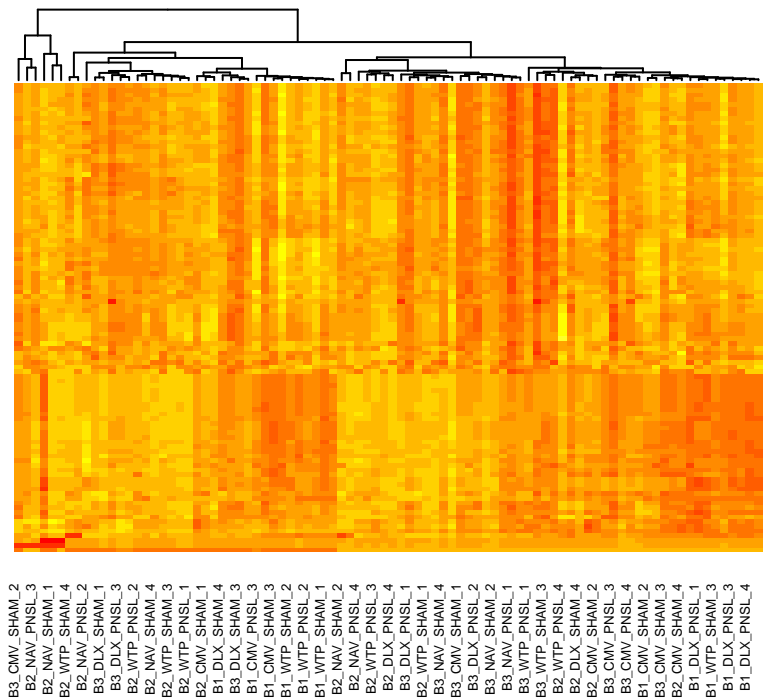


# Differential expresion and GO terms analysis with HiSat2

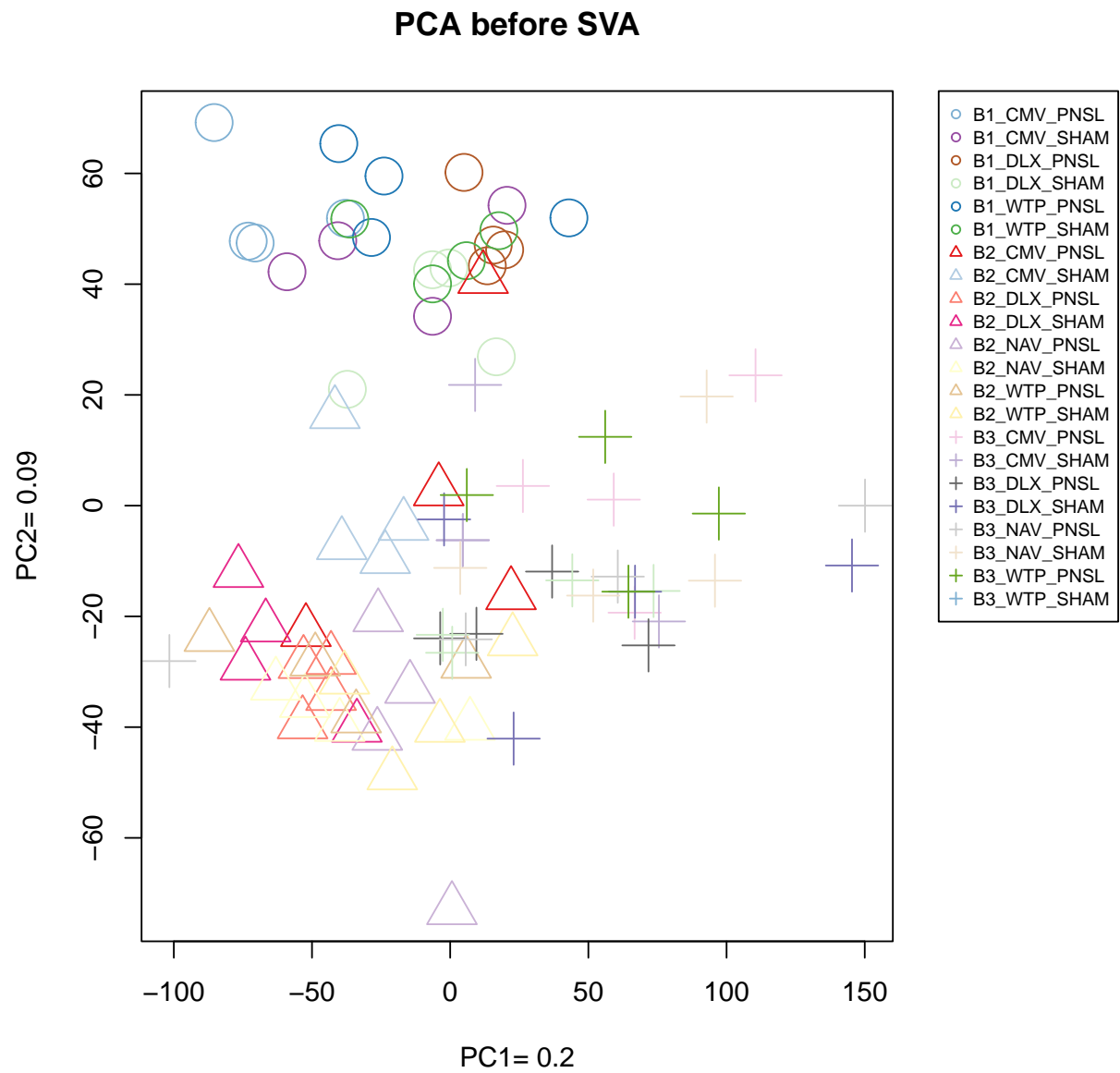
