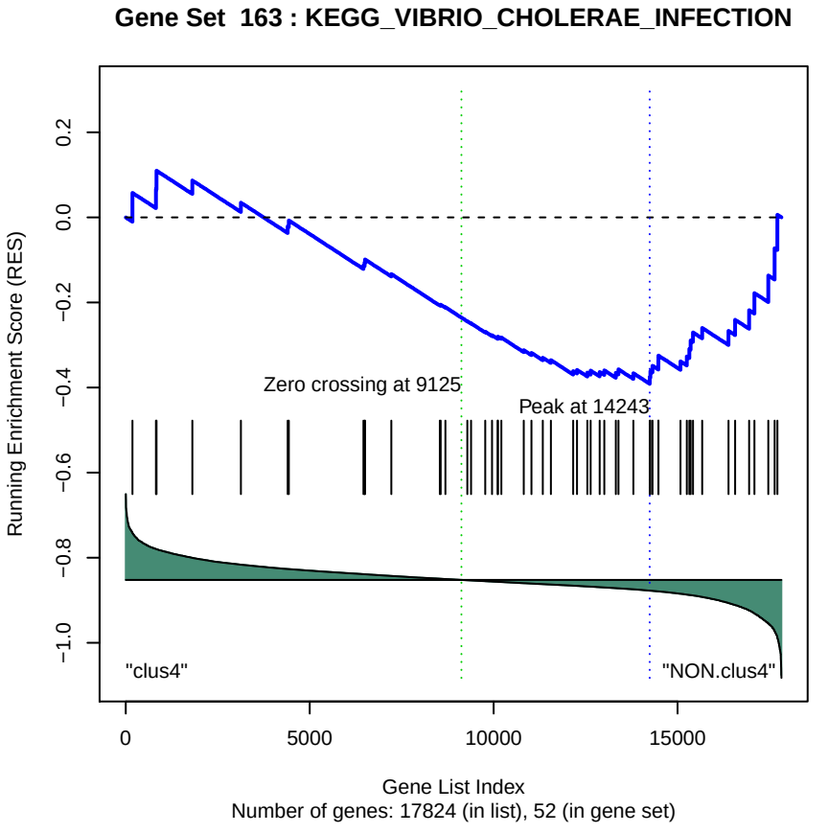
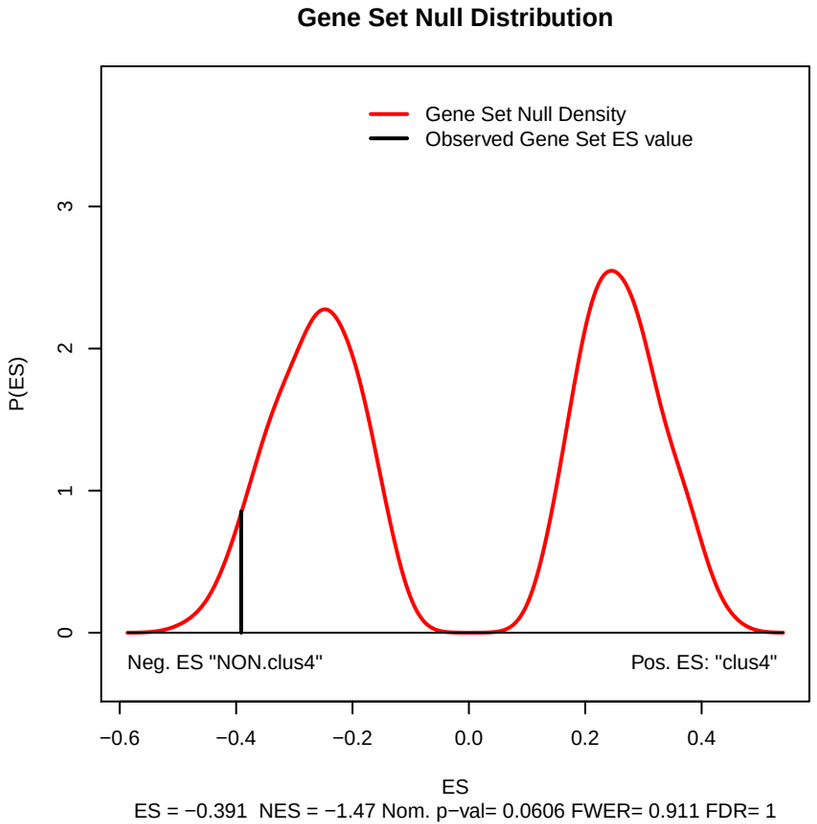
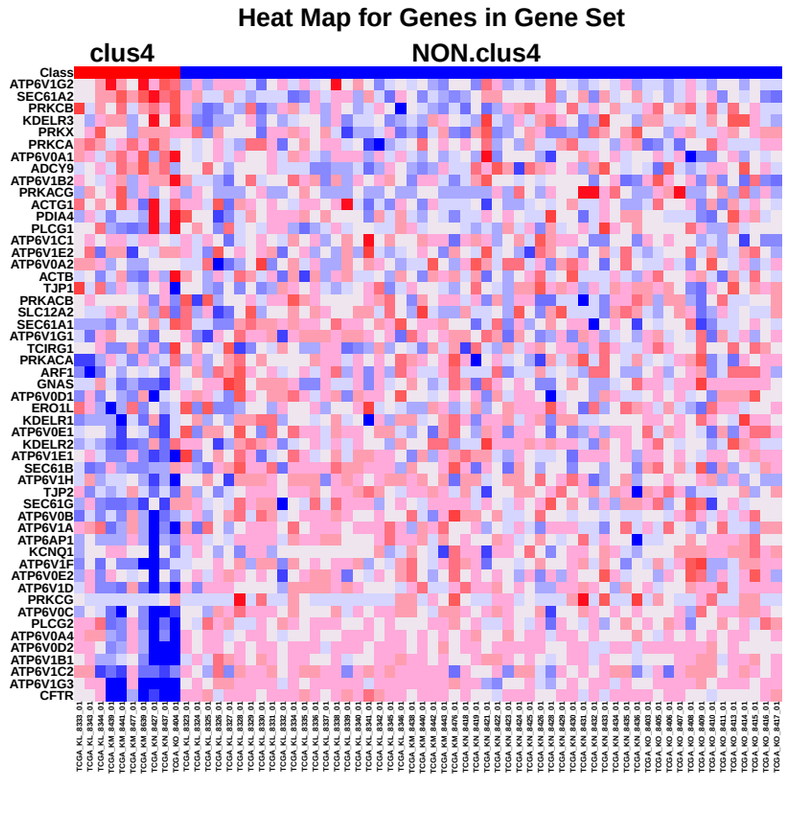

Gene Set 163 : KEGG_VIBRIO_CHOLERAE_INFECTION
Running Enrichment Score (RES)
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
Zero crossing at 9125
Peak at 14243
"clus4"
"NON.clus4"
0
5000
10000
15000
Gene List Index
Number of genes: 17824 (in list), 52 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
3
2
1
0
Neg. ES "NON.clus4"
Pos. ES: "clus4"
−0.6
−0.4
−0.2
0.0
0.2
0.4
ES
ES = −0.391 NES = −1.47 Nom. p−val= 0.0606 FWER= 0.911 FDR= 1


Heat Map for Genes in Gene Set
clus4
NON.clus4
Class
ATP6V1G2
SEC61A2
PRKCB
KDELR3
PRKX
PRKCA
ATP6V0A1
ADCY9
ATP6V1B2
PRKACG
ACTG1
PDIA4
PLCG1
ATP6V1C1
ATP6V1E2
ATP6V0A2
ACTB
TJP1
PRKACB
SLC12A2
SEC61A1
ATP6V1G1
TCIRG1
PRKACA
ARF1
GNAS
ATP6V0D1
ERO1L
KDELR1
ATP6V0E1
KDELR2
ATP6V1E1
SEC61B
ATP6V1H
TJP2
SEC61G
ATP6V0B
ATP6V1A
ATP6AP1
KCNQ1
ATP6V1F
ATP6V0E2
ATP6V1D
PRKCG
ATP6V0C
PLCG2
ATP6V0A4
ATP6V0D2
ATP6V1B1
ATP6V1C2
ATP6V1G3
CFTR