

hSOST

Nomenclature	C57BL/6Smoc- <i>Sost</i> ^{em1(hSOST)Smoc}
Cat. NO.	NM-HU-200251
Strain State	Repository Live

Gene Summary

Gene Symbol Sost	Synonyms	5430411E23Rik
	NCBI ID	74499
	MGI ID	1921749
	Ensembl ID	ENSMUSG000000001494
	Human Ortholog	SOST

Model Description

The endogenous mice *Sost* gene was replaced by human SOST gene. While hSOST(2)(Stock No.NM-HU-215021) mice function similarly to hSOST mice, for more detailed information please contact our technical advisor.

*Literature published using this strain should indicate: hSOST mice (Cat. NO. NM-HU-200251) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

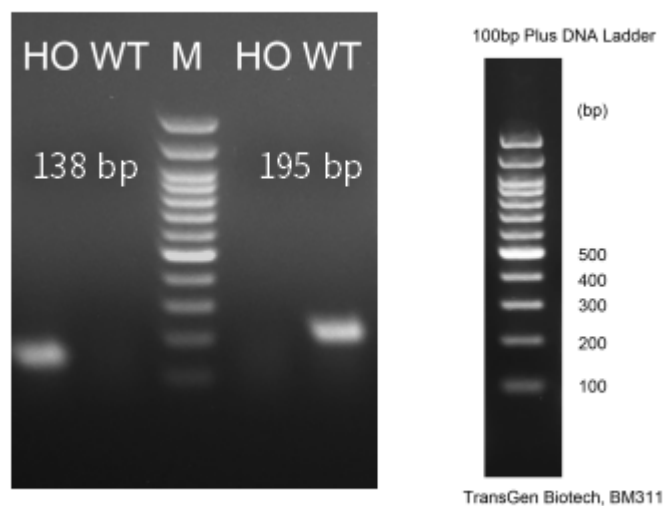


Fig.1 Detection of SOST expression in heart by RT-PCR.

Wild type: only one band at 195 bp with primers F1/R1 (mSost);

Homozygous: only one band at 138 bp with primers F2/R2 (hSOST);

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

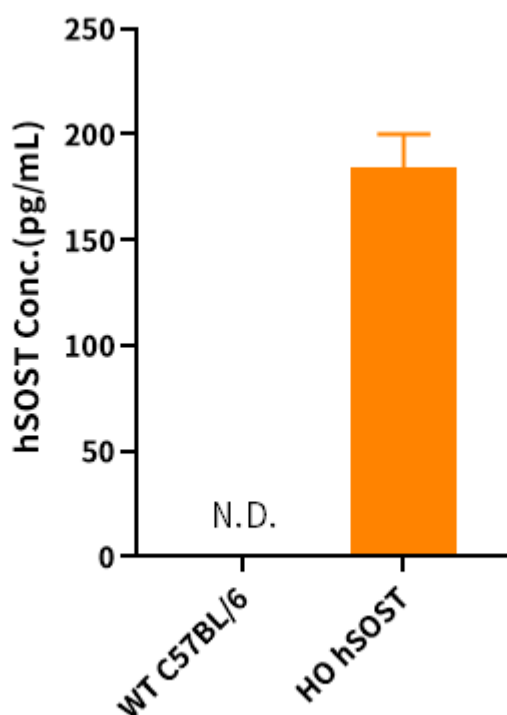


Fig.2 Detection of hSOST expression in plasma by ELISA (n=3).

Abbr. HO, homozygous; WT, wild type.

