Supplemental B. Correlation of basal cell phenotype and prostate cancer pathology. Upper left panels, H&E stained sections demonstrating the presence of heterogeneous pathological lesions in the same Pten null prostate gland, ranging from PIN, to adenocarcinoma in situ (I) to more invasive adenocarcinoma (II). Lower left panels are CK5 and CK8 immunostained sections, illustrating increased basal cell number and altered localization. Right panel, percentile of CK5+, CK8+ and CK5+CK8+ cells in each lesion.