

# Aldh1L2-KO

<b>Nomenclature</b>	C57BL/6Smoc- <i>Aldh1L2</i> <sup>em15moc</sup>
<b>Cat. NO.</b>	TBD
<b>Strain State</b>	Developing

## Gene Summary

<b>Gene Symbol</b> Aldh1L2	<b>Synonyms</b>	mtFDH, D330038I09Rik
	<b>NCBI ID</b>	<a href="#">216188</a>
	<b>MGI ID</b>	<a href="#">2444680</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000020256</a>
	<b>Human Ortholog</b>	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

<b>Non-Alcoholic Fatty Liver Disease</b>	<b>Phenotype(s)</b>	<a href="#">MGI:6501754</a>
	<b>Reference(s)</b>	Krupenko NI, Sharma J, Padiaditakis 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