

Sh3rf2-KO

Nomenclature	C57BL/6Smoc- <i>Sh3rf2</i> ^{em1Smoc}
Cat. NO.	NM-KO-190449
Strain State	Repository Live

Gene Summary

Gene Symbol Sh3rf2	Synonyms	RNF158, Ppp1r39, AI452083, 2310046K19, 9130023G24Rik
	NCBI ID	269016
	MGI ID	2444628
	Ensembl ID	ENSMUSG00000057719
	Human Ortholog	SH3RF2

Model Description

exon5 of Sh3rf2 gene was deleted to generate Sh3rf2 knockout mice.

Research Application: Autism

*Literature published using this strain should indicate: Sh3rf2-KO mice (Cat. NO. NM-KO-190449) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Autism Spectrum Disorder	Phenotype(s)	MGI:6430623
	Reference(s)	Wang S, Tan N, Zhu X, Yao M, Wang Y, Zhang X, Xu Z, Sh3rf2 Haploinsufficiency Leads to Unilateral Neuronal Development Deficits and Autistic-Like Behaviors in Mice. Cell Rep. 2018 Dec 11;25(11):2963-2971.e6

Validation Data

No data