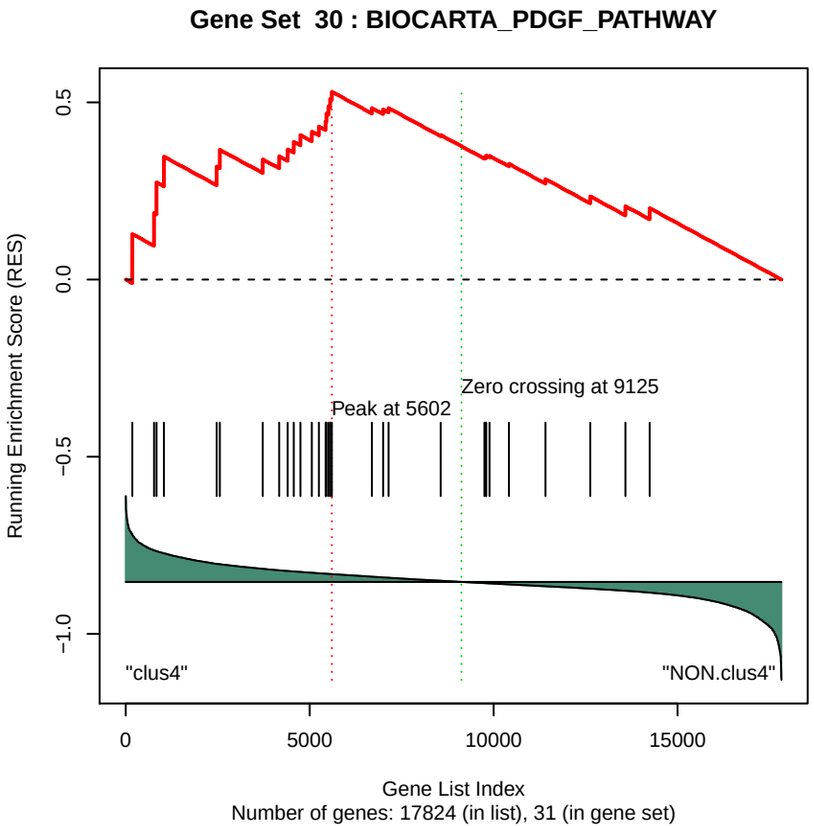
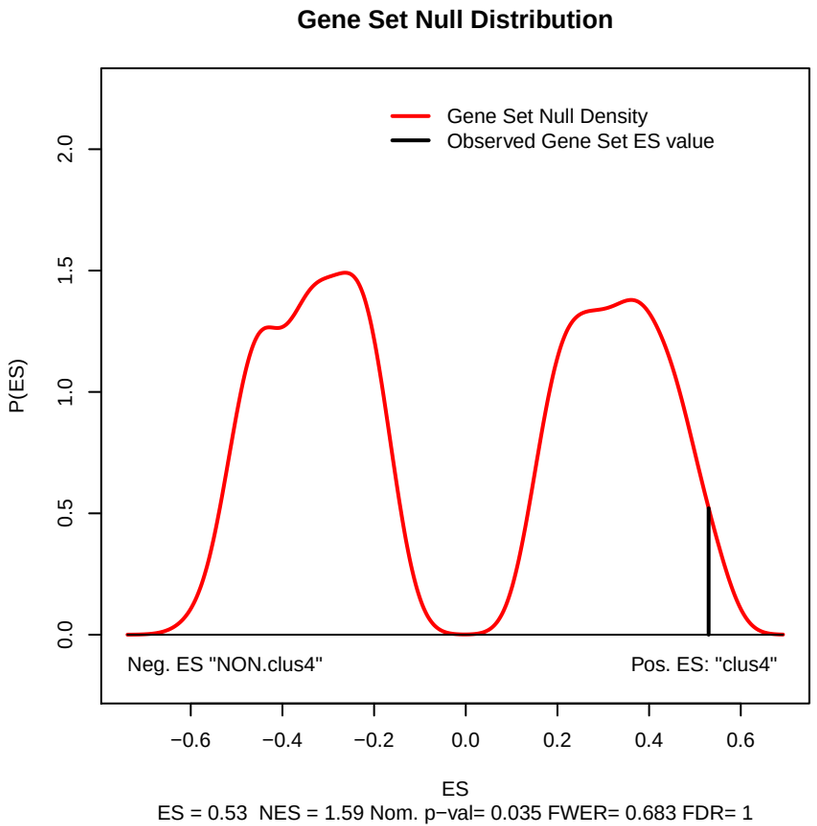
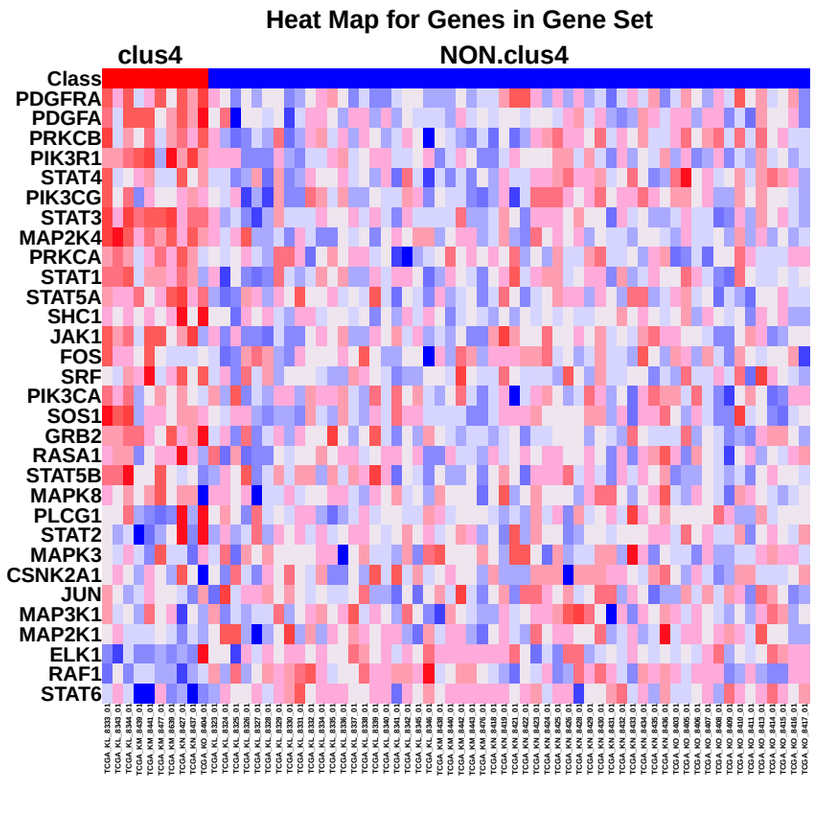

Gene Set 30 : BIOCARTA_PDGF_PATHWAY
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 5602
Zero crossing at 9125
"clus4"
"NON.clus4"
0
5000
10000
15000
Gene List Index
Number of genes: 17824 (in list), 31 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
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 = 0.53 NES = 1.59 Nom. p−val= 0.035 FWER= 0.683 FDR= 1


Heat Map for Genes in Gene Set
clus4
NON.clus4
Class
PDGFRA
PDGFA
PRKCB
PIK3R1
STAT4
PIK3CG
STAT3
MAP2K4
PRKCA
STAT1
STAT5A
SHC1
JAK1
FOS
SRF
PIK3CA
SOS1
GRB2
RASA1
STAT5B
MAPK8
PLCG1
STAT2
MAPK3
CSNK2A1
JUN
MAP3K1
MAP2K1
ELK1
RAF1
STAT6