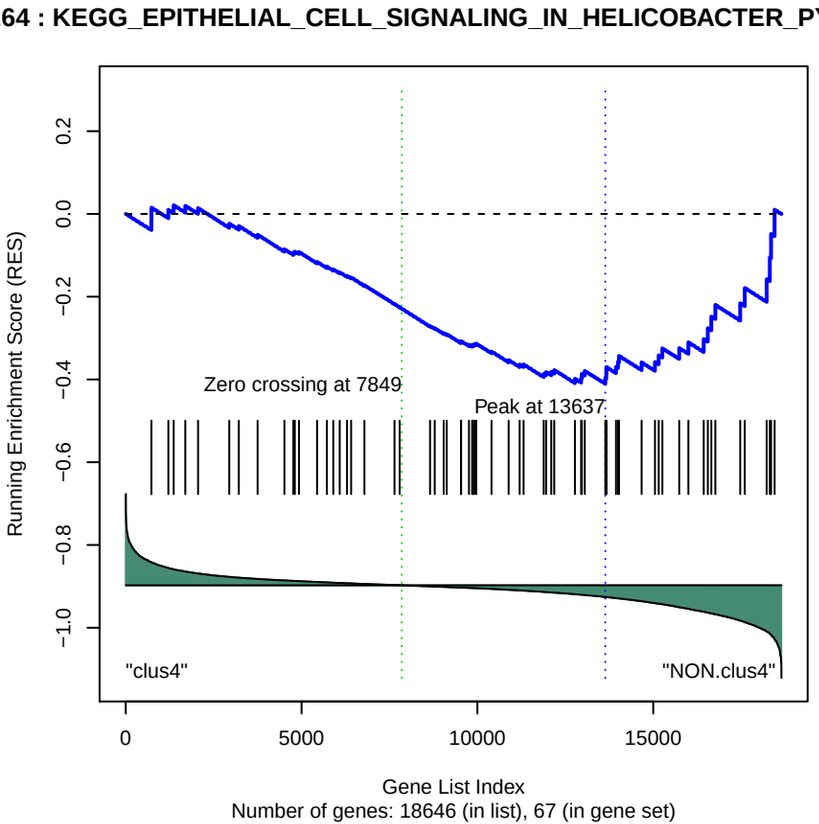
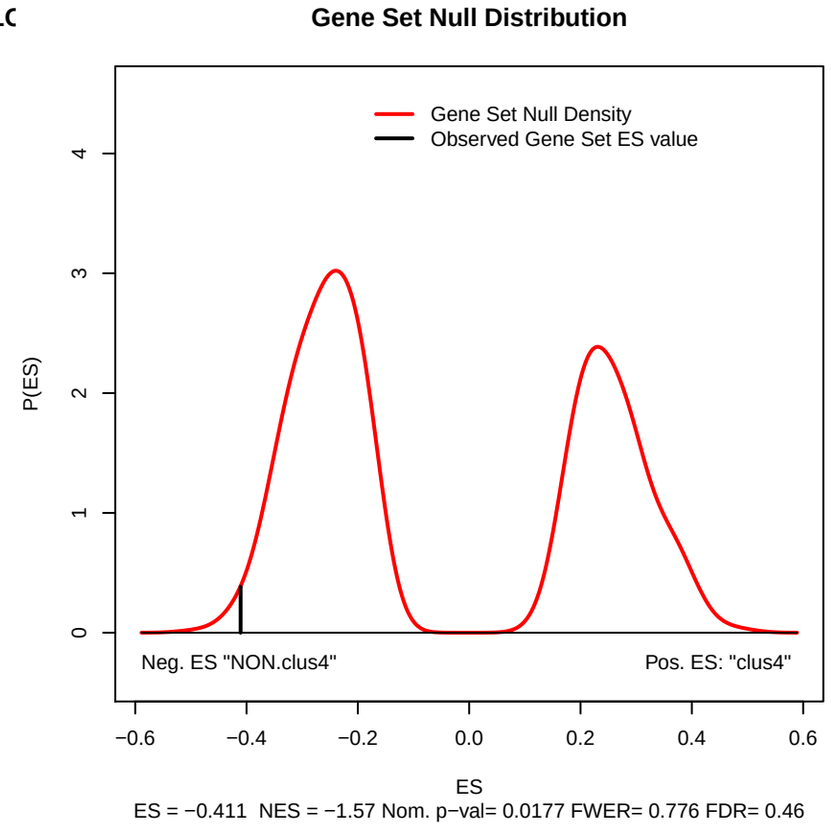
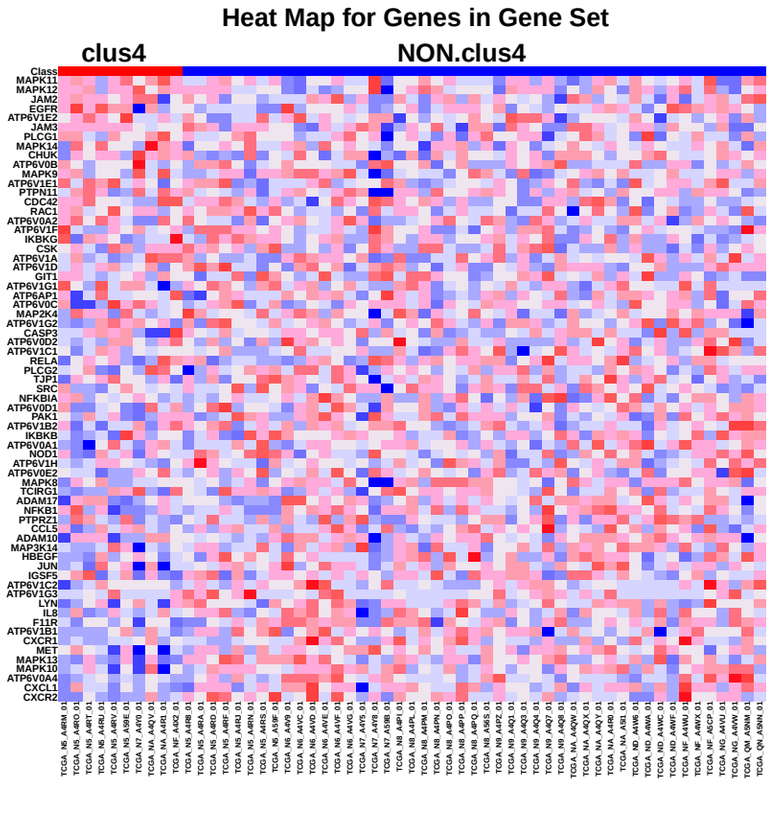

64 : KEGG_EPITHELIAL_CELL_SIGNALING_IN_HELICOBACTER_PYLC
Running Enrichment Score (RES)
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
Zero crossing at 7849
Peak at 13637
"clus4"
"NON.clus4"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 67 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
0
1
2
3
4
Neg. ES "NON.clus4"
Pos. ES: "clus4"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = −0.411 NES = −1.57 Nom. p−val= 0.0177 FWER= 0.776 FDR= 0.46


Heat Map for Genes in Gene Set
clus4
NON.clus4
Class
MAPK11
MAPK12
JAM2
EGFR
ATP6V1E2
JAM3
PLCG1
MAPK14
CHUK
ATP6V0B
MAPK9
ATP6V1E1
PTPN11
CDC42
RAC1
ATP6V0A2
ATP6V1F
IKBKG
CSK
ATP6V1A
ATP6V1D
GIT1
ATP6V1G1
ATP6AP1
ATP6V0C
MAP2K4
ATP6V1G2
CASP3
ATP6V0D2
ATP6V1C1
RELA
PLCG2
TJP1
SRC
NFKBIA
ATP6V0D1
PAK1
ATP6V1B2
IKBKB
ATP6V0A1
NOD1
ATP6V1H
ATP6V0E2
MAPK8
TCIRG1
ADAM17
NFKB1
PTPRZ1
CCL5
ADAM10
MAP3K14
HBEGF
JUN
IGSF5
ATP6V1C2
ATP6V1G3
LYN
IL8
F11R
ATP6V1B1
CXCR1
MET
MAPK13
MAPK10
ATP6V0A4
CXCL1
CXCR2