

hANGPTL3(4)

品系全名	C57BL/6Smoc-Angptl3 ^{em1(hANGPTL3)Smoc}
目录号	NM-HU-210036
品系状态	活体

基因信息

基因名 Angptl3	基因曾用名	hypl
	NCBI ID	30924
	MGI ID	1353627
	Ensembl ID	ENSMUSG00000028553
	人类同源基因	ANGPTL3

品系描述

通过同源重组，将小鼠基因Angptl3进行人源化修饰。

应用领域：免疫治疗；药物筛选

*使用本品系发表的文献需注明：hANGPTL3(4) mice (Cat. NO. NM-HU-210036) were purchased from Shanghai Model Organisms Center, Inc..

验证数据

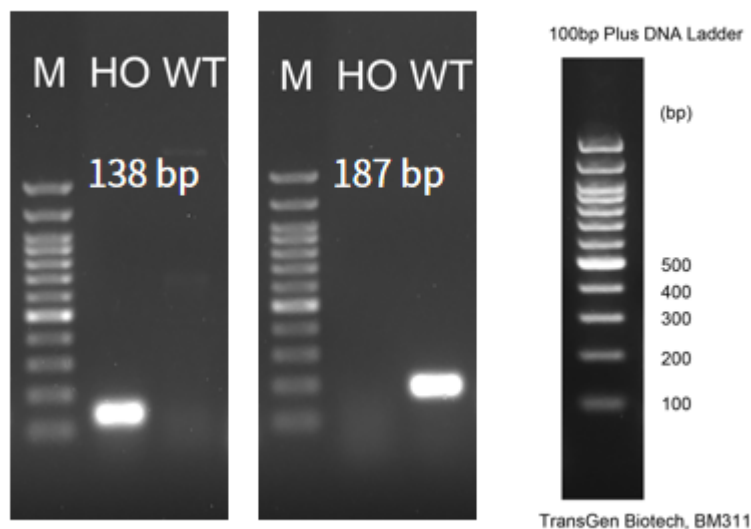


Fig1. Detection of ANGPTL3 expression in liver by RT-PCR. Wild type: only one band at 187 bp with primers F1/R1(mAngptl3); Homozygous: only one band at 138 bp with primers F2/R2(hANGPTL3); Abbr. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.

