

# Mefv-hMEFV\*V726A

<b>Nomenclature</b>	C57BL/6Smoc- <i>Mefv</i> <sup>Em1(hMEFV-V726A)Smoc</sup>
<b>Cat. NO.</b>	NM-KI-200221
<b>Strain State</b>	Sperm cryopreservation

## Gene Summary

<b>Gene Symbol</b> <b>Mefv</b>	<b>Synonyms</b>	FMF; pyrin; TRIM20
	<b>NCBI ID</b>	<a href="#">54483</a>
	<b>MGI ID</b>	<a href="#">1859396</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000022534</a>
	<b>Human Ortholog</b>	MEFV

## Model Description

Exon 7-10 of the endogenous mouse *Mefv* gene was replaced by human mutation gene (exon7-10).

**Research Application:** Familial Mediterranean fever

\*Literature published using this strain should indicate: *Mefv*-hMEFV\*V726A mice (Cat. NO. NM-KI-200221) were purchased from Shanghai Model Organisms Center, Inc..

## Disease Connection

<b>Familial Mediterranean Fever</b>	<b>Phenotype(s)</b>	<a href="#">MGI:5007929</a>
	<b>Reference(s)</b>	Chae JJ, et al., Gain-of-Function Pyrin Mutations Induce NLRP3 Protein-Independent Interleukin-1beta Activation and Severe Autoinflammation in Mice. <i>Immunity</i> . 2011 May 27;34(5):755-68

## Validation Data

No data