

Mefv-hMEFV*V726A

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

Gene Summary

Gene Symbol Mefv	Synonyms	FMF; pyrin; TRIM20
	NCBI ID	54483
	MGI ID	1859396
	Ensembl ID	ENSMUSG00000022534
	Human Ortholog	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

Familial Mediterranean Fever	Phenotype(s)	MGI:5007929
	Reference(s)	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