

# Raji-Luc

## Strain Information

Cat. NO.	NM-B07-1
Cell Line	Raji-Tg(luc)/Smoc
Strain State	Validation of tumorigenic capacity completed
Model	Luciferase-labeled human Raji cell.
Description	*Literature published using this strain should indicate: Raji-Luc cell line (Cat. NO. NM-B07-1) was purchased from Shanghai Model Organisms Center, Inc..

## Validation Data

The Raji-Luc cell line is a Raji wild-type cell line with stable and high expression of Luciferase. Luciferase activity was showed a steady increase in xenograft mouse models. This Raji-Luc cell line is available for in vivo imaging and assessment of novel therapeutic modalities.

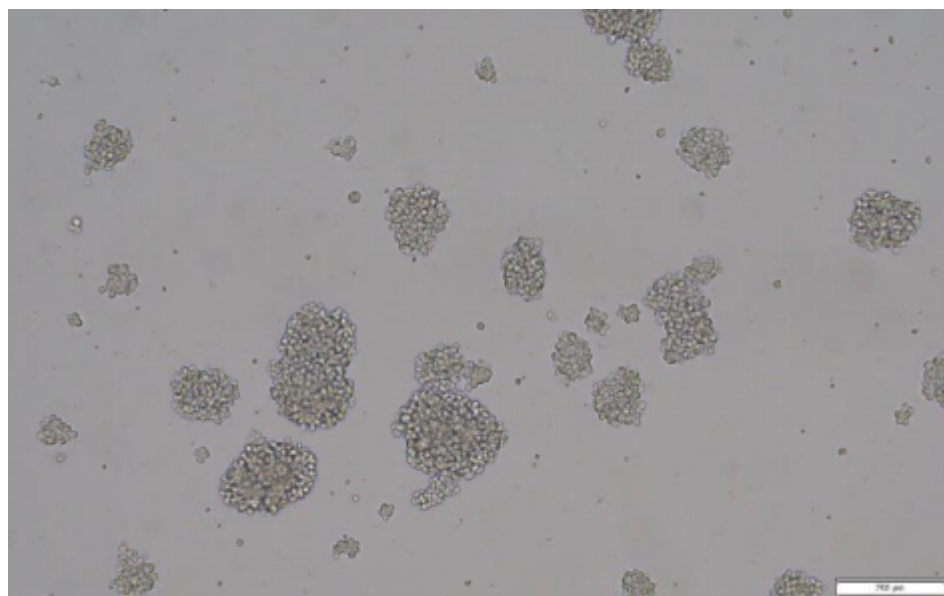


Figure 1. Morphology of Raji-Luc cell line.

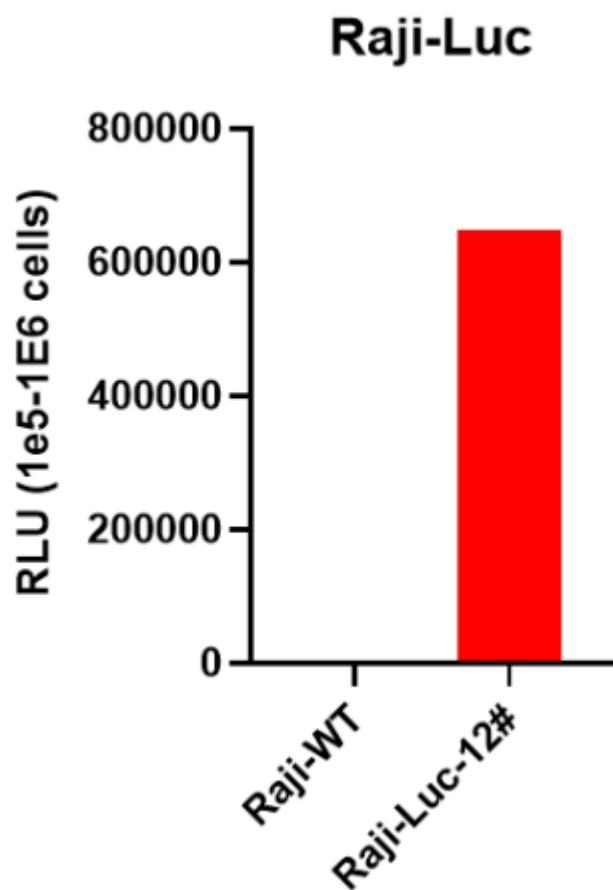


Figure 2. Luciferase activity assay of Raji-Luc cell lines.

