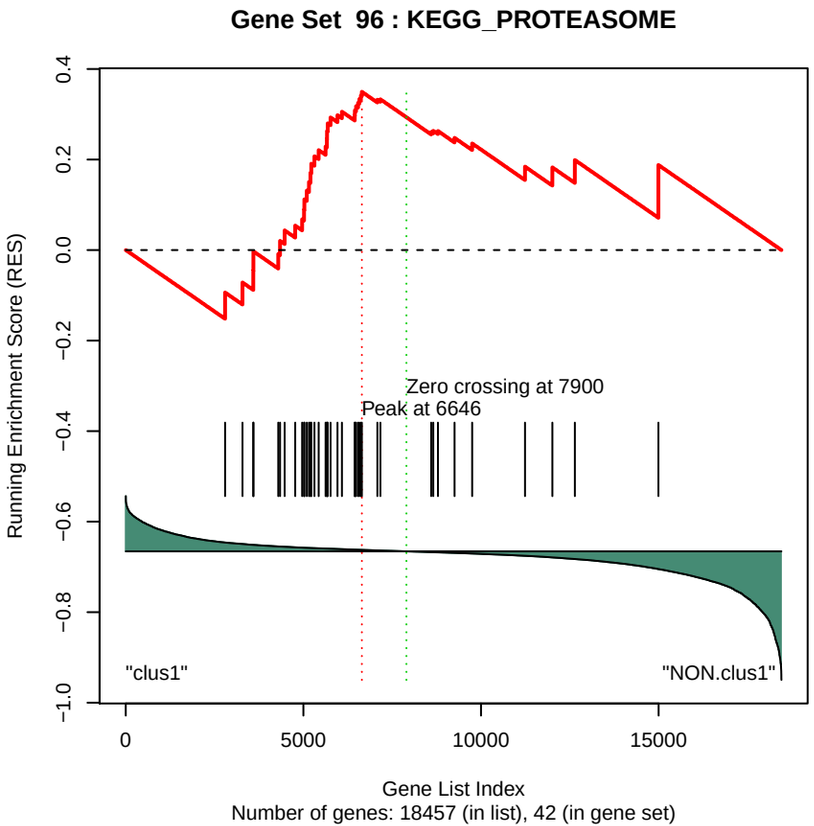
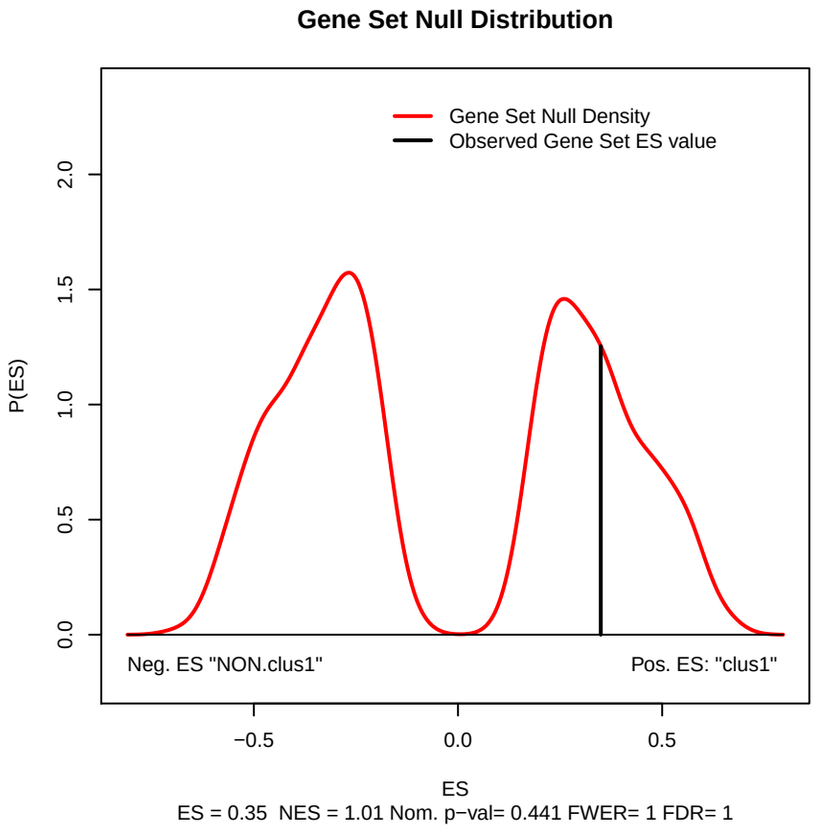
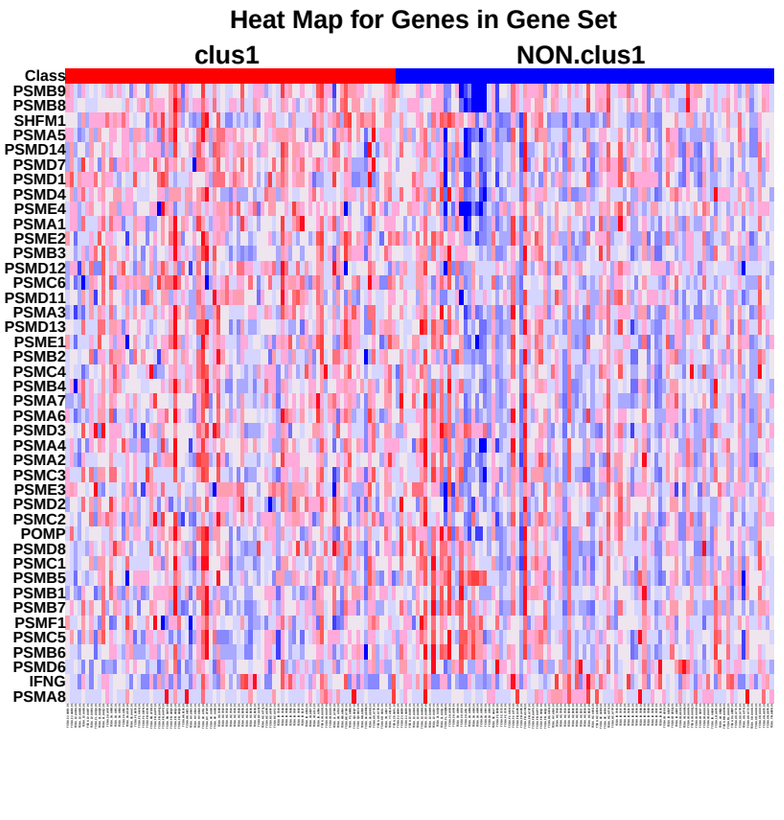

Gene Set 96 : KEGG_PROTEASOME
Running Enrichment Score (RES)
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
Zero crossing at 7900
Peak at 6646
"clus1"
"NON.clus1"
0
5000
10000
15000
Gene List Index
Number of genes: 18457 (in list), 42 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
2.0
1.5
1.0
0.5
0.0
Neg. ES "NON.clus1"
Pos. ES: "clus1"
−0.5
0.0
0.5
ES
ES = 0.35 NES = 1.01 Nom. p−val= 0.441 FWER= 1 FDR= 1


Heat Map for Genes in Gene Set
clus1
NON.clus1
Class
PSMB9
PSMB8
SHFM1
PSMA5
PSMD14
PSMD7
PSMD1
PSMD4
PSME4
PSMA1
PSME2
PSMB3
PSMD12
PSMC6
PSMD11
PSMA3
PSMD13
PSME1
PSMB2
PSMC4
PSMB4
PSMA7
PSMA6
PSMD3
PSMA4
PSMA2
PSMC3
PSME3
PSMD2
PSMC2
POMP
PSMD8
PSMC1
PSMB5
PSMB1
PSMB7
PSMF1
PSMC5
PSMB6
PSMD6
IFNG
PSMA8