

Cenpf-Flox

Nomenclature	C57BL/6Smoc- <i>Cenpf</i> ^{em(flox)/Smoc}
Cat. NO.	NM-CKO-220268
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol Cenpf	Synonyms	CENF, Lek1, PRO1779, mitosin, AI325968, 6530404A22Rik
	NCBI ID	108000
	MGI ID	1313302
	Ensembl ID	ENSMUSG00000026605
	Human Ortholog	CENPF

Model Description

These mice carry loxP sites flanking exon3 of *Cenpf*. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of *Cenpf* gene.

*Literature published using this strain should indicate: *Cenpf*-Flox mice (Cat. NO. NM-CKO-220268) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Dilated Cardiomyopathy	Phenotype(s)	MGI:5467575 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with <i>Tnnt2</i> -cre mice.
	Reference(s)	Dees E, Miller PM, Moynihan KL, Pooley RD, Hunt RP, Galindo CL, Rottman JN, Bader DM, Cardiac-specific deletion of the microtubule-binding protein CENP-F causes dilated cardiomyopathy. <i>Dis Model Mech</i> . 2012 Jul;5(4):468-80

Validation Data

No data
