

IL33-KO(2)

Nomenclature	C57BL/6Smoc- <i>Il33</i> ^{em2Smoc}
Cat. NO.	NM-KO-190436
Strain State	Repository Live

Gene Summary

Gene Symbol IL33	Synonyms	IL-33; IL1f11; NF-HEV; 9230117N10Rik
	NCBI ID	77125
	MGI ID	1924375
	Ensembl ID	ENSMUSG00000024810
	Human Ortholog	IL33

Model Description

IL33-KO(2) mice (Stock No. NM-KO-190436) carry a knockout allele derived from the targeted deletion of exon 3-7. While IL33-KO mice (Stock No. NM-KO-00099) have been pulled from shelves for some reasons and IL33-KO(3) mice (Stock No. NM-KO-210206) carrying the exon 2 deletion.

Research Application: immune

*Literature published using this strain should indicate: IL33-KO(2) mice (Cat. NO. NM-KO-190436) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Alzheimer's disease	Phenotype(s)	MGI:5790841
	Reference(s)	Velocigene, Alleles produced for the KOMP project by Velocigene (Regeneron Pharmaceuticals). MGI Direct Data Submission. 2008;

Validation Data

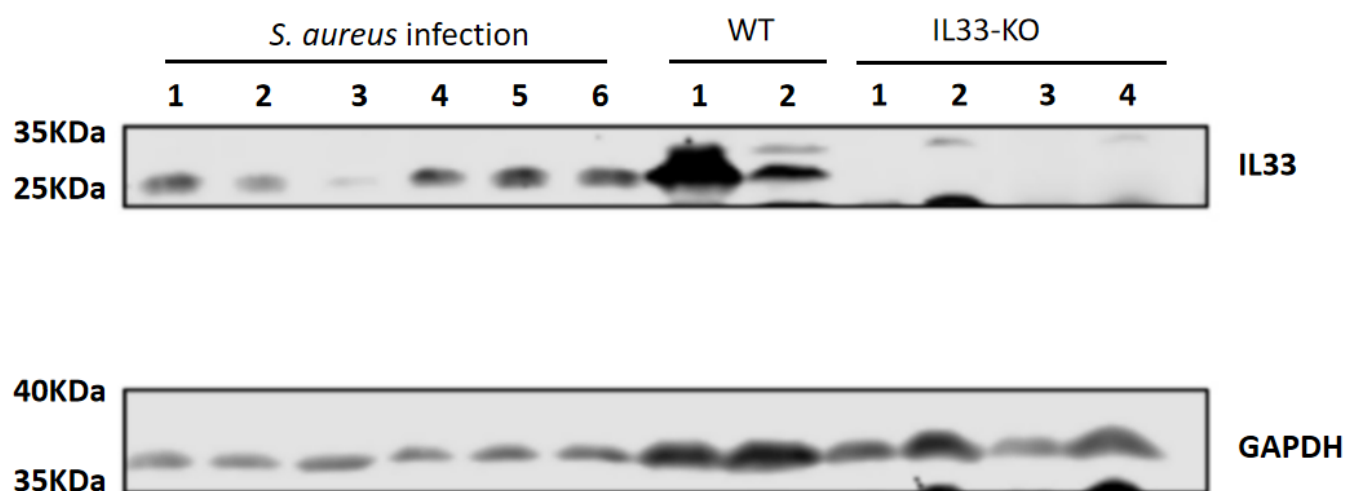


Fig1. IL33 were not detected in the IL33 knockout mice by western blot.

Publications

[Gut Microbial Metabolite Pravastatin Attenuates Intestinal Ischemia/Reperfusion Injury Through Promoting IL-13 Release From Type II Innate Lymphoid Cells via IL-33/ST2 Signaling](#)

References: Frontiers in Immunology