

Lrfn2-KO

Nomenclature	C57BL/6Smoc- <i>Lrfn2</i> ^{em1Smoc}
Cat. NO.	NM-KO-201001
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol Lrfn2	Synonyms	SALM1, mKIAA1246, 5730420005Rik
	NCBI ID	70530
	MGI ID	1917780
	Ensembl ID	ENSMUSG00000040490
	Human Ortholog	LRFN2

Model Description

Exon 2 of Lrfn2 gene was deleted to generate Lrfn2 knockout mice.

*Literature published using this strain should indicate: Lrfn2-KO mice (Cat. NO. NM-KO-201001) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Autism Spectrum Disorder	Phenotype(s)	MGI:5904009
	Reference(s)	Morimura N, Yasuda H, Yamaguchi K, Katayama KI, Hatayama M, Tomioka NH, Odagawa M, Kamiya A, Iwayama Y, Maekawa M, Nakamura K, Matsuzaki H, Tsujii M, Yamada K, Yoshikawa T, Aruga J, Autism-like behaviours and enhanced memory formation and synaptic plasticity in Lrfn2/SALM1-deficient mice. Nat Commun. 2017 Jun 12;8:15800

Validation Data

No data

