

# Daam1-Flox

<b>Nomenclature</b>	C57BL/6Smoc- <i>Daam1</i> <sup>em1(flox)Smoc</sup>
<b>Cat. NO.</b>	TBD
<b>Strain State</b>	Developing

## Gene Summary

<b>Gene Symbol</b> Daam1	<b>Synonyms</b>	-
	<b>NCBI ID</b>	<a href="#">208846</a>
	<b>MGI ID</b>	<a href="#">1914596</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000034574</a>
	<b>Human Ortholog</b>	DAAM1

## Model Description

These mice carry loxP sites flanking target exons of Daam1 gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of Daam1 gene.

\*Literature published using this strain should indicate: Daam1-Flox mice (Cat. NO. TBD) were purchased from Shanghai Model Organisms Center, Inc..

## Disease Connection

<b>Intrinsic Cardiomyopathy</b>	<b>Phenotype(s)</b>	<a href="#">MGI:6150918</a> Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Nkx2-5-Cre mice.
	<b>Reference(s)</b>	Ajima R, Bisson JA, Helt JC, Nakaya MA, Habas R, Tessarollo L, He X, Morrissey EE, Yamaguchi TP, Cohen ED, DAAM1 and DAAM2 are co-required for myocardial maturation and sarcomere assembly. Dev Biol. 2015 Dec 1;408(1):126-39

## Validation Data

No data

