

Il18-Luc-2A-EGFP

Nomenclature C57BL/6Smoc-*Il18*^{em1(Luc-eGFP)Smoc}

Cat. NO. NM-KI-00032

Strain State Embryo cryopreservation

Gene Summary

Gene Symbol Il18	Synonyms	Igif Il-18
	NCBI ID	<u>16173</u>
	MGI ID	<u>107936</u>
	Ensembl ID	ENSMUSG00000039217
	Human Ortholog	IL18

Model Description

A Luciferase-2A-EGFP-pA cassette was inserted after ATG the start codon. The intrisic promoter drives the expression of reporter genes, which reflects the activity of Il18.

Research Application: Inflammation and immunity, gene tracing

*Literature published using this strain should indicate: Il18-Luc-2A-EGFP mice (Cat. NO. NM-KI-00032) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data



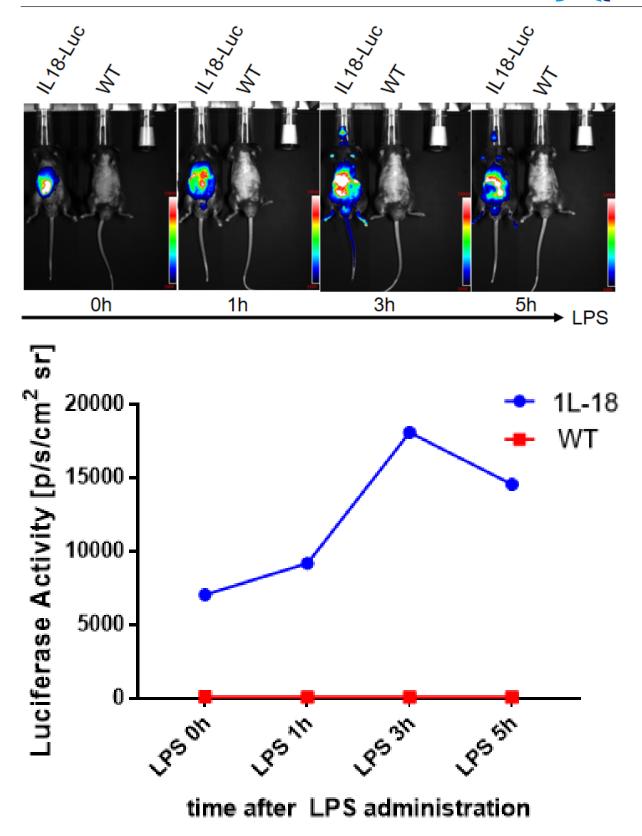


Figure 1. IL 18 reporter gene expression in the mice was monitored through noninvasive molecular imaging. IL 18 in the mouse body was activated through LPS treatment.