

hC1S

品系全名	C57BL/6Smoc- <i>C1s</i> ^{em1(hC1S)/Smoc}
目录号	NM-HU-2000077
品系状态	活体

基因信息

基因名 C1s1	基因曾用名	C1s; C1sa; AA959438; AI255193; AI327365
	NCBI ID	50908
	MGI ID	1355312
	Ensembl ID	ENSMUSG00000038521
	人类同源基因	C1S1

品系描述

通过同源重组，将小鼠C1s1基因进行人源化修饰。

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: hC1S mice (Cat. NO. NM-HU-2000077) were purchased from Shanghai Model Organisms Center, Inc..

验证数据

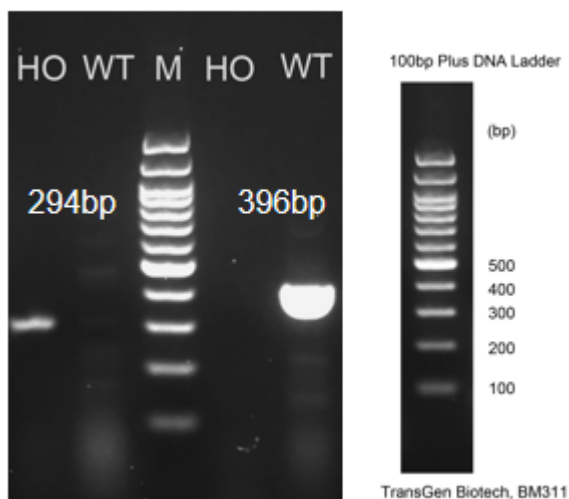


Fig1. Detection of C1S1 expression in bladder by RT-PCR. Wild type: only one band at 396 bp with primers F1/R1(mC1s1); Homozygous: only one band at 294 bp with primers F2/R2(hC1S1); Abbr. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.

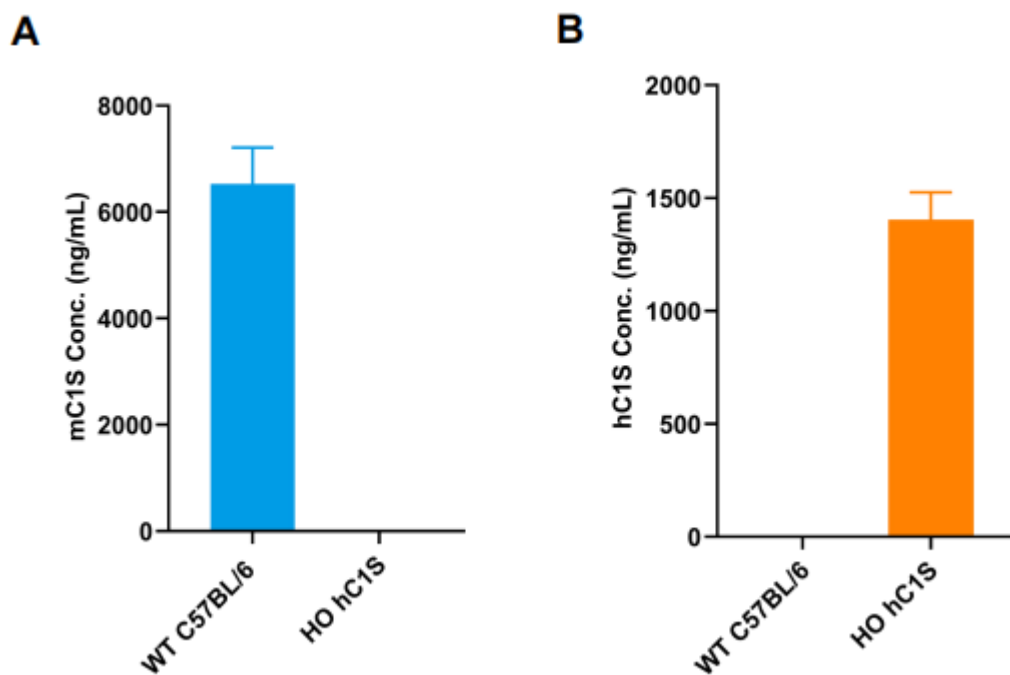


Fig2. Detection of hC1S1 expression in serum by ELISA (n=8). Abbr. HO, homozygous; WT, wild type.

