

Il1a-Luc-2A-EGFP

Nomenclature	C57BL/6Smoc- <i>Il1a</i> ^{em1(Luc-eGFP)Smoc}
Cat. NO.	NM-KI-00009
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol Il1a	Synonyms	Il-1a
	NCBI ID	16175
	MGI ID	96542
	Ensembl ID	ENSMUSG000000027399
	Human Ortholog	IL1A

Model Description

A Luciferase-2A-EGFP-pA cassette was inserted after ATG the start codon. According to this strategy, the endogenous Il1a expression is supposed to be eliminated and the intrinsic promoter drives the expression of reporter genes, which reflexs the activity of Il1a.

Research Application: Inflammation and immunity, gene tracing

*Literature published using this strain should indicate: Il1a-Luc-2A-EGFP mice (Cat. NO. NM-KI-00009) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

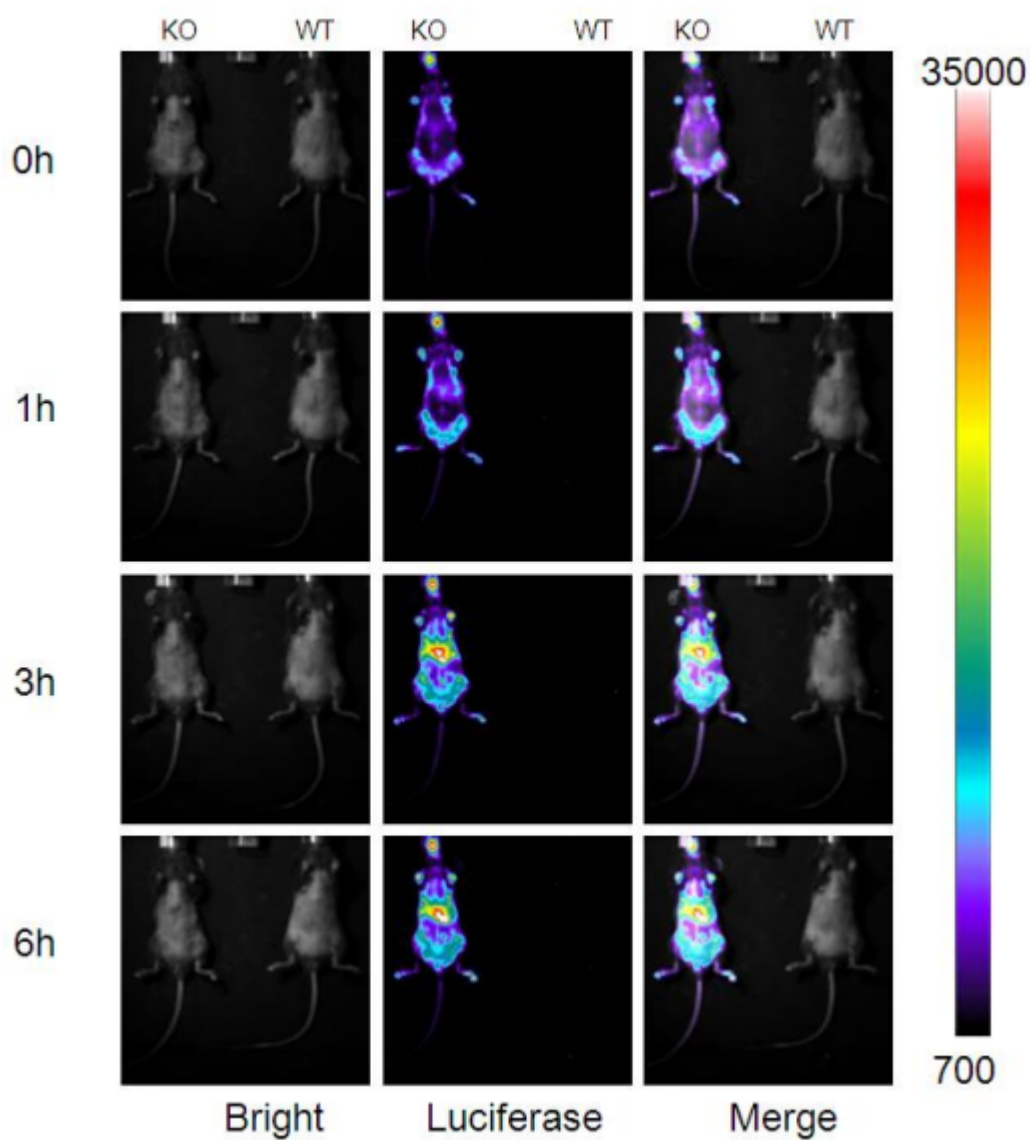


Fig1. Individual fluorescence intensity of IL1a-Luc-2A-EGFP mice treated with LPS.