Supplementary Figure S6

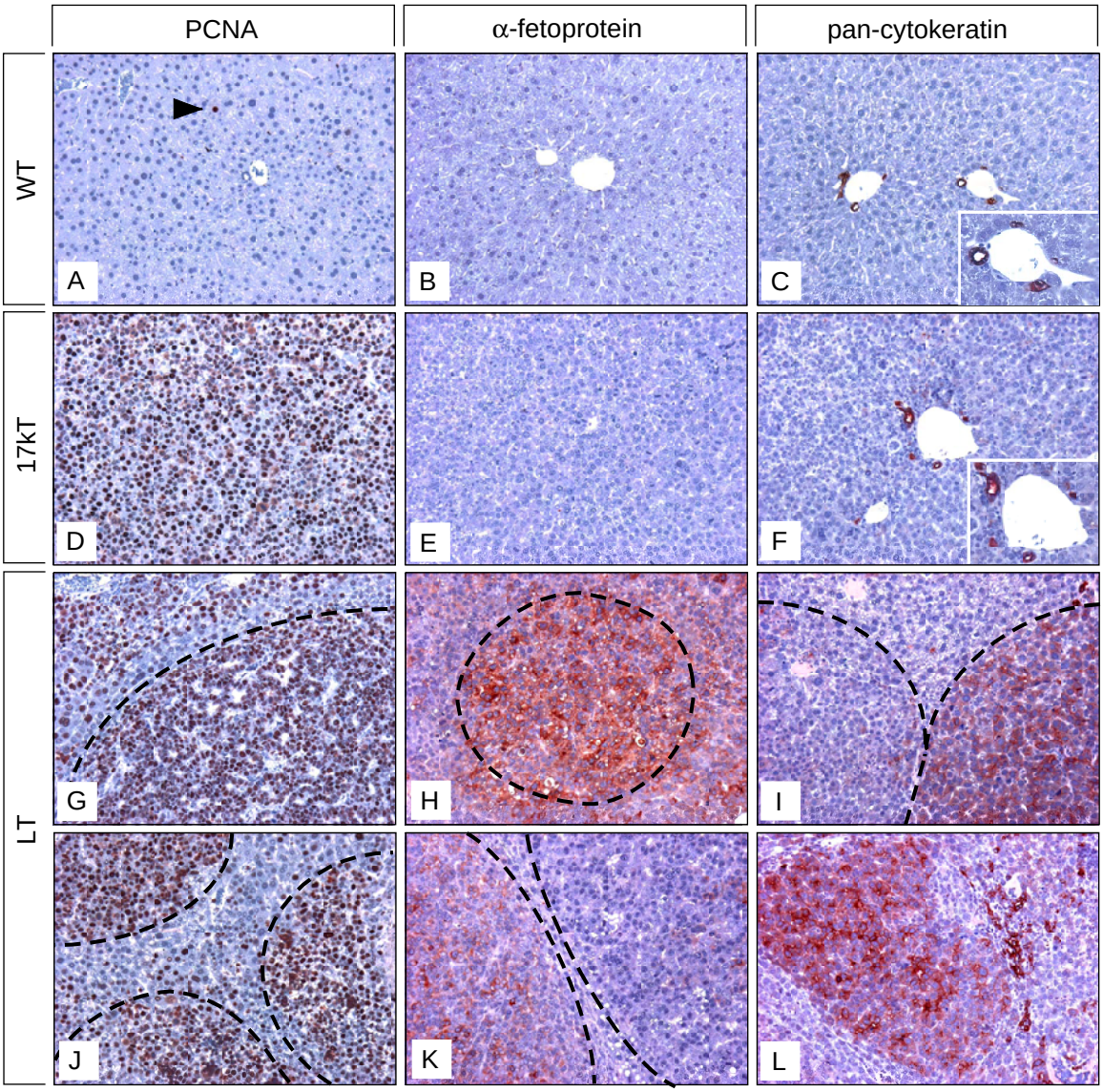

Figure S6. IHC analysis of liver sections from WT, 17kT and LT mice provided with 25μg/ml dox for 5.5 weeks for PCNA (A, D, G, J), α-fetoprotein (afp) (B, E, H, K) and pan-cytokeratin (CK) (C, F, I, L) showing evidence of altered hepatic differentiation during LT-induced tumorigenesis. PCNA-positive hepatocytes are uniformly distributed in hyperplastic 17kT livers (D), in contrast to the concentration of PCNA-positive hepatocytes in nodules of livers expressing LT (G, J). afp-positive hepatocytes are absent from WT (B) and 17kT (E) hepatocytes, while CK expression is confined to the bile duct epithelium in both (C and F) (Insets). Also note strong but variable afp staining within (H) and between tumors (K) and regional CK staining in nodular hepatocytes and hyperproliferating BECs in LT-expressing livers (I, L). Dotted lines denote nodule boundaries. Arrowhead indicates solitary PCNA-positive hepatocyte in WT liver panel (A). AEC chromagen (Red/brown); hematoxylin counterstain (Blue). Magnification x 112; insets x 224.