

Sirt1-Flox

系統名	C57BL/6Smoc- <i>Sirt1</i> ^{tm1(flox)Smoc}
SMOC番号	NM-CKO-190037
維持形態	Repository Live

遺伝子の概要

Gene Symbol Sirt1	Synonyms	Sir2, Sir2a, SIR2L1, AA673258, Sir2alpha
	NCBI ID	93759
	MGI ID	2135607
	Ensembl ID	ENSMUSG00000020063
	Human Ortholog	SIRT1

説明

These mice carry loxP sites flanking exon3 of Sirt1 gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of Sirt1 gene.

応用分野: Epigenetic

*Literature published using this strain should indicate: Sirt1-Flox mice (Cat. NO. NM-CKO-190037) were purchased from Shanghai Model Organisms Center, Inc..

病気の予測

Fatty Liver Disease	表現型	MGI:5305254 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Alb1-cre mice.
	参考文献	Wang RH, Li C, Deng CX, Liver steatosis and increased ChREBP expression in mice carrying a liver specific SIRT1 null mutation under a normal feeding condition. Int J Biol Sci. 2010;6(7):682-90

表現型データ

No data
