



Supplemental Figure 4: Gating strategy and activation status of T cell subsets in OC patient co-cultures following addition of FR-Bh or Cont-ENG T cells: **A**) Gating strategy used to subset endogenous (GFP- Cell Trace-), Bystander (GFP- Cell Trace+), and Transduced (GFP+ Cell Trace+) T cells in OC patient co-cultures **B**) FACS plots and graphical data demonstrating activation of Transduced CD4+ T cells in FR α + (right, upper, n=7) and FR α Lo (right, lower, n=3) OC patients **C**) Surface markers of activation measured on FR-Bh CD8+ T cells cultured alone for the 48hr co-culture period, demonstrating limited activation in the absence of target antigen **D** & **E**) Activation of bystander CD8+ T cells (D) and endogenous CD4+ TALs (E) from FR α + OC patient co-cultures. Data in B & D) Unpaired t test (two-tailed), * p<0.05, ** p<0.01