A

Nrp1+Foxp3-   Nrp1-Foxp3-

16.5   14.0   19.7   25.7

TNF-α

17.4   6.91

IFN-γ

B

TNF-α+IFN-γ-

Percent of Nrp1+/-Foxp3- T cells

Nrp1+Foxp3-   Nrp1-Foxp3-

*

TNF-α+IFN-γ+

% TNF-α+IFN-γ+ T cells

Nrp1+Foxp3-   Nrp1-Foxp3-

****

TNF-α-IFN-γ+

% TNF-α-IFN-γ+ T cells

Nrp1+Foxp3-   Nrp1-Foxp3-

****

C

Nrp1+Foxp3-   Nrp1-Foxp3-

69.2   46.8

CD44

PD-1

D

PD-1+CD44+

Percent of Nrp1+/-Foxp3- T cells

Nrp1+Foxp3-   Nrp1-Foxp3-

***

E

PD-1 gMFI

Of Nrp1+/-Foxp3- T cells

Nrp1+Foxp3-   Nrp1-Foxp3-

****

Supplemental Figure 1: Nrp1-Foxp3- CD4 T cells secreted both IFN-γ and TNF-α, whereas Foxp3-Nrp-1+ CD4 T cells secreted primarily IFN-γ and displayed markers of functional exhaustion. Represensentative contour plots of IFN-γ by TNF-α, gated on Nrp1+/-Foxp3- CD4 T cells (**A**). Pooled percentages of TNF-α+IFN-γ-, TNF-α+IFN-γ+, and TNF-α-IFN-γ+ CD4+ T cells, gated on Nrp1+Foxp3- (red) or Nrp1-Foxp3- CD4 T cells (blue) (**B**). Representative contour plots of PD-1 by CD44, gated on Nrp1+Foxp3- or Nrp1-Foxp3- CD4 T cells (**C**). Pooled percentages of PD-1+CD44+ T cells (**D**) and PD-1 gMFI (**E**), gated on Nrp1+Foxp3- or Nrp1-Foxp3- CD4 T cells. Results are expressed as the mean ± s.e.m from one independent experiment (n=3). Statistical significant differences were at *P < 0.05, ***P < 0.001, ****P < 0.0001.