Figure S1. The ssGSEA results using the GSE65832 bulk RNA-seq dataset (AD vs. healthy controls)

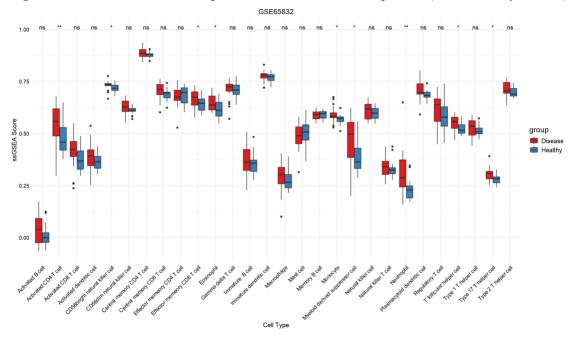


Figure S2. (**A**) UMAP plots of scRNA-seq data (GSE269981) showing immune cell clusters (T cells, B cells, neutrophils, NK cells) in AD lesional vs. healthy skin. (**B**) Bar plots quantifying immune cell frequencies. AD lesions exhibited higher CD4 T cells, B cells, neutrophils and dendritic cells compared to healthy controls.