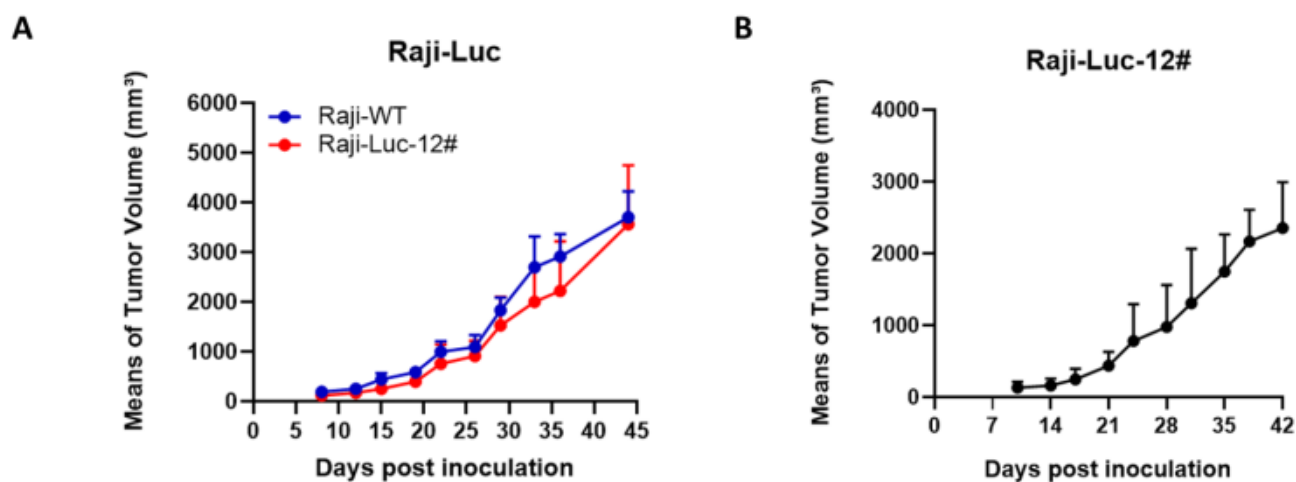


Figure 3. Average growth curves of Raji-Luc tumors in xenograft mouse models. (n=5)

M-NSG (A) and hIL-15 M-NSG (B) mice were subcutaneously injected with Raji-Luc cells.

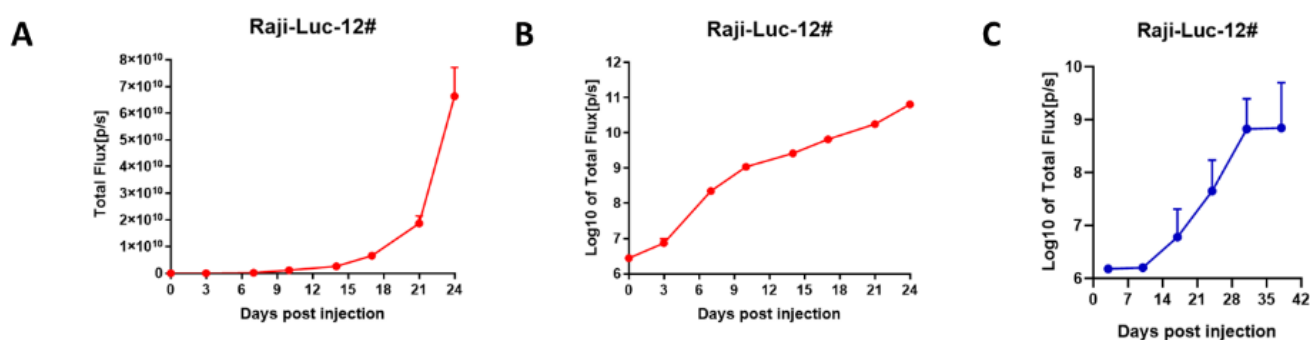


Figure 4. *In vivo* luciferase activity curves of Raji-Luc xenograft mouse models. (n=5)

M-NSG mice (A, B) and hIL-15 M-NSG mice (C) were inoculated with Raji-Luc cells through tail vein injection.

