

Cdkn1a-Flox

系統名	C57BL/6Smoc- <i>Cdkn1a</i> ^{em2(flox)Smoc}
SMOC番号	NM-CKO-200033
維持形態	Repository Live

遺伝子の概要

Gene Symbol Cdkn1a	Synonyms	P21, CDKI, CIP1, SDI1, Waf1, mda6, CAP20, Cdkn1, p21WAF, p21Cip1
	NCBI ID	12575
	MGI ID	104556
	Ensembl ID	ENSMUSG00000023067
	Human Ortholog	CDKN1A

説明

These mice carry loxP sites flanking exon 2-3 of *Cdkn1a* gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of *Cdkn1a* gene.

応用分野: Cancer research

*Literature published using this strain should indicate: *Cdkn1a*-Flox mice (Cat. NO. NM-CKO-200033) were purchased from Shanghai Model Organisms Center, Inc..

病気の予測

Urinary Bladder Cancer	表現型	MGI:5790498 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with <i>Ctnnb1</i> -Flox(NM-CKO-200154) and <i>Upk2-cre</i> mice.
	参考文献	Ahmad I, Patel R, Liu Y, Singh LB, Taketo MM, Wu XR, Leung HY, Sansom OJ, Ras mutation cooperates with beta-catenin activation to drive bladder tumourigenesis. <i>Cell Death Dis.</i> 2011;2:e124

表現型データ

No data
