

**SUPPLEMENTARY FIG. S1.** Expression of E-cadherin in H9-derived simple epithelial cells at day 7 of epithelial differentiation. Representative colonies are stained with antibody against E-cadherin (red) and Hoechst dye (blue) for day 0 human pluripotent stem cells (hPSC) densities of (A) 1000 and (B) 6500 cells/cm<sup>2</sup>. Scale bar in both panels represents 50 µm.