



Figure S1: Experimental Design: Primary monocytes were isolated from peripheral blood mononuclear cells (PBMCs) obtained from twenty healthy individuals of African-American (**AA**) and European-American (**EA**) ancestry. The monocytes were cultured in triplicate for 24 hours under four treatment conditions: i. the vehicle control (ethanol or **E**), ii. 1,25D (**V**), iii. LPS (**L**), and iv. 1,25D + LPS (**V + L**). The three replicates for each treatment were pooled for RNA extraction, and genome-wide gene expression was measured using Illumina microarrays.