

# hSOST

<b>Nomenclature</b>	C57BL/6Smoc- <i>Sost</i> <sup>em1(hSOST)Smoc</sup>
<b>Cat. NO.</b>	NM-HU-200251
<b>Strain State</b>	Embryo cryopreservation

## Gene Summary

<b>Gene Symbol</b> <b>Sost</b>	<b>Synonyms</b>	5430411E23Rik
	<b>NCBI ID</b>	<a href="#">74499</a>
	<b>MGI ID</b>	<a href="#">1921749</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000001494</a>
	<b>Human Ortholog</b>	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

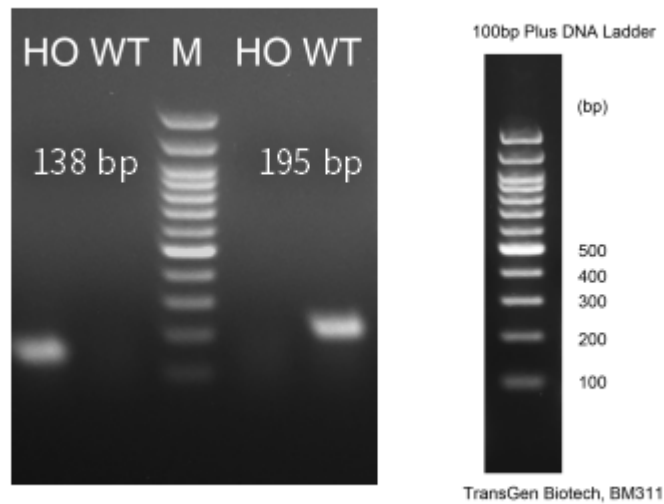


Fig.1 Detection of SOST expression in heart by RT-PCR.

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.

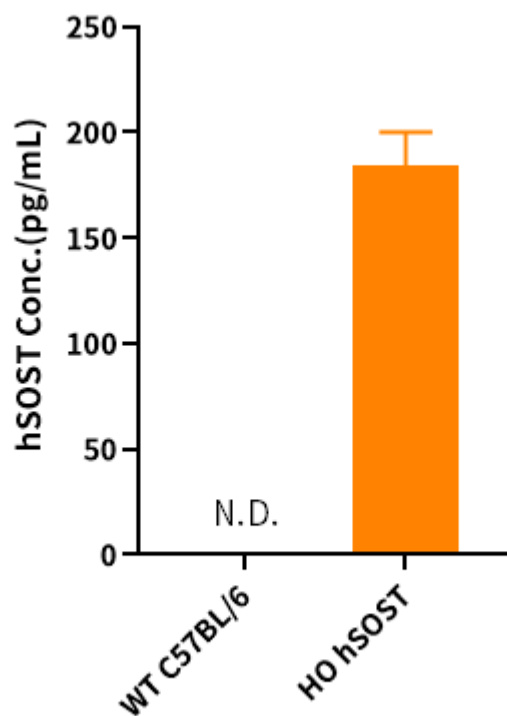


Fig.2 Detection of hSOST expression in plasma by ELISA (n=3).

Abbr. HO, homozygous; WT, wild type.

