

# Senp1-Flox

系統名	C57BL/6Smoc- <i>Senp1</i> <sup>em1(flox)Smoc</sup>
SMOC番号	NM-CKO-200277
維持形態	Sperm cryopreservation

## 遺伝子の概要

Gene Symbol Senp1	Synonyms	suPr-2; D15Ert528e; 2310046A20Rik; E330036L07Rik
	NCBI ID	<a href="#">223870</a>
	MGI ID	<a href="#">2445054</a>
	Ensembl ID	<a href="#">ENSMUSG00000033075</a>
	Human Ortholog	SENP1

## 説明

These mice carry loxP sites flanking exon 4 of *Senp1* gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of *Senp1* gene.

\*Literature published using this strain should indicate: *Senp1*-Flox mice (Cat. NO. NM-CKO-200277) were purchased from Shanghai Model Organisms Center, Inc..

## 病気の予測

Type 1 Diabetes Mellitus	表現型	<a href="#">MGI:5707775</a> Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with <i>Fabp4</i> -cre mice.
	参考文献	Shao L, Zhou HJ, Zhang H, Qin L, Hwa J, Yun Z, Ji W, Min W, SENP1-mediated NEMO deSUMOylation in adipocytes limits inflammatory responses and type-1 diabetes progression. <i>Nat Commun.</i> 2015;6:8917

## 表現型データ

No data

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