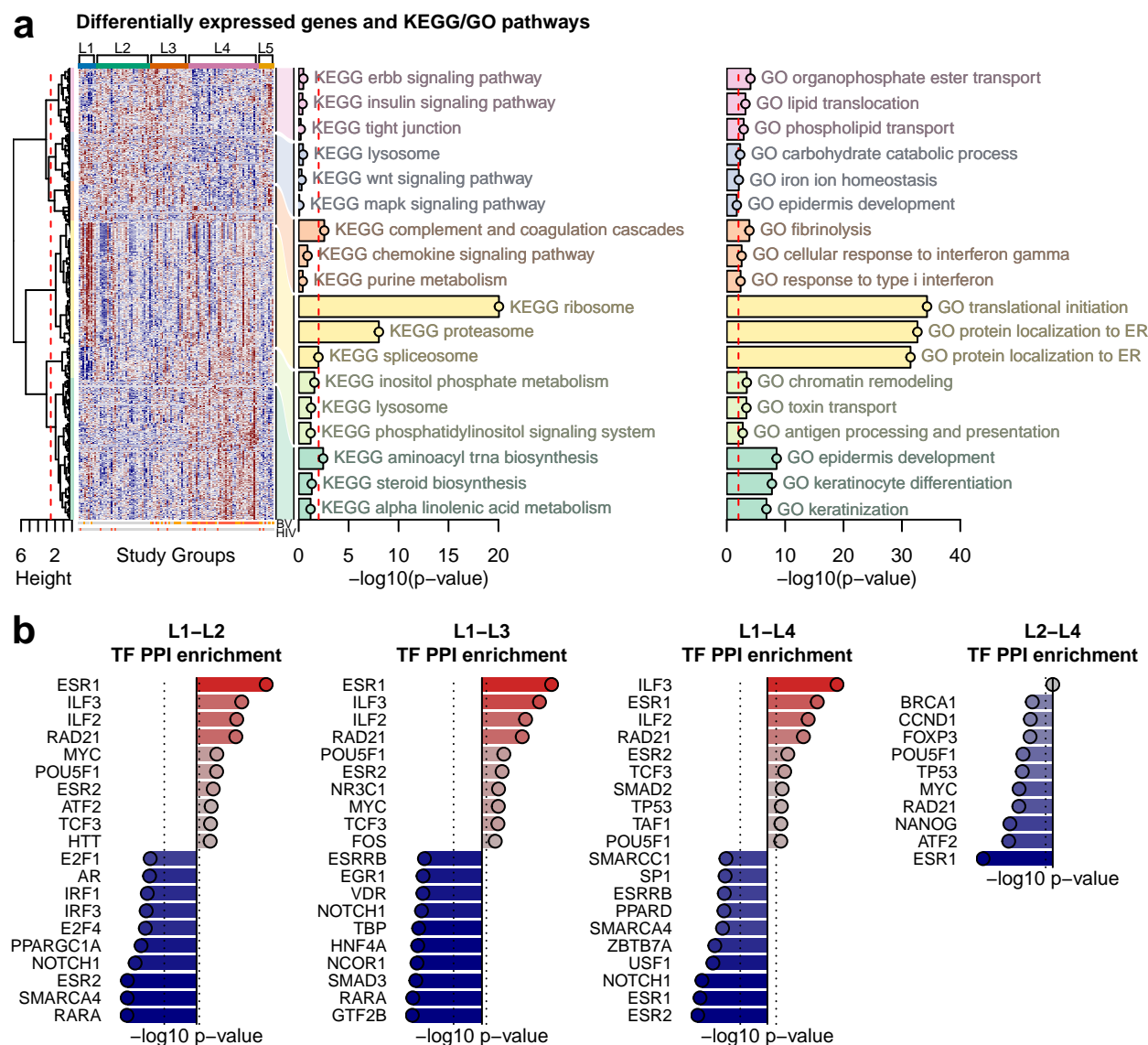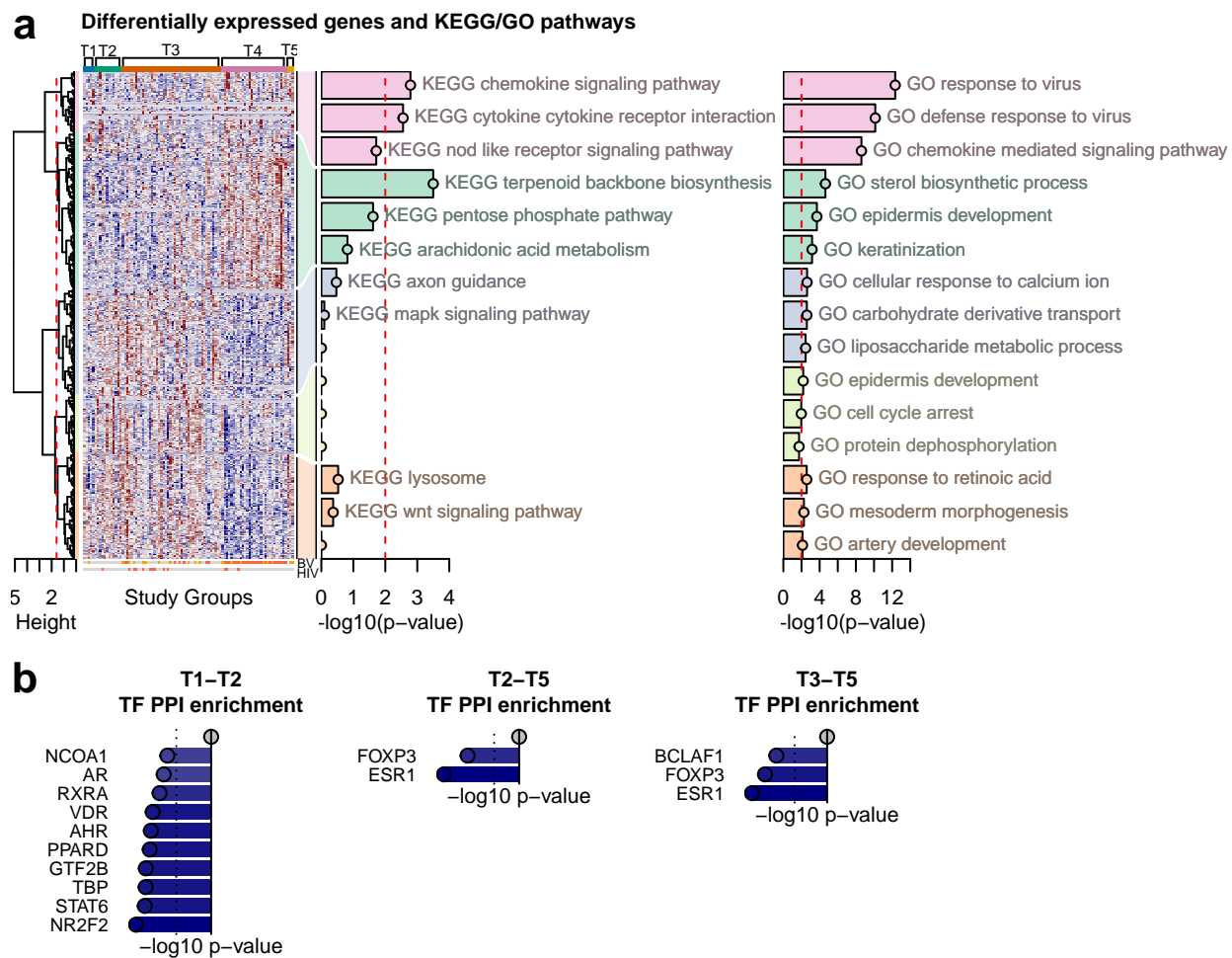# DGE's and Enrichment

```
knitr::opts_chunk$set(fig.path="./Figures/")
#setwd("/Users/vilkal/work/Brolidens_work/Projects/Gabriella_repo/reports/rmarkdown/manuscript")
```

