

# Lmx1a-Flox

系統名	C57BL/6Smoc- <i>Lmx1a</i> <sup>em1(flox)Smoc</sup>
SMOC番号	TBD
維持形態	Developing

## 遺伝子の概要

Gene Symbol <b>Lmx1a</b>	<b>Synonyms</b>	dr, sst, Lmx1.1, dreher
	<b>NCBI ID</b>	<a href="#">110648</a>
	<b>MGI ID</b>	<a href="#">1888519</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000026686</a>
	<b>Human Ortholog</b>	LMX1A

## 説明

These mice carry loxP sites flanking target exons of Lmx1a gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of Lmx1a gene.

\*Literature published using this strain should indicate: Lmx1a-Flox mice (Cat. NO. TBD) were purchased from Shanghai Model Organisms Center, Inc..

## 病気の予測

Parkinson's Disease	<b>表現型</b>	<a href="#">MGI:5647883</a> Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Lmx1b-Flox(NM-CKO-200117) and Slc6a3-cre mice.
	<b>参考文献</b>	Laguna A, Schintu N, Nobre A, Alvarsson A, Volakakis N, Jacobsen JK, Gomez-Galan M, Sopova E, Joodmardi E, Yoshitake T, Deng Q, Kehr J, Ericson J, Svenningsson P, Shupliakov O, Perlmann T, Dopaminergic control of autophagic-lysosomal function implicates Lmx1b in Parkinson's disease. Nat Neurosci. 2015 Jun;18(6):826-35

## 表現型データ

No data

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