## Section 1 - Limma

### Heatmap raw data

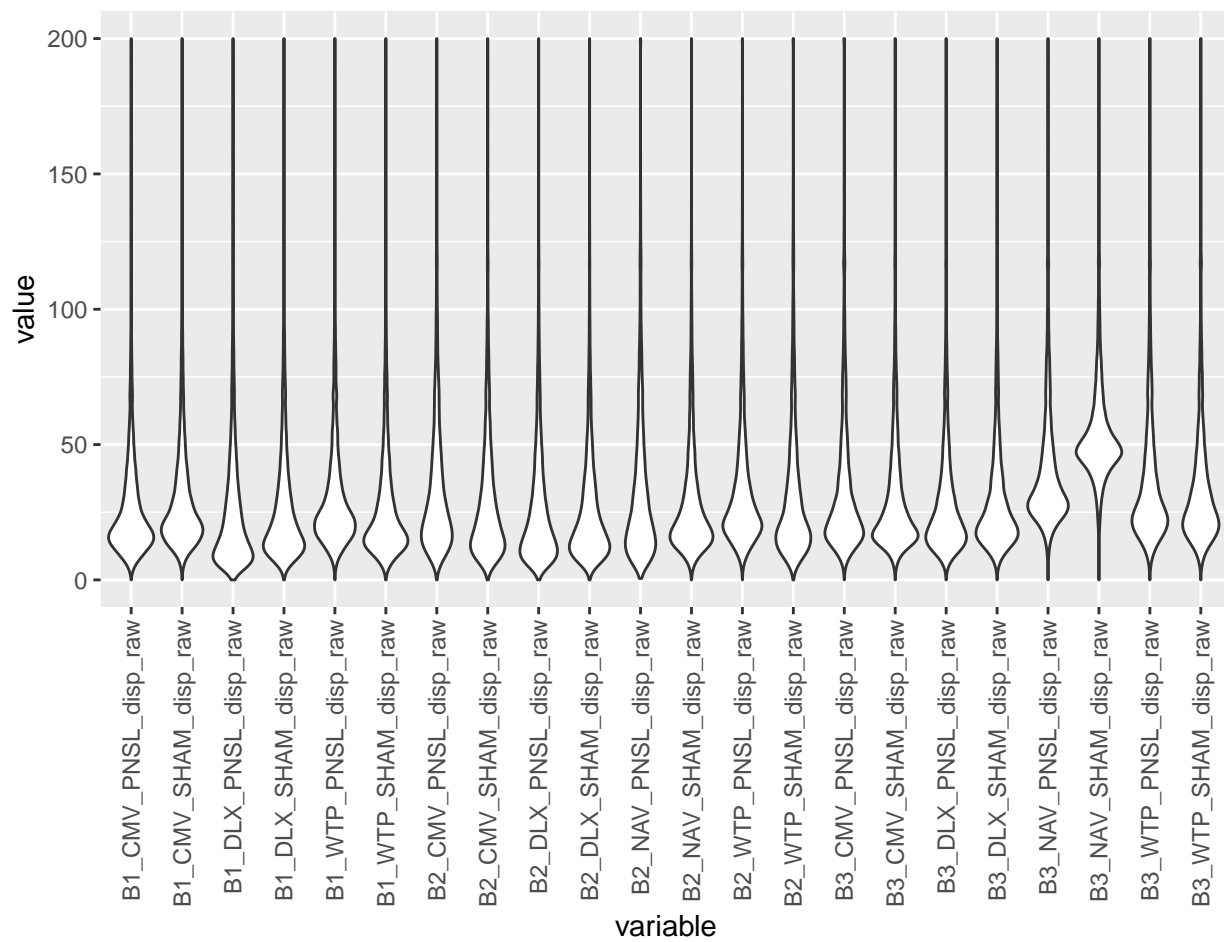
**atmap for 100 most variable samples  
raw data**



