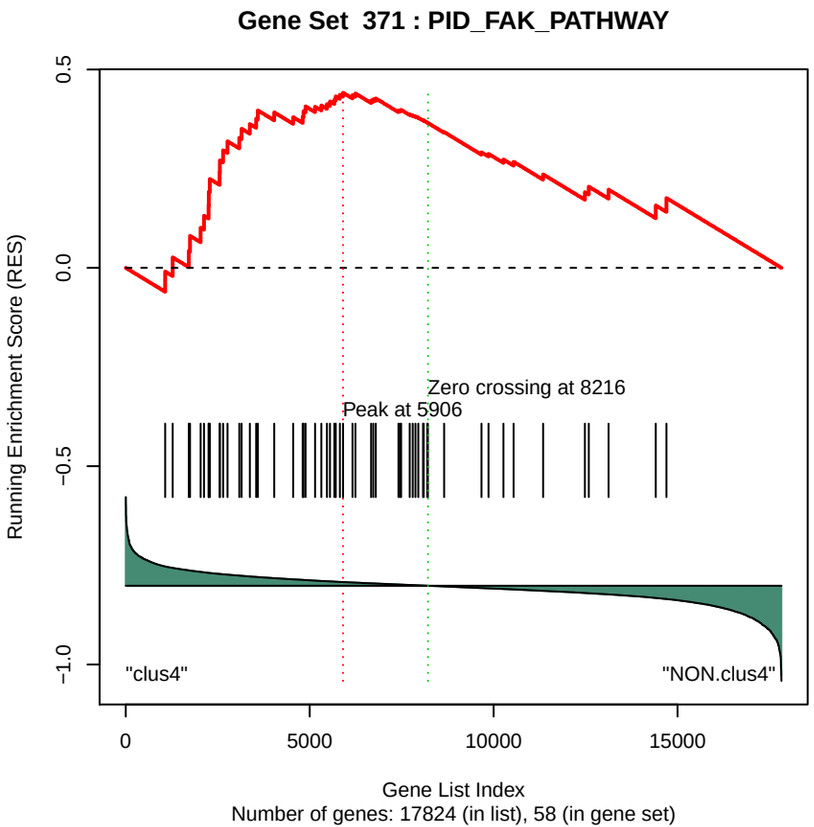
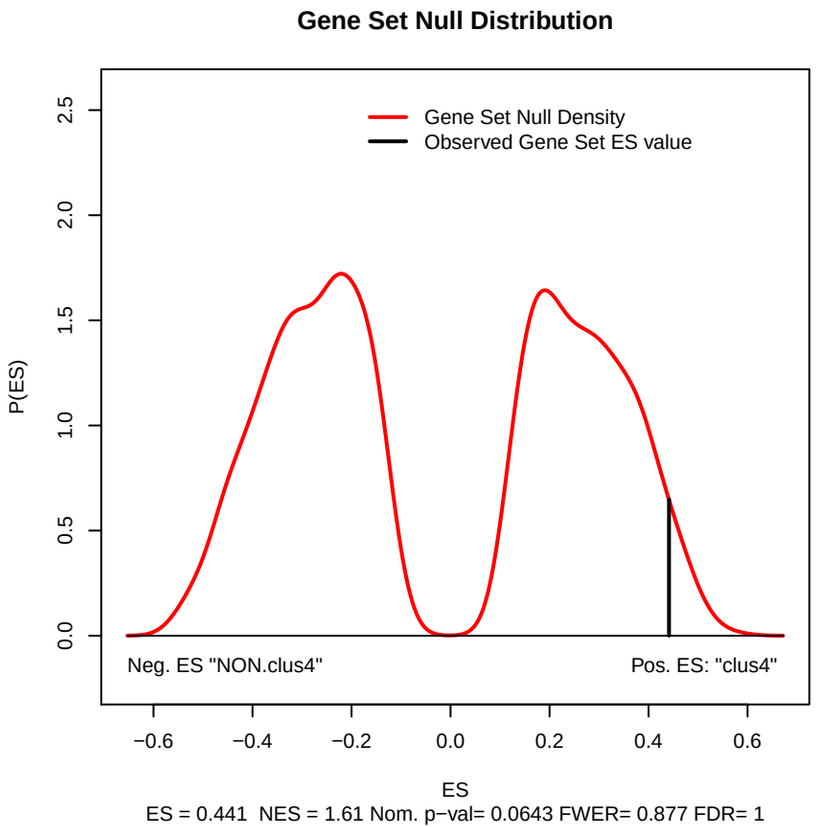
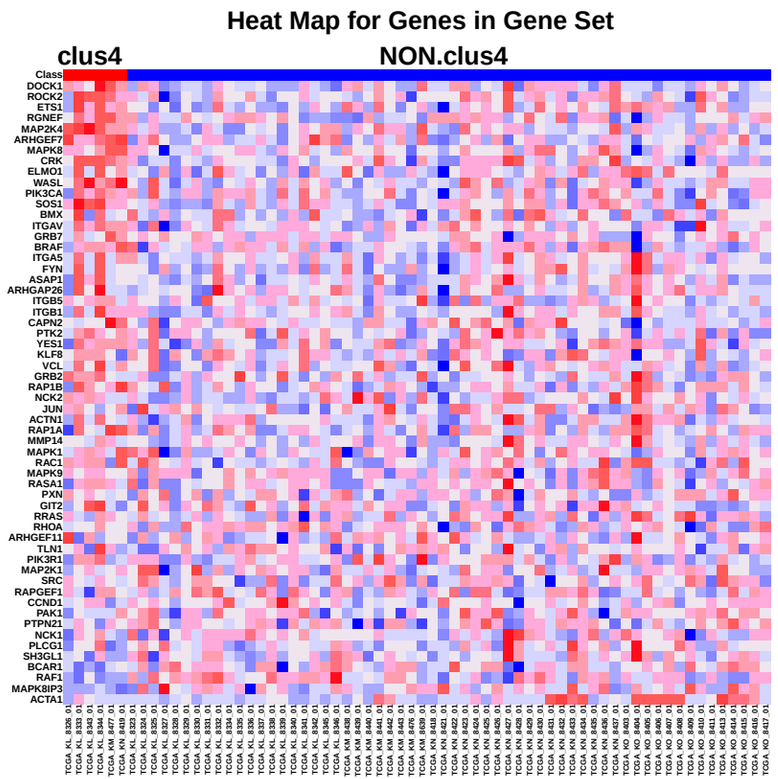

Gene Set 371 : PID_FAK_PATHWAY
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Zero crossing at 8216
Peak at 5906
"clus4"
"NON.clus4"
0
5000
10000
15000
Gene List Index
Number of genes: 17824 (in list), 58 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
2.5
2.0
1.5
1.0
0.5
0.0
Neg. ES "NON.clus4"
Pos. ES: "clus4"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.441 NES = 1.61 Nom. p−val= 0.0643 FWER= 0.877 FDR= 1


Heat Map for Genes in Gene Set
clus4
NON.clus4
Class
DOCK1
ROCK2
ETS1
RGNEF
MAP2K4
ARHGEF7
MAPK8
CRK
ELMO1
WASL
PIK3CA
SOS1
BMX
ITGAV
GRB7
BRAF
ITGA5
FYN
ASAP1
ARHGAP26
ITGB5
ITGB1
CAPN2
PTK2
YES1
KLF8
VCL
GRB2
RAP1B
NCK2
JUN
ACTN1
RAP1A
MMP14
MAPK1
RAC1
MAPK9
RASA1
PXN
GIT2
RRAS
RHOA
ARHGEF11
TLN1
PIK3R1
MAP2K1
SRC
RAPGEF1
CCND1
PAK1
PTPN21
NCK1
PLCG1
SH3GL1
BCAR1
RAF1
MAPK8IP3
ACTA1