

Cdkn1a-KO

系統名	C57BL/6Smoc- <i>Cdkn1a</i> ^{em1Smoc}
SMOC番号	NM-KO-190774
維持形態	Sperm cryopreservation

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

Exon 2-3 of Cdkn1a gene was deleted to generate Cdkn1a knockout mice.

応用分野: Mice that lack this gene have the ability to regenerate damaged or missing tissue.

*Literature published using this strain should indicate: Cdkn1a-KO mice (Cat. NO. NM-KO-190774) were purchased from Shanghai Model Organisms Center, Inc..

病気の予測

Systemic Lupus Erythematosus	表現型	MGI:3618363 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Gadd45a-KO(NM-KO-200590) mice.
	参考文献	Salvador JM, Hollander MC, Nguyen AT, Kopp JB, Barisoni L, Moore JK, Ashwell JD, Fornace AJ, Mice Lacking the p53-Effector Gene Gadd45a Develop a Lupus-Like Syndrome. <i>Immunity</i> . 2002 Apr;16(4):499-508

Hepatocellular Carcinoma	表現型	MGI:3046808
	参考文献	Wang Y, Cui F, Lv Y, Li C, Xu X, Deng C, Wang D, Sun Y, Hu G, Lang Z, Huang C, Yang X, HBsAg and HBx knocked into the p21 locus causes hepatocellular carcinoma in mice. Hepatology. 2004 Feb;39(2):318-24
Systemic Lupus Erythematosus	表現型	MGI:3615496
	参考文献	Salvador JM, Hollander MC, Nguyen AT, Kopp JB, Barisoni L, Moore JK, Ashwell JD, Fornace AJ, Mice Lacking the p53-Effector Gene Gadd45a Develop a Lupus-Like Syndrome. Immunity. 2002 Apr;16(4):499-508

表現型データ

No data