

Brinp1-KO

Nomenclature	C57BL/6Smoc- <i>Brinp1</i> ^{em1Smoc}
Cat. NO.	NM-KO-201132
Strain State	Repository Live

Gene Summary

Gene Symbol Brinp1	Synonyms	Dbc1, BRINP, Fam5a, Dbccr1
	NCBI ID	56710
	MGI ID	1928478
	Ensembl ID	ENSMUSG00000028351
	Human Ortholog	BRINP1

Model Description

Exon 3 of Brinp1 gene was deleted to generate Brinp1 knockout mice.

*Literature published using this strain should indicate: Brinp1-KO mice (Cat. NO. NM-KO-201132) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Autism Spectrum Disorder	Phenotype(s)	MGI:5770244
	Reference(s)	Berkowicz SR, Featherby TJ, Qu Z, Giousoh A, Borg NA, Heng JI, Whisstock JC, Bird PI, Brinp1 (-/-) mice exhibit autism-like behaviour, altered memory, hyperactivity and increased parvalbumin-positive cortical interneuron density. Mol Autism. 2016;7:22

Validation Data

No data