



Fig. S1. Proliferation of CD4⁺ effector T cells in AD patients ($n=3$) stimulated by anti-CD3/CD28 together with SEB in the presence of CD4⁺CD25⁺ regulatory T cells in a dose-response experiment. The tests were performed as described in details in the "Methods" section. First the proliferation of effector T-cells was studied in the presence of 1 pg/ml SEB with increasing Treg:Teffector cell ratios (1:2, 1:1, 3:1) (A), and then on Treg:Teffector 1:1 cell ratio with increasing concentrations of SEB (1 pg/ml, 500 pg/ml, 5,000 pg/ml) (B). Cell proliferation was measured by EZ4U colorimetric cell proliferation assay. The measurements were performed in triplicate and averages were calculated.