

Dot1l-Flox

系統名	C57BL/6Smoc- <i>Dot1l</i> ^{em1(flox)Smoc}
SMOC番号	TBD
維持形態	Developing

遺伝子の概要

Gene Symbol Dot1l	Synonyms	Dot1, KMT4, mDot1, AW907654, A630076007
	NCBI ID	208266
	MGI ID	2143886
	Ensembl ID	ENSMUSG00000061589
	Human Ortholog	DOT1L

説明

These mice carry loxP sites flanking target exons of Dot1l gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of Dot1l gene.

*Literature published using this strain should indicate: Dot1l-Flox mice (Cat. NO. TBD) were purchased from Shanghai Model Organisms Center, Inc..

病気の予測

Dilated Cardiomyopathy 1A	表現型	MGI:5424158 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Myhca-cre mice.
	参考文献	Nguyen AT, Xiao B, Neppl RL, Kallin EM, Li J, Chen T, Wang DZ, Xiao X, Zhang Y, DOT1L regulates dystrophin expression and is critical for cardiac function. Genes Dev. 2011 Feb 1;25(3):263-74

表現型データ

No data

