

Yme1l1-Flox

Nomenclature	C57BL/6Smoc- <i>Yme1l1</i> ^{em1(flox)Smoc}
Cat. NO.	TBD
Strain State	Developing

Gene Summary

Gene Symbol Yme1l1	Synonyms	Ftsh, FtsH1
	NCBI ID	27377
	MGI ID	1351651
	Ensembl ID	ENSMUSG00000026775
	Human Ortholog	YME1L1

Model Description

These mice carry loxP sites flanking target exons of Yme1l1 gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of Yme1l1 gene.

*Literature published using this strain should indicate: Yme1l1-Flox mice (Cat. NO. TBD) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Dilated Cardiomyopathy	Phenotype(s)	MGI:5805256 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Myh6-cre mice.
	Reference(s)	Wai T, Garcia-Prieto J, Baker MJ, Merkwirth C, Benit P, Rustin P, Ruperez FJ, Barbas C, Ibanez B, Langer T, Imbalanced OPA1 processing and mitochondrial fragmentation cause heart failure in mice. Science. 2015 Dec 4;350(6265):aad0116

Validation Data

No data

