Supplemental Figure 1  Senescence markers are upregulated in 6 and 9 month old ARR2-myr-Akt1 prostates. Immunohistochemistry was performed on 6 (A, B, E, and F) and 9 (C, D, G, and H) month old prostates from ARR2-myr-Akt1 and WT animals using phospho-Chk2 Thr 68 (A-D) and γH2AX Ser 139 (E-H) antibodies. Panels A-D are shown at 200× magnification. Insets show the same sample (boxed area) at 400× magnification and demonstrate enhanced nuclear staining in the transgenic animals compared to WT animals.