

Cyb5r4-KO

Nomenclature	C57BL/6Smoc- <i>Cyb5r4</i> ^{em1Smoc}
Cat. NO.	NM-KO-200941
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol Cyb5r4	Synonyms	b5b5r, B5+B5R, C79736, Ncb5or, b5/b5r, Cb5cb5r, 2810034J18Rik
	NCBI ID	266690
	MGI ID	2386848
	Ensembl ID	ENSMUSG00000032872
	Human Ortholog	CYB5R4

Model Description

Exon 3 of Cyb5r4 gene was deleted to generate Cyb5r4 knockout mice.

*Literature published using this strain should indicate: Cyb5r4-KO mice (Cat. NO. NM-KO-200941) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Type 2 Diabetes Mellitus	Phenotype(s)	MGI:3051529
	Reference(s)	Xie J, Zhu H, Larade K, Ladoux A, Seguritan A, Chu M, Ito S, Bronson RT, Leiter EH, Zhang CY, Rosen ED, Bunn HF, Absence of a reductase, NCB5OR, causes insulin-deficient diabetes. Proc Natl Acad Sci U S A. 2004 Jul 20;101(29):10750-5

Validation Data

No data