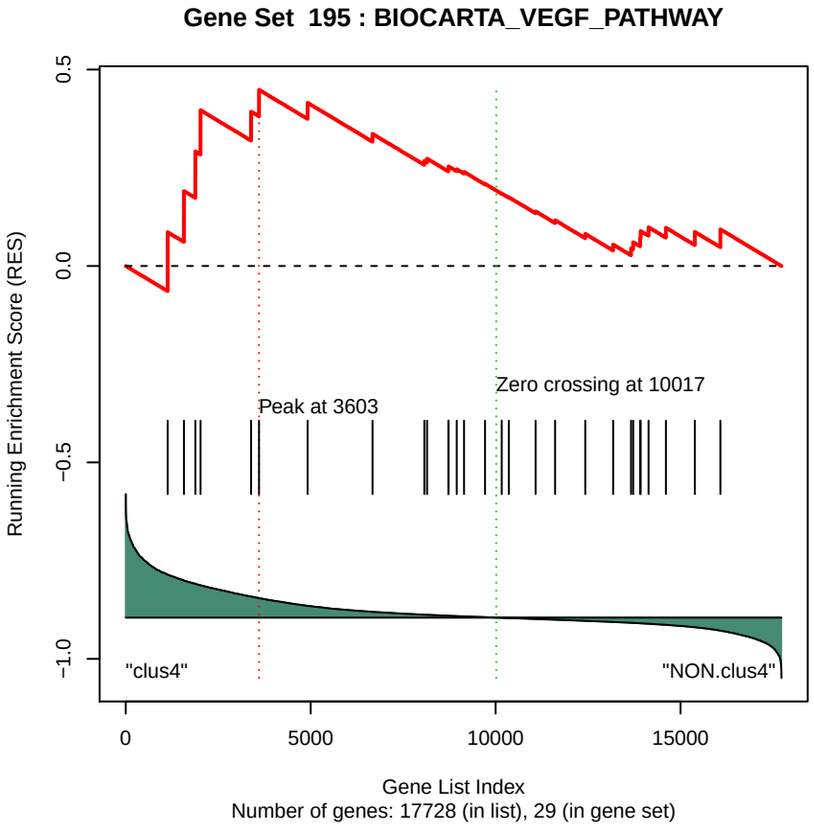
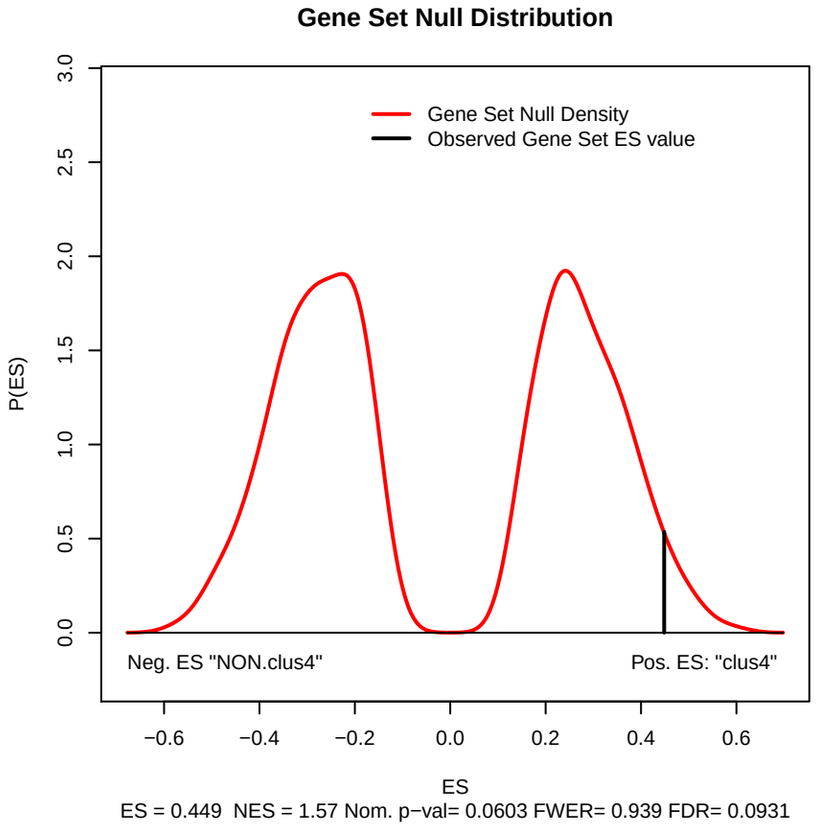
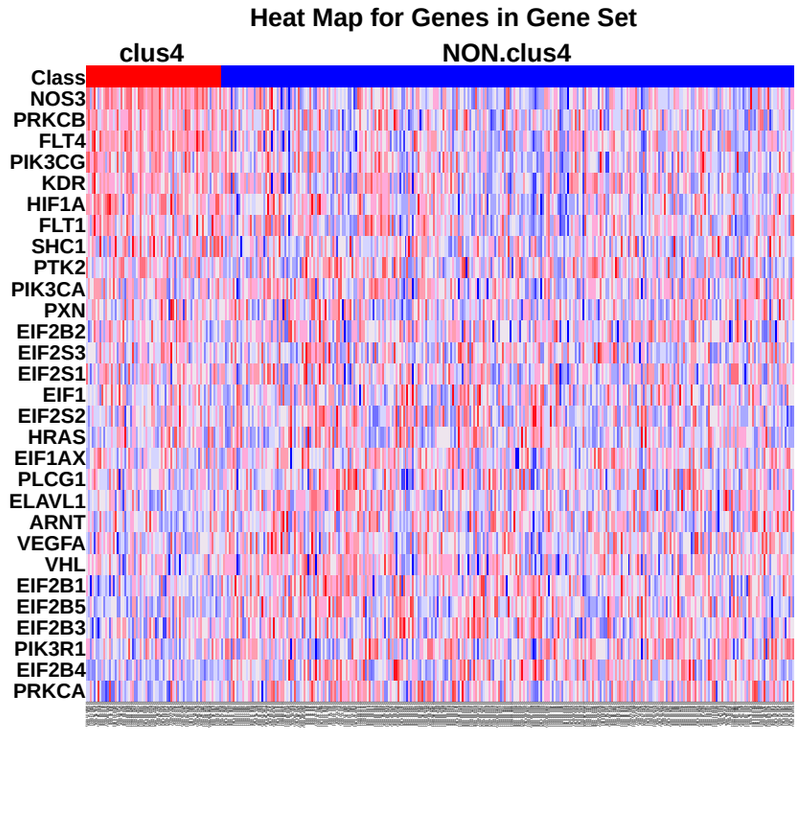

Gene Set 195 : BIOCARTA_VEGF_PATHWAY
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 3603
Zero crossing at 10017
"clus4"
"NON.clus4"
0
5000
10000
15000
Gene List Index
Number of genes: 17728 (in list), 29 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
3.0
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 = 0.449 NES = 1.57 Nom. p−val= 0.0603 FWER= 0.939 FDR= 0.0931


Heat Map for Genes in Gene Set
clus4
NON.clus4
Class
NOS3
PRKCB
FLT4
PIK3CG
KDR
HIF1A
FLT1
SHC1
PTK2
PIK3CA
PXN
EIF2B2
EIF2S3
EIF2S1
EIF1
EIF2S2
HRAS
EIF1AX
PLCG1
ELAVL1
ARNT
VEGFA
VHL
EIF2B1
EIF2B5
EIF2B3
PIK3R1
EIF2B4
PRKCA