

Otof-KO

Nomenclature	C57BL/6Smoc- <i>Otof</i> ^{em1Smoc}
Cat. NO.	TBD
Strain State	Developing

Gene Summary

Gene Symbol Otof	Synonyms	-
	NCBI ID	83762
	MGI ID	1891247
	Ensembl ID	ENSMUSG00000062372
	Human Ortholog	OTOF

Model Description

Exon 8 of Otof gene was deleted to generate Otof knockout mice.

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

Disease Connection

Autosomal Recessive Nonsyndromic Deafness 9	Phenotype(s)	MGI:3693849
	Reference(s)	Roux I, Safieddine S, Nouvian R, Grati M, Simmler MC, Bahloul A, Perfettini I, Le Gall M, Rostaing P, Hamard G, Triller A, Avan P, Moser T, Petit C, Otoferlin, defective in a human deafness form, is essential for exocytosis at the auditory ribbon synapse. Cell. 2006 Oct 20;127(2):277-89

Validation Data

No data