

# Ldb3-Flox

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

## Gene Summary

<b>Gene Symbol</b> <b>Ldb3</b>	<b>Synonyms</b>	ZASP, PDLIM6, AW742271
	<b>NCBI ID</b>	<a href="#">24131</a>
	<b>MGI ID</b>	<a href="#">1344412</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000021798</a>
	<b>Human Ortholog</b>	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

<b>Dilated Cardiomyopathy 1C</b>	<b>Phenotype(s)</b>	<a href="#">MGI:3832389</a> Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Myl2-Cre mice.
	<b>Reference(s)</b>	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

<b>dilated cardiomyopathy 1C</b>	<b>Phenotype(s)</b>	<a href="#">MGI:3832390</a> Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Myh6-cre mice.
	<b>Reference(s)</b>	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