

# Pdlim5-Flox

<b>Nomenclature</b>	C57BL/6Smoc- <i>Pdlim5</i> <sup>em1(flox)Smoc</sup>
<b>Cat. NO.</b>	TBD
<b>Strain State</b>	Developing

## Gene Summary

<b>Gene Symbol</b> Pdlim5	<b>Synonyms</b>	Enh, LIM, Enh1, Enh2, Enh3, C87059, AI987914, 1110001A05Rik
	<b>NCBI ID</b>	<a href="#">56376</a>
	<b>MGI ID</b>	<a href="#">1927489</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000028273</a>
	<b>Human Ortholog</b>	PDLIM5

## Model Description

These mice carry loxP sites flanking target exons of Pdlim5 gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of Pdlim5 gene.

\*Literature published using this strain should indicate: Pdlim5-Flox mice (Cat. NO. TBD) were purchased from Shanghai Model Organisms Center, Inc..

## Disease Connection

<b>Dilated Cardiomyopathy</b>	<b>Phenotype(s)</b>	<a href="#">MGI:5284901</a> Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Tnnt2-cre mice.
	<b>Reference(s)</b>	Cheng H, Kimura K, Peter AK, Cui L, Ouyang K, Shen T, Liu Y, Gu Y, Dalton ND, Evans SM, Knowlton KU, Peterson KL, Chen J, Loss of enigma homolog protein results in dilated cardiomyopathy. Circ Res. 2010 Aug 6;107(3):348-56

## Validation Data

No data

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