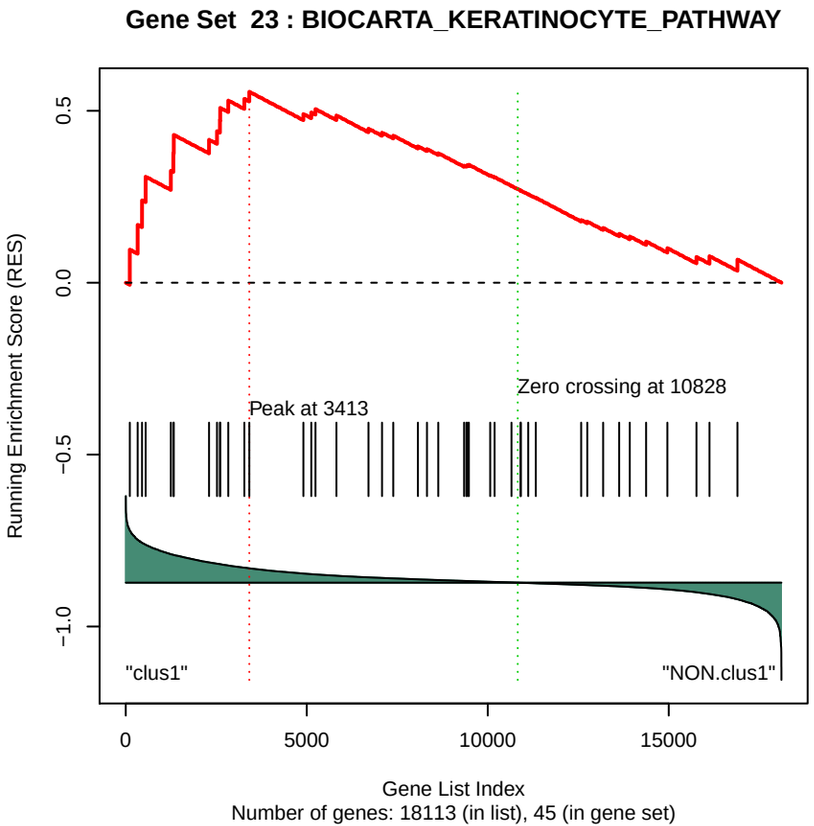
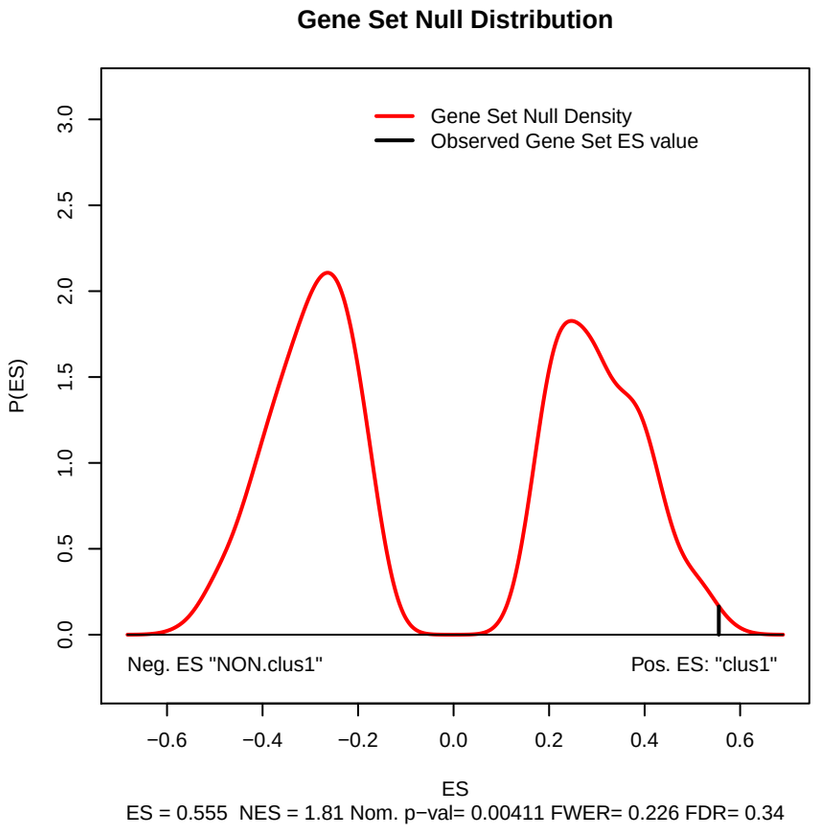
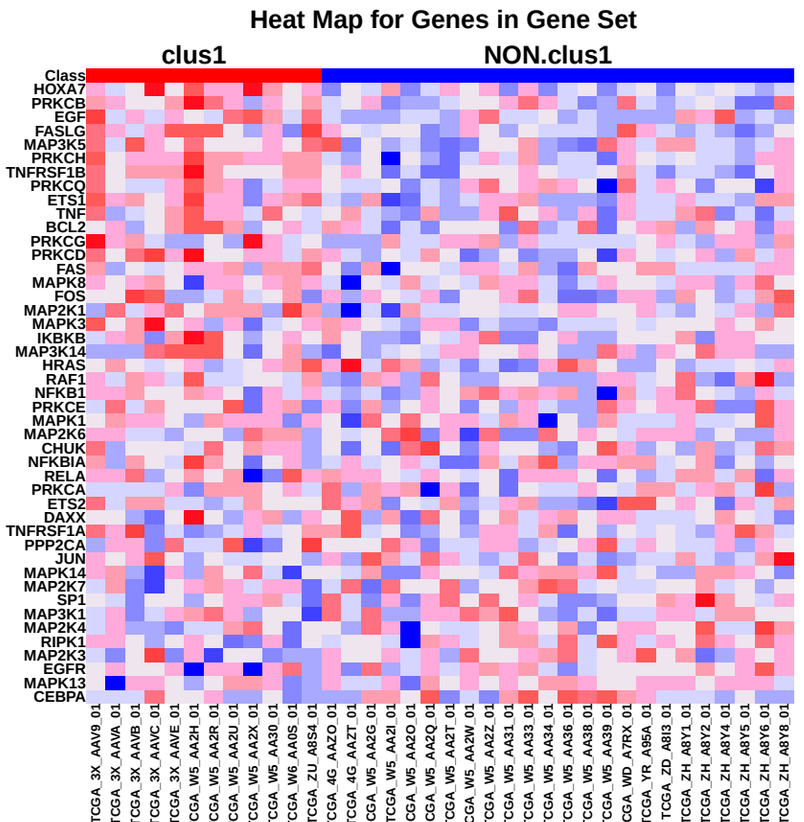

