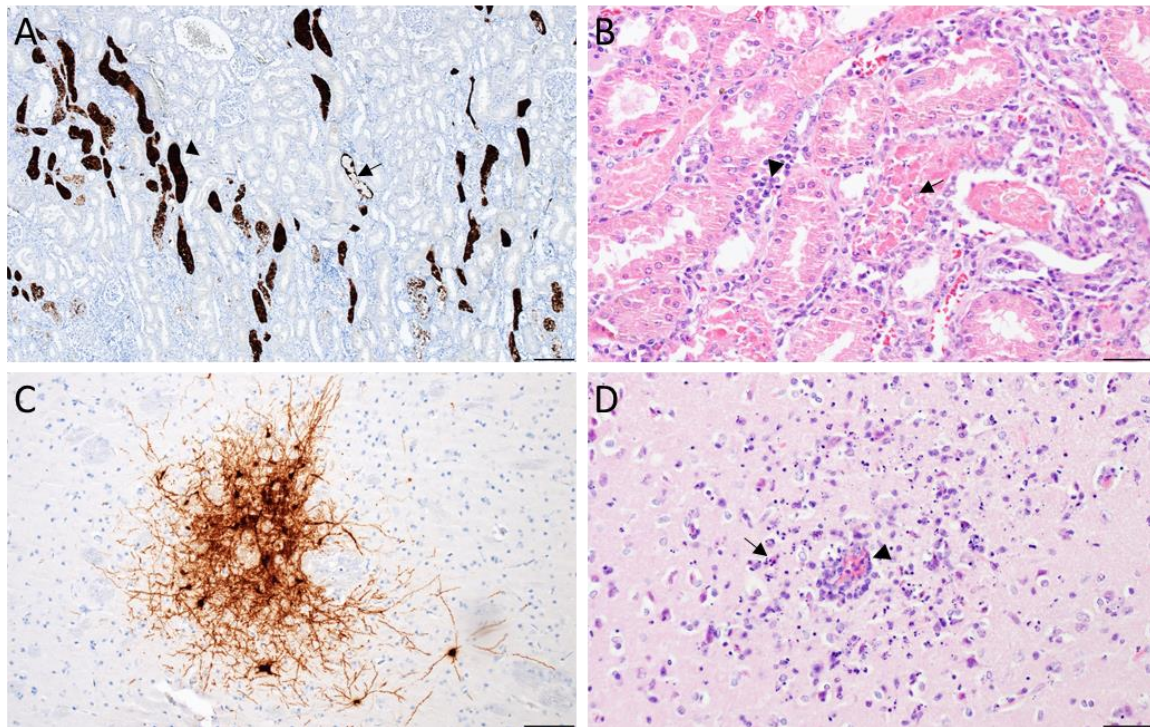




Supplementary Fig. 1. Panels **a** and **b**: Experiment 1, animal M12030, 15 days post inoculation with wild-type strain 35/74 at humane end-point. Kidney. (**a**) IHC: tubular epithelium (arrow) and casts within the tubular lumen (arrowhead) stain intensely for RVFV antigen, bar = 200 μ m. (**b**) HE: tubulo-interstitial nephritis. Notice the degeneration and necrosis of the tubular epithelium and cellular debris in the lumen of the tubulus (arrow). Interstitial inflammatory reaction consisting mainly of mononuclear cells and few neutrophils (arrowhead), bar = 50 μ m. Panels **c** and **d**: Experiment 2, animal M16040, 13 days post inoculation with wild type RVFV-74HB59 at humane end-point. Brain, thalamus. (**c**) IHC: focus of neurons and neuronal processes staining positively for RVFV antigen, bar = 100 μ m. (**d**) HE: encephalitis with degeneration and necrosis of neurons (arrow) and nuclear debris scattered throughout the neuropil. Notice the perivascular cuffing (arrowhead) and infiltration of inflammatory cells (neutrophils and mononuclear cells), bar = 50 μ m.