

Disc1-KO

系統名	C57BL/6Smoc- <i>Disc1</i> ^{em1Smoc}
SMOC番号	NM-KO-2108302
維持形態	Sperm cryopreservation

遺伝子の概要

Gene Symbol Disc1	Synonyms	-
	NCBI ID	244667
	MGI ID	2447658
	Ensembl ID	ENSMUSG00000043051
	Human Ortholog	DISC1

説明

Exon 2 of Disc1 gene was deleted to generate Disc1 knockout mice.

*Literature published using this strain should indicate: Disc1-KO mice (Cat. NO. NM-KO-2108302) were purchased from Shanghai Model Organisms Center, Inc..

病気の予測

Schizophrenia	表現型	MGI:3623253
	参考文献	Koike H, Arguello PA, Kvajo M, Karayiorgou M, Gogos JA, Disc1 is mutated in the 129S6/SvEv strain and modulates working memory in mice. Proc Natl Acad Sci U S A. 2006 Mar 7;103(10):3693-7
schizophrenia	表現型	MGI:5660929
	参考文献	Ji B, Higa KK, Kim M, Zhou L, Young JW, Geyer MA, Zhou X, Inhibition of protein translation by the DISC1-Boymaw fusion gene from a Scottish family with major psychiatric disorders. Hum Mol Genet. 2014 Nov 1;23(21):5683-705

表現型データ

No data
