

# Drd1-Flox

系統名	C57BL/6Smoc- <i>Drd1</i> <sup>em1(flox)Smoc</sup>
SMOC番号	NM-CKO-200159
維持形態	Repository Live

## 遺伝子の概要

Gene Symbol Drd1	Synonyms	Drd-1; Drd1a; Gpcr15; C030036C15Rik
	NCBI ID	<a href="#">13488</a>
	MGI ID	<a href="#">99578</a>
	Ensembl ID	<a href="#">ENSMUSG00000021478</a>
	Human Ortholog	DRD1

## 説明

These mice carry loxP sites flanking exon 2 of *Drd1* gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of *Drd1* gene.

**応用分野:** Research on the Signal Transduction of Monoamine GPCR and GPCR

\*Literature published using this strain should indicate: Drd1-Flox mice (Cat. NO. NM-CKO-200159) were purchased from Shanghai Model Organisms Center, Inc..

## 病気の予測

<b>Huntington's Disease</b>	<b>表現型</b>	<a href="#">MGI:3709758</a> Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Drd1-Flox(NM-CKO-200159) mice.
	<b>参考文献</b>	Gantois I, Fang K, Jiang L, Babovic D, Lawrence AJ, Ferreri V, Teper Y, Jupp B, Ziebell J, Morganti-Kossmann CM, O'Brien TJ, Nally R, Schutz G, Waddington J, Egan GF, Drago J, Ablation of D1 dopamine receptor-expressing cells generates mice with seizures, dystonia, hyperactivity, and impaired oral behavior. Proc Natl Acad Sci U S A. 2007 Mar 6;104(10):4182-7

### 表現型データ

No data