

# Ifng-Venus-Luc

|      |  |
|------|--|
| 品系全名 | C57BL/6Smoc- <i>Ifng</i> <sup>em1(IRES-Venus-Luci)Smoc</sup> |
| 目录号  | NM-KI-18041  |
| 品系状态 | 活体   |

## 基因信息

|             |            |                                    |
|-------------|------------|------------------------------------|
| 基因名<br>Ifng | 基因曾用名      | lfg; IFN-g                         |
|             | NCBI ID    | <a href="#">15978</a>              |
|             | MGI ID     | <a href="#">107656</a>             |
|             | Ensembl ID | <a href="#">ENSMUSG00000055170</a> |
|             | 人类同源基因     | IFNG                               |

## 品系描述

将IRES-Venus-Luci结构插入到Ifng基因exon4终止密码子后。

\*使用本品系发表的文献需注明: Ifng-Venus-Luc mice (Cat. NO. NM-KI-18041) were purchased from Shanghai Model Organisms Center, Inc..

## 验证数据

## MC38-OVA tumor growth

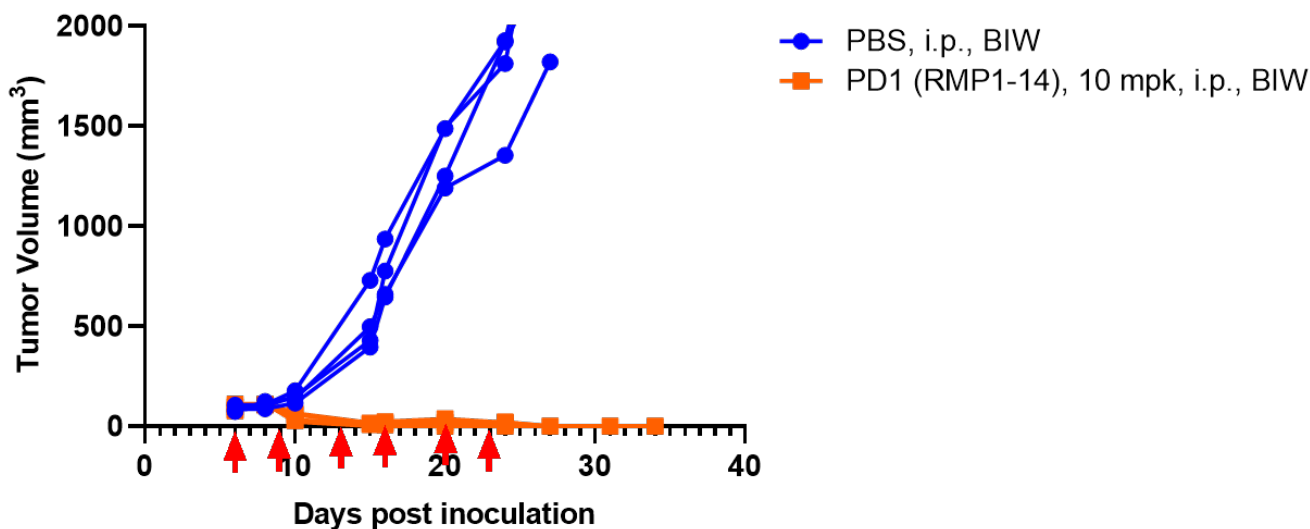


图1. Ifng-Venus-Luci 报告小鼠移植MC38-OVA肿瘤细胞后的肿瘤生长曲线。红色箭头代表给药组给予PD1抑制剂治疗的时间点。

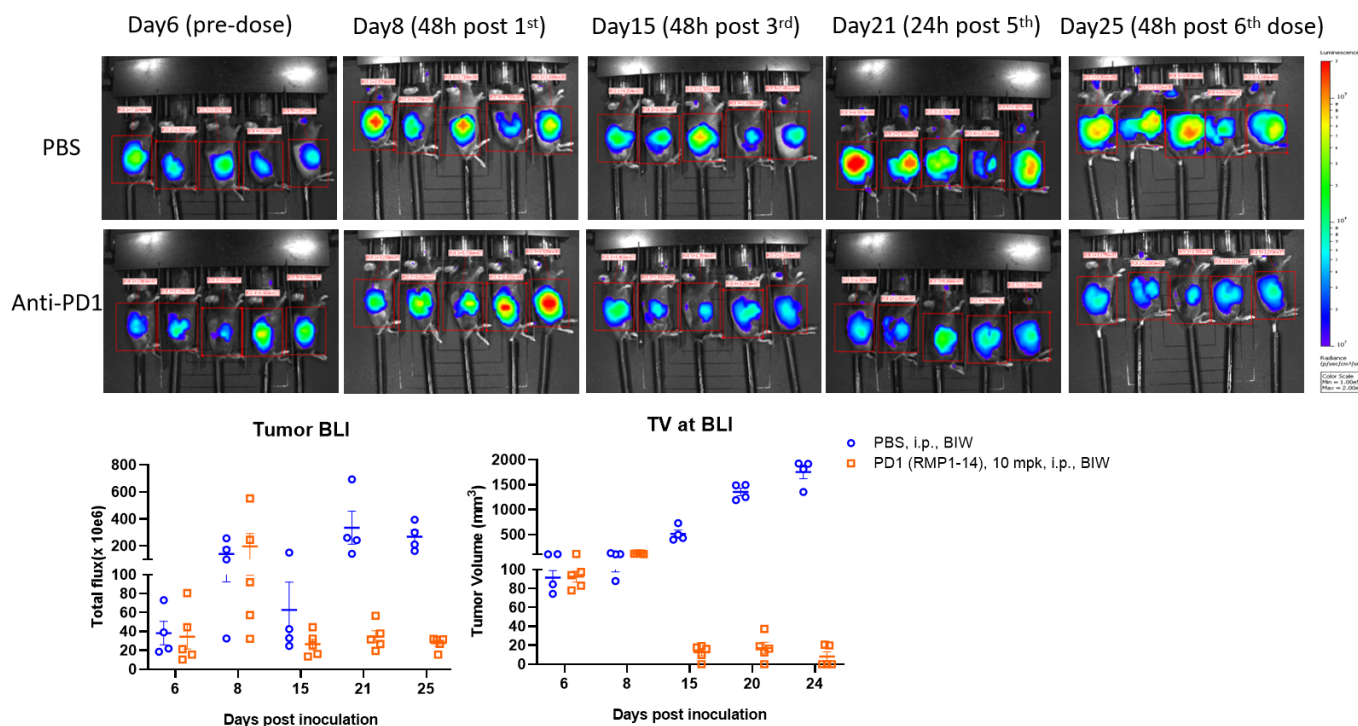


图2. Ifng-Venus-Luci小鼠MC38-OVA荷瘤模型活体成像验证。给药组（PD1抑制剂治疗组）IFN $\gamma$ 表达的荧光信号在第八天（第一次给药48小时后）时相较对照组有明显增强。随着药物发挥治疗效果，肿瘤逐渐变小，荧光信号也相应变小。

本数据由南模生物与Crownbio合作完成。

## 发表文献

[A Targeted Exosome Therapeutic Confers Both Cfdna Scavenging and Macrophage Polarization for Ameliorating Rheumatoid Arthritis](#)

来源杂志: ADVANCED MATERIALS

[Engineered probiotic ameliorates ulcerative colitis by restoring gut microbiota and redox homeostasis](#)

来源杂志: Cell Host & Microbe

[Generation of whole tumor cell vaccine for on-demand manipulation of immune responses against cancer under near-infrared laser irradiation](#)

来源杂志: Nature Communications