

Mdm4-Flox

Nomenclature	C57BL/6Smoc- <i>Mdm4</i> ^{em1(flox)Smoc}
Cat. NO.	TBD
Strain State	Developing

Gene Summary

Gene Symbol Mdm4	Synonyms	Mdmx, C85810, AA414968, AL023055, AU018793, AU021806, 4933417N07Rik
	NCBI ID	17248
	MGI ID	107934
	Ensembl ID	ENSMUSG00000054387
	Human Ortholog	MDM4

Model Description

These mice carry loxP sites flanking target exons of Mdm4 gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of Mdm4 gene.

*Literature published using this strain should indicate: Mdm4-Flox mice (Cat. NO. TBD) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Dilated Cardiomyopathy	Phenotype(s)	MGI:3616711 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Myh6-cre mice.
	Reference(s)	Xiong S, Van Pelt CS, Elizondo-Fraire AC, Fernandez-Garcia B, Lozano G, Loss of Mdm4 results in p53-dependent dilated cardiomyopathy. Circulation. 2007 Jun 12;115(23):2925-30

Validation Data

No data
