

Ldb3-Flox

Nomenclature	C57BL/6Smoc- <i>Ldb3</i> ^{em1(flox)Smoc}
Cat. NO.	TBD
Strain State	Developing

Gene Summary

Gene Symbol Ldb3	Synonyms	ZASP, PDLIM6, AW742271
	NCBI ID	24131
	MGI ID	1344412
	Ensembl ID	ENSMUSG00000021798
	Human Ortholog	LDB3

Model Description

These mice carry loxP sites flanking target exons of *Ldb3* gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of *Ldb3* gene.

*Literature published using this strain should indicate: *Ldb3*-Flox mice (Cat. NO. TBD) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Dilated Cardiomyopathy 1C	Phenotype(s)	MGI:3832389 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Myl2-Cre mice.
	Reference(s)	Zheng M, Cheng H, Li X, Zhang J, Cui L, Ouyang K, Han L, Zhao T, Gu Y, Dalton ND, Bang ML, Peterson KL, Chen J, Cardiac-specific ablation of Cypher leads to a severe form of dilated cardiomyopathy with premature death. Hum Mol Genet. 2009 Feb 15;18(4):701-13

dilated cardiomyopathy 1C	Phenotype(s)	MGI:3832390 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Myh6-cre mice.
	Reference(s)	Zheng M, Cheng H, Li X, Zhang J, Cui L, Ouyang K, Han L, Zhao T, Gu Y, Dalton ND, Bang ML, Peterson KL, Chen J, Cardiac-specific ablation of Cypher leads to a severe form of dilated cardiomyopathy with premature death. Hum Mol Genet. 2009 Feb 15;18(4):701-13

Validation Data

No data