

For interactive report, load RData output here: ([https://saezlab.shinyapps.io/cluster\\_identity\\_report](https://saezlab.shinyapps.io/cluster_identity_report))

```
Input File: .../pipeline_output/s01_qc_processing.Rdata
Output Directory: ...
/data/ERS2921927_20200806/pipeline_output
Number of Principle Components: 10
Resolution for Clustering: 0.3
```

Heatmap visualization showing gene expression levels across six clusters (0-5). The y-axis lists 100 genes, and the x-axis shows six clusters with corresponding color bars. A color scale for expression ranges from -2 (purple) to 2 (yellow). A legend on the right shows identity levels 0-5 with colored dots.

Genes (Y-axis):

- Scara5
- Ly6a
- Ly6c1
- Clec3b
- Ccr1
- Frl6
- Uap1
- Lmo4
- Cd248
- Md
- Peskb
- Thbs2
- Pgf
- Ifi272
- Tmem100
- Gm12540
- Cxcl14
- Col1a1
- Macr1
- Lgals1
- Emr1
- Mfap5
- Gip
- Fbln
- Chc
- Clo
- Postn
- Cst1
- Cst8
- Coro2
- Aspn
- Segpin1
- Imo1
- Col2
- Hes11
- Dsep1
- Imo2
- Ifitm1
- Gata3
- Acm
- Rarrrc2
- Smoc2
- Neh
- Cp
- Angpt2
- Ifi202
- Emoc
- Apod
- Emoc
- Cst3
- Cst3
- Cst3
- Gata6
- Imo3
- Col1a1
- Apoe
- Fbln
- Ccl19
- Snx
- Ccl19
- Mfap4
- Itih3
- Ccna1
- Sfrp2
- Adas1
- Wnt1
- Rarb3
- Dkk3
- Lmo1
- Cyp2e1
- Eno4
- Fmo3
- Itih1
- Itih1
- Ccl19
- Carp2
- Cyp11
- Comp
- Cst3
- Cst3
- Cst3
- Cst3
- Tyrosb
- Fer1g
- Cst3
- Cxcl2
- Cxcl2
- Wfsc17
- Ly6c2
- Lgals3
- Sgpl
- Pf4
- Pf4
- Gm25917

Expression Scale (Right):

- Identity: 0 (red), 1 (orange), 2 (green), 3 (blue), 4 (purple), 5 (pink)
- Expression: 2 (yellow), 1 (orange), 0 (white), -1 (purple), -2 (dark purple)

**Error:** object 'ids' not found

**Error:** object 'pca2' not found