

Figure S1

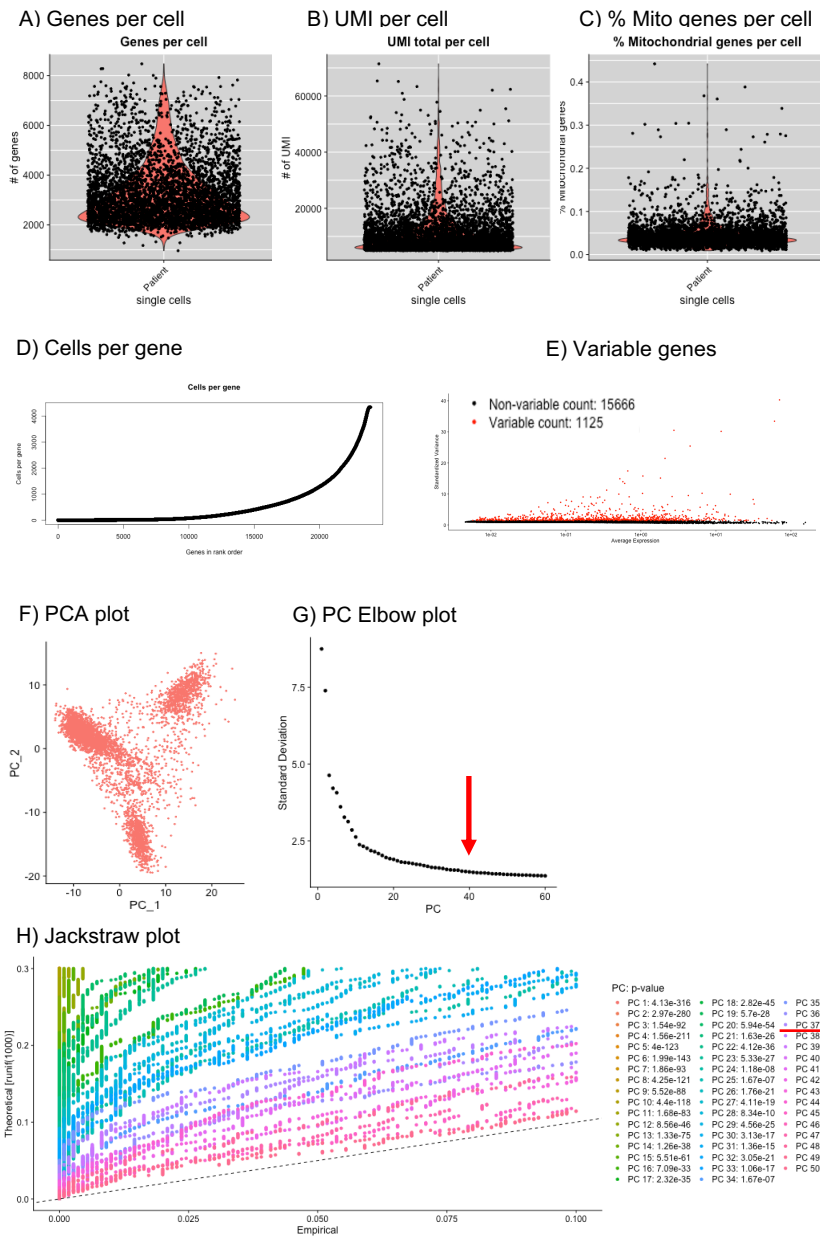


Figure S1. Graphics used to determine initial filtering values. A) Violin plot of gene count per cell. B) Violin plot of UMI count per cell. C) Violin plot of mitochondrial genes as percent of total genes in cell. D) Graphic showing number of cells/gene with genes placed in rank order on X axis. E) Scatterplot of the standard variance of each gene by the average UMI count for the gene. Genes in red were selected as “variable” and used for clustering. F) Scatterplot of cells based on the first two principle components. G) Elbow plot of the Standard Deviation for the first 60 principle components. Red arrow indicates maximum value used in pkpr loop. H) Jackstraw plot of the first 50 PCs. Legend indicates p-value of each PC. Dashed line indicates significance cut-off. Red line indicates maximum value used in pkpr loop for this sample.