



Figure S6. Detection and depletion of NK cells in mice with metastatic tumors. (A) Gating strategy to identify NK cells in the lung. Representative dot plots showing immune cells in the lung of mice injected with E0771-LG:shMet#1 cells and treated with or without doxycycline (Dox). NK cells were identified as CD45⁺F4/80⁻Ly6G⁻CD4⁻CD8⁻NK1.1⁺. **(B)** A scheme of NK cell depletion protocol. C57BL/6 mice were intravenously injected with E0771-LG:shMet#1 and treated with or without doxycycline (Dox) from day 4 post-tumor injection to the endpoint. Mice were also injected with anti-NK1.1 antibodies (αNK) or control IgG at days 4 and 7 after tumor injection. Tumor loads in the lung were analyzed by bioluminescence imaging (BLI) on days 0, 4, 7, and 10. **(C)** Percentage of NK cells in CD45⁺ leukocytes in the lung, blood, and spleen of mice in A. Samples were collected on day 10 ($n = 5$ per group). * $P < 0.05$, versus Dox- IgG, Student's t test. Results are means \pm SEM.