



SUPPLEMENTARY FIG. S9. Large colony-forming potential of EpCAM^{pos} integrin $\alpha 6^{\text{high}}$ cells isolated from different regions of mouse lung. Efficiency of large colony formation was estimated for EpCAM^{pos} integrin $\alpha 6^{\text{high}}$ and EpCAM^{pos} integrin $\alpha 6^{\text{low}}$ cells isolated by FACS from trachea, airways, and lung parenchyma. Immediately after sorting, cells were plated under the described 2D culture conditions. **(A)** Representative images of colonies formed by airway EpCAM^{pos} integrin $\alpha 6^{\text{high}}$ (*left*) and EpCAM^{pos} integrin $\alpha 6^{\text{low}}$ cells (*right*) at day 10 in culture. Plating density 1,000 cells/cm² (10 cm² plates) Cells were fixed and stained with antibodies against pan-cytokeratin. **(B)** The number of large (> 100 cells) colonies was estimated for cultures of EpCAM^{pos} integrin $\alpha 6^{\text{high}}$ cells isolated from each region and normalized to cellular input (mean \pm SD, $n = 3$ experiments). Scale bar: 500 μm . *, $P < 0.05$ by ANOVA; n.d., not detected.