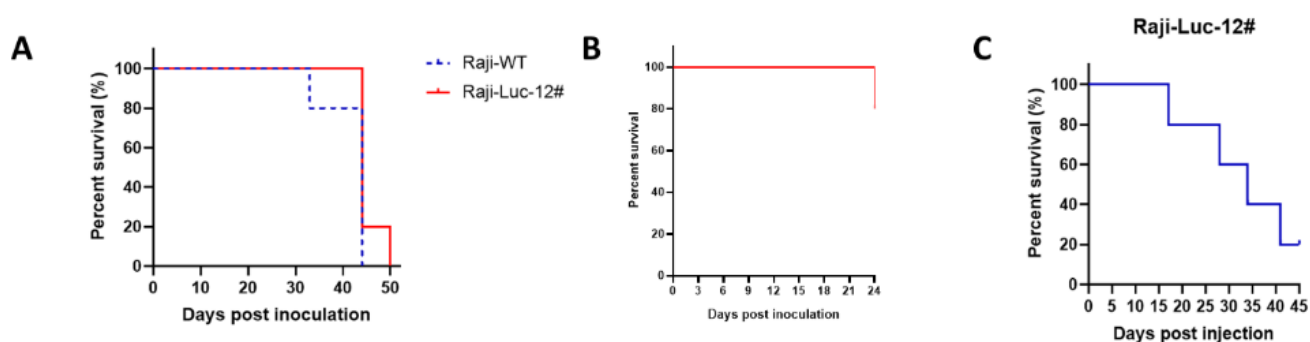


Figure 5. Survival curves of Raji-Luc xenograft mouse models. (n=5)

M-NSG mice (A) were subcutaneously (s.c.) injected with Raji-Luc cells. While M-NSG mice (B) and hIL-15 M-NSG mice (C) were inoculated with Raji-Luc cells through tail vein injection.

