Supplementary Figure 4. Mice deficient in APOE have fewer regulatory T cells and express lower levels of T cell exhaustion markers. (A) Heatmap of lineage markers used to define cell populations. Low expression is in black, while high marker expression is in white. **(B)** qRT-PCR analysis of *ApoE, Cd274*, *Arg1*, *Mrc1*, *and Nos2* mRNA levels relative to *Cyclophilin A* housekeeping in WT (n=4) and ApoE^{-/-} (n=3) tumors. Statistical significance was determined using two-tailed *t* tests. **(C)** qRT-PCR analysis of *ApoE, Mrc1*, *Nos2*, *Cd274, and Tnfα* mRNA levels relative to *Cyclophilin A* housekeeping in WT TAMs (n=4-6) and ApoE^{-/-} TAMs (n=4-6) tumors. Statistical significance was determined using two-tailed *t* tests. ND = not detected. **(D)** Immunohistochemical staining for FOXP3 in WT and APOE^{-/-} tumors. Scale bars, 50 μm. Quantitation of number of Foxp3^{+} positive cells in at least 3, 40x fields in WT (n= 4) and ApoE^{-/-} mice (n=4) (right panel). Statistical significance was determined by two-tailed *t* test. **(E)** qRT-PCR analysis of *Pdcd1*, *Ctla4*, and *Eomes* mRNA levels relative to *Cyclophilin A* housekeeping in WT (n=4) and ApoE^{-/-} (n=3) tumors.