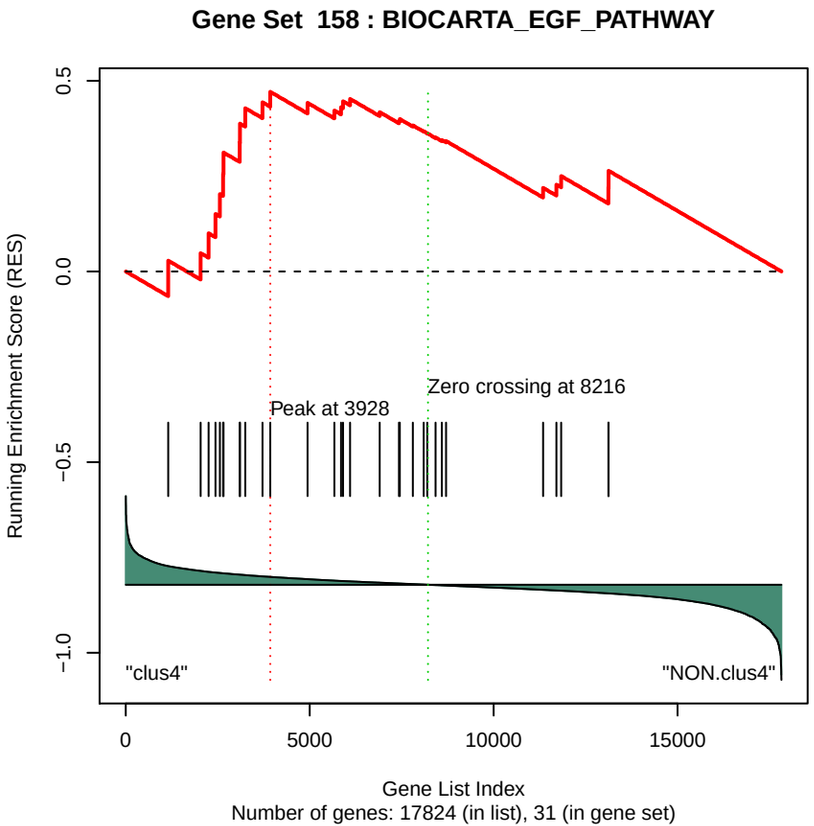
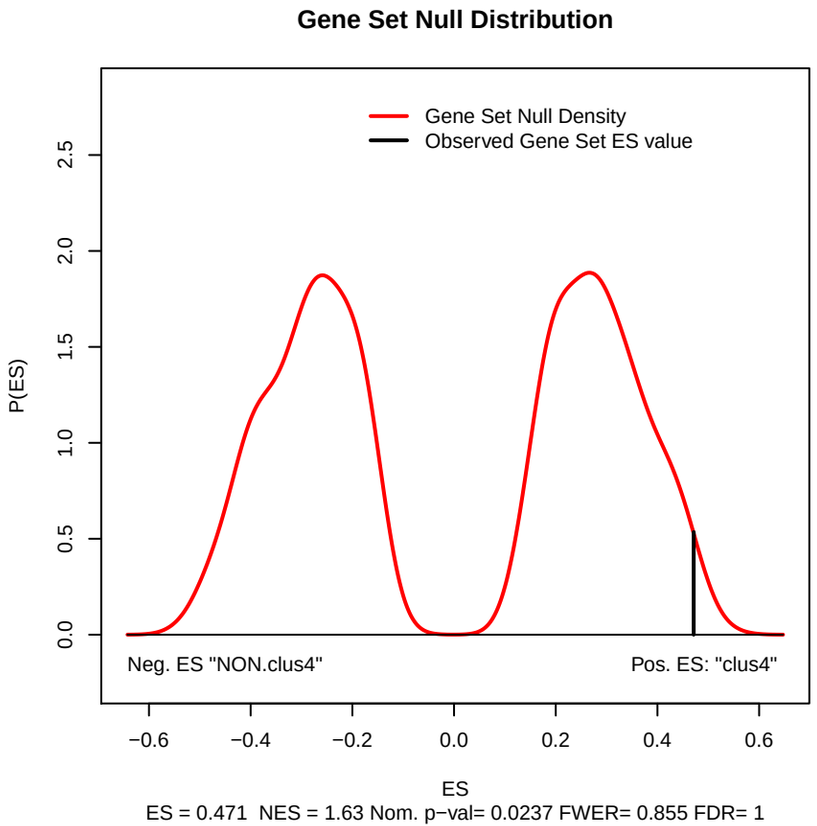
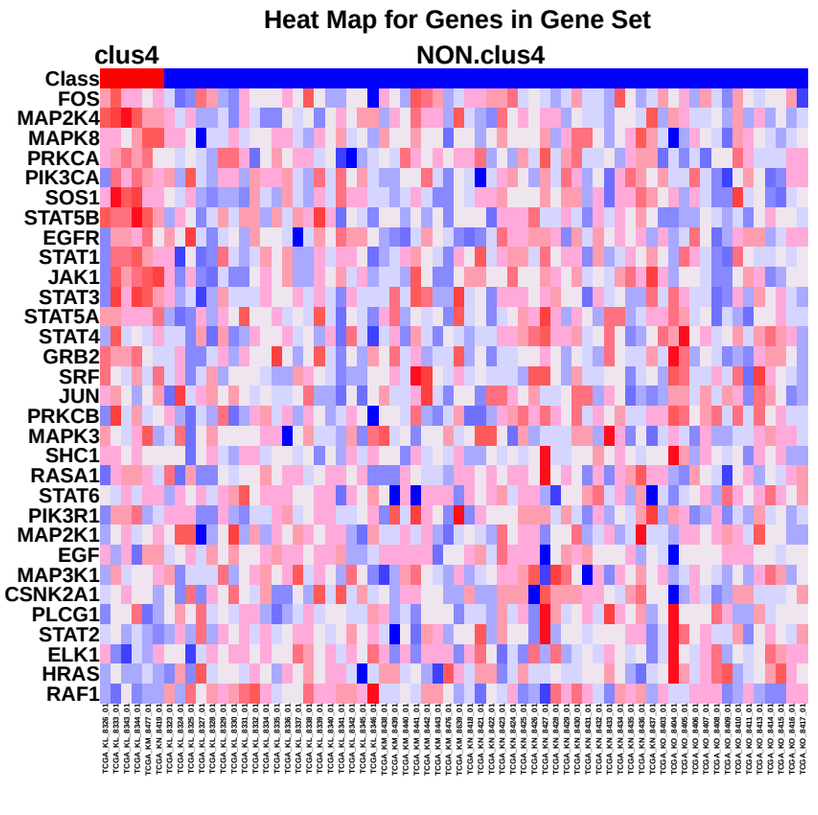

Gene Set 158 : BIOCARTA_EGF_PATHWAY
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 3928
Zero crossing at 8216
"clus4"
"NON.clus4"
0
5000
10000
15000
Gene List Index
Number of genes: 17824 (in list), 31 (in gene set)


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.clus4"
Pos. ES: "clus4"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.471 NES = 1.63 Nom. p−val= 0.0237 FWER= 0.855 FDR= 1


Heat Map for Genes in Gene Set
clus4
NON.clus4
Class
FOS
MAP2K4
MAPK8
PRKCA
PIK3CA
SOS1
STAT5B
EGFR
STAT1
JAK1
STAT3
STAT5A
STAT4
GRB2
SRF
JUN
PRKCB
MAPK3
SHC1
RASA1
STAT6
PIK3R1
MAP2K1
EGF
MAP3K1
CSNK2A1
PLCG1
STAT2
ELK1
HRAS
RAF1