

Neil1-KO

Nomenclature	C57BL/6Smoc- <i>Neil1</i> ^{em1Smoc}
Cat. NO.	TBD
Strain State	Developing

Gene Summary

Gene Symbol Neil1	Synonyms	NEH1, Nei1, 2810450N13Rik
	NCBI ID	72774
	MGI ID	1920024
	Ensembl ID	ENSMUSG00000032298
	Human Ortholog	NEIL1

Model Description

Exon 2-3 of Neil1 gene was deleted to generate Neil1 knockout mice.

*Literature published using this strain should indicate: Neil1-KO mice (Cat. NO. TBD) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Abdominal Obesity-Metabolic Syndrome	Phenotype(s)	MGI:3620065
	Reference(s)	Vartanian V, Lowell B, Minko IG, Wood TG, Ceci JD, George S, Ballinger SW, Corless CL, McCullough AK, Lloyd RS, The metabolic syndrome resulting from a knockout of the NEIL1 DNA glycosylase. Proc Natl Acad Sci U S A. 2006 Feb 7;103(6):1864-9
Obesity	Phenotype(s)	MGI:3620067
	Reference(s)	Vartanian V, Lowell B, Minko IG, Wood TG, Ceci JD, George S, Ballinger SW, Corless CL, McCullough AK, Lloyd RS, The metabolic syndrome resulting from a knockout of the NEIL1 DNA glycosylase. Proc Natl Acad Sci U S A. 2006 Feb 7;103(6):1864-9

Validation Data

No data
