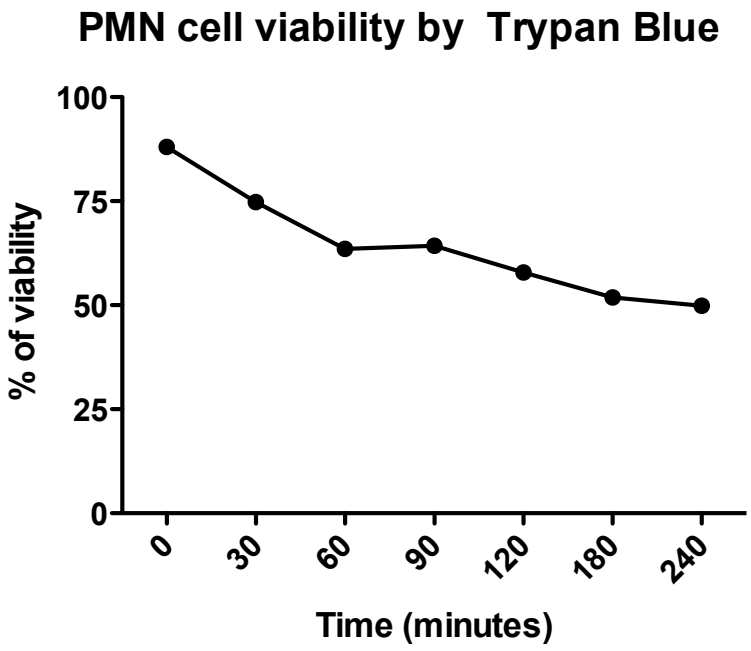
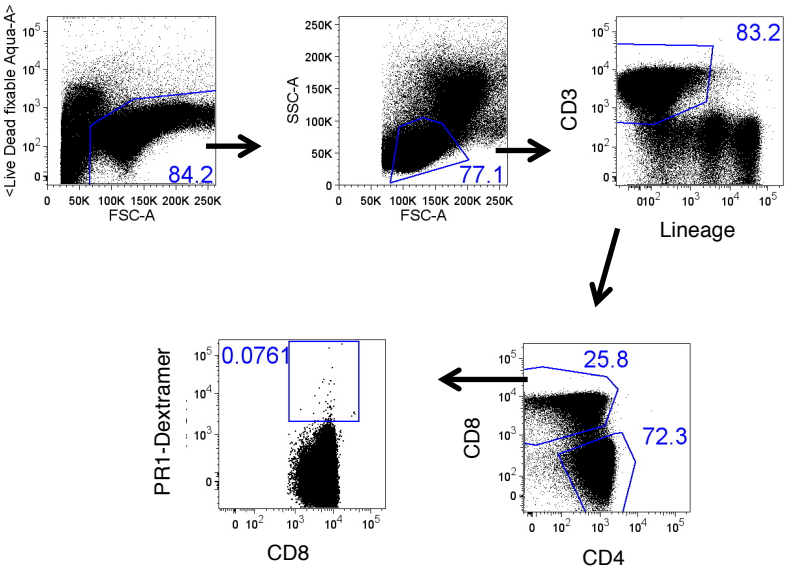
Supplemental Figures.

Supplemental Figure 1.



