

Madd-Flox

Nomenclature	C57BL/6Smoc- <i>Madd</i> ^{em1(flox)Smoc}
Cat. NO.	TBD
Strain State	Developing

Gene Summary

Gene Symbol Madd	Synonyms	IG20, 9630059K23Rik
	NCBI ID	228355
	MGI ID	2444672
	Ensembl ID	ENSMUSG00000040687
	Human Ortholog	MADD

Model Description

These mice carry loxP sites flanking target exons of Madd gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of Madd gene.

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

Disease Connection

Type 2 Diabetes Mellitus	Phenotype(s)	MGI:5789257 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Ins2-cre/ERT mice.
	Reference(s)	Li LC, Wang Y, Carr R, Haddad CS, Li Z, Qian L, Oberholzer J, Maker AV, Wang Q, Prabhakar BS, IG20/MADD plays a critical role in glucose-induced insulin secretion. Diabetes. 2014 May;63(5):1612-23

Validation Data

No data

