

hVEGFA

Nomenclature	C57BL/6Smoc- <i>Vegfa</i> ^{tm1(hVEGFA)/Smoc}
Cat. NO.	NM-HU-2000028
Strain State	Repository Live

Gene Summary

Gene Symbol Vegfa	Synonyms	Vpf; Vegf
	NCBI ID	22339
	MGI ID	103178
	Ensembl ID	ENSMUSG00000023951
	Human Ortholog	VEGFA

Model Description

The endogenous mouse *Vegfa* gene was replaced by human VEGFA gene. While hVEGFA(2)(Stock No.NM-HU-204984) mice function similarly to hVEGFA mice,for more detailed information please contact our technical advisor.

Research Application: Immunotherapy,drug screening

*Literature published using this strain should indicate: hVEGFA mice (Cat. NO. NM-HU-2000028) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

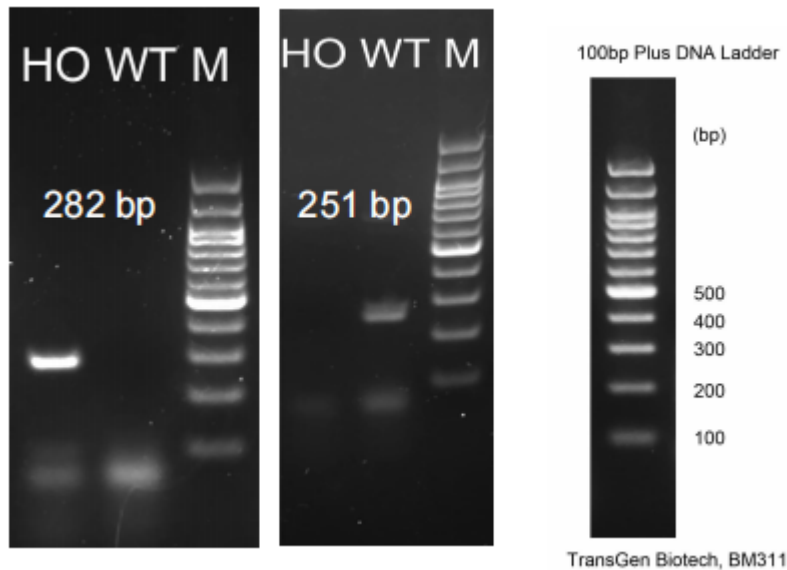


Fig1. Detection of VEGFA expression in lung by RT-PCR.

Wild type: only one band at 251 bp with primers F1/R1(mVegfa); Homozygous: only one band at 282 bp with primers F2/R2(hVEGFA);

Abbr. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.

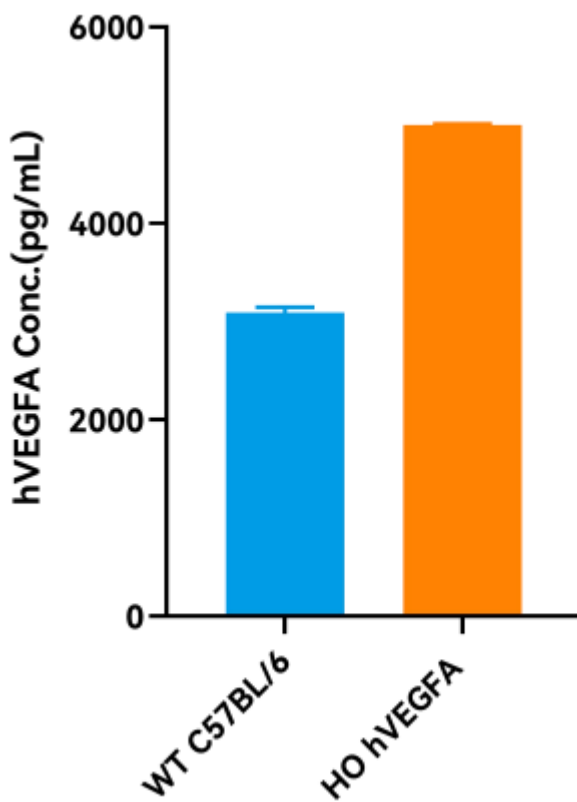


Fig 2. Detection of hVEGFA expression in lung homogenate by ELISA.

Note. The human VEGFA ELISA kit cross-reacted with mVEGFA and humanized VEGFA.

Abbr. HO, homozygous; HE, heterozygous; WT, wild type.