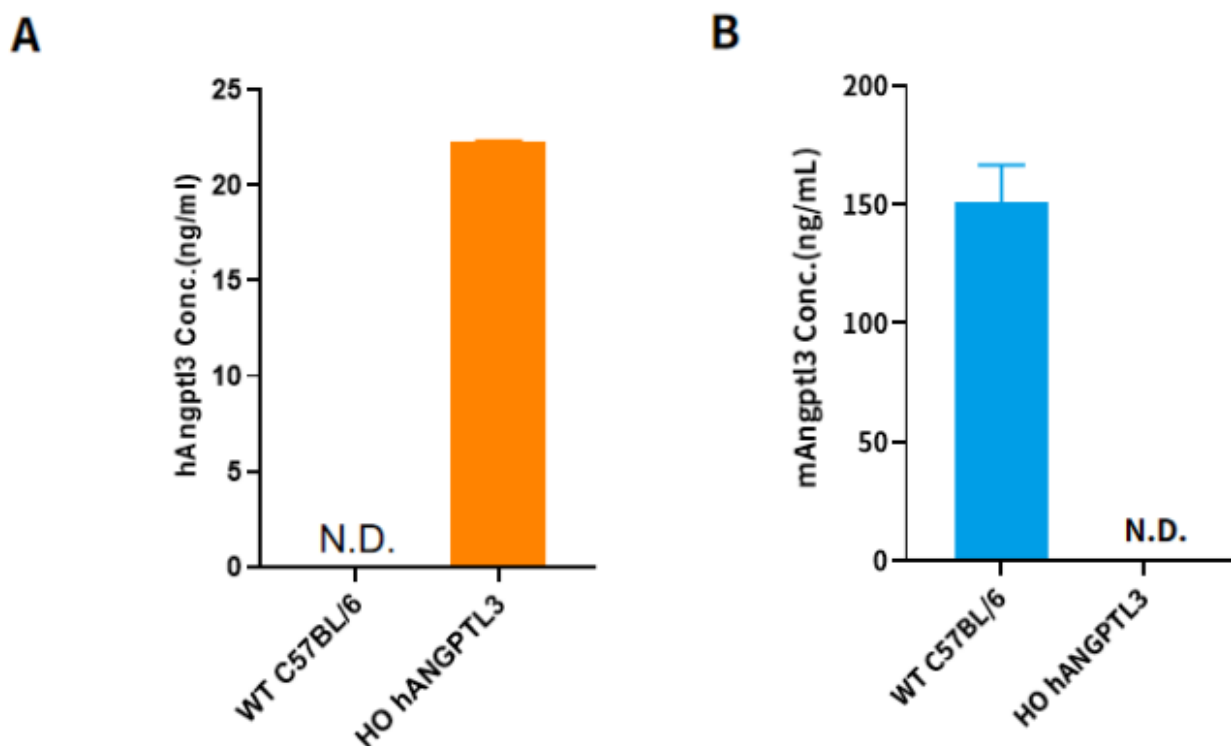


Fig2. Detection of hANGPTL3 and mANGPTL3 expression in serum by ELISA (n=3).

Abbr. HO, homozygous; WT, wild type.

Note. The hom hANGPTL3 mice was 12 weeks old, female.

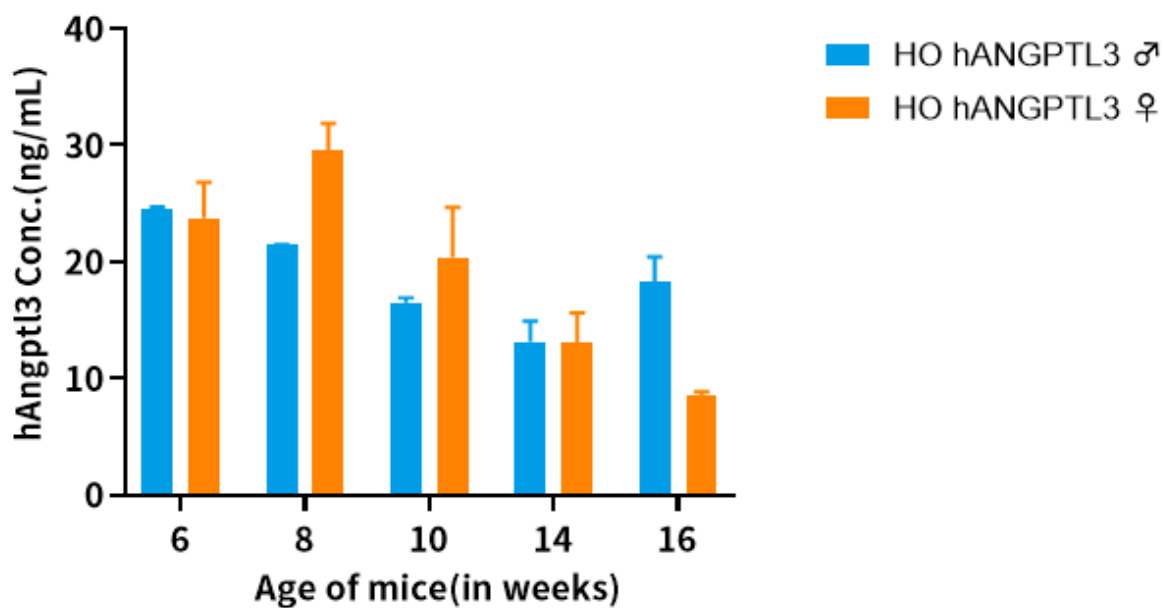


Fig3. Detection of hANGPTL3 expression in serum in homozygous hANGPTL3 mice by ELISA.