Gene Set 23 : BIOCARTA_KERATINOCYTE_PATHWAY
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 3413
Zero crossing at 10828
"clus1"
"NON.clus1"
0
5000
10000
15000
Gene List Index
Number of genes: 18113 (in list), 45 (in gene set)


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.clus1"
Pos. ES: "clus1"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.555 NES = 1.81 Nom. p−val= 0.00411 FWER= 0.226 FDR= 0.34


Heat Map for Genes in Gene Set
clus1
NON.clus1
Class
HOXA7
PRKCB
EGF
FASLG
MAP3K5
PRKCH
TNFRSF1B
PRKCQ
ETS1
TNF
BCL2
PRKCG
PRKCD
FAS
MAPK8
FOS
MAP2K1
MAPK3
IKBKB
MAP3K14
HRAS
RAF1
NFKB1
PRKCE
MAPK1
MAP2K6
CHUK
NFKBIA
RELA
PRKCA
ETS2
DAXX
TNFRSF1A
PPP2CA
JUN
MAPK14
MAP2K7
SP1
MAP3K1
MAP2K4
RIPK1
MAP2K3
EGFR
MAPK13
CEBPA
TCGA_3X_AAV9_01
TCGA_3X_AAVA_01
TCGA_3X_AAVB_01
TCGA_3X_AAVC_01
TCGA_3X_AAVE_01
TCGA_W5_AA2H_01
TCGA_W5_AA2R_01
TCGA_W5_AA2U_01
TCGA_W5_AA2X_01
TCGA_W5_AA30_01
TCGA_W6_AA0S_01
TCGA_ZU_A8S4_01
TCGA_4G_AA2O_01
TCGA_4G_AA2T_01
TCGA_W5_AA2G_01
TCGA_W5_AA2I_01
TCGA_W5_AA2O_01
TCGA_W5_AA2Q_01
TCGA_W5_AA2T_01
TCGA_W5_AA2W_01
TCGA_W5_AA2Z_01
TCGA_W5_AA31_01
TCGA_W5_AA33_01
TCGA_W5_AA34_01
TCGA_W5_AA36_01
TCGA_W5_AA38_01
TCGA_W5_AA39_01
TCGA_WD_A7RX_01
TCGA_YR_A95A_01
TCGA_ZD_A8I3_01
TCGA_ZH_A8Y1_01
TCGA_ZH_A8Y2_01
TCGA_ZH_A8Y4_01
TCGA_ZH_A8Y5_01
TCGA_ZH_A8Y6_01
TCGA_ZH_A8Y8_01