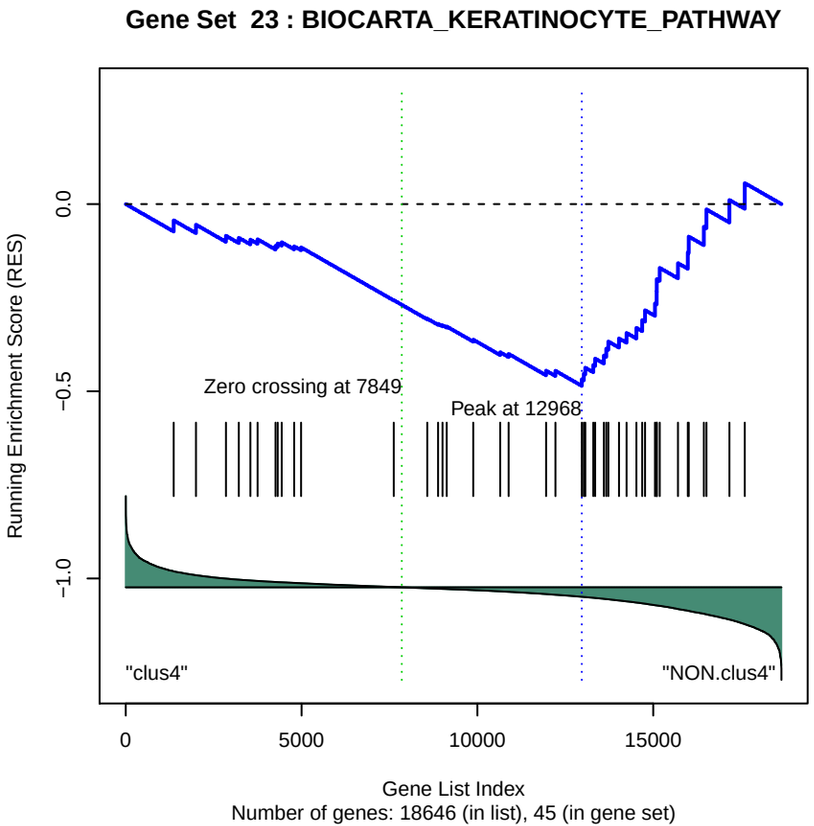
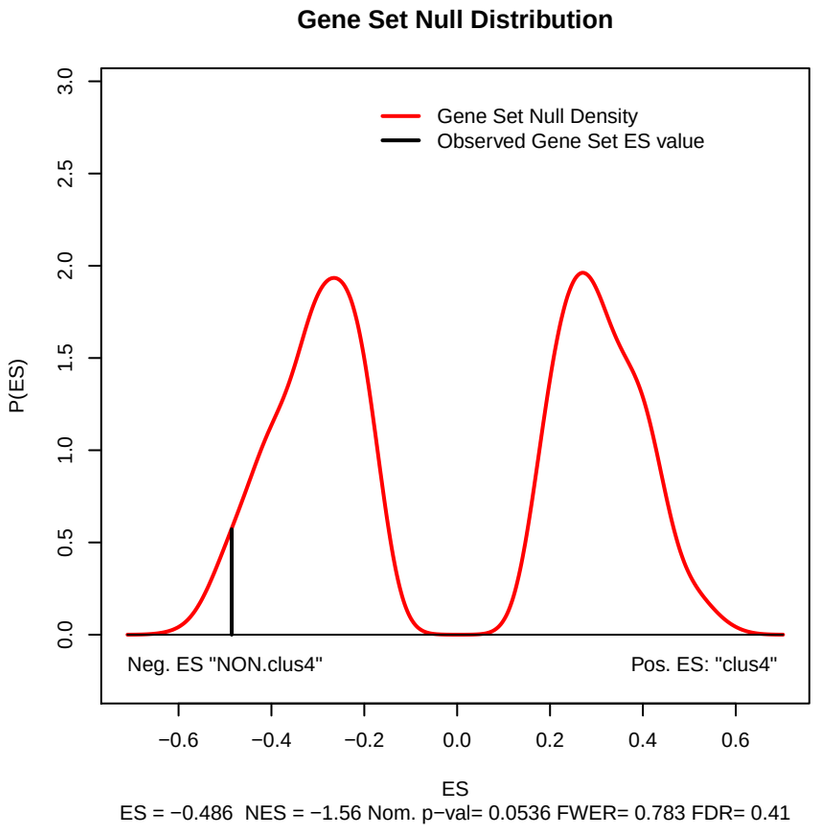
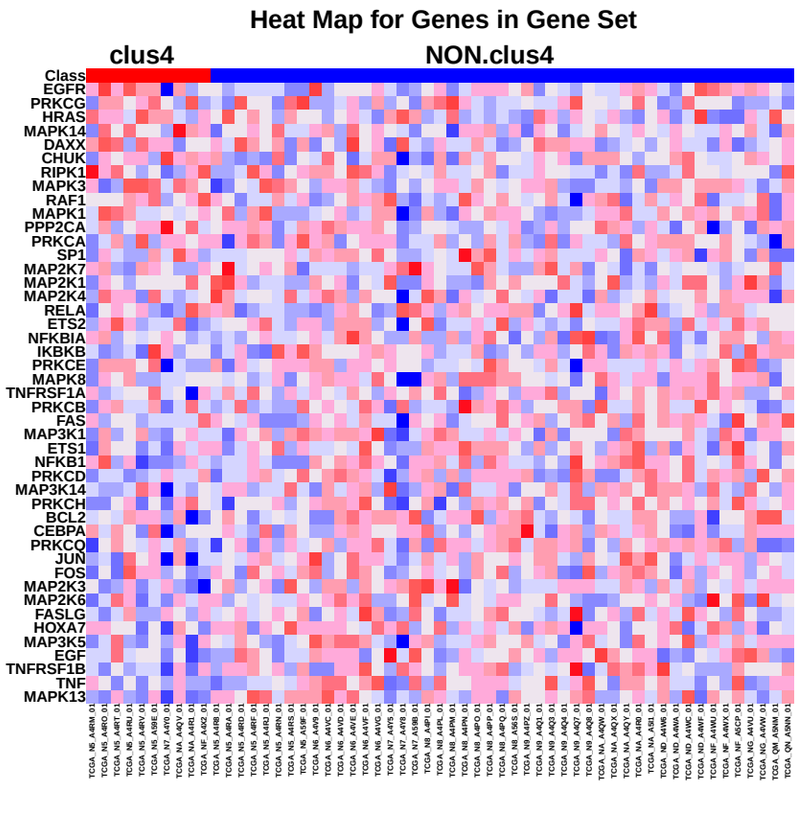

Gene Set 23 : BIOCARTA_KERATINOCYTE_PATHWAY
Running Enrichment Score (RES)
0.0
−0.5
−1.0
Zero crossing at 7849
Peak at 12968
"clus4"
"NON.clus4"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 45 (in gene set)


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
3.0
Neg. ES "NON.clus4"
Pos. ES: "clus4"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = −0.486 NES = −1.56 Nom. p−val= 0.0536 FWER= 0.783 FDR= 0.41


Heat Map for Genes in Gene Set
clus4
NON.clus4
Class
EGFR
PRKCG
HRAS
MAPK14
DAXX
CHUK
RIPK1
MAPK3
RAF1
MAPK1
PPP2CA
PRKCA
SP1
MAP2K7
MAP2K1
MAP2K4
RELA
ETS2
NFKBIA
IKBKB
PRKCE
MAPK8
TNFRSF1A
PRKCB
FAS
MAP3K1
ETS1
NFKB1
PRKCD
MAP3K14
PRKCH
BCL2
CEBPA
PRKCQ
JUN
FOS
MAP2K3
MAP2K6
FASLG
HOXA7
MAP3K5
EGF
TNFRSF1B
TNF
MAPK13