

Mafa-KO

Nomenclature	C57BL/6Smoc- <i>Mafa</i> ^{em1Smoc}
Cat. NO.	TBD
Strain State	Developing

Gene Summary

Gene Symbol Mafa	Synonyms	RIPE3b1
	NCBI ID	378435
	MGI ID	2673307
	Ensembl ID	ENSMUSG000000047591
	Human Ortholog	MAFA

Model Description

Exon 1 of Mafa gene was deleted to generate Mafa knockout mice.

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

Disease Connection

type 2 diabetes mellitus	Phenotype(s)	MGI:3582680
	Reference(s)	Zhang C, Moriguchi T, Kajihara M, Esaki R, Harada A, Shimohata H, Oishi H, Hamada M, Morito N, Hasegawa K, Kudo T, Engel JD, Yamamoto M, Takahashi S, MafA is a key regulator of glucose-stimulated insulin secretion. Mol Cell Biol. 2005 Jun;25(12):4969-76

Validation Data

No data