

# Fmr1-KO

系統名	C57BL/6Smoc- <i>Fmr1</i> <sup>em1Smoc</sup>
SMOC番号	TBD
維持形態	Developing

## 遺伝子の概要

Gene Symbol Fmr1	Synonyms	FMRP, Fmr-1
	NCBI ID	<a href="#">14265</a>
	MGI ID	<a href="#">95564</a>
	Ensembl ID	<a href="#">ENSMUSG00000000838</a>
	Human Ortholog	FMR1

## 説明

Exon 2 of Fmr1 gene was deleted to generate Fmr1 knockout mice.

\*Literature published using this strain should indicate: Fmr1-KO mice (Cat. NO. TBD) were purchased from Shanghai Model Organisms Center, Inc..

## 病気の予測

Autism Spectrum Disorder	表現型	<a href="#">MGI:5316396</a>
	参考文献	Pietropaolo S, Guilleminot A, Martin B, D'Amato FR, Crusio WE, Genetic-background modulation of core and variable autistic-like symptoms in Fmr1 knock-out mice. PLoS One. 2011;6(2):e17073

<b>Fragile X Syndrome</b>	<b>表現型</b>	<a href="#">MGI:2665400</a>
	<b>参考文献</b>	Bakker CE, Verheij C, Willemsen R, Vanderhelm R, Oerlemans F, Vermey M, Bygrave A, Hoogeveen AT, Oostra BA, Reyniers E, Deboulle K, Dhooge R, Cras P, Vanvelzen D, Nagels G, Martin JJ, Dedyn PP, Darby JK, Willems PJ, The Dutch-Belgium Fragile X Consortium, Fmr1 knockout mice: a model to study fragile x mental retardation. The Dutch-Belgium Fragile X Consortium. Cell. 1994 Jul 15;78(1):23-33

### 表現型データ

No data