

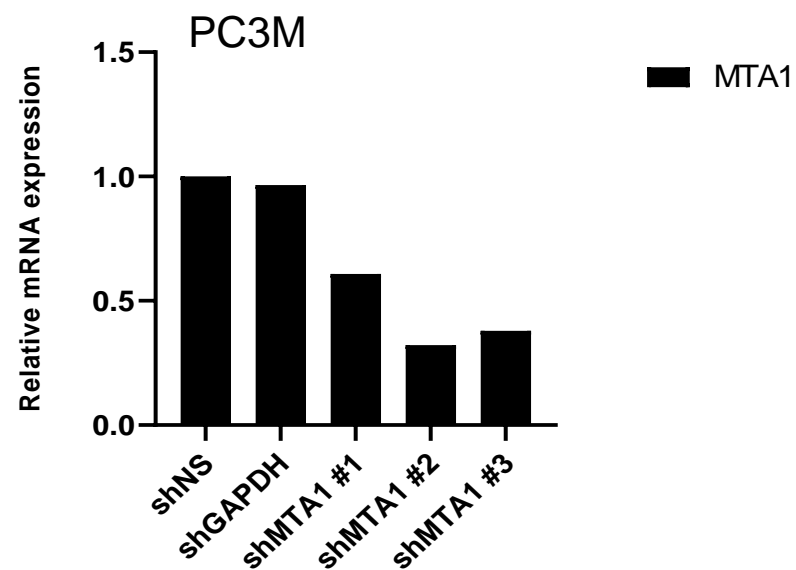
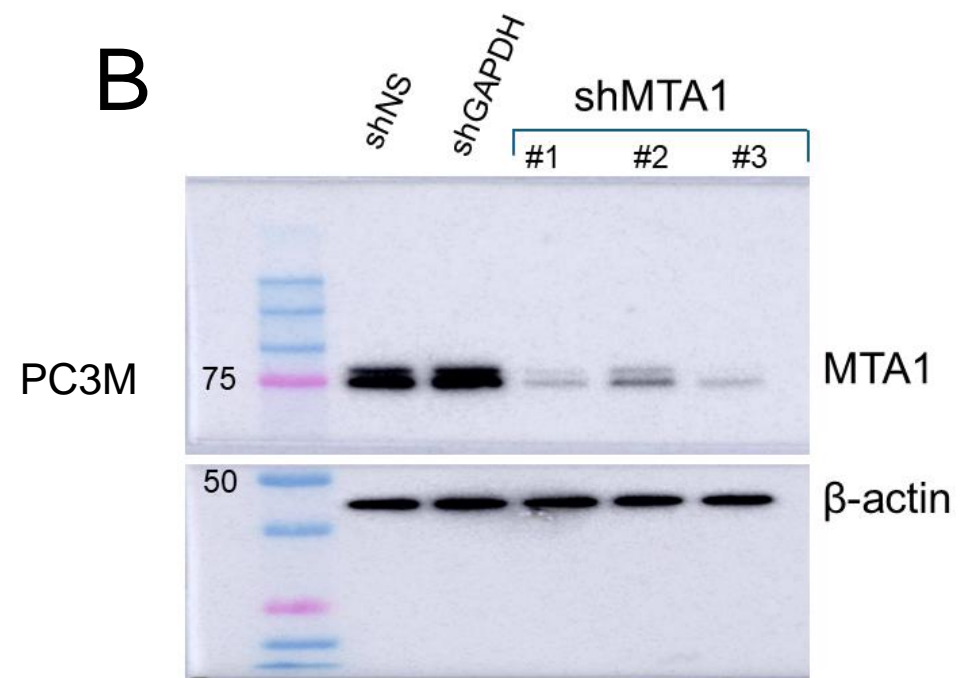
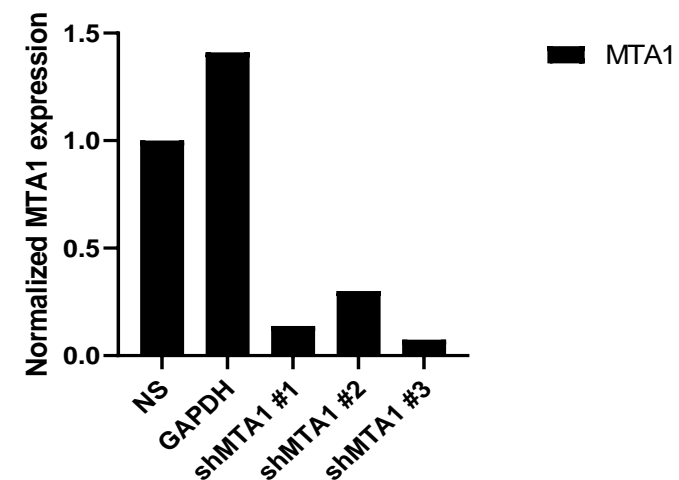
A**B****PC3M- MTA1 KO**

Figure S1. Validation of MTA1 knockdown in PC3M cells. **(A)** Relative mRNA levels of controls (shNS, shGAPDH) and three shMTA1 constructs. **(B)** Representative normalized protein levels of resulted knockdowns in controls and shMTA1. MTA1 knockdown was achieved as described previously [24]. The clone #3 was chosen for the current study.

