

Mus81-KO

系統名	C57BL/6Smoc- <i>Mus81</i> ^{em1Smoc}
SMOC番号	NM-KO-200638
維持形態	Embryo cryopreservation

遺伝子の概要

Gene Symbol Mus81	Synonyms	AI182501, AW045863, 1200008A18Rik
	NCBI ID	71711
	MGI ID	1918961
	Ensembl ID	ENSMUSG00000024906
	Human Ortholog	MUS81

説明

Exon 1-10 of Mus81 gene was deleted to generate Mus81 knockout mice.

応用分野: Research on homologous DNA pairing and strand exchange and DNA double-strand break repair

*Literature published using this strain should indicate: Mus81-KO mice (Cat. NO. NM-KO-200638) were purchased from Shanghai Model Organisms Center, Inc..

病気の予測

Marfan Syndrome	表現型	MGI:3794044
	参考文献	Hanada K, Vermeij M, Garinis GA, de Waard MC, Kunen MG, Myers L, Maas A, Duncker DJ, Meijers C, Dietz HC, Kanaar R, Essers J, Perturbations of vascular homeostasis and aortic valve abnormalities in fibulin-4 deficient mice. <i>Circ Res.</i> 2007 Mar 16;100(5):738-46

Pulmonary Emphysema	表現型	MGI:5661527
	参考文献	Ramnath NW, van de Luitgaarden KM, van der Pluijm I, van Nimwegen M, van Heijningen PM, Swagemakers SM, van Thiel BS, Ridwan RY, van Vliet N, Vermeij M, Hawinkels LJ, de Munck A, Dzyubachyk O, Meijering E, van der Spek P, Rottier R, Yanagisawa H, Hendriks RW, Kanaar R, Rouwet EV, Kleinjan A, Essers J, Extracellular matrix defects in aneurysmal Fibulin-4 mice predispose to lung emphysema. PLoS One. 2014;9(9):e106054

表現型データ

No data