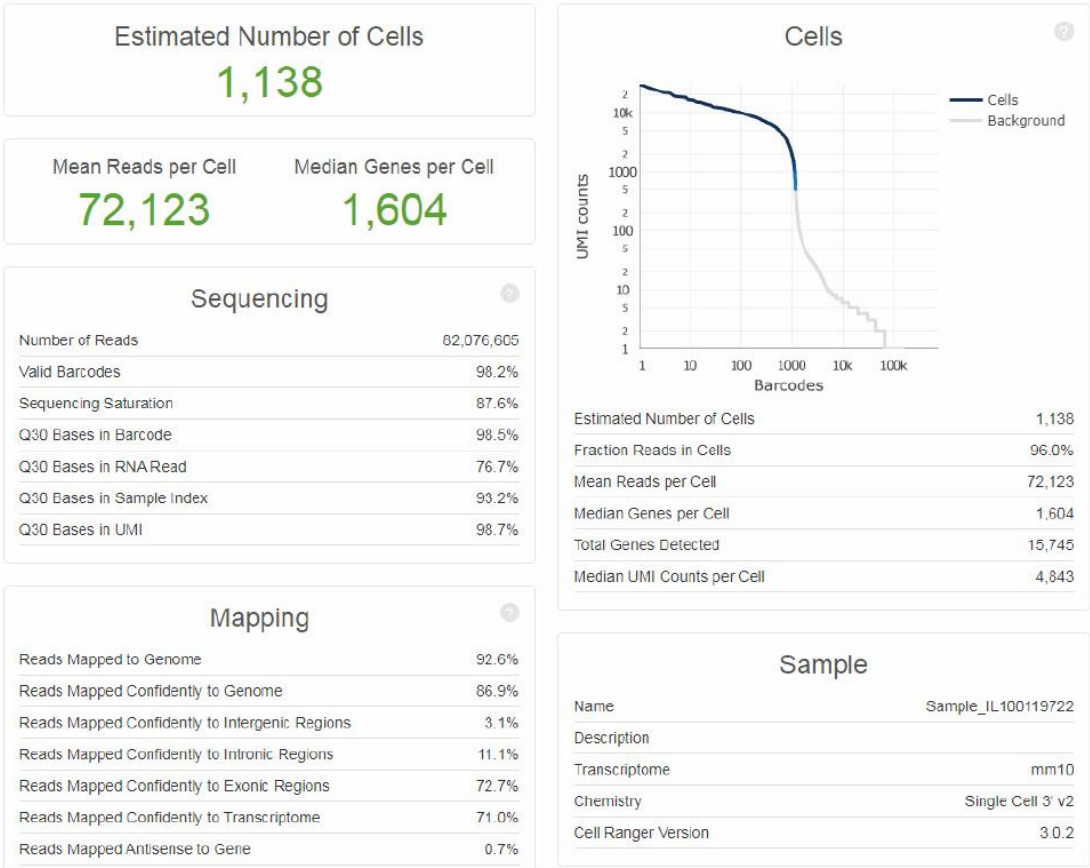


RD-1



RD-2

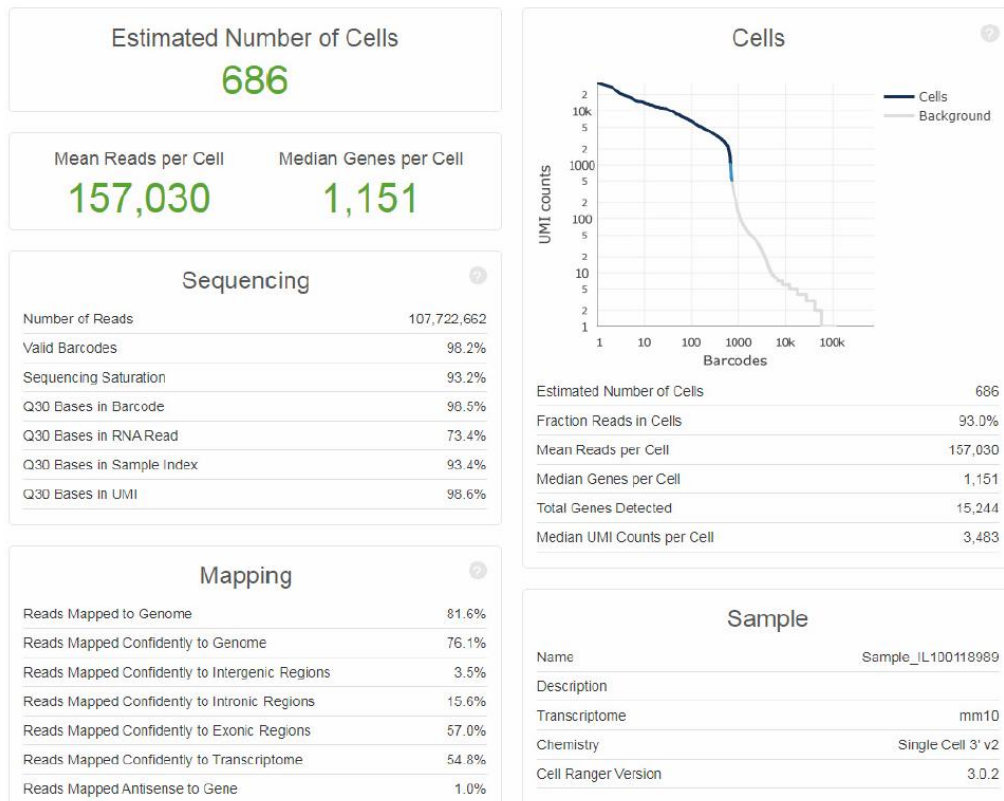


Figure S2. This QC report for the scRNA-seq of the RD-2 cell sample was generated from CellRanger analysis.

