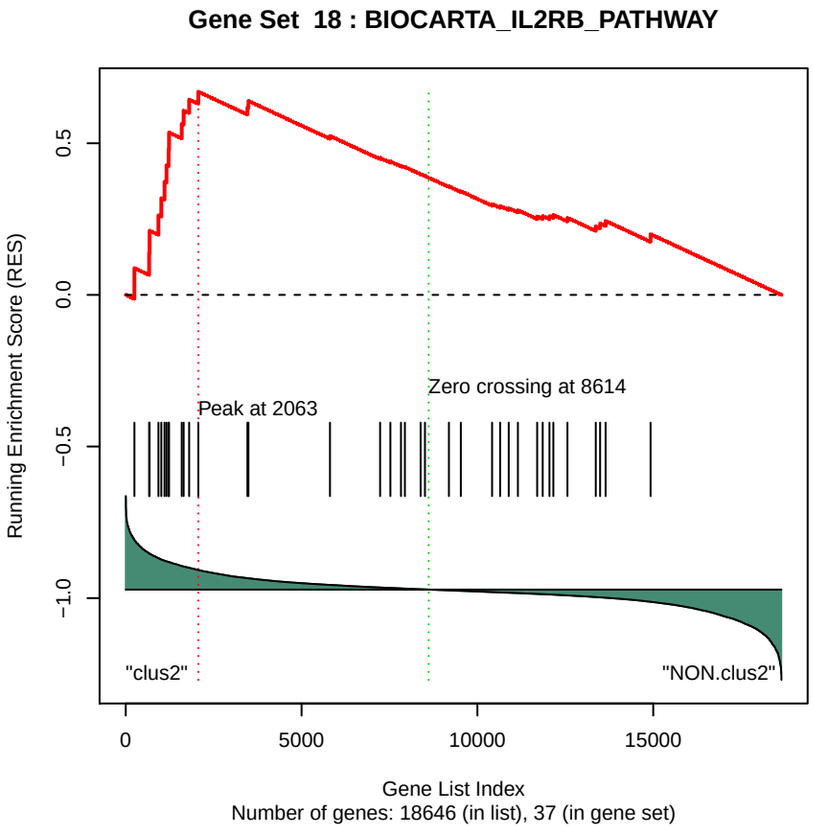
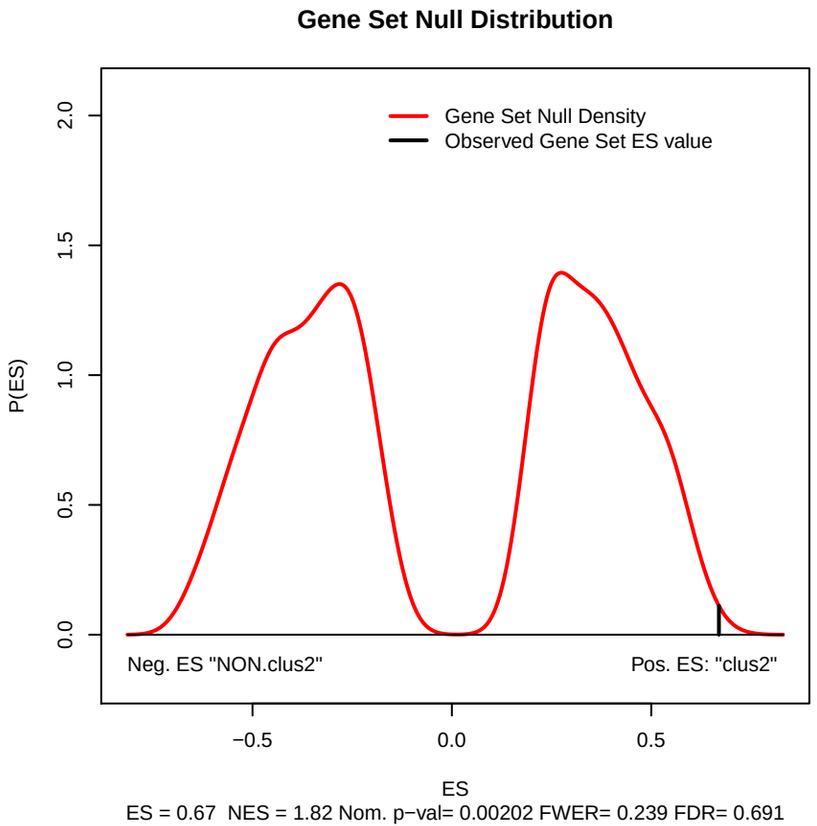
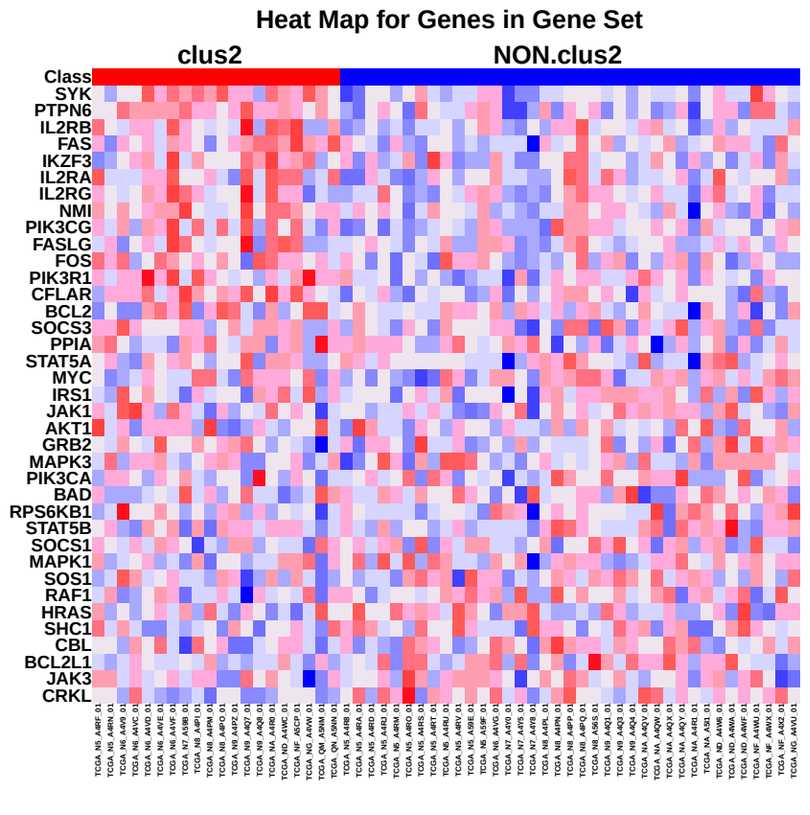

Gene Set 18 : BIOCARTA_IL2RB_PATHWAY
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 2063
Zero crossing at 8614
"clus2"
"NON.clus2"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 37 (in gene set)


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.clus2"
Pos. ES: "clus2"
−0.5
0.0
0.5
ES
ES = 0.67 NES = 1.82 Nom. p−val= 0.00202 FWER= 0.239 FDR= 0.691


Heat Map for Genes in Gene Set
clus2
NON.clus2
Class
SYK
PTPN6
IL2RB
FAS
IKZF3
IL2RA
IL2RG
NMI
PIK3CG
FASLG
FOS
PIK3R1
CFLAR
BCL2
SOCS3
PPIA
STAT5A
MYC
IRS1
JAK1
AKT1
GRB2
MAPK3
PIK3CA
BAD
RPS6KB1
STAT5B
SOCS1
MAPK1
SOS1
RAF1
HRAS
SHC1
CBL
BCL2L1
JAK3
CRKL