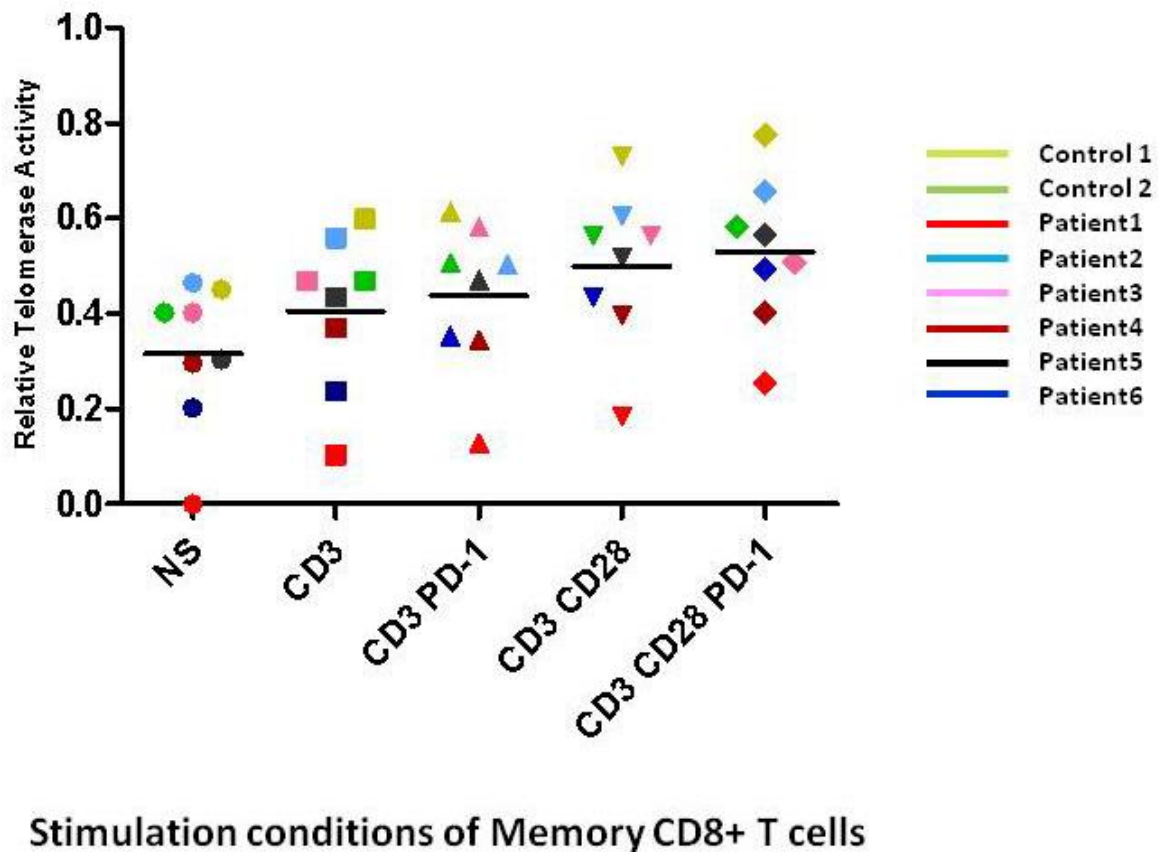


Supplementary Figure 1. The purity of memory T cells after negative selection using MACS technique was measured by anti-CD45RO-PE, CD8-APC, CD3-FITC.



Supplementary Figure 2. Comparison of telomerase activity of non-senescent memory T cells in every patient and control after stimulation in different conditions. Baseline telomerase activity of memory CD8+ T cells in patients (n=6) was lower compared to control subjects (n=2).