**Supplementary Figure 6.** H & E staining for the liver, kidney and lungs 6 months after the adoptive transfer of IL-12 transduced pmel-1 CD8+ T cells does not indicate end organ damage per blinded pathologist score. Sublethally irradiated (5 Gy), tumor bearing mice received no treatment or 1x10^5 IL-12 transduced pmel-1 CD8+ T cells. Liver, kidneys, and lungs were harvested 6 months after treatment. Analysis by blinded pathologist found no major differences in the liver, kidney and lung of mice that received no treatment versus IL-12 engineered pmel-1 cells. Additional tissue analyzed in the same experiment and found to have no pathologic differences included bone marrow and small bowel (not shown). Original magnification, x100.