

# Mapk1-Flox

系統名	C57BL/6Smoc- <i>Mapk1</i> <sup>em(flox)Smoc</sup>
SMOC番号	NM-CKO-230225
維持形態	Sperm cryopreservation

## 遺伝子の概要

Gene Symbol Mapk1	Synonyms	ERK, Erk2, MAPK2, PRKM2, Prkm1, C78273, p41mapk, p42mapk, AA407128, AU018647, 9030612K14Rik
	NCBI ID	<a href="#">26413</a>
	MGI ID	<a href="#">1346858</a>
	Ensembl ID	<a href="#">ENSMUSG00000063358</a>
	Human Ortholog	MAPK1

## 説明

These mice carry loxP sites flanking exon 2-3 of Mapk1. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of Mapk1 gene.

\*Literature published using this strain should indicate: Mapk1-Flox mice (Cat. NO. NM-CKO-230225) were purchased from Shanghai Model Organisms Center, Inc..

## 病気の予測

Autism Spectrum Disorder	表現型	<a href="#">MGI:5293439</a> Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Nes-cre mice.
	参考文献	Satoh Y, Endo S, Nakata T, Kobayashi Y, Yamada K, Ikeda T, Takeuchi A, Hiramoto T, Watanabe Y, Kazama T, ERK2 contributes to the control of social behaviors in mice. J Neurosci. 2011 Aug 17;31(33):11953-67

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## 表現型データ

No data

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