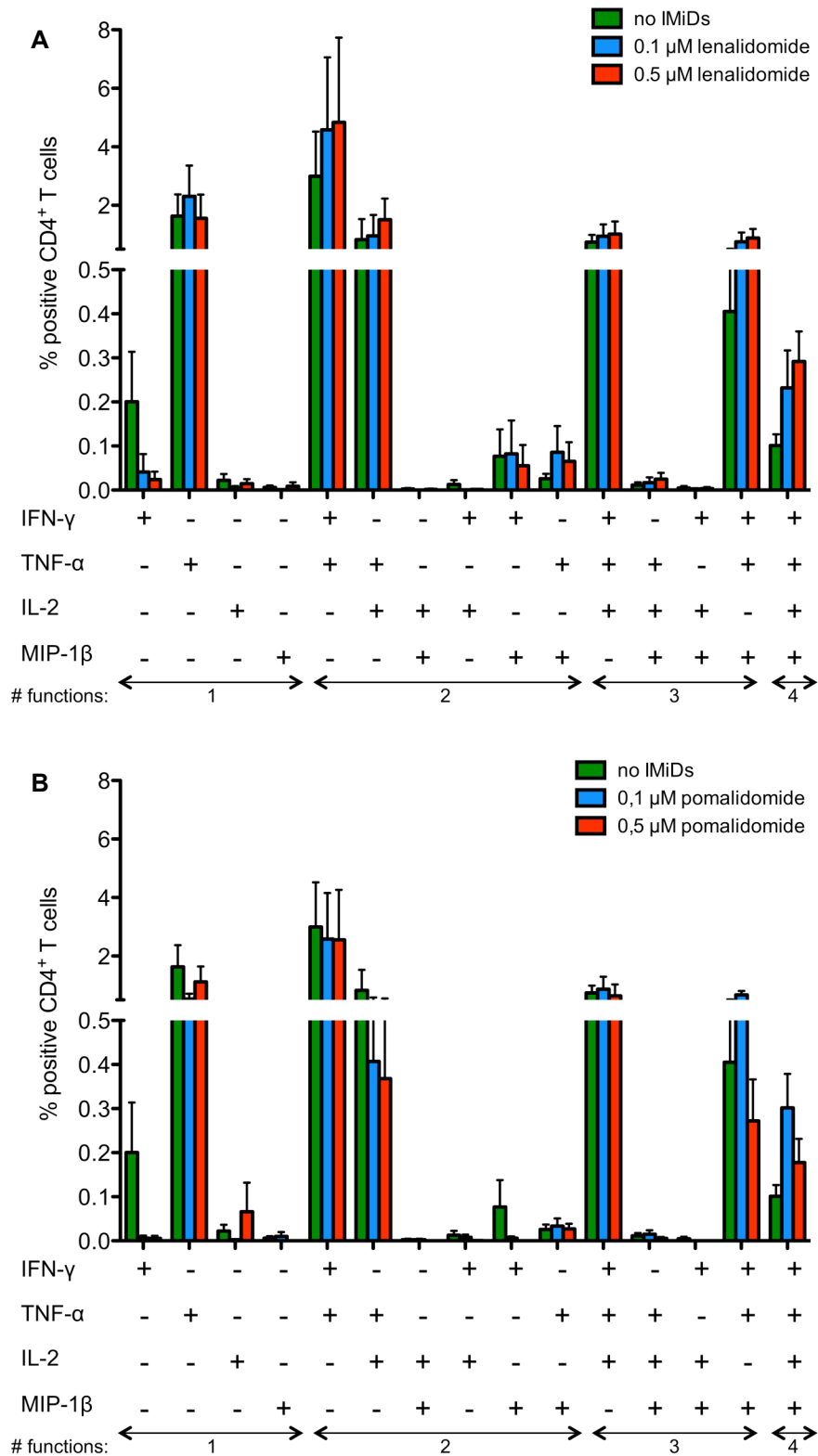


Supplemental figure 1. IMiDs increase the number of polyfunctional CD8⁺ T cells.

Purified CD8⁺ T cells were stimulated with DCs electroporated with mRNA encoding Gag or Nef. After 10 days of stimulation, the cells were co-cultured overnight with DCs electroporated with Gag or Nef encoding mRNA to measure antigen-specific cytokine production. The graphs show the CD8⁺ T cells expressing different combinations of IFN- γ , TNF- α , IL-2 and/or MIP-1 β . The bars indicate the mean of 7 experiments. The error bars represent the SEM. The degree of functionality for each type of T-cell response is indicated under the graph. Panels A and B show the effects of lenalidomide and pomalidomide on polyfunctional CD8⁺ T-cell responses, respectively.



Supplemental figure 2. Effects of IMiDs on the number of polyfunctional CD4⁺ T cells.

Purified CD4⁺ T cells were stimulated with DCs electroporated with mRNA encoding Gag or Nef. After 10 days of stimulation, the cells were co-cultured overnight with DCs electroporated with Gag or Nef encoding mRNA to measure antigen-specific cytokine production. The graphs show the CD4⁺ T cells expressing different combinations of IFN-γ, TNF-α, IL-2 and/or MIP-1β. The bars indicate the mean of 6 experiments. The error bars represent the SEM. The degree of functionality for each type of T-cell response is indicated under the graph. Panels A and B show the effects of lenalidomide and pomalidomide on polyfunctional CD4⁺ T-cell responses, respectively.