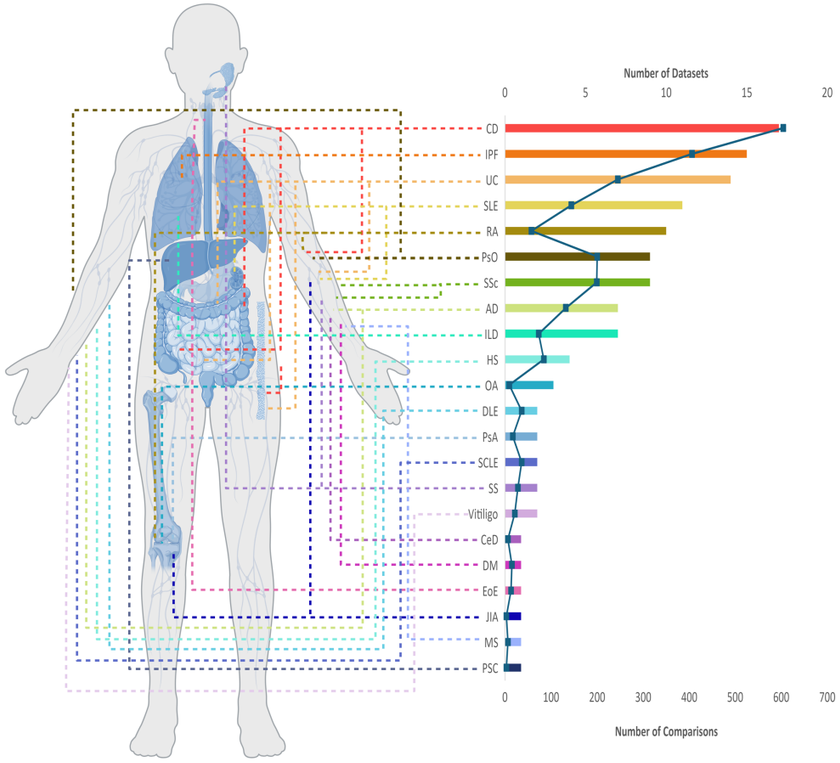
2,125 differential gene lists from 100 scRNA-seq datasets in 22 auto-immune diseases



Metadata curation

- 22 diseases
- 17 tissues
- 121 cell types
- 9 treatments

PostgreSQL

scCompare

Query System

REQUIRED

Select cell types of interest

Search

- cell
  - abnormal cell
  - ciliated cell
  - connective tissue cell
  - contractile cell
  - embryonic cell
  - epithelial cell
  - hematopoietic cell
  - melanocyte
  - mural cell
  - neural cell
  - perivascular cell
  - precursor cell
  - secretory cell
  - transit amplifying cell

Select diseases of interest

CD UC

OPTIONAL

Select tissues of interest

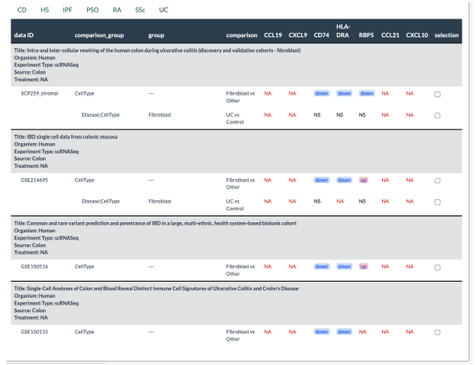
Colon

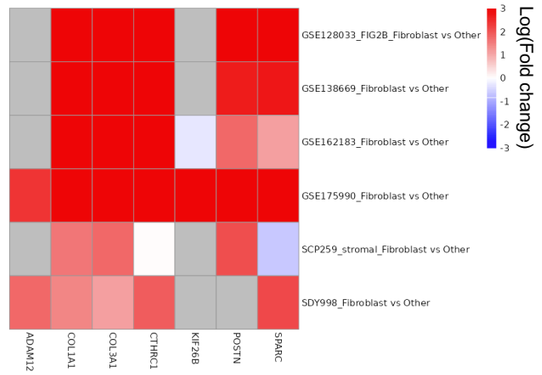
Select treatment of interest

Web-based comparison and visualization system

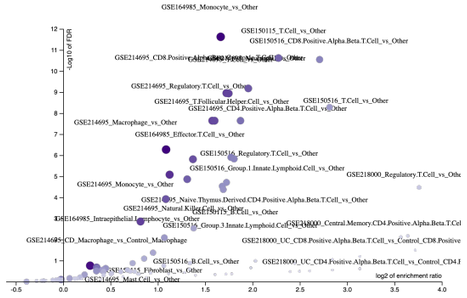
Shiny by RStudio

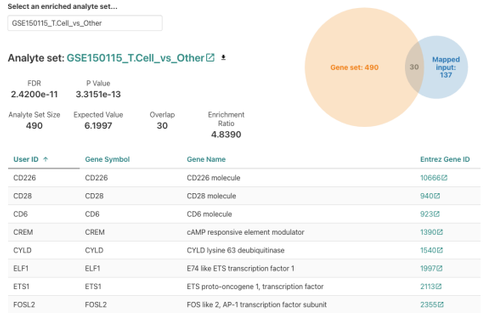
geneQuery





DEGEnricher





DEGCompare