

# 4T1-Luc

## Strain Information

|              |                                                                                                                                                          |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cat. NO.     | NM-S07-1                                                                                                                                                 |
| Cell Line    | 4T1-Tg(luc)/Smoc                                                                                                                                         |
| Strain State | Construction                                                                                                                                             |
| Model        | Luciferase-labeled mouse 4T1 cell.                                                                                                                       |
| Description  | *Literature published using this strain should indicate: 4T1-Luc cell line (Cat. NO. NM-S07-1) was purchased from Shanghai Model Organisms Center, Inc.. |

## Validation Data

### 1. Transfer to liver and whole body

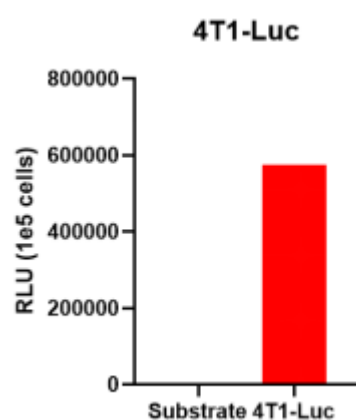


Figure 1. Luciferase activity assay of 4T1-Luc cell line

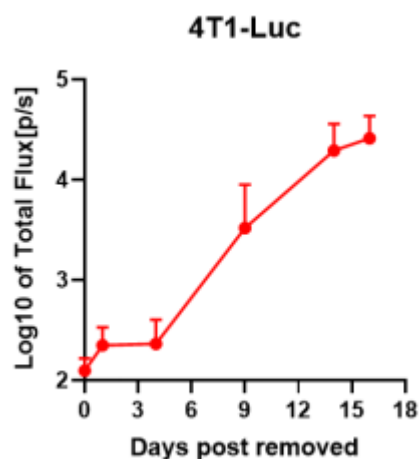


Figure 2. Signal increase curve of 4T1-Luc transfer allogeneic model (n=5)

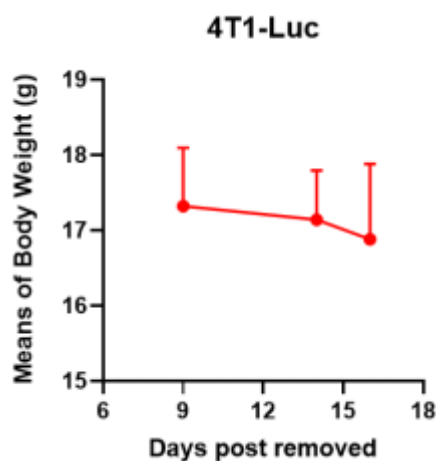


Figure 3. Body weight change of 4T1-Luc transfer allogeneic model (n=5)

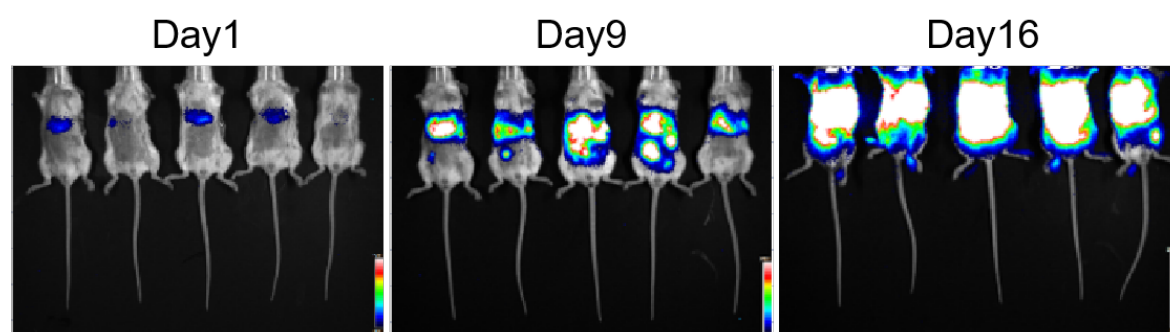


Figure 4. Bioluminescence imaging of 4T1-Luc transfer allogeneic mouse model

2. Transfer to lung from s.c.

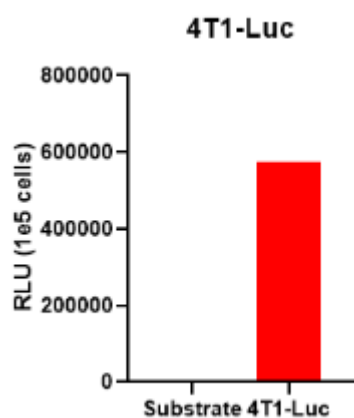


Figure 5. Luciferase activity assay of 4T1-Luc cell line

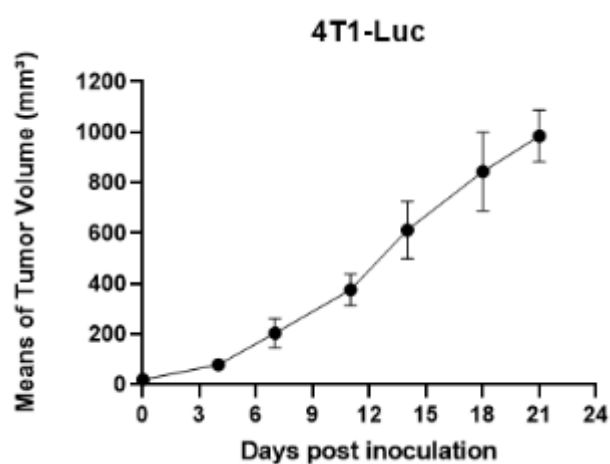


Figure 6. Tumor growth curve of 4T1-Luc allogeneic model (n=6)

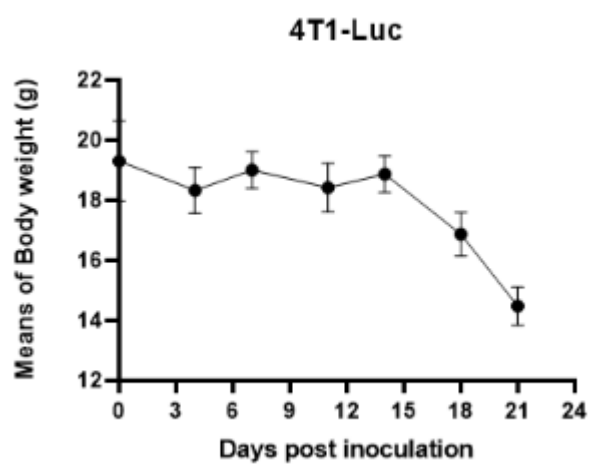


Figure 7. Body weight change of 4T1-Luc allogeneic model (n=6)

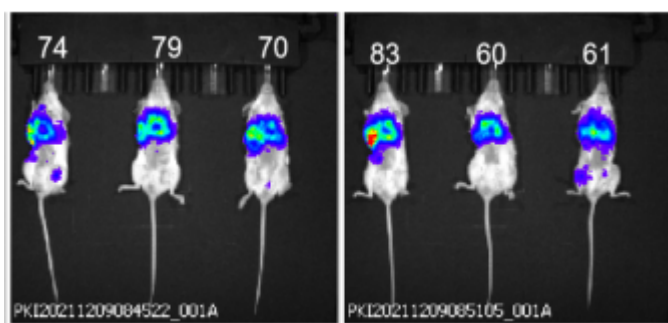


Figure 8. Bioluminescence imaging of 4T1-Luc allogeneic mouse model on day21