Heatmap DGEs and enrichment

a Differentially expressed genes and KEGG/GO pathways

b TF PPI enrichment

```
## pdf
##    2
```

```
## pdf
##    2
```

a

Differentially expressed genes and KEGG/GO pathways

KEGG chemokine signaling pathway
KEGG cytokine cytokine receptor interaction
KEGG nod like receptor signaling pathway
KEGG terpenoid backbone biosynthesis
KEGG pentose phosphate pathway
KEGG arachidonic acid metabolism
KEGG axon guidance
KEGG mapk signaling pathway

KEGG lysosome
KEGG wnt signaling pathway

GO response to virus
GO defense response to virus
GO chemokine mediated signaling pathway
GO sterol biosynthetic process
GO epidermis development
GO keratinization
GO cellular response to calcium ion
GO carbohydrate derivative transport
GO liposaccharide metabolic process
GO epidermis development
GO cell cycle arrest
GO protein dephosphorylation
GO response to retinoic acid
GO mesoderm morphogenesis
GO artery development

5   2
Height

Study Groups

-log10(p–value)

-log10(p–value)

b

T1–T2
TF PPI enrichment

NCOA1
AR
RXRA
VDR
AHR
PPARD
GTF2B
TBP
STAT6
NR2F2

–log10 p–value

T2–T5
TF PPI enrichment

FOXP3
ESR1

–log10 p–value

T3–T5
TF PPI enrichment

BCLAF1
FOXP3
ESR1

–log10 p–value

igraph network plot