

# Eif4ebp2-KO

系統名	C57BL/6Smoc- <i>Eif4Ebp2</i> <sup>em1Smoc</sup>
SMOC番号	NM-KO-191121
維持形態	Embryo cryopreservation

## 遺伝子の概要

Gene Symbol Eif4ebp2	Synonyms	4E-BP2, PHAS-II, AA792569, BC010348, 2810011119Rik
	NCBI ID	<a href="#">13688</a>
	MGI ID	<a href="#">109198</a>
	Ensembl ID	<a href="#">ENSMUSG00000020091</a>
	Human Ortholog	EIF4EBP2

## 説明

Exon 3-4 of Eif4ebp2 gene was deleted to generate Eif4ebp2 knockout mice.

**応用分野:** Cell proliferation and differentiation, viral infection, nervous system, synaptic transmission, autism, muscle homeostasis

\*Literature published using this strain should indicate: Eif4ebp2-KO mice (Cat. NO. NM-KO-191121) were purchased from Shanghai Model Organisms Center, Inc..

## 病気の予測

Autism Spectrum Disorder	表現型	<a href="#">MGI:3610950</a>
	参考文献	Gkogkas CG, Khoutorsky A, Ran I, Rampakakis E, Nevarko T, Weatherill DB, Vasuta C, Yee S, Truitt M, Dallaire P, Major F, Lasko P, Ruggero D, Nader K, Lacaille JC, Sonenberg N, Autism-related deficits via dysregulated eIF4E-dependent translational control. Nature. 2013 Jan 17;493(7432):371-7

## 表現型データ

No data

