Slco1b2\Slco1a5-KO

敲除Slco1b2基因exon4-16,同时敲除Slco1a5基因的exon 3-15，建立Slco1b2和Slco1a5基因敲除小鼠模型。OATP促进多种有机内源和外源化合物的钠非依赖性摄取转运，例如胆汁酸，类固醇和甲状腺激素及其缀合物，以及许多药物和毒素，该敲除小鼠有助于研究Slco1a/1b家

Nomenclature	C57BL/6Smoc-*Slco1b2*^{em1} *Slco1a5*^{em1Smoc}
Cat. NO.	NM-KO-18030
Strain State	Sperm cryopreservation

Gene Summary

Model Description

敲除Slco1b2基因exon4-16,同时敲除Slco1a5基因的exon 3-15，建立Slco1b2和Slco1a5基因敲除小鼠模型。OATP促进多种有机内源和外源化合物的钠非依赖性摄取转运，例如胆汁酸，类固醇和甲状腺激素及其缀合物，以及许多药物和毒素，该敲除小鼠有助于研究Slco1a/1b家族在这些过程中的贡献。
*Literature published using this strain should indicate: Slco1b2\Slco1a5-KO mice (Cat. NO. NM-KO-18030) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

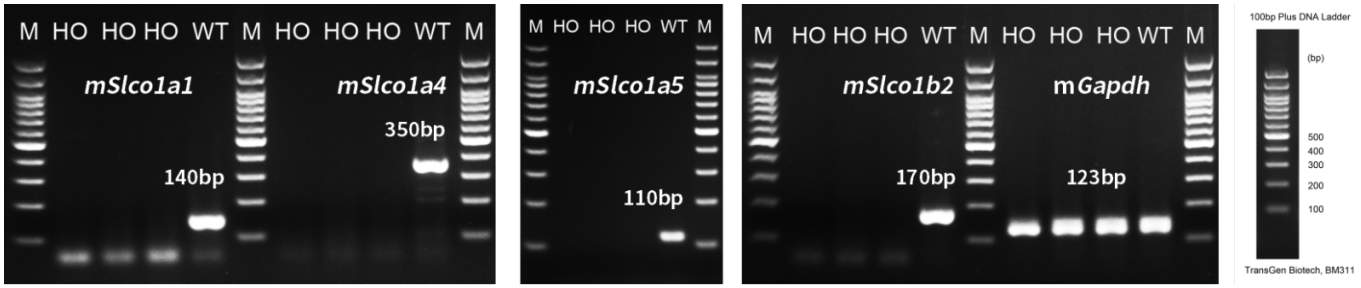

Fig.1 Detection of *Slco1a1*, *Slco1a4*, *Slco1a5* and *Slco1b2* expression in the liver by RT-PCR.

Wild type: one band at 140 bp with primers F1/R1(m*Slco1a1*), one band at 350 bp with primers F2/R2(m*Slco1a4*), one band at 110 bp with primers F3/R3(m*Slco1a5*), one band at 170 bp with primers F4/R4(m*Slco1b2*) and one band at 123 bp with primers F/R(m*Gapdh*).

Homozygous: only one band at 123 bp with primers F/R(m*Gapdh*).

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