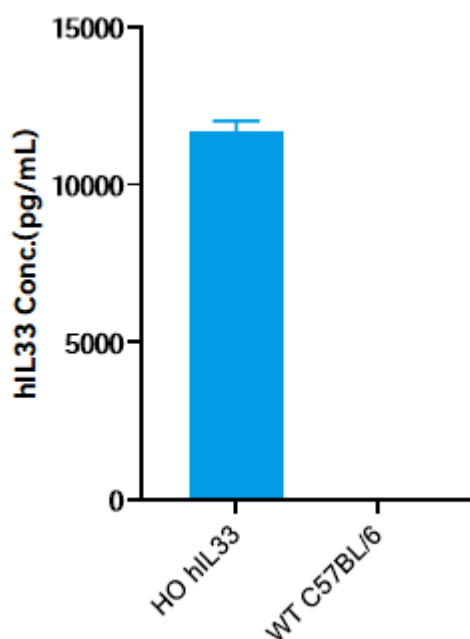


Fig 2. Detection of hIL33 expression in lung homogenate by ELISA. Abbr. HO, homozygous; HE, heterozygous; WT, wild type.Note. hIL33 and C57BL/6 mice were i.p. injected with LPS(10mg/kg) for 4h.

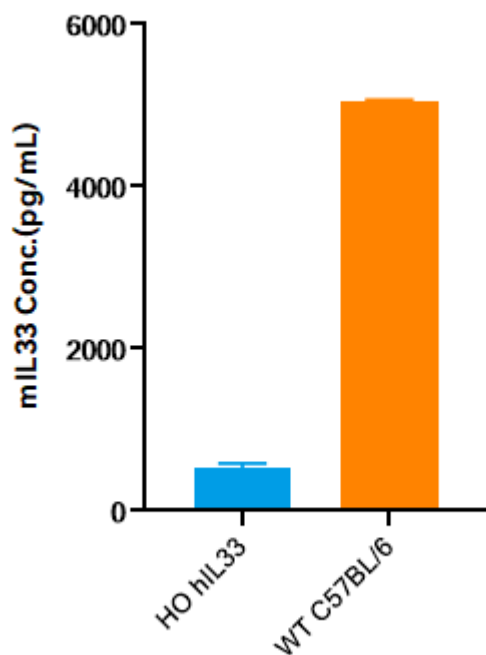


Fig 3. Detection of mIL33 expression in lung homogenate by ELISA. Abbr. HO, homozygous; HE, heterozygous; WT, wild type. Note. hIL33 and C57BL/6 mice were i.p. injected with LPS(10mg/kg) for 4h.