Documentation Booklet

MetaR

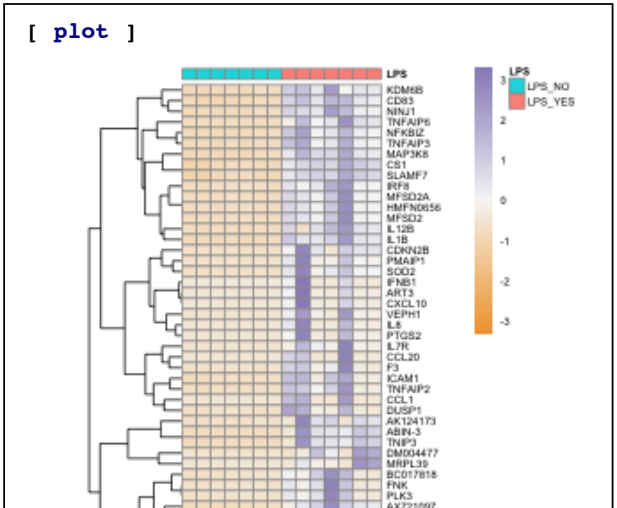
```
Analysis edgeR diff exp
{
  import table GSE59364_DC_all.csv

  subset rows GSE59364_DC_all.csv when true: $(gene) != "Total" -> filtered

  edgeR counts= filtered model: ~ 0 + LPS
    comparing LP
                GSE59364_DC_all.csv          ^Table (leaflet)
                filtered ^myOwnTable (leaflet.edgeR diff exp)
                                                                th   tagwise dispersion )
  join ( filtered, Results ) by group ID -> MergedResults
  subset rows MergedResults when true: ($(FDR) < 0.0001) & ($(logFC) > 2 | $(logFC) < -2) -> 1% FDR

  heatmap with 1% FDR select data by one or more group LPS=YES, group LPS=NO -> plot HeatmapStyle [
    annotate with these groups: LPS
    scale values: scale by row
    cluster columns: false cluster rows: true
  ]
  multiplot -> PreviewHeatmap [  1 cols x 1 rows ]   Hide preview
```

```
[ plot ]
```



MetaR blends User Interfaces and Scripting

http://metaR.campagnelab.org

Provide Simple Abstractions that non-programmers can use for Data Analysis