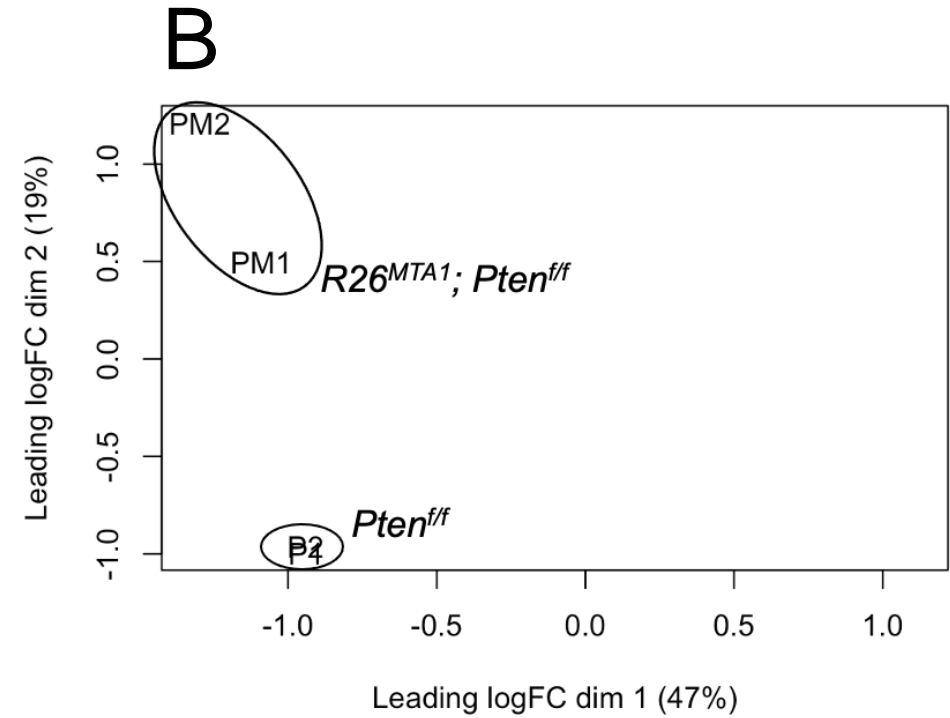
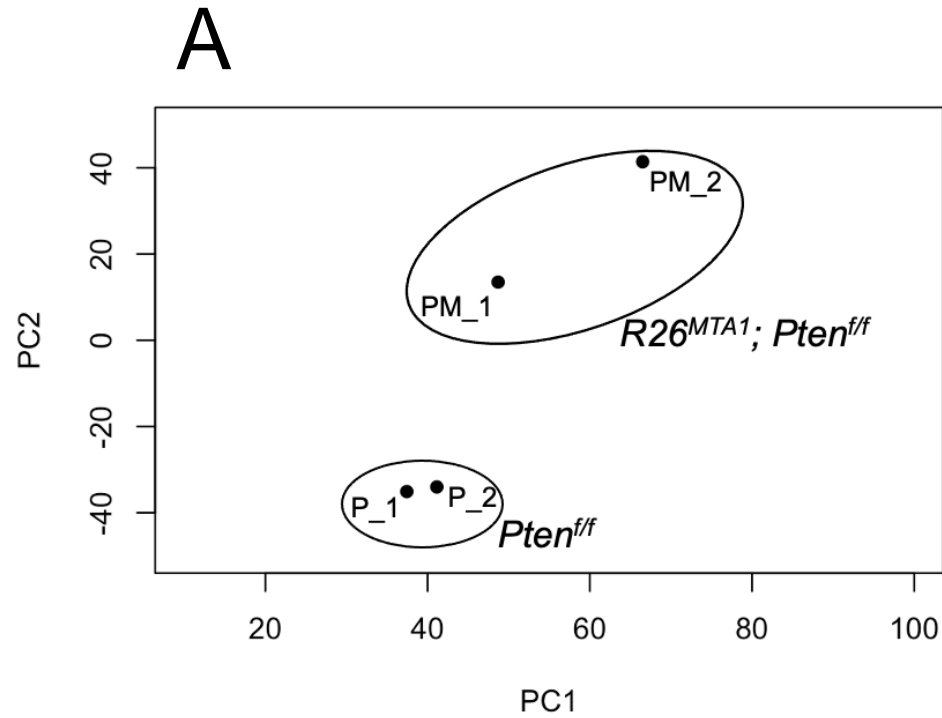


Figure S2. (A) Principal Component Analysis (PCA) and (B) Multidimensional Scaling (MDS) scatter plot of gene expression showing variance of the two biological replicates of each of the two mouse genotypes, *Pten^{ff}* and *R26^{MTA1}; Pten^{ff}*."