

Ptger4-Flox

Nomenclature	C57BL/6Smoc- <i>Ptger4</i> ^{em1(flox)Smoc}
Cat. NO.	NM-CKO-2100609
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol Ptger4	Synonyms	EP4; Ptgerep4
	NCBI ID	19219
	MGI ID	104311
	Ensembl ID	ENSMUSG00000039942
	Human Ortholog	PTGER4

Model Description

These mice carry loxP sites flanking exon 2 of *Ptger4* gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of *Ptger4* gene.

*Literature published using this strain should indicate: *Ptger4*-Flox mice (Cat. NO. NM-CKO-2100609) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Dilated Cardiomyopathy	Phenotype(s)	MGI:5906377 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Myh6-cre mice.
	Reference(s)	Harding P, Yang XP, Yang J, Shesely E, He Q, LaPointe MC, Gene expression profiling of dilated cardiomyopathy in older male EP4 knockout mice. Am J Physiol Heart Circ Physiol. 2010 Feb;298(2):H623-32

Validation Data

No data

