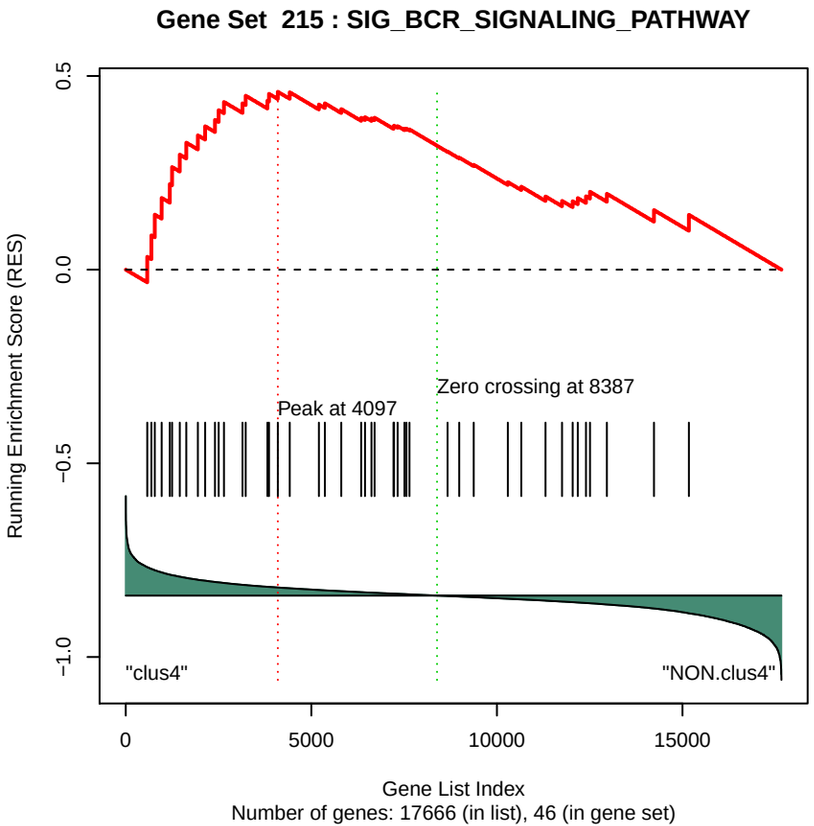
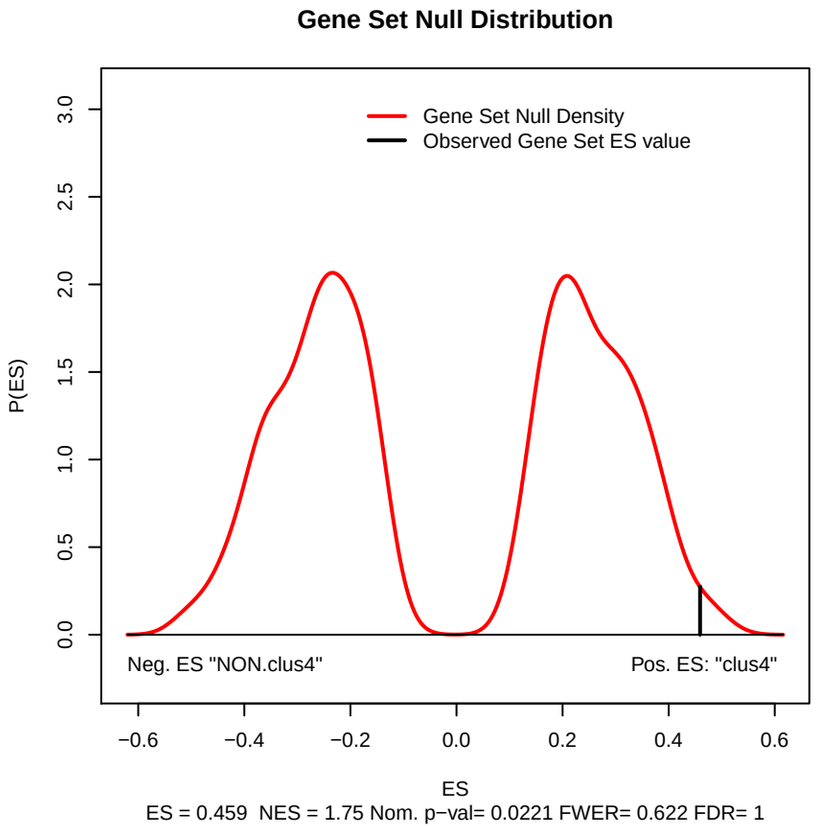
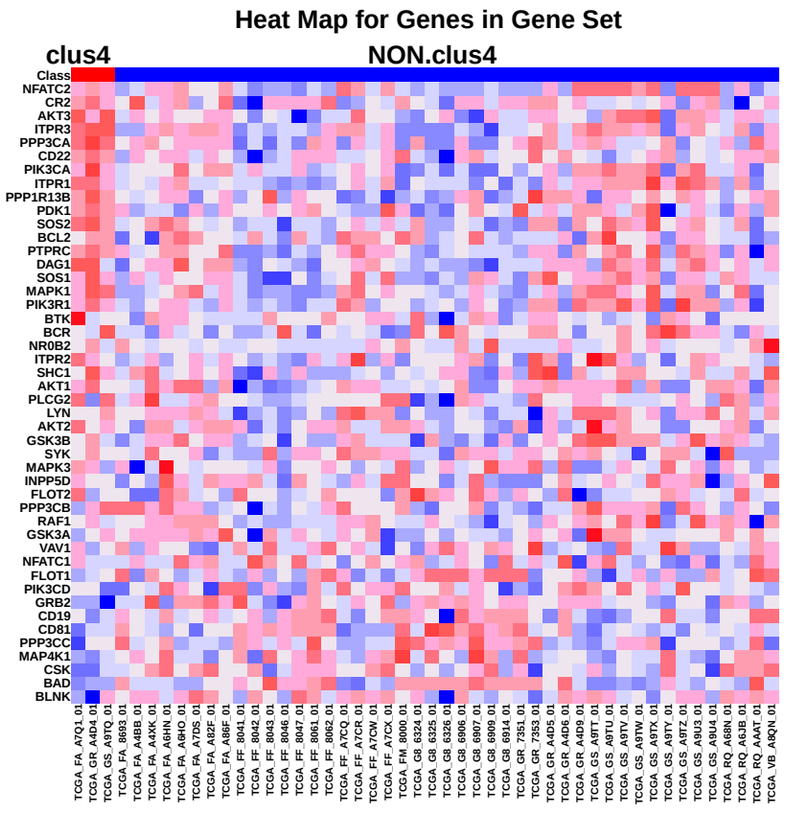

Gene Set 215 : SIG_BCR_SIGNALING_PATHWAY
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 4097
Zero crossing at 8387
"clus4"
"NON.clus4"
0
5000
10000
15000
Gene List Index
Number of genes: 17666 (in list), 46 (in gene set)


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 = 0.459 NES = 1.75 Nom. p−val= 0.0221 FWER= 0.622 FDR= 1


Heat Map for Genes in Gene Set
clus4
NON.clus4
Class
NFATC2
CR2
AKT3
ITPR3
PPP3CA
CD22
PIK3CA
ITPR1
PPP1R13B
PDK1
SOS2
BCL2
PTPRC
DAG1
SOS1
MAPK1
PIK3R1
BTK
BCR
NR0B2
ITPR2
SHC1
AKT1
PLCG2
LYN
AKT2
GSK3B
SYK
MAPK3
INPP5D
FLOT2
PPP3CB
RAF1
GSK3A
VAV1
NFATC1
FLOT1
PIK3CD
GRB2
CD19
CD81
PPP3CC
MAP4K1
CSK
BAD
BLNK