

Tlr4-KO

Nomenclature	C57BL/6Smoc- <i>Tlr4</i> ^{em1Smoc}
Cat. NO.	NM-KO-18052
Strain State	Repository Live

Gene Summary

Gene Symbol Tlr4	Synonyms	Lps; Ly87; Ran/M1; Rasl2-8
	NCBI ID	21898
	MGI ID	96824
	Ensembl ID	ENSMUSG00000039005
	Human Ortholog	TLR4

Model Description

This Tlr4 knockout mouse model was generated by knocking out the exon 2 region of the Tlr4 gene .

Research Application: Immune-related

*Literature published using this strain should indicate: Tlr4-KO mice (Cat. NO. NM-KO-18052) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Pulmonary Emphysema	Phenotype(s)	MGI:3706992
	Reference(s)	Zhang X, Shan P, Jiang G, Cohn L, Lee PJ, Toll-like receptor 4 deficiency causes pulmonary emphysema. J Clin Invest. 2006 Nov;116(11):3050-9

Validation Data

No data

Publications

[Gut microbiome dysbiosis contributes to abdominal aortic aneurysm by promoting neutrophil extracellular trap formation](#)

References: Cell host & microbe