

Jakmip1-KO

Nomenclature	C57BL/6Smoc- <i>Jakmip1</i> ^{em1Smoc}
Cat. NO.	NM-KO-200995
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol Jakmip1	Synonyms	Gababrbp, Marlin-1, 5830437M04Rik, C330021K24Rik
	NCBI ID	76071
	MGI ID	1923321
	Ensembl ID	ENSMUSG00000063646
	Human Ortholog	JAKMIP1

Model Description

Exon 4-8 of Jakmip1 gene was deleted to generate Jakmip1 knockout mice.

*Literature published using this strain should indicate: Jakmip1-KO mice (Cat. NO. NM-KO-200995) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Autism Spectrum Disorder	Phenotype(s)	MGI:5750066
	Reference(s)	Berg JM, Lee C, Chen L, Galvan L, Cepeda C, Chen JY, Penagarikano O, Stein JL, Li A, Oguro-Ando A, Miller JA, Vashisht AA, Starks ME, Kite EP, Tam E, Gdalyahu A, Al-Sharif NB, Burkett ZD, White SA, Fears SC, Levine MS, Wohlschlegel JA, Geschwind DH, JAKMIP1, a Novel Regulator of Neuronal Translation, Modulates Synaptic Function and Autistic-like Behaviors in Mouse. Neuron. 2015 Dec 16;88(6):1173-91

Validation Data

No data

