

Arg1-KO

Nomenclature	C57BL/6Smoc- <i>Arg1</i> ^{em1Smoc}
Cat. NO.	NM-KO-200629
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol Arg1	Synonyms	AI; PGIF; Arg-1; AI256583
	NCBI ID	11846
	MGI ID	88070
	Ensembl ID	ENSMUSG00000019987
	Human Ortholog	ARG1

Model Description

Exon 3 of Arg1 gene was deleted to generate Arg1 knockout mice.

Research Application: Innate immune system and IL4-mediated signal transduction events related research

*Literature published using this strain should indicate: Arg1-KO mice (Cat. NO. NM-KO-200629) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Hyperargininemia	Phenotype(s)	MGI:2668857
	Reference(s)	Iyer RK, Yoo PK, Kern RM, Rozengurt N, Tsoa R, O'Brien WE, Yu H, Grody WW, Cederbaum SD, Mouse model for human arginase deficiency. Mol Cell Biol. 2002 Jul;22(13):4491-8

Validation Data

No data