



Supplementary figure 2. An inflammatory Th2 microenvironment develops around *Hp* larvae 4 days after challenge. H&E stained images of the host:parasite interface show infiltration of inflammatory cells at 100x (**a**) and 400x (**b**) magnification. **c.** IL-4R α^{hi} cells (red) do not stain positive for Gr-1 (green) or CD4 (blue). **d.** A serial tissue section singly stained for IL-4R α^{hi} (red) encircles the parasite. The host:parasite interface in challenged IL-4 $^{-/-}$ mice (**e, f**) includes Gr-1 $^{+}$ neutrophils (**e**, green) and CD4 $^{+}$ T cells (**e**, blue), but reduced infiltration of IL-4R α^{hi} (**e**, red), F4/80 $^{+}$ (**f**, red) or CD206 $^{+}$ (**f**, green) cells. Tissue sections taken 4 days after challenge in mice treated with anti-CD4 Ab (**g, h**) show the accumulation of Gr1 $^{+}$ neutrophils (**g**, green), but a marked reduction in CD4 $^{+}$ T cells (**g**, blue) and IL-4R $^{\text{hi}}$ cells (**g**, red). A serial section shows reduced numbers of F4/80 $^{+}$ (**h**, red) and CD206 $^{+}$ (**h**, green) cells.