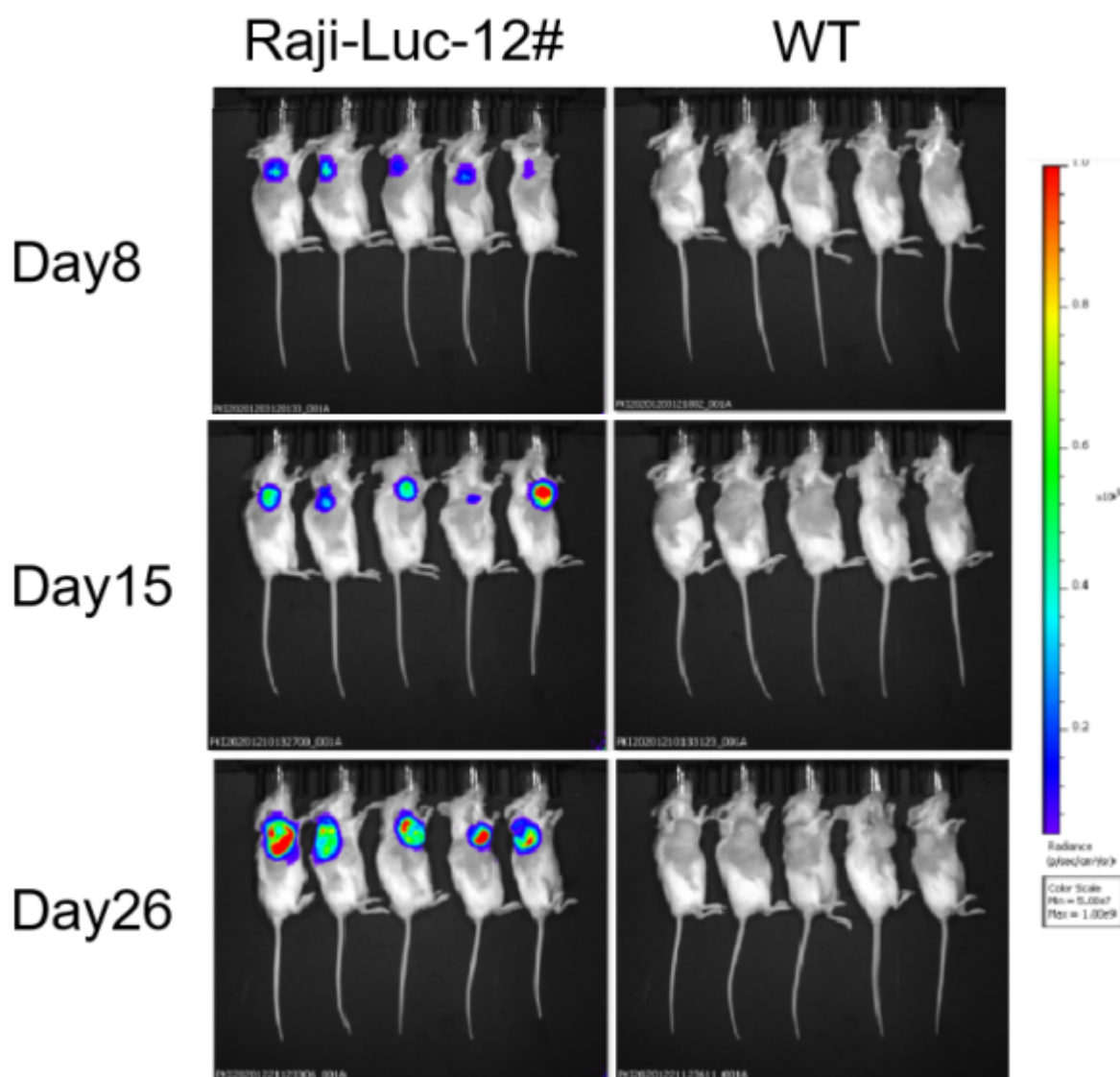


Figure 6. *In vivo* bioluminescence imaging of Raji-Luc xenograft mice.

M-NSG mice were subcutaneously (s.c.) injected with Raji-Luc cells.

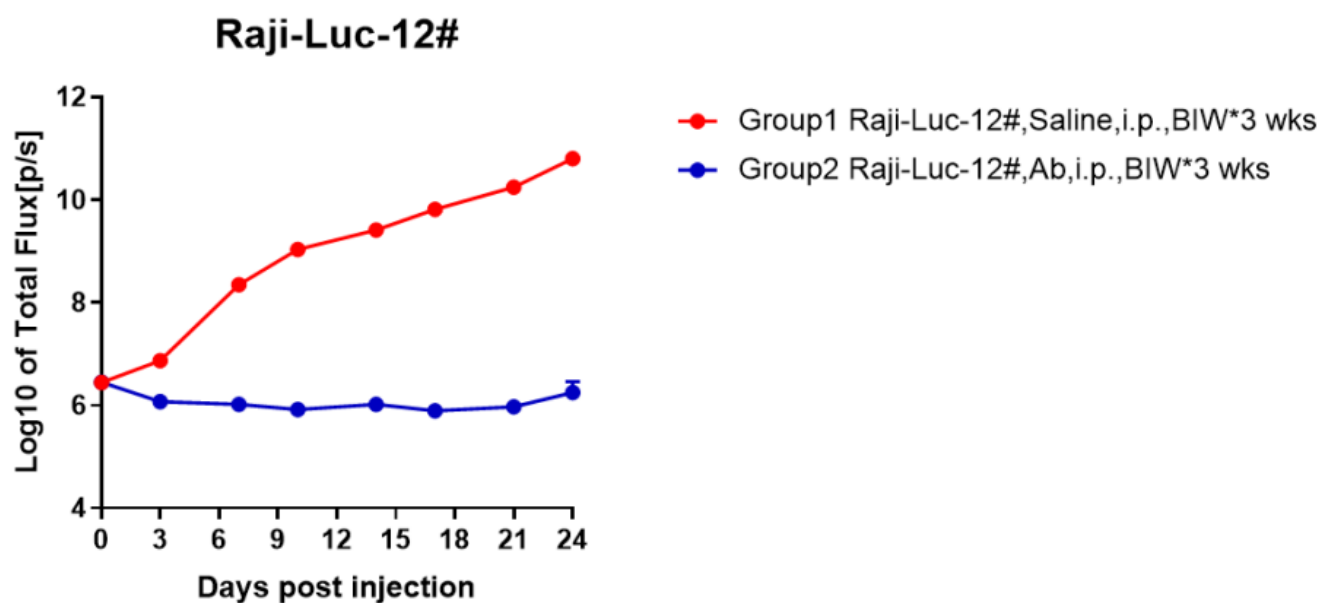


Figure 7. *In vivo* Raji-Luc tumor cell signal was inhibited by targeted drug in M-NSG mice. (n=5)

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