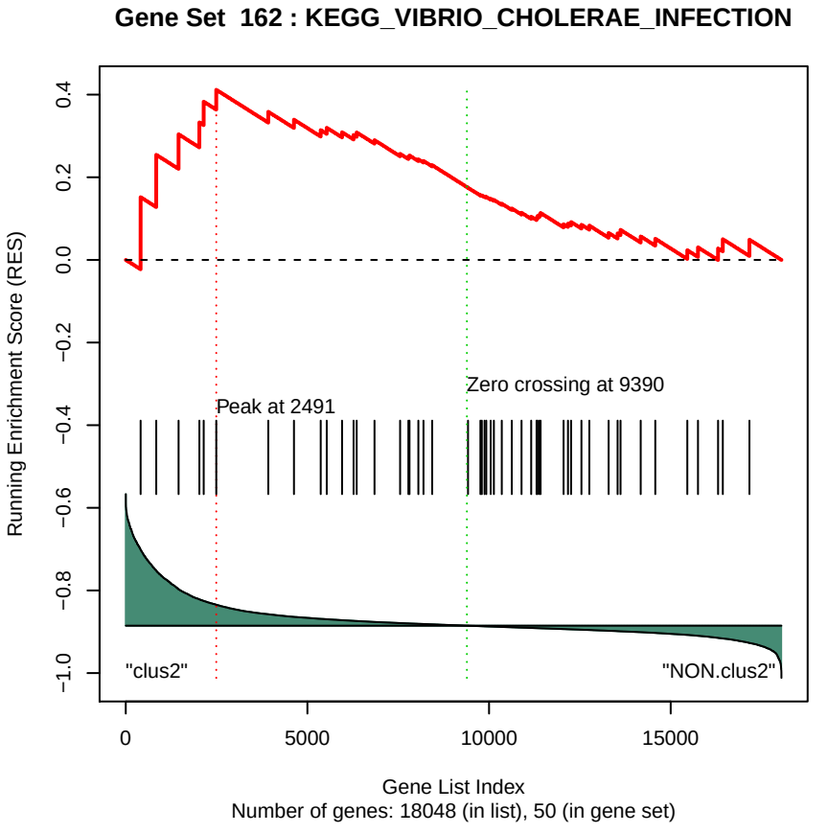
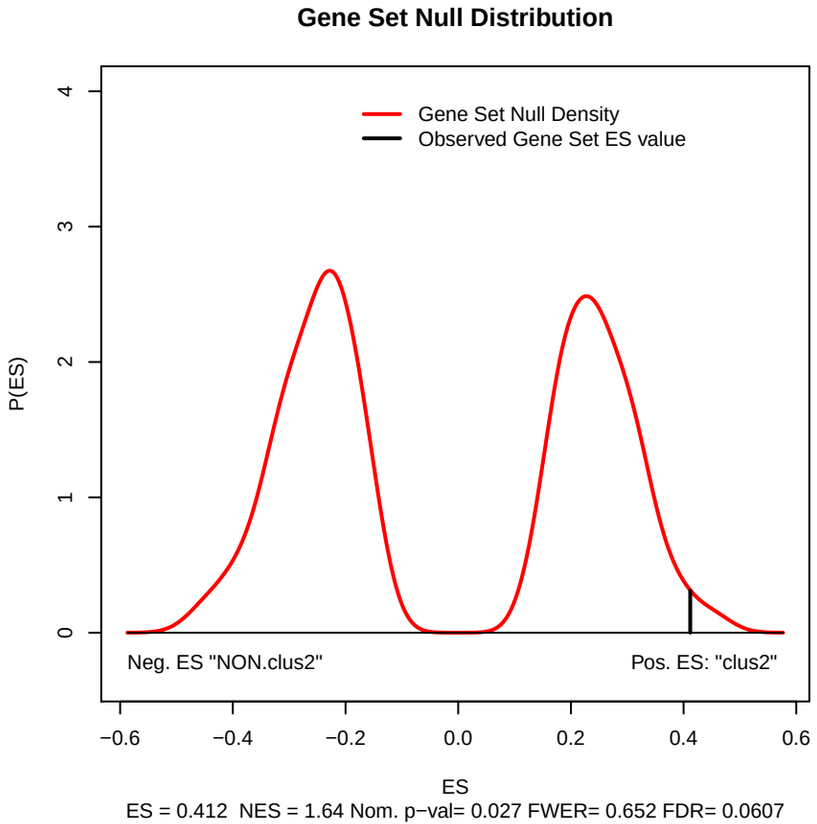
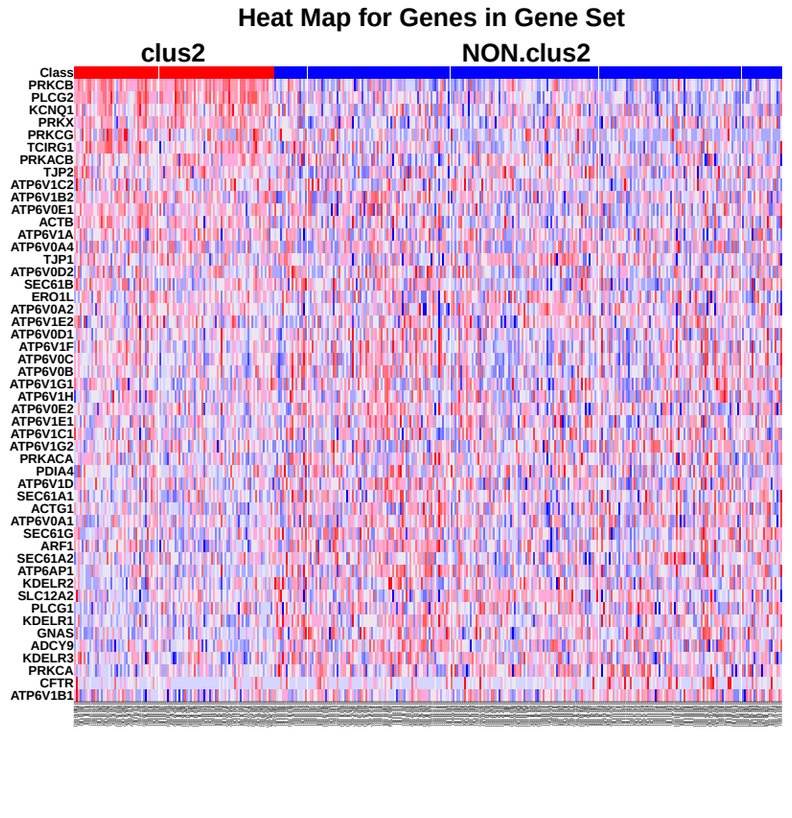

Gene Set 162 : KEGG_VIBRIO_CHOLERAE_INFECTION
Running Enrichment Score (RES)
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
Peak at 2491
Zero crossing at 9390
"clus2"
"NON.clus2"
0
5000
10000
15000
Gene List Index
Number of genes: 18048 (in list), 50 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
4
3
2
1
0
Neg. ES "NON.clus2"
Pos. ES: "clus2"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.412 NES = 1.64 Nom. p−val= 0.027 FWER= 0.652 FDR= 0.0607


Heat Map for Genes in Gene Set
clus2
NON.clus2
Class
PRKCB
PLCG2
KCNQ1
PRKX
PRKCG
TCIRG1
PRKACB
TJP2
ATP6V1C2
ATP6V1B2
ATP6V0E1
ACTB
ATP6V1A
ATP6V0A4
TJP1
ATP6V0D2
SEC61B
ERO1L
ATP6V0A2
ATP6V1E2
ATP6V0D1
ATP6V1F
ATP6V0C
ATP6V0B
ATP6V1G1
ATP6V1H
ATP6V0E2
ATP6V1E1
ATP6V1C1
ATP6V1G2
PRKACA
PDIA4
ATP6V1D
SEC61A1
ACTG1
ATP6V0A1
SEC61G
ARF1
SEC61A2
ATP6AP1
KDELR2
SLC12A2
PLCG1
KDELR1
GNAS
ADCY9
KDELR3
PRKCA
CFTR
ATP6V1B1