HFD-1

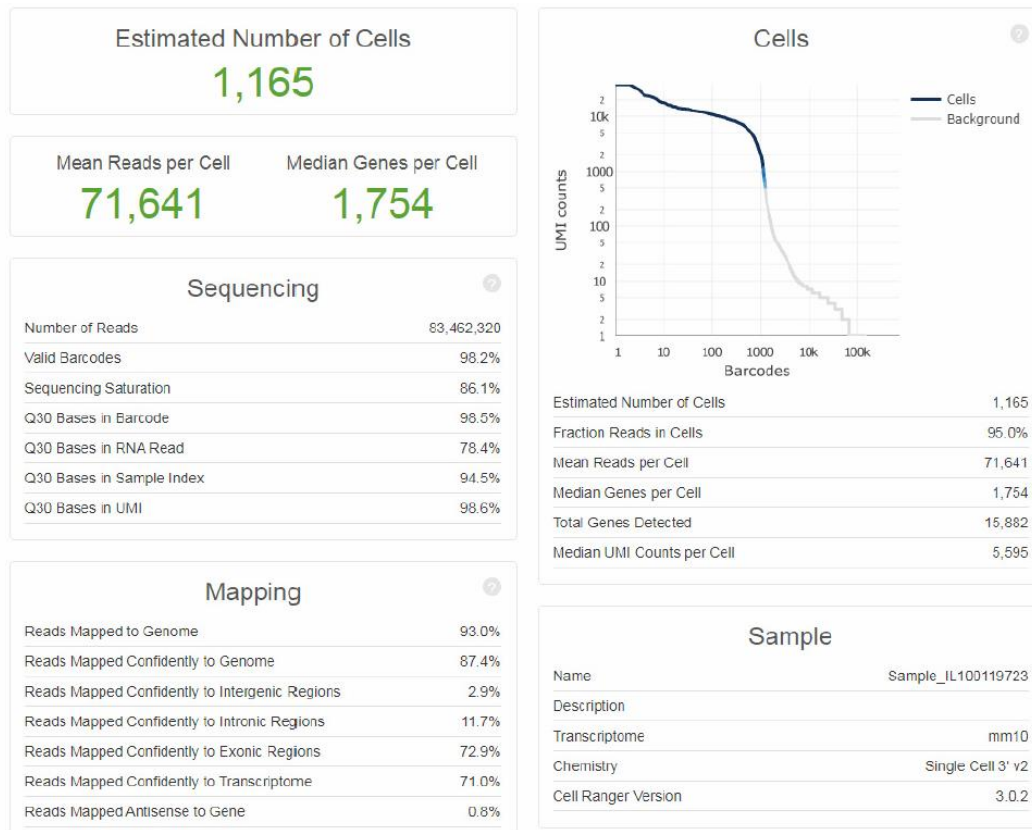


Figure S3. This QC report for the scRNA-seq of the HFD-1 cell sample was generated from CellRanger analysis.

