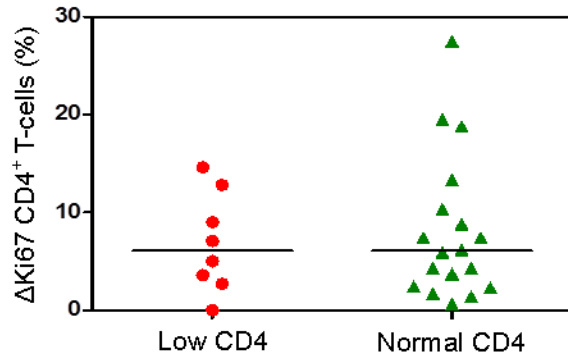


Supplemental Fig. 1. Forward and side light scatter profiles of cryopreserved PBMC.

Cells were stained immediately or were incubated for 5 days with or without 5ng/mL of IL-7 are shown. Low lymphocyte viability (evidenced by absence of a defined lymphocyte population on flow cytometry plots) precluded analysis of 5 day cultures from several patients. This was more common in patients with low rather than normal CD4⁺ T-cell counts (38% vs 5%; $p=0.02$).



Supplemental Fig. 2. Induction of Ki67 expression in CD4⁺ T-cells following stimulation with IL-7 was similar in samples from patients with low (●) or normal (▲) CD4⁺ T-cell counts (p=0.93). ΔKi67 represents the increase in the frequency of CD4⁺ T-cells that expressed Ki67 5 days post-stimulation with IL-7, over cells incubated in medium alone.