



Supplemental Figure S4. Increased APJ expression influences anoikis resistance and cell adhesion. (A) Representative western blot analysis on WCLs from OVCAR-5-EV and APJ cells cultured in adherent and suspended conditions for 24 h, probed for indicated proteins; α -tubulin – loading control; NSB – non-specific band from Ponceau S stain. (B) Representative 24 h-anoikis resistance assay in OVCAR-3-EV and APJ cells and (C) its quantification; magnification-10X. (D-F) Representative 2 h-cell adhesion assay of (D) OVCAR-5-EV and APJ cells (magnification-2.5X), (E) OVCAR-4 cells +/- 100 ng/mL apelin-13 and 30 μ M ML221; magnification 5X), and (F) OVCAR-8 APJ KD and control cells (magnification 5X) plated on collagen IV-coated plates. (G) Quantification of panel D-F. Results obtained from ≥ 3 independent experiments (Mean \pm SEM). Statistical analysis was performed using two-tailed unpaired *t*-test for C and OVCAR-5 cells in G, and one-way ANOVA followed by Tukey's post hoc test for rest in G. **P*<0.5; ***P*<0.01; *****P*<0.0001; ns: not significant.