HFD-2

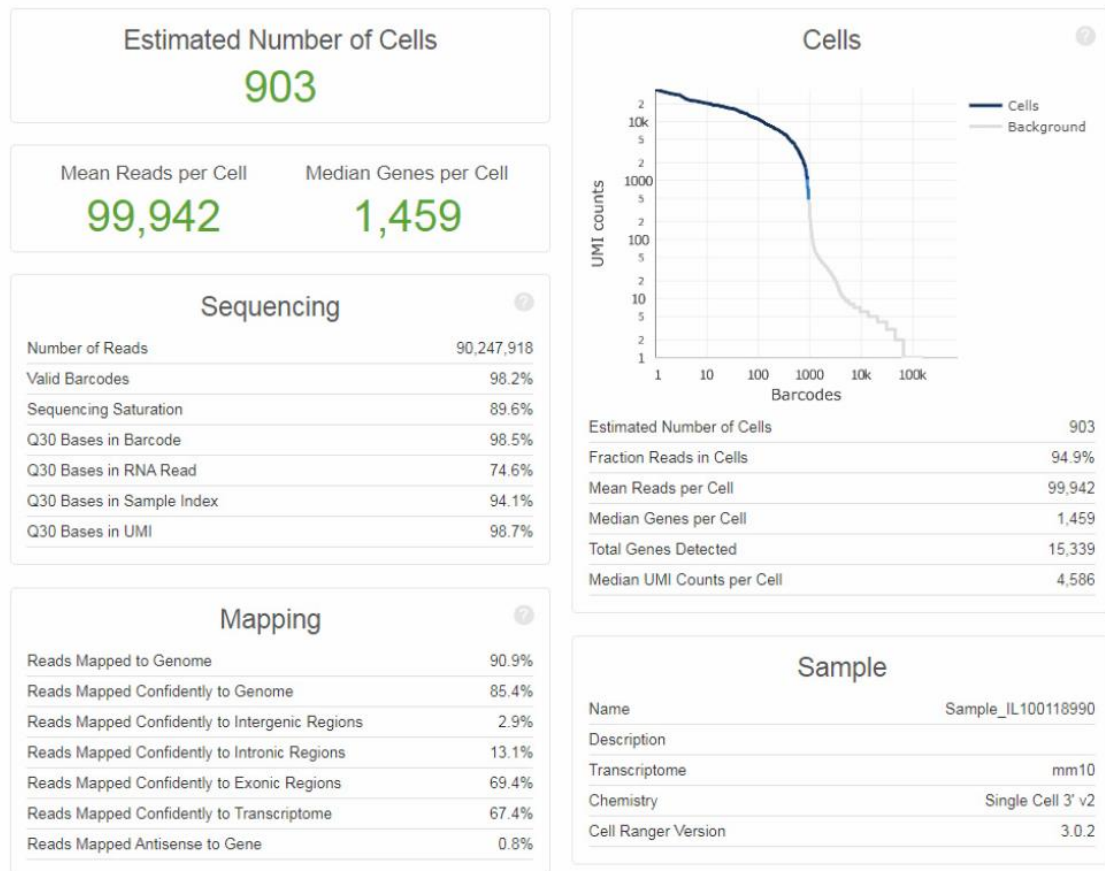


Figure S4. This QC report for the scRNA-seq of the HFD-2 cell sample was generated from CellRanger analysis.

