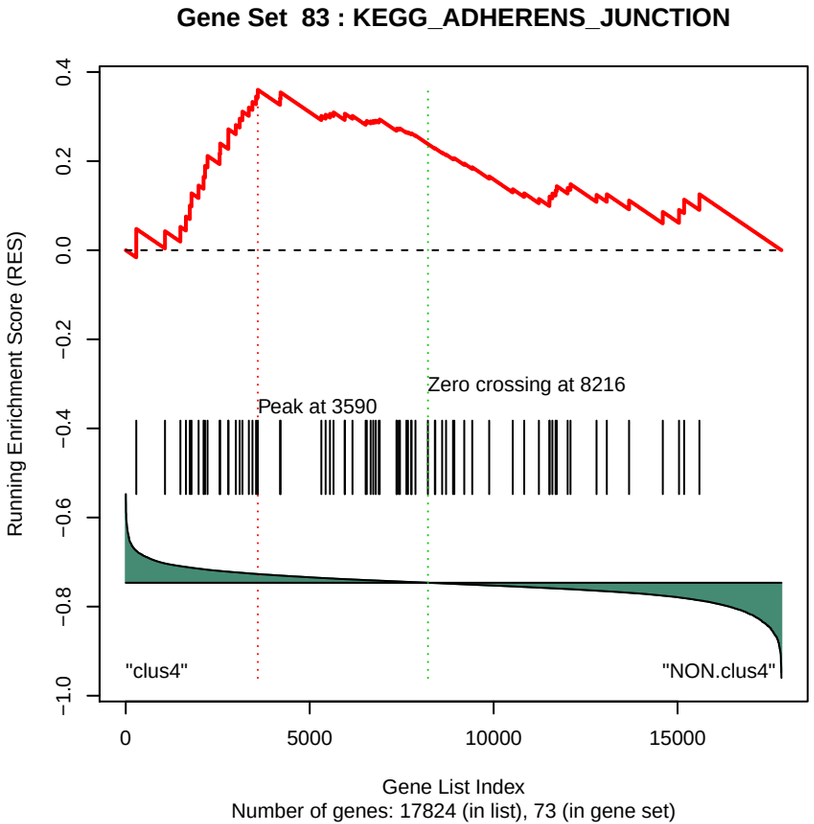
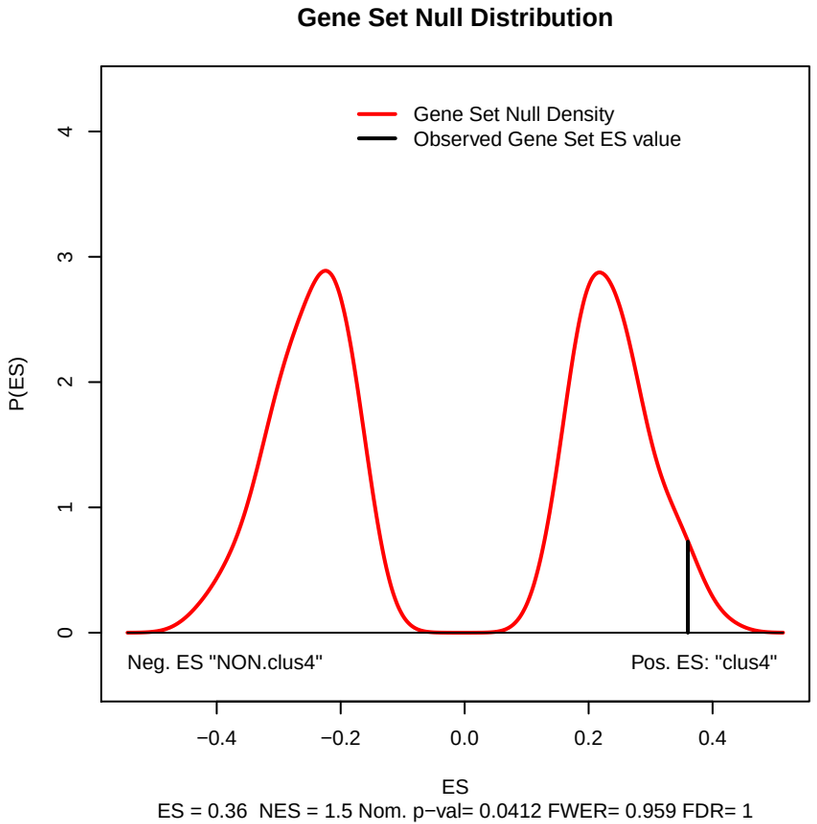
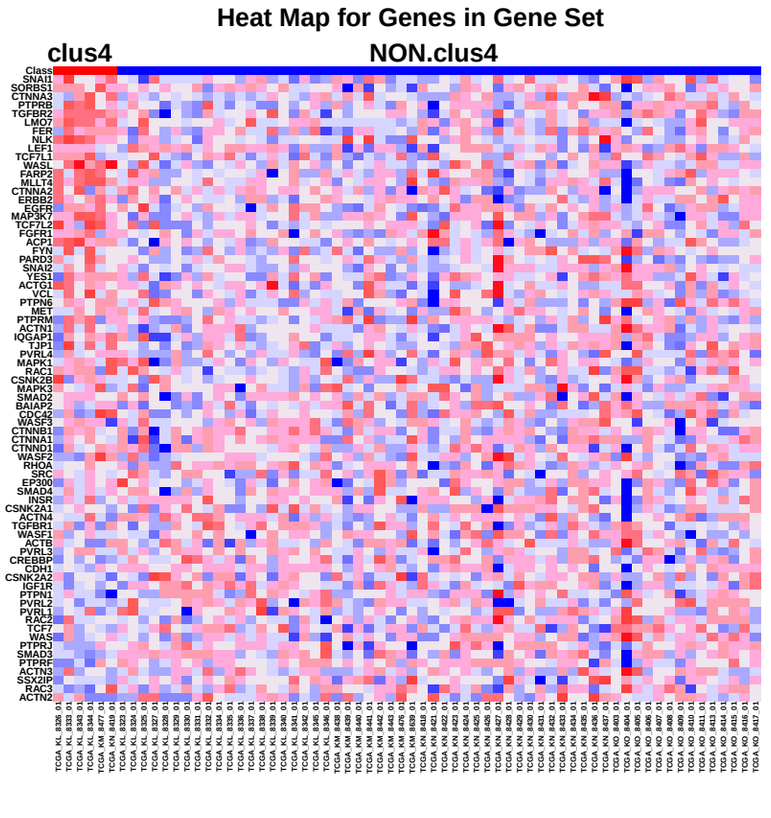

Gene Set 83 : KEGG_ADHERENS_JUNCTION
Running Enrichment Score (RES)
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
Peak at 3590
Zero crossing at 8216
"clus4"
"NON.clus4"
0
5000
10000
15000
Gene List Index
Number of genes: 17824 (in list), 73 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
4
3
2
1
0
Neg. ES "NON.clus4"
Pos. ES: "clus4"
−0.4
−0.2
0.0
0.2
0.4
ES
ES = 0.36 NES = 1.5 Nom. p−val= 0.0412 FWER= 0.959 FDR= 1


Heat Map for Genes in Gene Set
clus4
NON.clus4
Class
SNAI1
SORBS1
CTNNA3
PTPRB
TGFBR2
LMO7
FER
NLK
LEF1
TCF7L1
WASL
FARP2
MLLT4
CTNNA2
ERBB2
EGFR
MAP3K7
TCF7L2
FGFR1
ACP1
FYN
PARD3
SNAI2
YES1
ACTG1
VCL
PTPN6
MET
PTPRM
ACTN1
IQGAP1
TJP1
PVRL4
MAPK1
RAC1
CSNK2B
MAPK3
SMAD2
BAIAP2
CDC42
WASF3
CTNNB1
CTNNA1
CTNND1
WASF2
RHOA
SRC
EP300
SMAD4
INSR
CSNK2A1
ACTN4
TGFBR1
WASF1
ACTB
PVRL3
CREBBP
CDH1
CSNK2A2
IGF1R
PTPN1
PVRL2
PVRL1
RAC2
TCF7
WAS
PTPRJ
SMAD3
PTPRF
ACTN3
SSX2IP
RAC3
ACTN2