

Oprm1-KO

Nomenclature	C57BL/6Smoc- <i>Oprm1</i> ^{em1Smoc}
Cat. NO.	NM-KO-190643
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol Oprm1	Synonyms	mor; Oprm; muOR; MOP-R; MOR-1; M-OR-1; MOR-10
	NCBI ID	18390
	MGI ID	97441
	Ensembl ID	ENSMUSG00000000766
	Human Ortholog	OPRM1

Model Description

Exon 3 of Oprm1 gene was deleted to generate Oprm1 knockout mice.

Research Application: dopamine system

*Literature published using this strain should indicate: Oprm1-KO mice (Cat. NO. NM-KO-190643) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Autism Spectrum Disorder	Phenotype(s)	MGI:5538574
	Reference(s)	Wohr M, Moles A, Schwarting RK, D'Amato FR, Lack of social exploratory activation in male mu-opioid receptor KO mice in response to playback of female ultrasonic vocalizations. Soc Neurosci. 2011;6(1):76-87

Validation Data

No data