

Aldh1L2-KO

Nomenclature	C57BL/6Smoc- <i>Aldh1L2</i> ^{em1Smoc}
Cat. NO.	TBD
Strain State	Developing

Gene Summary

Gene Symbol Aldh1L2	Synonyms	mtFDH, D330038I09Rik
	NCBI ID	216188
	MGI ID	2444680
	Ensembl ID	ENSMUSG00000020256
	Human Ortholog	ALDH1L2

Model Description

Exon 2 of Aldh1L2 gene was deleted to generate Aldh1L2 knockout mice.

*Literature published using this strain should indicate: Aldh1L2-KO mice (Cat. NO. TBD) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Non-Alcoholic Fatty Liver Disease	Phenotype(s)	MGI:6501754
	Reference(s)	Krupenko NI, Sharma J, Pediaditakis P, Helke KL, Hall MS, Du X, Sumner S, Krupenko SA, Aldh1L2 knockout mouse metabolomics links the loss of the mitochondrial folate enzyme to deregulation of a lipid metabolism observed in rare human disorder. Hum Genomics. 2020 Nov 9;14(1):41

Validation Data

No data