

Bmpr2-Flox

系統名	C57BL/6Smoc- <i>Bmpr2</i> ^{em1(flox)Smoc}
SMOC番号	NM-CKO-2100061
維持形態	Sperm cryopreservation

遺伝子の概要

Gene Symbol Bmpr2	Synonyms	BMP-2; BRK-3; BMPR-2; BMPRII; BMPR-II; Gm20272; AL117858; AW546137; BB189135; 2610024H22Rik
	NCBI ID	12168
	MGI ID	1095407
	Ensembl ID	ENSMUSG00000067336
	Human Ortholog	BMPR2

説明

These mice carry loxP sites flanking exon 4-5 of *Bmpr2* gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of *Bmpr2* gene.

*Literature published using this strain should indicate: *Bmpr2*-Flox mice (Cat. NO. NM-CKO-2100061) were purchased from Shanghai Model Organisms Center, Inc..

病気の予測

Primary Pulmonary Hypertension	表現型	MGI:5430750 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with <i>Acvr11</i> -cre mice.
	参考文献	Hong KH, Lee YJ, Lee E, Park SO, Han C, Beppu H, Li E, Raizada MK, Bloch KD, Oh SP, Genetic ablation of the BMPR2 gene in pulmonary endothelium is sufficient to predispose to pulmonary arterial hypertension. <i>Circulation</i> . 2008 Aug 12;118(7):722-30

表現型データ

No data
