

Analysis edgeR diff exp

```

{
  import table GSE59364_DC_all.csv

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

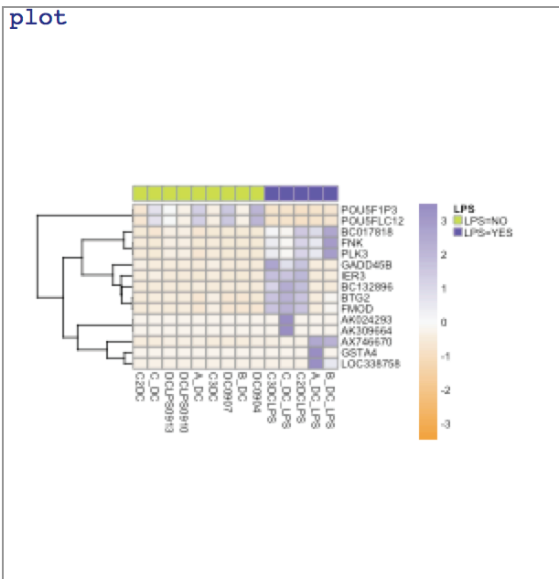
  edgeR counts= filtered model: ~ 0 + LPS
    comparing LPS=YES - LPS=NO -> Results (normalize with tagwise dispersion )

  join ( filtered, Results ) by group ID -> MergedResults
  subset rows MergedResults when true: ($(FDR) < 0.01) & ($(logFC) > 2 | $(logFC) < -2) -> 1% FDR
  build heatmap with 1% FDR select data by one or more group LPS=YES, group LPS=NO -> plot [
    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



render plot as PDF named "heatmap.pdf" ...

rendering

MetaR Documentation Booklet