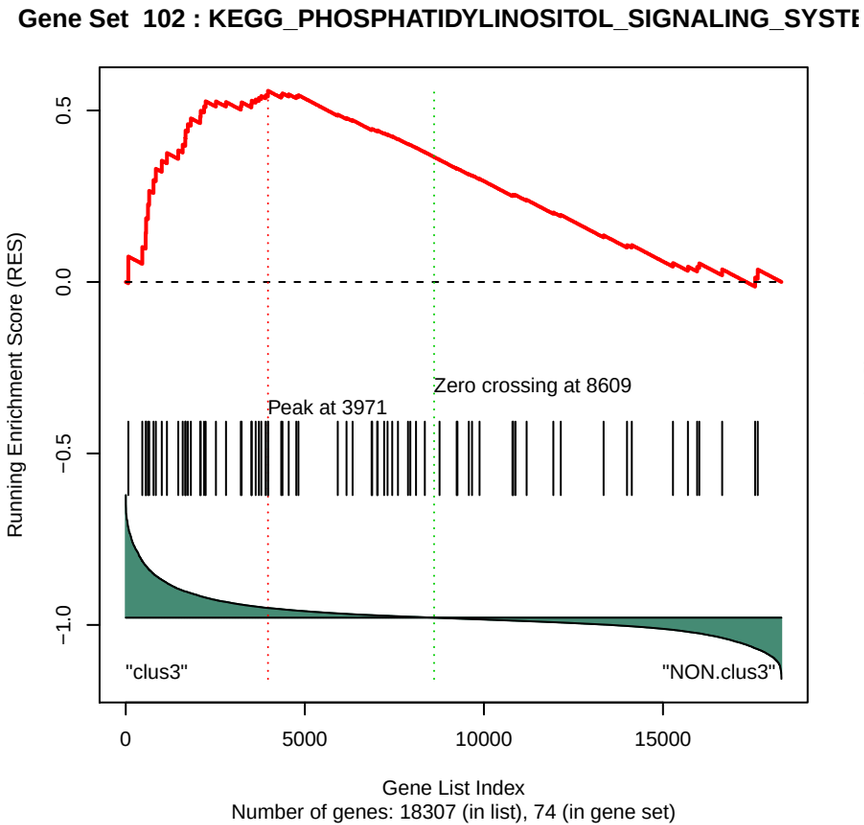
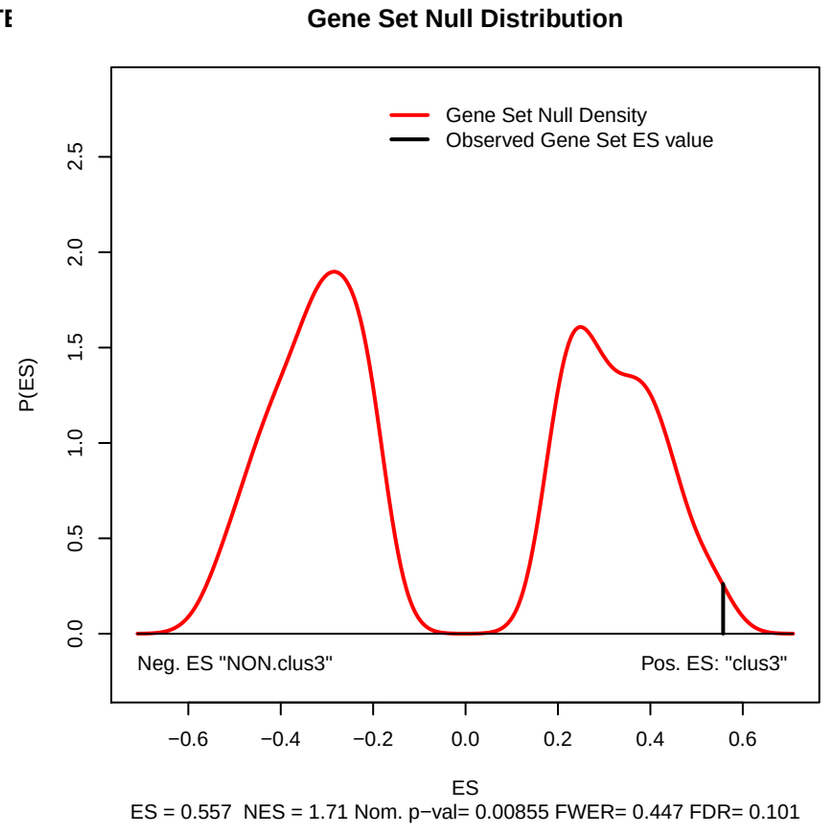
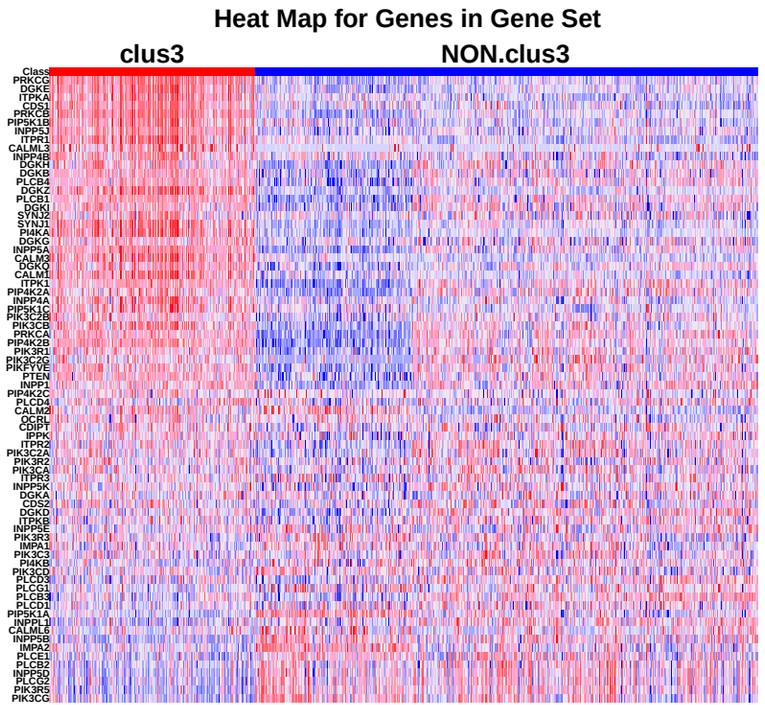

