

hRSP01

Nomenclature	C57BL/6Smoc- <i>Rspo1</i> ^{tm1(hRSP01)Smoc}
Cat. NO.	NM-HU-225041
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol Rspo1	Synonyms	Rspondin; R-spondin
	NCBI ID	192199
	MGI ID	2183426
	Ensembl ID	ENSMUSG00000028871
	Human Ortholog	RSP01

Model Description

The endogenous mouse *Rspo1* gene was replaced by human RSP01 gene.

*Literature published using this strain should indicate: hRSP01 mice (Cat. NO. NM-HU-225041) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

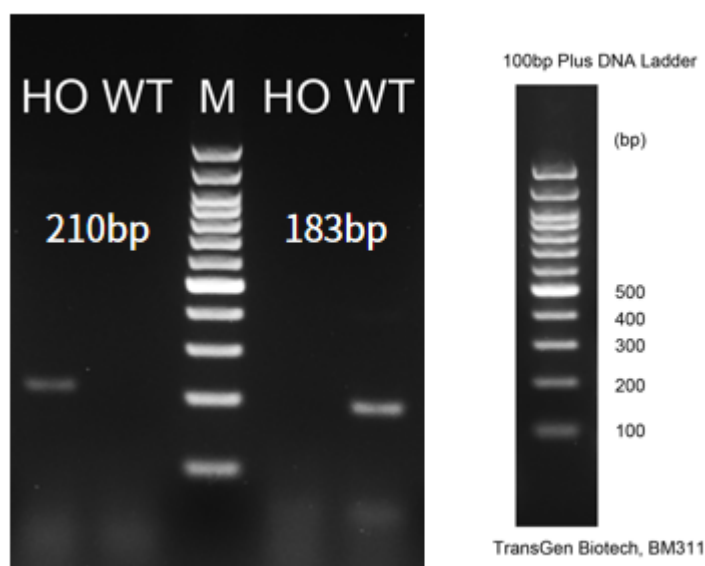


Fig1. Detection of RSP01 expression in lung by RT-PCR.

Wild type: only one band at 183 bp with primers F1/R1 (mRspo1);

Homozygous: only one band at 210 bp with primers F2/R2 (hRSP01);

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

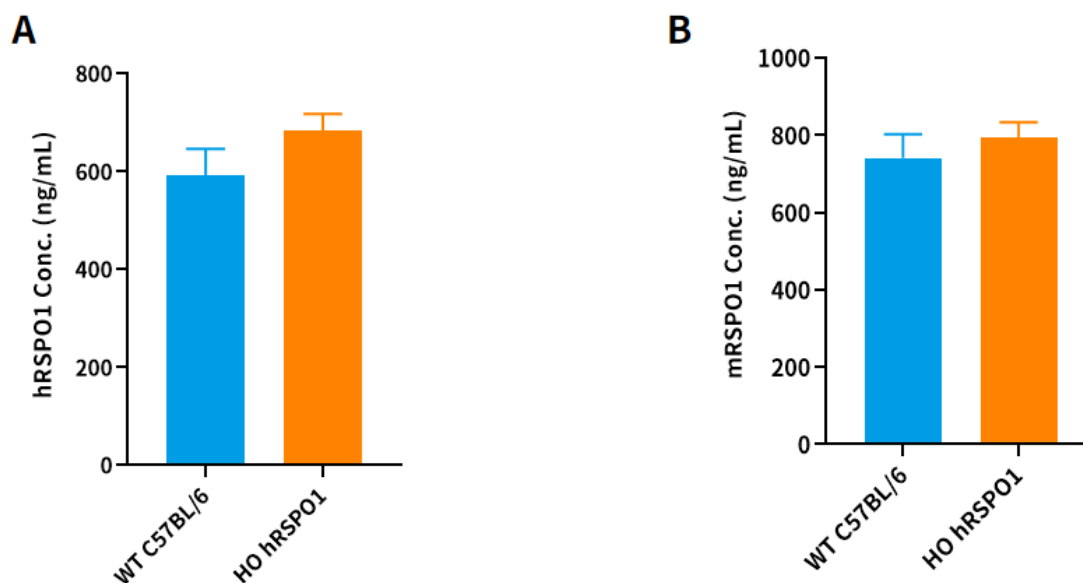


Fig2. Detection of human and mouse RSP01 expression in liver homogenate by ELISA (n=3).

Abbr. HO, homozygous; WT, wild type.

Note. The human and mouse RSP01 ELISA kit cross-reacted with mouse RSP01 and humanized RSP01.