



**Figure S1** Mouse orthotopic lung cancer models. (A) Representative mouse orthotopic lung cancer models using human cell lines of adenocarcinoma (Ad, A549), squamous cell carcinoma (Sq, NCI-H2170) and small cell lung cancer (Sm, NCI-H82) are shown. Computed tomography multiplanar reconstructions (top row) and gross inspections of the lungs after sacrifice (bottom row) demonstrate successful tumor inoculation (yellow stars). Scale bar represents 10 mm. (B) The success rate for creating orthotopic lung cancer tumors was calculated based on our group's experience from 2018 to 2019. Mice that immediately died during the cell-inoculation procedure are included in the denominator. Success did vary somewhat between cancer subtypes.