

Slc9a9-KO

Nomenclature	C57BL/6Smoc- <i>Slc9a9</i> ^{em1Smoc}
Cat. NO.	NM-KO-201070
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol Slc9a9	Synonyms	Nhe9, AI854429, 9930105B05, 5730527A11Rik
	NCBI ID	331004
	MGI ID	2679732
	Ensembl ID	ENSMUSG00000031129
	Human Ortholog	SLC9A9

Model Description

Exon 2 of Slc9a9 gene was deleted to generate Slc9a9 knockout mice.

*Literature published using this strain should indicate: Slc9a9-KO mice (Cat. NO. NM-KO-201070) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

autism spectrum disorder	Phenotype(s)	MGI:6201596
	Reference(s)	Ullman JC, Yang J, Sullivan M, Bendor J, Levy J, Pham E, Silm K, Seifikar H, Sohal VS, Nicoll RA, Edwards RH, A mouse model of autism implicates endosome pH in the regulation of presynaptic calcium entry. Nat Commun. 2018 Jan 23;9(1):330

Validation Data

No data