

Pdlim5-Flox

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

Gene Summary

Gene Symbol Pdlim5	Synonyms	Enh, LIM, Enh1, Enh2, Enh3, C87059, AI987914, 1110001A05Rik
	NCBI ID	56376
	MGI ID	1927489
	Ensembl ID	ENSMUSG00000028273
	Human Ortholog	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

Dilated Cardiomyopathy	Phenotype(s)	MGI:5284901 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with <i>Tnnt2</i> -cre mice.
	Reference(s)	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. <i>Circ Res.</i> 2010 Aug 6;107(3):348-56

Validation Data

No data