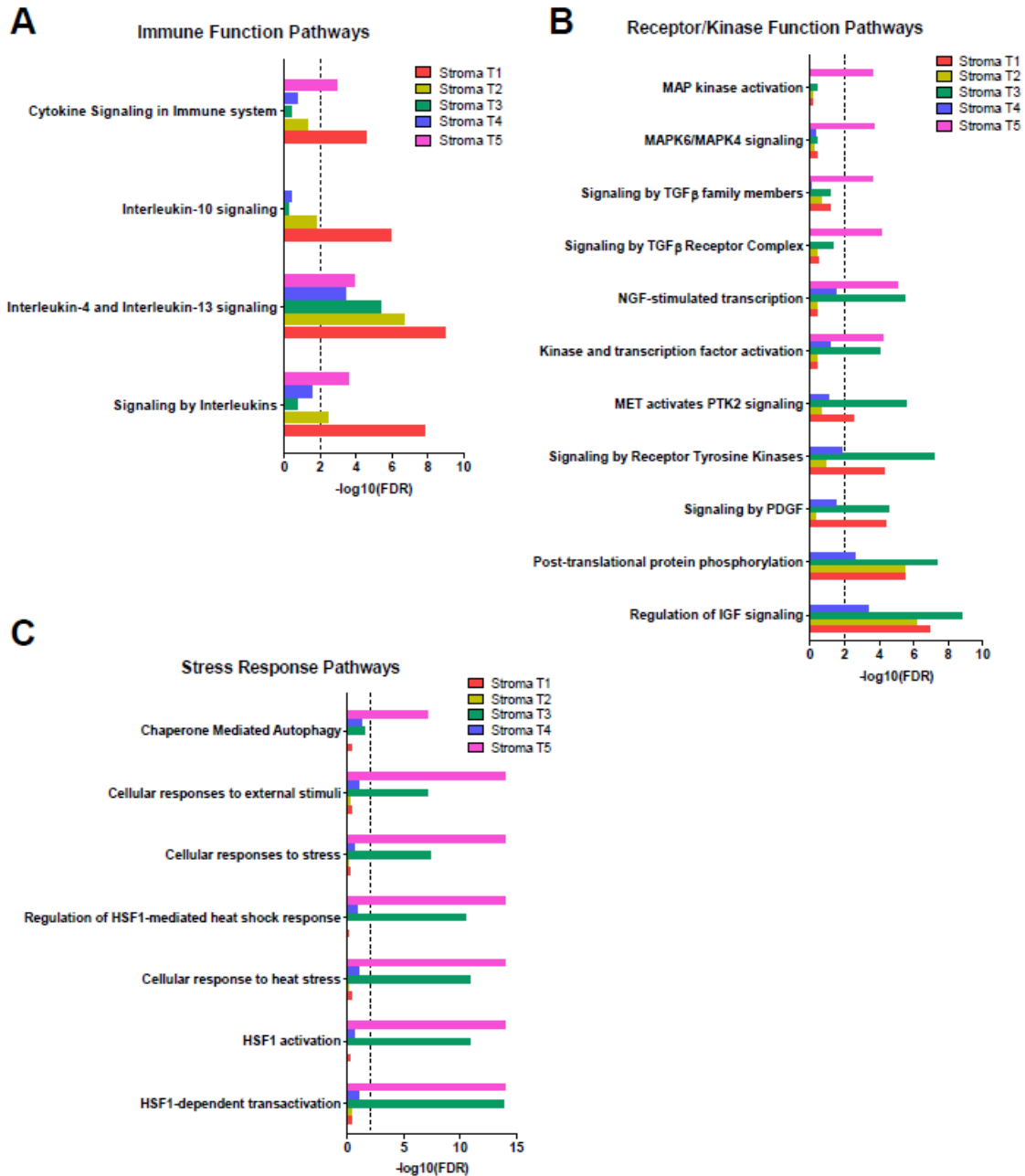


Figure S5. Gene enrichment analysis of biological function pathways in different stromal subtype cells. Three different classified pathways are shown here, including immune function pathways (A), receptor/kinase function pathways (B) and stress response pathways (C). The cut-off FDR (0.01, $-\log_{10}(\text{FDR}) = 2$) is shown as a dash line in figures.