20240712\_Karen\_P589\_July\_deliverables\_list

 >Table of #cells that pass QC by stimulation and donor (CD3/28, CEFX, islet)

 Combine P589-1 and P589-2 (downsample CEFX cells for donor with 21K cells)

 UMAP of cells by GEX data

1. > annotate by stimulation
2. >annotate donor type HC or T1D
3. >expression of DEGs from P390 Tconv or Treg from Alex Hu

 >overlay UMAP with CITE-seq ab tags

anti-human CD154, anti-human CD137, anti-human CD69, anti-human CD127, anti-human CD25, anti-human CD45RA, anti-human CD45RO, anti-human CCR7, Mouse IgG1, - isotype Ctrl