

Supplemental Figures

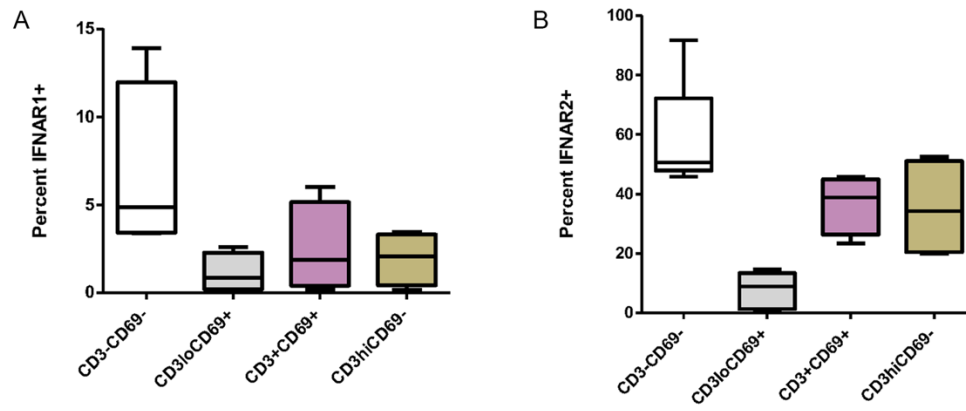
Supplemental Figure 1: IFNAR1 and IFNAR2 expression on thymocyte subsets.

A. and **B.** Thymocyte subsets express higher levels of IFNAR2 than IFNAR1 *ex vivo*. Postnatal thymocytes were surface stained with antibodies to CD3, CD69, CD4, CD8, CD45RA, CD27. IFNAR1 and IFNAR2 expression on immature CD3-CD69- and CD3^{low}CD69⁺ and mature CD3^{hi}CD69⁺ and CD3^{hi}CD69- is shown. For **A-B**, shown are the mean with the standard error of the mean (SEM).

Supplemental Figure 2: Tumor necrosis factor alpha may contribute to S1PR1 upregulation following HIV infection.

A. Compared to mock (**n=4**) infected thy/liv implants, TNF- α mRNA is increased in the thy/liv implant 5-9 weeks post-infection with NL4-3 (**n=5**). Shown are relative copies of TNF- α mRNA per copies of the housekeeping gene GAPDH analyzed *ex vivo* at 9 weeks post-infection. **B.** Exogenous TNF- α increases S1PR1 protein expression as measured by mean fluorescence intensity (MFI) on thymocytes *in vitro* to a statistically significant extent after TNF- α treatment with 100 and 500ng. Shown are the mean with the standard error of the mean (SEM). All comparisons were done by unpaired t-test.

Supplemental Figure 1: IFNAR1 and IFNAR2 expression on thymocyte subsets



Supplemental Figure 2: Effect of Tumor Necrosis Factor alpha on S1PR1 expression

