

# Syngeneic Models

Syngeneic models involve implantation of available mouse tumor cell lines into immunocompetent mice of the same genetic background to conduct in vivo efficacy evaluation of potential cancer immunotherapy.

## Case: Validation of EMT6 tumorigenic capacity in BALB/c mice

EMT6 is a murine mammary carcinoma cell line derived from a transplanted hyperplastic alveolar nodule of a BALB/c mouse.

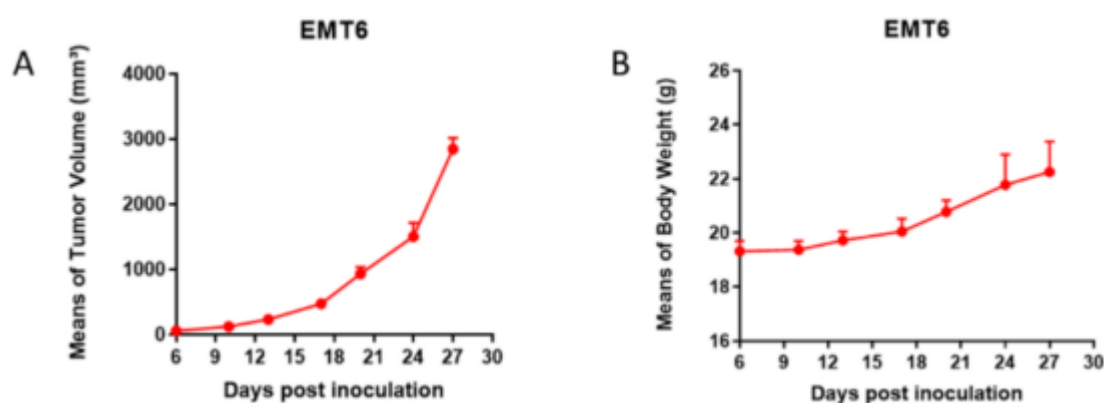


Fig1. Analysis of Tumorigenesis in Balb/c mice(n=4). a Tumor volume was measured by time. EMT6 cells were inoculated in the fat pads of Balb/c mice. b Body weight was simultaneously checked.

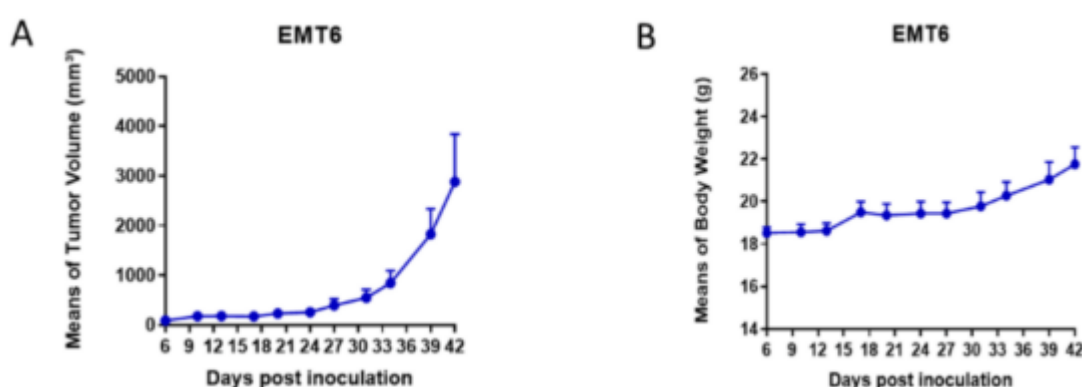


Fig2. Analysis of Tumorigenesis in Balb/c mice (n=5) . a Tumor volume was measured by time. EMT6 cells were subcutaneously inoculated in Balb/c mice. b Body weight was simultaneously checked.

## Resource Link:

[Available syngeneic cell lines](#)

[Available inbred strains](#)

[Available Humanized Drug Target mouse strains](#)