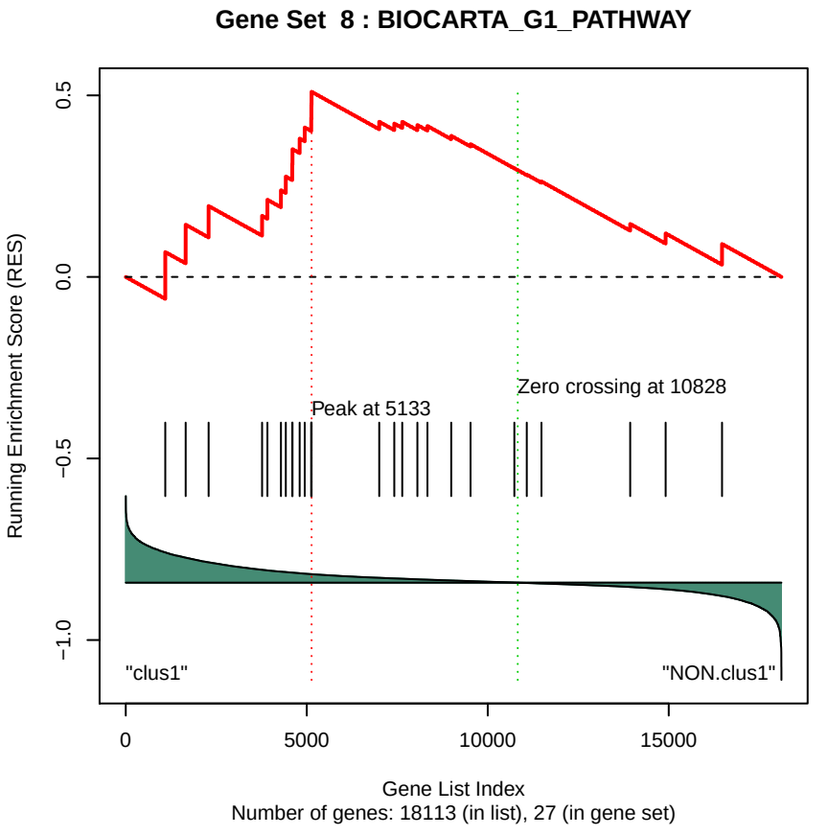
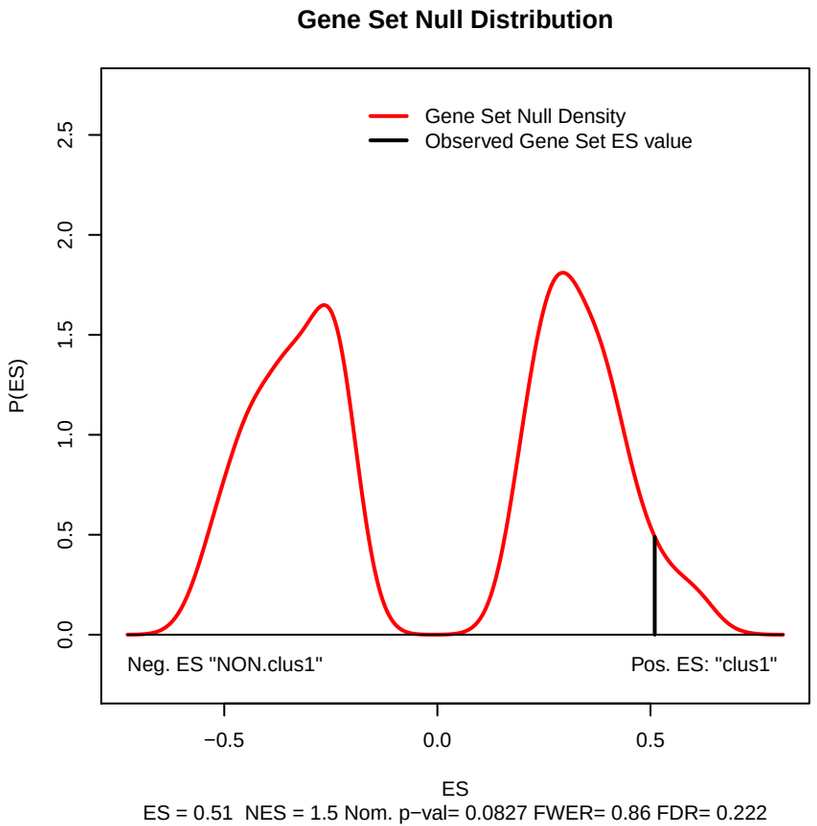
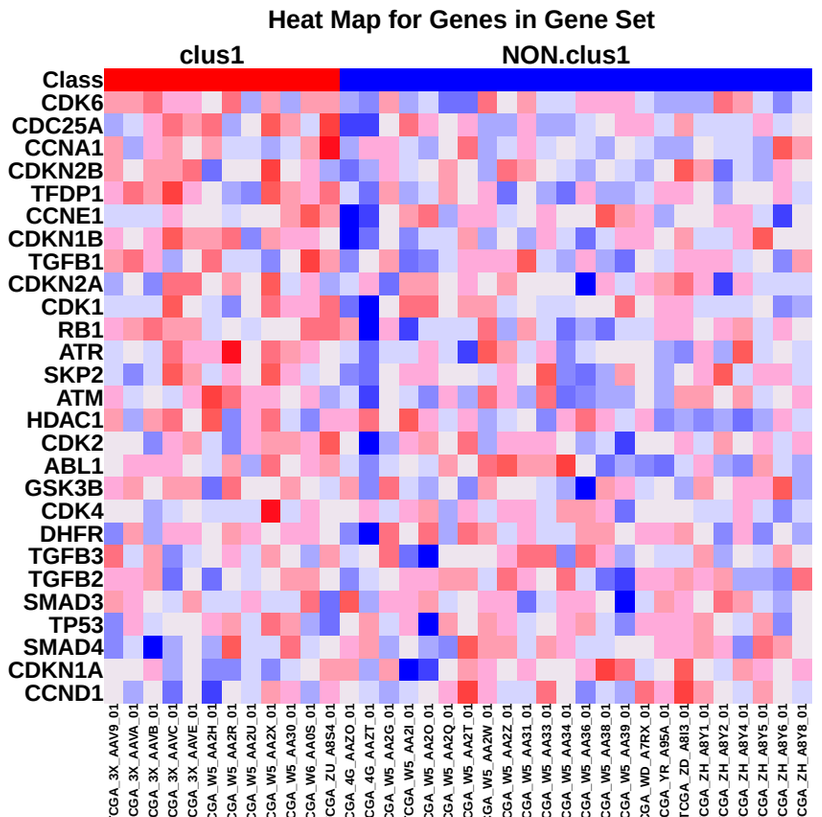

Gene Set 8 : BIOCARTA_G1_PATHWAY
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 5133
Zero crossing at 10828
"clus1"
"NON.clus1"
0
5000
10000
15000
Gene List Index
Number of genes: 18113 (in list), 27 (in gene set)


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.clus1"
Pos. ES: "clus1"
−0.5
0.0
0.5
ES
ES = 0.51 NES = 1.5 Nom. p−val= 0.0827 FWER= 0.86 FDR= 0.222


Heat Map for Genes in Gene Set
clus1
NON.clus1
Class
CDK6
CDC25A
CCNA1
CDKN2B
TFDP1
CCNE1
CDKN1B
TGFB1
CDKN2A
CDK1
RB1
ATR
SKP2
ATM
HDAC1
CDK2
ABL1
GSK3B
CDK4
DHFR
TGFB3
TGFB2
SMAD3
TP53
SMAD4
CDKN1A
CCND1
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