

Flvcr1-Flox

系統名	C57BL/6Smoc- <i>Flvcr1</i> ^{em1(flox)Smoc}
SMOC番号	NM-CKO-200054
維持形態	Embryo cryopreservation

遺伝子の概要

Gene Symbol Flvcr1	Synonyms	FLVCR, Mfsd7b, 9630055N22Rik
	NCBI ID	226844
	MGI ID	2444881
	Ensembl ID	ENSMUSG00000066595
	Human Ortholog	FLVCR1

説明

These mice carry loxP sites flanking exon 3 of *Flvcr1* gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of *Flvcr1* gene.

応用分野: Diseases associated with FLVCR1 include Posterior Column Ataxia With Retinitis Pigmentosa and Posterior Column Ataxia.

*Literature published using this strain should indicate: *Flvcr1*-Flox mice (Cat. NO. NM-CKO-200054) were purchased from Shanghai Model Organisms Center, Inc..

病気の予測

Diamond-Blackfan Anemia	表現型	MGI:3807529 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Mx1-cre mice.
	参考文献	Keel SB, Doty RT, Yang Z, Quigley JG, Chen J, Knoblauch S, Kingsley PD, De Domenico I, Vaughn MB, Kaplan J, Palis J, Abkowitz JL, A heme export protein is required for red blood cell differentiation and iron homeostasis. <i>Science</i> . 2008 Feb 8;319(5864):825-8

表現型データ

No data
