

Cox7a1-KO

Nomenclature	C57BL/6Smoc- <i>Cox7a1</i> ^{em1Smoc}
Cat. NO.	NM-KO-201260
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol Cox7a1	Synonyms	COX7A, COX7AH, COX7AM
	NCBI ID	12865
	MGI ID	1316714
	Ensembl ID	ENSMUSG00000074218
	Human Ortholog	COX7A1

Model Description

Exon 2-3 of Cox7a1 gene was deleted to generate Cox7a1 knockout mice.

*Literature published using this strain should indicate: Cox7a1-KO mice (Cat. NO. NM-KO-201260) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Dilated Cardiomyopathy	Phenotype(s)	MGI:5465105
	Reference(s)	Huttemann M, Klewer S, Lee I, Pecinova A, Pecina P, Liu J, Lee M, Doan JW, Larson D, Slack E, Maghsoodi B, Erickson RP, Grossman LI, Mice deleted for heart-type cytochrome c oxidase subunit 7a1 develop dilated cardiomyopathy. Mitochondrion. 2012 Mar;12(2):294-304

Validation Data

No data