Gene Set 102 : KEGG_PHOSPHATIDYLINOSITOL_SIGNALING_SYSTE
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 3971
Zero crossing at 8609
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 18307 (in list), 74 (in gene set)


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.clus3"
Pos. ES: "clus3"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.557 NES = 1.71 Nom. p−val= 0.00855 FWER= 0.447 FDR= 0.101


Heat Map for Genes in Gene Set
clus3
NON.clus3
Class
PRKCG
DGKE
ITPKA
CDS1
PRKCB
PIP5K1B
INPP5J
ITPR1
CALML3
INPP4B
DGKH
DGKB
PLCB4
DGKZ
PLCB1
DGKI
SYNJ2
SYNJ1
PI4KA
DGKG
INPP5A
CALM3
DGKQ
CALM1
ITPK1
PIP4K2A
INPP4A
PIP5K1C
PIK3C2B
PIK3CB
PRKCA
PIP4K2B
PIK3R1
PIK3C3C2G
PIKFYVE
PTEN
INPP1
PIP4K2C
PLCD4
CALM2
OCRL
CDIPT
IPPK
ITPR2
PIK3C2A
PIK3R2
PIK3CA
ITPR3
INPP5K
DGKA
CDS2
DGKD
ITPKB
INPP5E
PIK3R3
IMPA1
PIK3C3
PI4KB
PIK3CD
PLCD3
PLCG1
PLCB3
PLCD1
PIP5K1A
INPPL1
CALML6
INPP5B
IMPA2
PLCE1
PLCB2
INPP5D
PLCG2
PIK3R5
PIK3CG