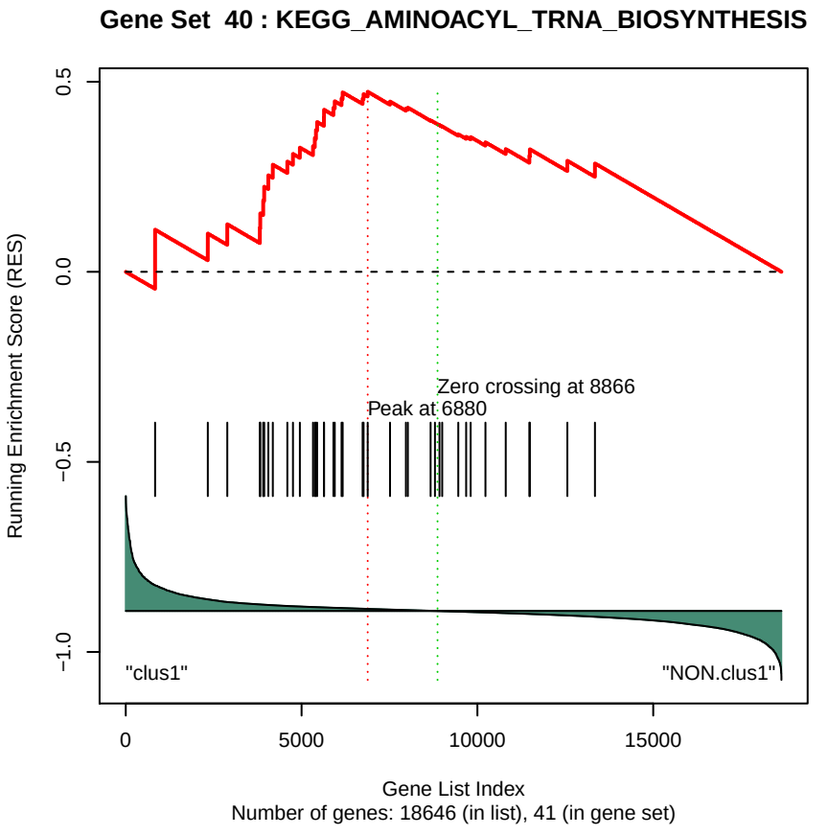
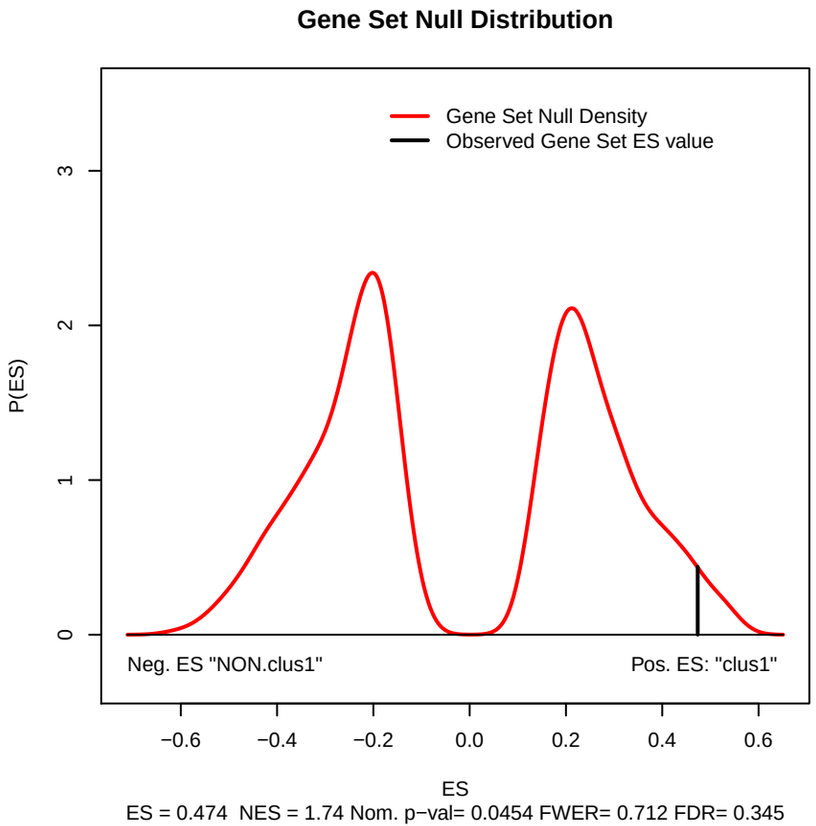
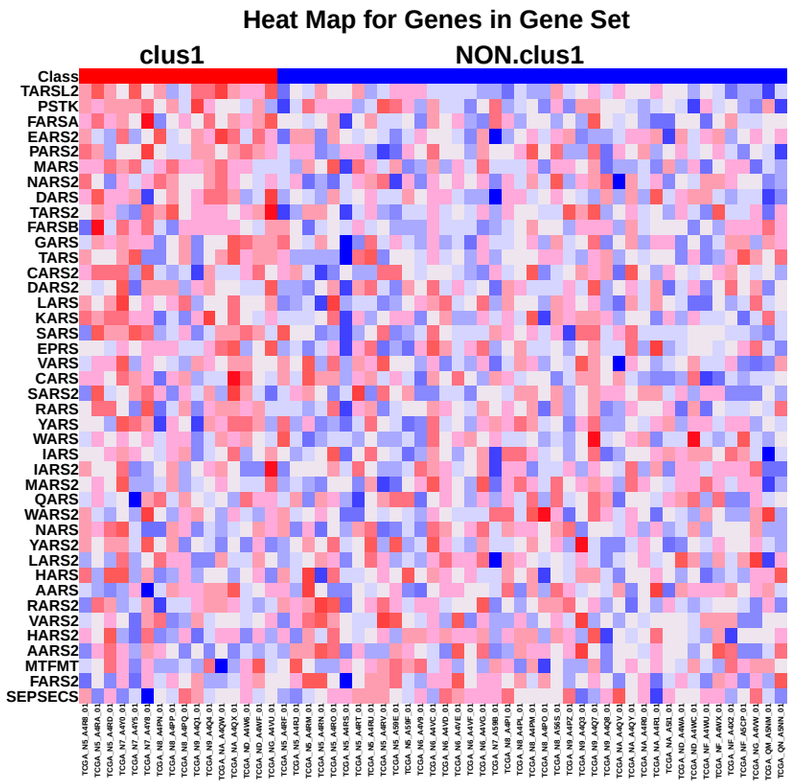

Gene Set 40 : KEGG_AMINOACYL_TRNA_BIOSYNTHESIS
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Zero crossing at 8866
Peak at 6880
"clus1"
"NON.clus1"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 41 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
0
1
2
3
Neg. ES "NON.clus1"
Pos. ES: "clus1"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.474 NES = 1.74 Nom. p−val= 0.0454 FWER= 0.712 FDR= 0.345


Heat Map for Genes in Gene Set
clus1
NON.clus1
Class
TARSL2
PSTK
FARSA
EARS2
PARS2
MARS
NARS2
DARS
TARS2
FARSB
GARS
TARS
CARS2
DARS2
LARS
KARS
SARS
EPRS
VARS
CARS
SARS2
RARS
YARS
WARS
IARS
IARS2
MARS2
QARS
WARS2
NARS
YARS2
LARS2
HARS
AARS
RARS2
VARS2
HARS2
AARS2
MTFMT
FARS2
SEPSECS