

ES = 0.595 NES = 1.74 Nom. p-val = 0.033 FWER = 0.418 FDR = 0.336

Heatmap showing the expression of 40 genes across 100 samples. The samples are clustered into two groups: **clus3** (red bar) and **NON.clus3** (blue bar). The genes are listed on the y-axis, and the expression levels are represented by a color scale from blue (low) to red (high).

Genes (Y-axis):

- Class
- PSMB8
- PSMD6
- PSME2
- PSMA5
- PSMB7
- POMP
- PSMD13
- PSMA6
- PSMB5
- PSMC1
- PSMB2
- PSMB6
- PSME1
- PSMD12
- PSMA4
- PSMA3
- PSMB9
- PSMC3
- PSMA2
- PSMD7
- PSMC6
- PSMA7
- PSMB1
- PSMD8
- PSME3
- PSMD1
- PSMB3
- PSMF1
- PSMA1
- PSMC5
- SHFM1
- PSMD3
- PSMD14
- IFNG
- PSMD4
- PSMC4
- PSMD11
- PSMB4
- PSMC2
- PSMD2
- PSME4
- PSMA8