



Figure S1. IFN- γ and IL-4 ELISpot assays. Spot forming units/ 10^6 T cells from the peripheral blood of AD and non-AD children in response to crude extract (CE) of Der p were quantified. In AD patients (N=17), counts (CFU/ml) of skin *S. aureus* were associated with the IL4 to IFN- γ spots ratio. Spearman's correlation, $r=0.63$, $p=0.0062$.