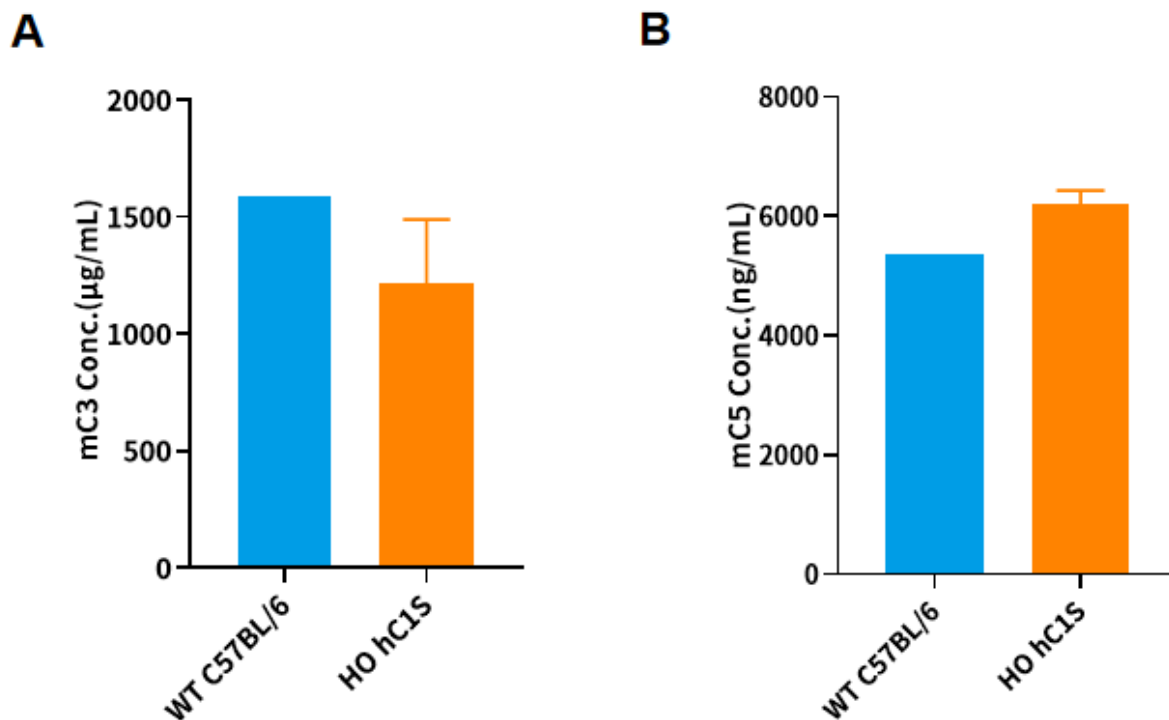


Fig3. Detection of mC3 and mC5 expression in serum hC1S1 mice by ELISA (n=3). Abbr. HO, homozygous; WT, wild type.

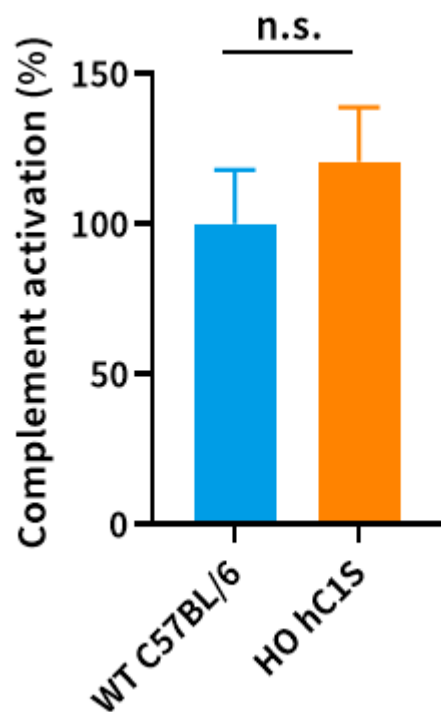


Fig .4 Detection of classical complement pathway activity in hC1S mice by ELISA.

Abbr. HO, homozygous; WT, wild type; PC, Postive Control; NC, Negative Control. Unpaired t test were used, n.s. $p > 0.05$.

