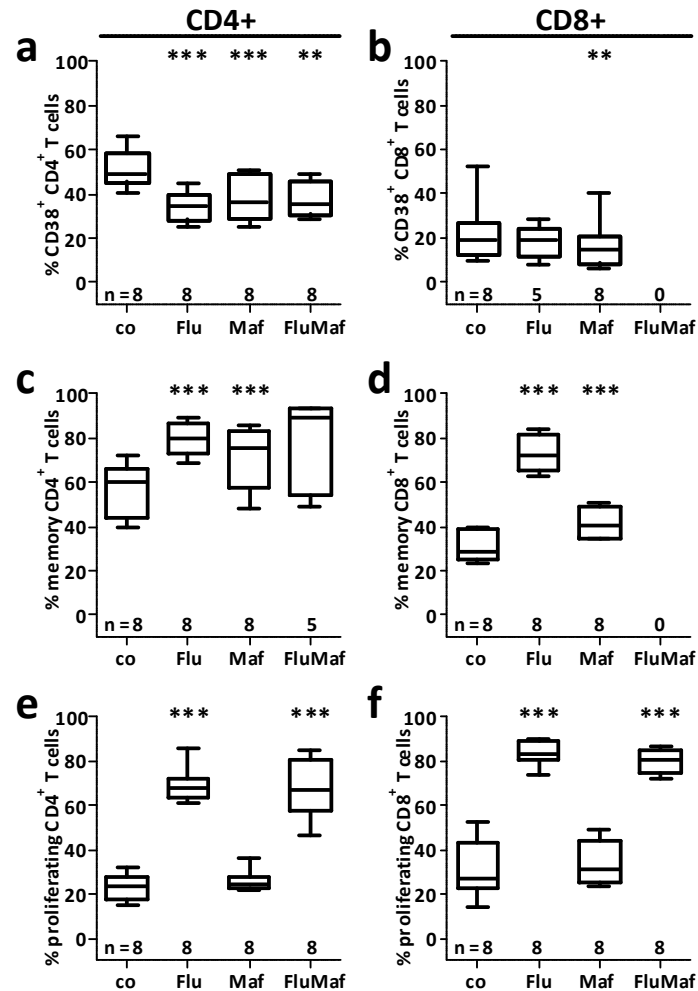


Suppl. Figure 2

Characterization of T cells from healthy donor samples after 6 days cytotoxic treatment



(a-d) PBMCs from 8 healthy donors were incubated for 24 hours with complete medium alone (co), fludarabine (Flu, 1 μ g/ml), mafosfamide (Maf, 1 μ g/ml) or both (FluMaf). The cells were then washed and cultured for subsequent 6 days in complete medium. On day 6, the fraction of CD38 expressing CD4⁺ (a) or CD8⁺ (b) T cells was determined. T cell subsets were defined by the expression profile of CD62L and CD45RA and the fraction of memory CD4⁺ (c) and CD8⁺ (d) T cells was determined.

(e-f) PBMCs from 8 healthy donors were incubated for 24 hours with complete medium alone (co), Flu (1 μ g/ml), Maf (1 μ g/ml) or FluMaf. The cells were then washed, stained with CFSE, and cultured for 6 days in complete medium in the presence of beads coated with anti-CD3/anti-CD28 antibodies at a PBMC/bead ratio of 50:1. On day 6, the fraction of CFSE-diluted CD4⁺ (e) and CD8⁺ (f) T cells was assessed. Significant differences of treated samples versus control (co) are indicated by asterisks (*p<0.05, **p<0.01, ***p<0.001)