Aldh7A1-KO

Nomenclature	C57BL/6Smoc-*Aldh7A1*^{em1Smoc}
Cat. NO.	TBD
Strain State	Developing

Gene Summary

Gene Symbol Aldh7a1	**Synonyms**	Atq1， D18Wsu181e
	NCBI ID	110695
	MGI ID	108186
	Ensembl ID	ENSMUSG00000053644
	Human Ortholog	ALDH7A1

Model Description

Exon 2-5 of Aldh7A1 gene was deleted to generate Aldh7A1 knockout mice.
*Literature published using this strain should indicate: Aldh7A1-KO mice (Cat. NO. TBD) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Pyridoxine-Dependent Epilepsy	**Phenotype(s)**	MGI:6491217
	Reference(s)	Al-Shekaili HH, Petkau TL, Pena I, Lengyell TC, Verhoeven-Duif NM, Ciapaite J, Bosma M, van Faassen M, Kema IP, Horvath G, Ross C, Simpson EM, Friedman JM, van Karnebeek C, Leavitt BR, A novel mouse model for pyridoxine-dependent epilepsy due to antiquitin deficiency. Hum Mol Genet. 2020 Nov 25;29(19):3266-3284

Validation Data

No data