Abbr. HO, homozygous

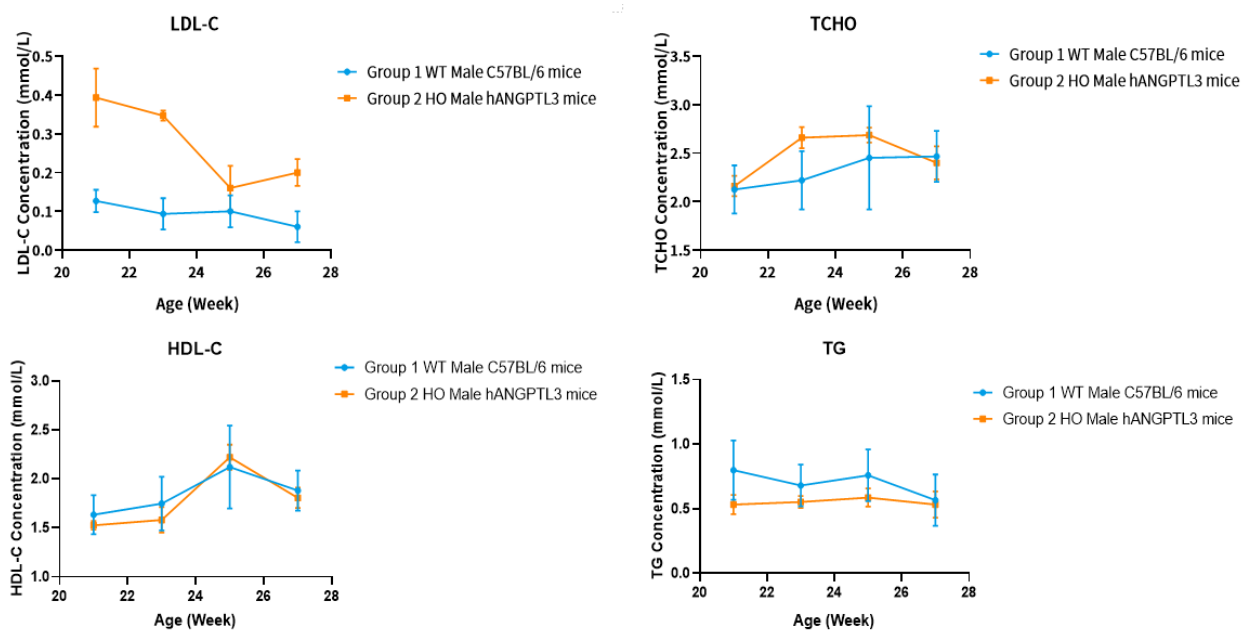


Fig4. Monitoring of serum blood lipids levels in male hANGPTL3 mice (n=3).

Abbr. HO, homozygous; WT, wild type.

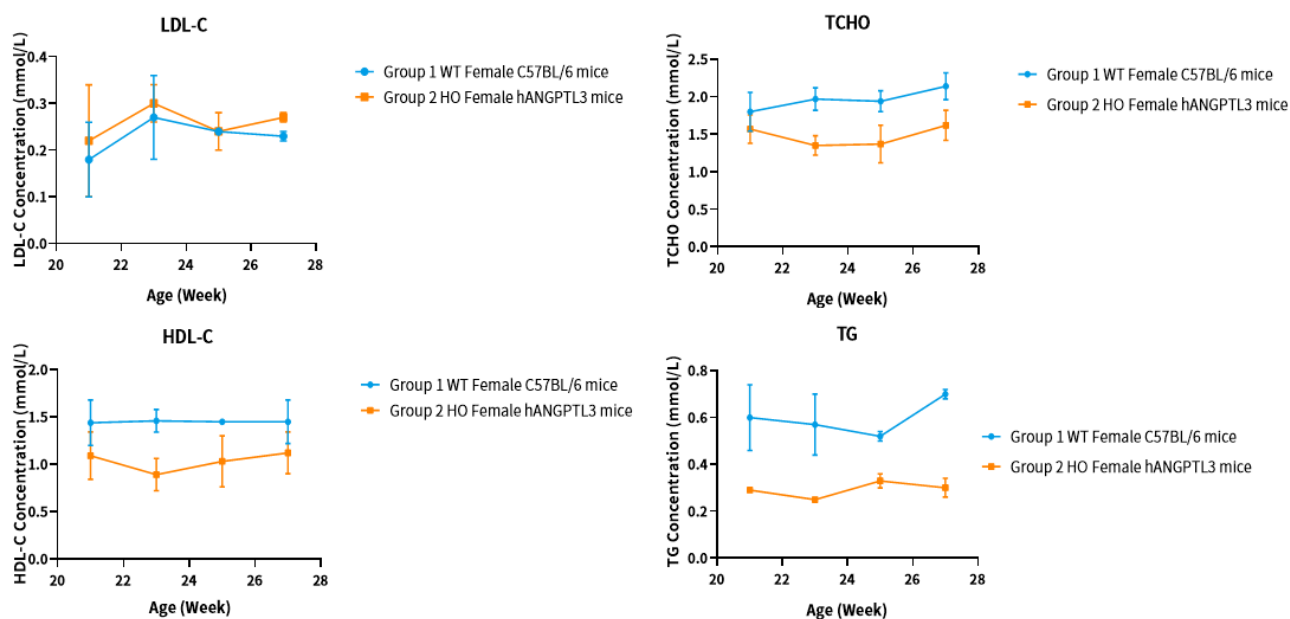


Fig5. Monitoring of serum blood lipids levels in female hANGPTL3 mice (n=2).

Abbr. HO, homozygous; WT, wild type.