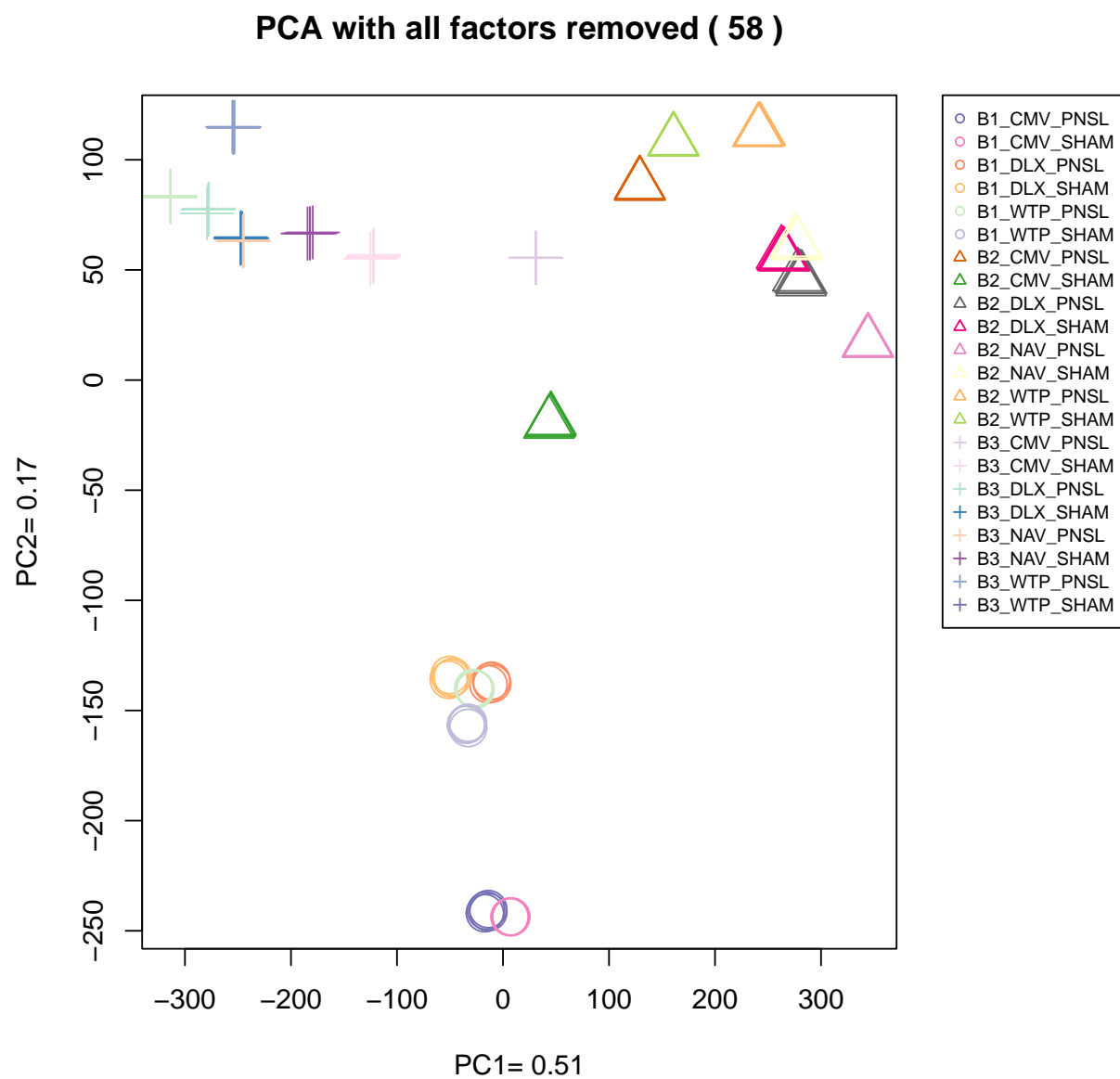
## PCA raw data



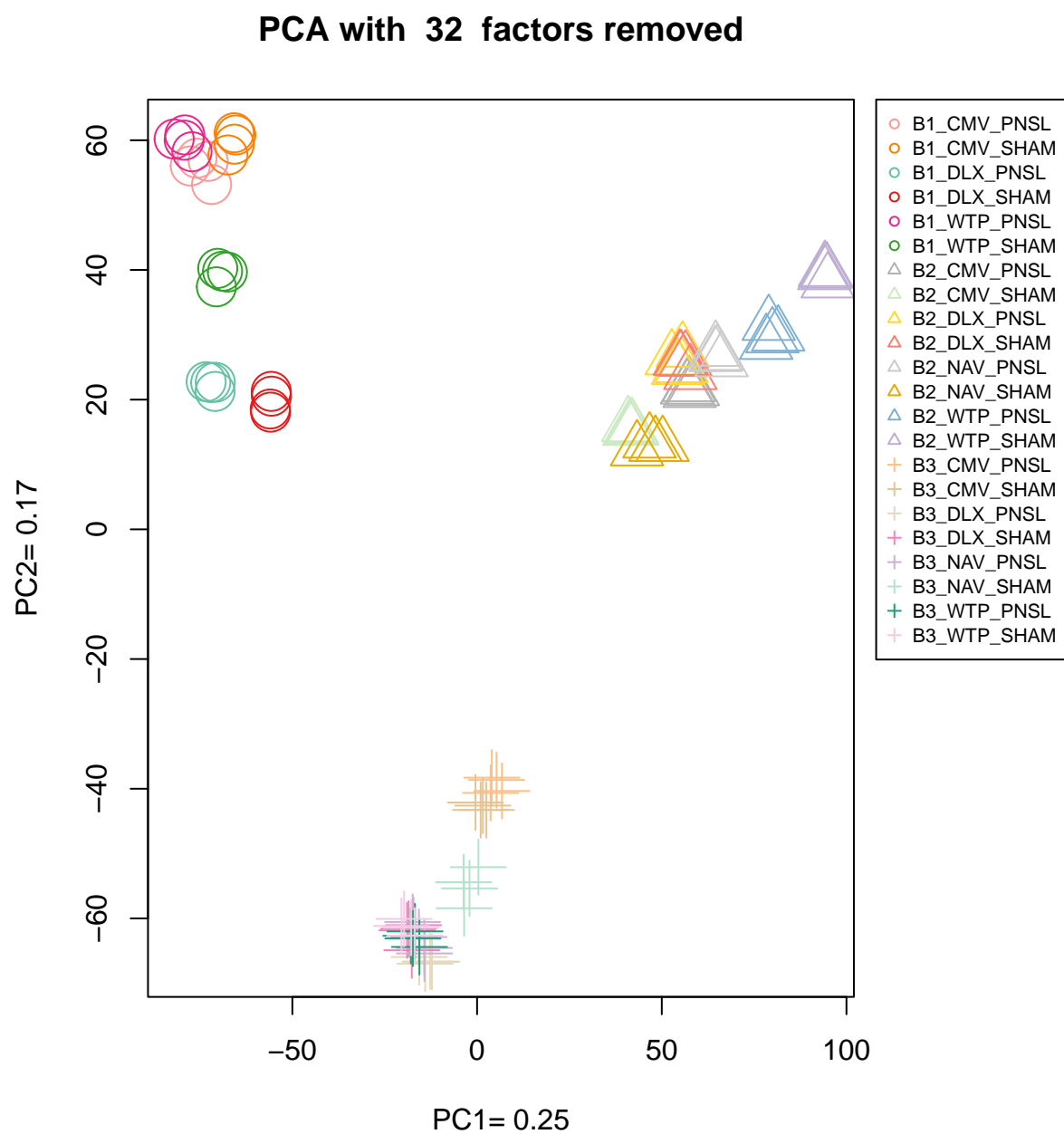
## Violinplot raw data



PCA with all factors removed 58'



