

Egln1-Flox

系統名	C57BL/6Smoc- <i>Egln1</i> ^{em1(flox)Smoc}
SMOC番号	NM-CKO-2100497
維持形態	Repository Live

遺伝子の概要

Gene Symbol Egln1	Synonyms	Phd2; HPH-2; ORF13; SM-20; C1orf12; HIF-PH2; AI503754; Hif-p4h-2
	NCBI ID	112405
	MGI ID	1932286
	Ensembl ID	ENSMUSG00000031987
	Human Ortholog	EGLN1

説明

These mice carry loxP sites flanking exon 2-3 of *Egln1* gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of *Egln1* gene.

*Literature published using this strain should indicate: *Egln1*-Flox mice (Cat. NO. NM-CKO-2100497) were purchased from Shanghai Model Organisms Center, Inc..

病気の予測

Cardiomyopathy	表現型	MGI:5304713 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with <i>Egln3</i> -Flox(NM-CKO-2108727) and <i>Myh6</i> -cre mice.
	参考文献	Moslehi J, Minamishima YA, Shi J, Neuberg D, Charytan DM, Padera RF, Signoretti S, Liao R, Kaelin WG Jr, Loss of hypoxia-inducible factor prolyl hydroxylase activity in cardiomyocytes phenocopies ischemic cardiomyopathy. <i>Circulation</i> . 2010 Sep 7;122(10):1004-16

表現型データ

No data
