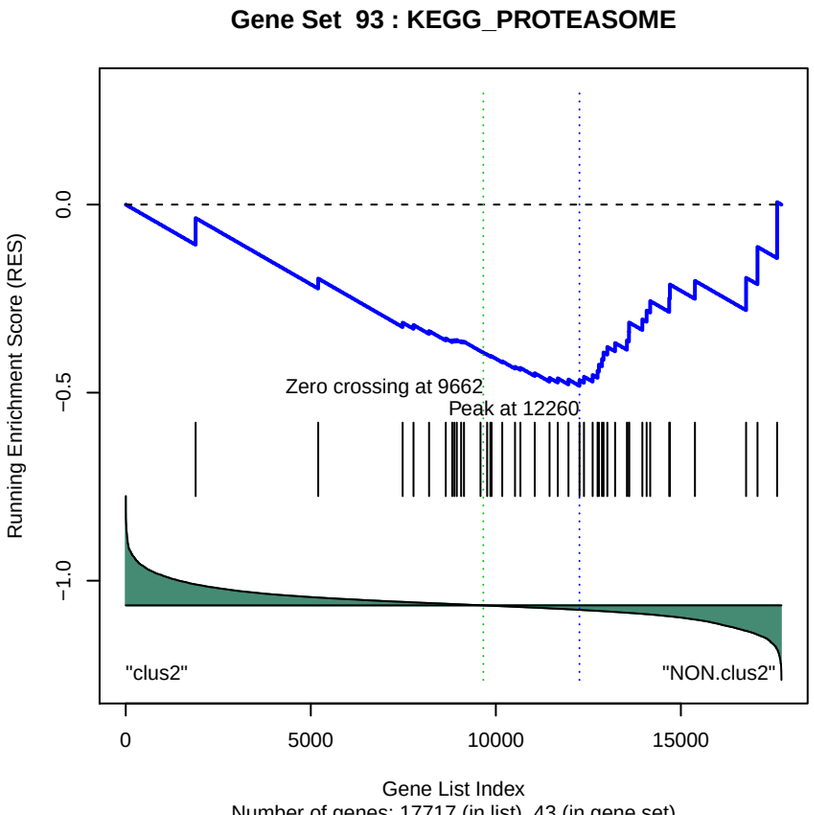
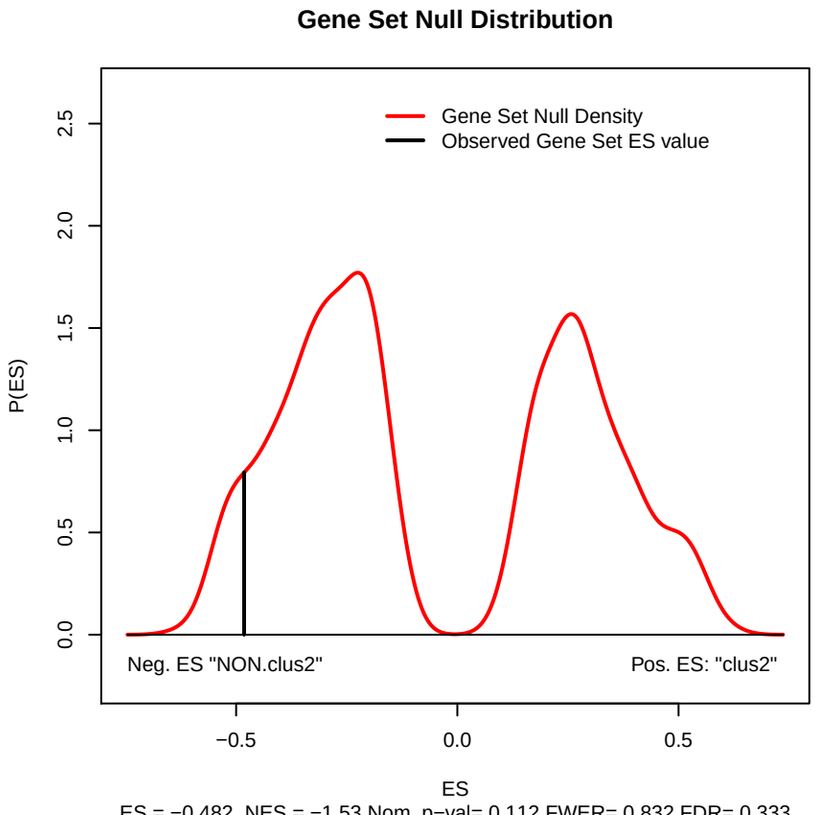
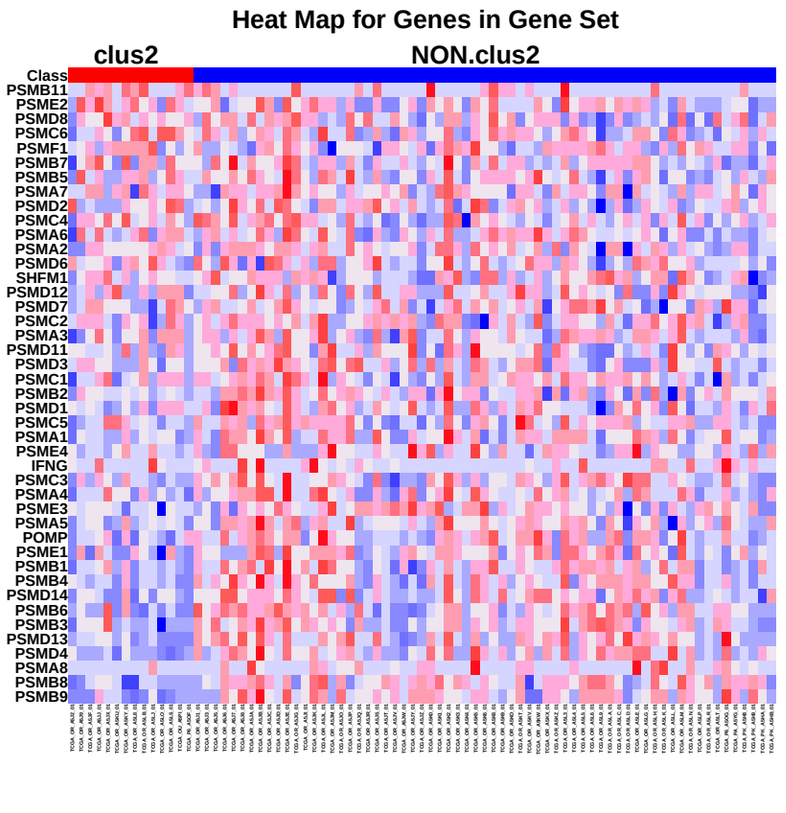

Gene Set 93 : KEGG_PROTEASOME
Running Enrichment Score (RES)
0.0
−0.5
−1.0
Zero crossing at 9662
Peak at 12260
"clus2"
"NON.clus2"
0
5000
10000
15000
Gene List Index
Number of genes: 17717 (in list), 43 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
0.0
0.5
1.0
1.5
2.0
2.5
Neg. ES "NON.clus2"
Pos. ES: "clus2"
−0.5
0.0
0.5
ES
ES = −0.482 NES = −1.53 Nom. p−val= 0.112 FWER= 0.832 FDR= 0.333


Heat Map for Genes in Gene Set
clus2
NON.clus2
Class
PSMB11
PSME2
PSMD8
PSMC6
PSMF1
PSMB7
PSMB5
PSMA7
PSMD2
PSMC4
PSMA6
PSMA2
PSMD6
SHFM1
PSMD12
PSMD7
PSMC2
PSMA3
PSMD11
PSMD3
PSMC1
PSMB2
PSMD1
PSMC5
PSMA1
PSME4
IFNG
PSMC3
PSMA4
PSME3
PSMA5
POMP
PSME1
PSMB1
PSMB4
PSMD14
PSMB6
PSMB3
PSMD13
PSMD4
PSMA8
PSMB8
PSMB9