AnalisisGAGE

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2/6/2021

Cargar la base de datos

```
data(kegg.sets.hs)
data(sigmet.idx.hs)
kegg.sets.hs <- kegg.sets.hs[sigmet.idx.hs]
kegg.sets.hs <- kegg.sets.hs[1:131]</pre>
```

Hacer los grupos

```
earlyOnset <- which(colnames(countData)%in%samplesToStudy$LessThan70Years)
lateOnset <- which(colnames(countData)%in%samplesToStudy$GreaterThan70Years)</pre>
```

Analisis con GAGE teniendo en cuenta las perturbaciones en solo una dirección

```
## [1] "No heatmap produced for up- or down-regulated gene sets, only 1 or none signficant."
## [1] "there are 0 signficantly up-regulated gene sets"
```

[1] "there are 0 signficantly down-regulated gene sets"

Analisis con GAGE teniendo en cuenta las perturbaciones en ambas direcciones

[1] "there are 30 signficantly two-direction perturbed gene sets"