Heatplot MDE_TMDS tumor necrosis factor superfamily cytokine production taxis T cell activation response to bacterium regulation of tumor necrosis factor superfamily cytokine regulation of lymphocyte activation regulation of leukocyte activation regulation of humoral immune response regulation of cytokine production regulation of complement activation regulation of cell-cell adhesion regulation of cell activation positive regulation of immune response positive regulation of cytokine production positive regulation of cell-cell adhesion mononuclear cell differentiation lymphocyte activation leukocyte differentiation inflammatory response humoral immune response G protein-coupled receptor signaling pathway defense response to bacterium cytokine-mediated signaling pathway complement activation chemotaxis cell killing antimicrobial humoral response antimicrobial humoral immune response mediated by antimicrobial peptide antibacterial humoral response adaptive immune response