



Supplementary Figure 1. Gating strategies for (A) IEL phenotyping in Figures 2 and 7, (B) splenocyte and thymocyte subsetting in Figure 4, and (C) intracellular cytokine production in Figure 6. (A) After live gating, the CD3+ cells were further gated into  $\alpha\beta$  and  $\gamma\delta$  T cell populations, which were then further subtyped by CD4 and CD8. (B) After live gating, the CD3+ subset was further examined for  $\gamma\delta$  TCR expression. (C) After live gating the CD3+ T cells were analyzed for cytokine production by  $\alpha\beta$  or  $\gamma\delta$  T cells.