## Final PCA with 32 factors removed



Number of differentially expressed genes with adjusted p-value  $< 0.05$ : 9703

## Section 2 -EdgeR

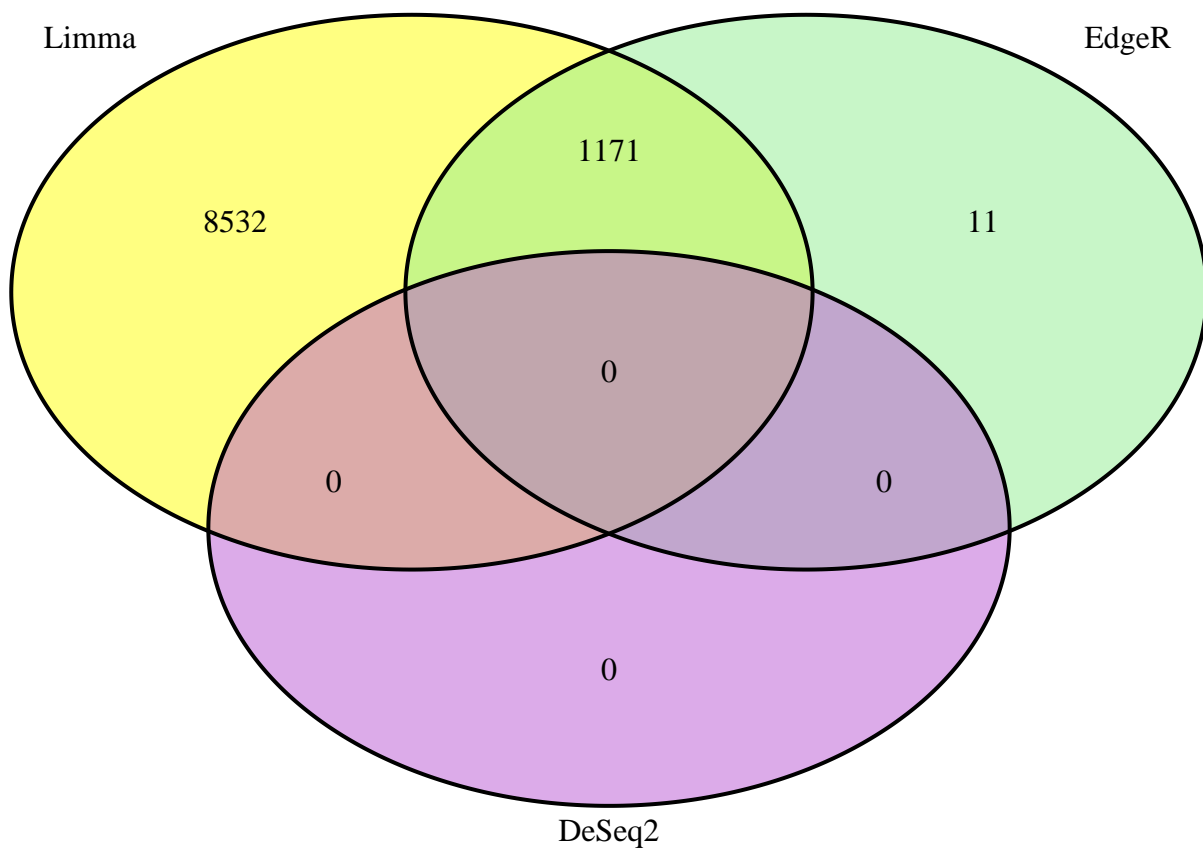
Number of differentially expressed genes with adjusted p-value  $< 0.05$ : 1182

## Section 3 -DeSeq

Number of differentially expressed genes with adjusted p-value  $< 0.05$ : 0

Venn diagram for all three methods

## NULL



Barplots for top 10 terms for given GO term