Figure S8

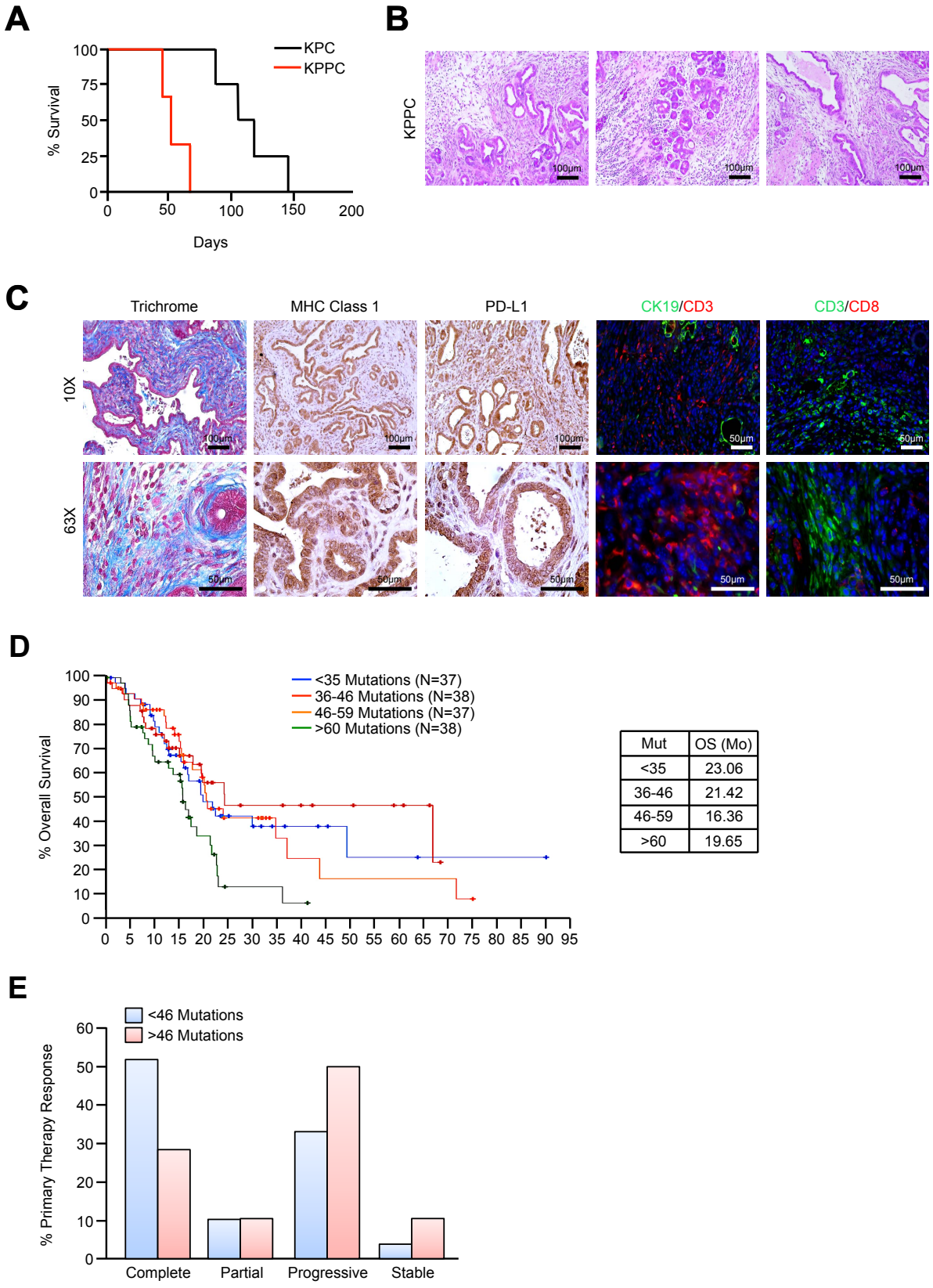

Figure S8. Homozygous loss of TP53 enhances MHC Class 1 expression and T-cell infiltration in murine PDAC, yet increased mutational burden predicts poor outcomes

(A) Pdx1-Cre x LSL-*Kras*^{G12D} x LSL-*TP53*$^{R172H+/+}$ (KPPC) mice were generated as a model of extremely aggressive PDAC with homozygous loss of TP53. The Kaplan-Meier curve indicating survival for KPPC and KPC mice is displayed above (N=3-4/group). **(B,C)** Tissues were collected when KPPC animals were moribund and stained with H&E, Trichrome, or via immunohistochemistry for MHC Class 1, PD-L1, CK19 and CD3, or CD3 and CD8. **(D)** Using the TCGA genomic databases of pancreatic cancer genomes (N=186), patients were arranged into four quadrants based on the total mutational burden, and the Kaplan-Meier curve indicating the overall survival (OS) of patients is displayed as is the mean OS in months (Mo). **(E)** The response to primary therapy is displayed for patients with low mutational burden (<46 mutations) versus high mutational burden (>46 mutations).