

Phox2a-KO

Nomenclature	C57BL/6Smoc- <i>Phox2a</i> ^{em1Smoc}
Cat. NO.	NM-KO-201323
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol Phox2a	Synonyms	Arix, Pmx2, Px2a, Phox2, Pmx2a
	NCBI ID	11859
	MGI ID	106633
	Ensembl ID	ENSMUSG00000007946
	Human Ortholog	PHOX2A

Model Description

Exon 2 of Phox2a gene was deleted to generate Phox2a knockout mice.

*Literature published using this strain should indicate: Phox2a-KO mice (Cat. NO. NM-KO-201323) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Type 2 Diabetes Mellitus	Phenotype(s)	MGI:3531404
	Reference(s)	Clement S, Krause U, Desmedt F, Tanti JF, Behrends J, Pesesse X, Sasaki T, Penninger J, Doherty M, Malaisse W, Dumont JE, Le Marchand-Brustel Y, Erneux C, Hue L, Schurmans S, The lipid phosphatase SHIP2 controls insulin sensitivity. (Erratum: Nature 2004 Oct 14;4131(7010):878). Nature. 2001 Jan 4;409(6816):92-7

Validation Data

No data

