

Myocd-Flox

系統名	C57BL/6Smoc- <i>Myocd</i> ^{em1(flox)Smoc}
SMOC番号	TBD
維持形態	Developing

遺伝子の概要

Gene Symbol Myocd	Synonyms	Srfcp, BSAC2A
	NCBI ID	214384
	MGI ID	2137495
	Ensembl ID	ENSMUSG00000020542
	Human Ortholog	MYOCD

説明

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

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

病気の予測

Patent Ductus Arteriosus	表現型	MGI:3797716 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Pax3-cre mice.
	参考文献	Huang J, Cheng L, Li J, Chen M, Zhou D, Lu MM, Proweller A, Epstein JA, Parmacek MS, Myocardin regulates expression of contractile genes in smooth muscle cells and is required for closure of the ductus arteriosus in mice. <i>J Clin Invest.</i> 2008 Feb;118(2):515-25

Dilated Cardiomyopathy	表現型	MGI:5907042 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Myh6-cre mice.
	参考文献	Huang J, Min Lu M, Cheng L, Yuan LJ, Zhu X, Stout AL, Chen M, Li J, Parmacek MS, Myocardin is required for cardiomyocyte survival and maintenance of heart function. Proc Natl Acad Sci U S A. 2009 Nov 3;106(44):18734-9

表現型データ

No data