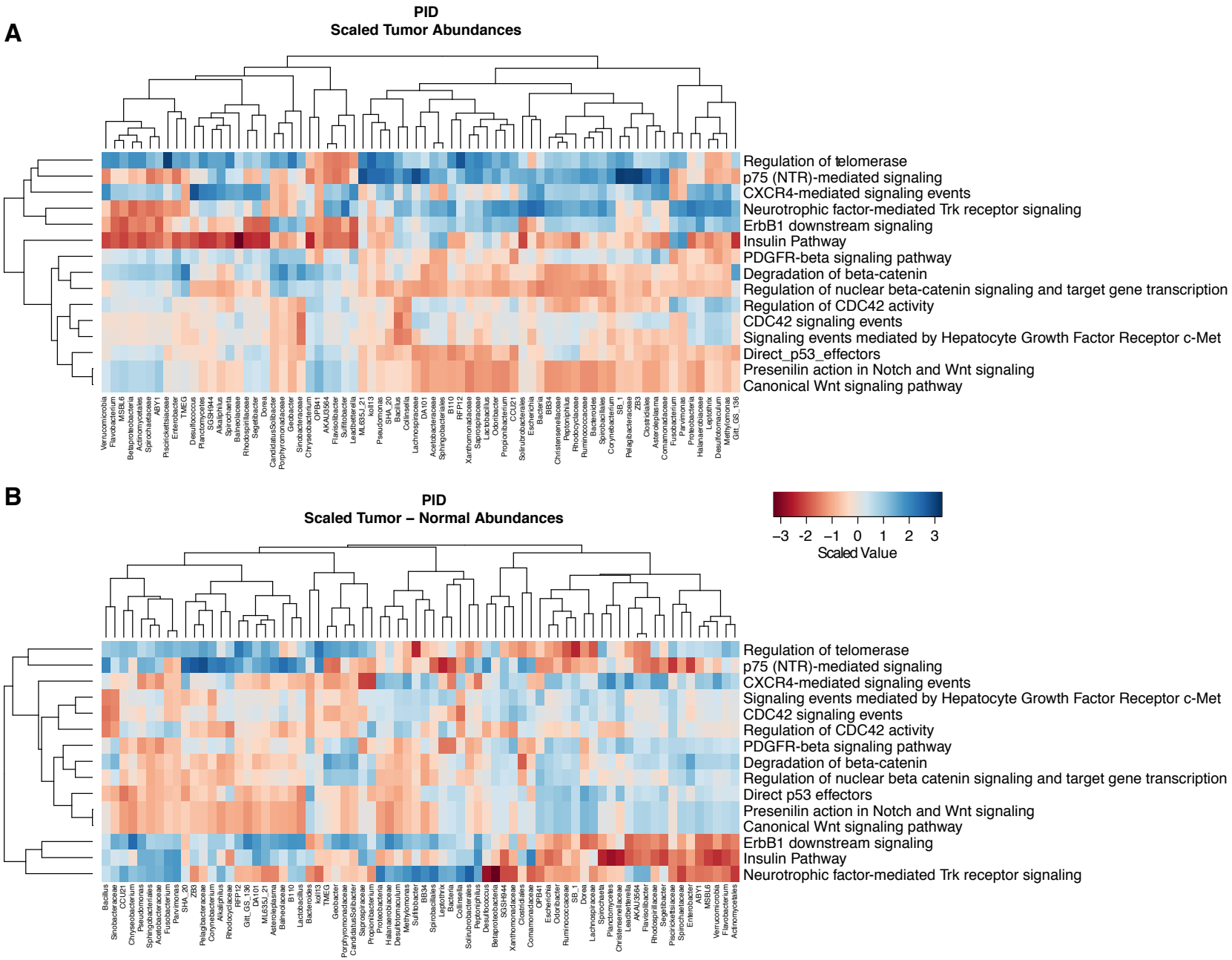

S7 Fig. Heatmaps demonstrating the patterns of microbial abundances for patient samples with prevalent LoF mutations in PID pathways. (A) Scaled taxon abundances (columns) in the tumor samples that harbor LoF mutations in the PID pathways indicated (rows). (B) Scaled differences (tumor abundance - matched normal abundance) patients that harbor tumor-specfic LoF mutations in the PID pathways indicated (rows).