

Slc9a9-Flox

Nomenclature	C57BL/6Smoc- <i>Slc9a9</i> ^{em1(flox)Smoc}
Cat. NO.	TBD
Strain State	Developing

Gene Summary

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

Model Description

These mice carry loxP sites flanking target exons of Slc9a9 gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of Slc9a9 gene.

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

Disease Connection

Autism Spectrum Disorder	Phenotype(s)	MGI:6201594 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Nes-cre mice.
	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