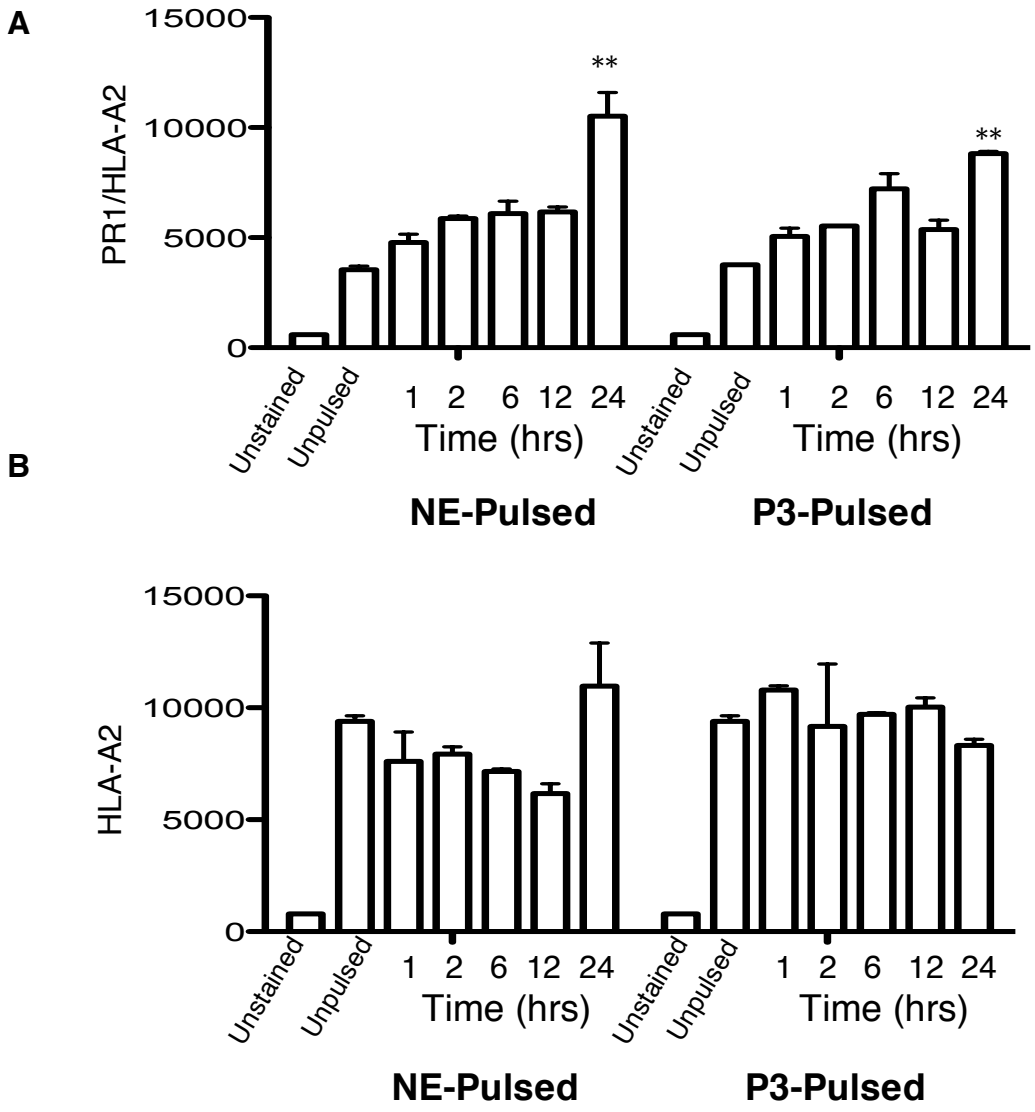
Supplemental Figure 1. Polymorphonuclear cell (PMN) viability following irradiation. PMN were irradiated at 7500 cGy. Trypan blue was used to assess cell viability over time.

Supplemental Figure 2.



Supplemental Figure 2. Gating strategy used to determine PR1-CTL frequency. Cells were stained with CD3, CD4, CD8 and PR1/HLA-A2-dextramer and the lineage (lin) markers CD14, CD16 and CD19. The percentage of PR1/HLA-A2 dextramer^{+} cells were determined from live, Lin^{-}, CD3^{+}, CD4^{-}, CD8^{+} cells.

Supplemental Figure 3



Supplemental Figure 3. Melanoma cross-presents NE and P3. Melanoma 526 HLA-A2+ cells were cultured with soluble NE or P3 (10 μg/mL) at increasing time-points and then analyzed for expression of (A) PR1/HLA-A2 or (B) HLA-A2. Mean±SEM of median fluorescence intensity (MFI) from duplicate wells stained for (A) PR1/HLA-A2 or (B) HLA-A2 is shown from a representative experiment. ANOVA followed by Tukey test was performed using Prism 5.0 software (**P<0.01).