



Supplementary Figure 3. Day 10 unilateral ureteral obstruction kidneys from Six2-GC⁺; Z/Red and HoxB7-Cre; Z/Red mice show no evidence for RFP+

genetically labeled epithelial cells, becoming interstitial cells expressing α SMA⁺. Representative low magnification confocal images of native RFP epifluorescence (left panels) or FITC-conjugated antibody detection of α SMA (green, centre panels) of d10 UUO fibrotic kidneys of Z/Red mice, HoxB7-Cre; Z/Red mice Six2-GC; Z/Red mice and NLS-Cre-Z/Red mice. Composite images with nuclei in blue are seen (right panels). Note that all interstitial cells expressing α SMA co-express RFP in the NLS-Cre-Z/Red positive control mice but no α SMA⁺ cells co-express RFP in the other mice. Scale bar = 50 μ m.