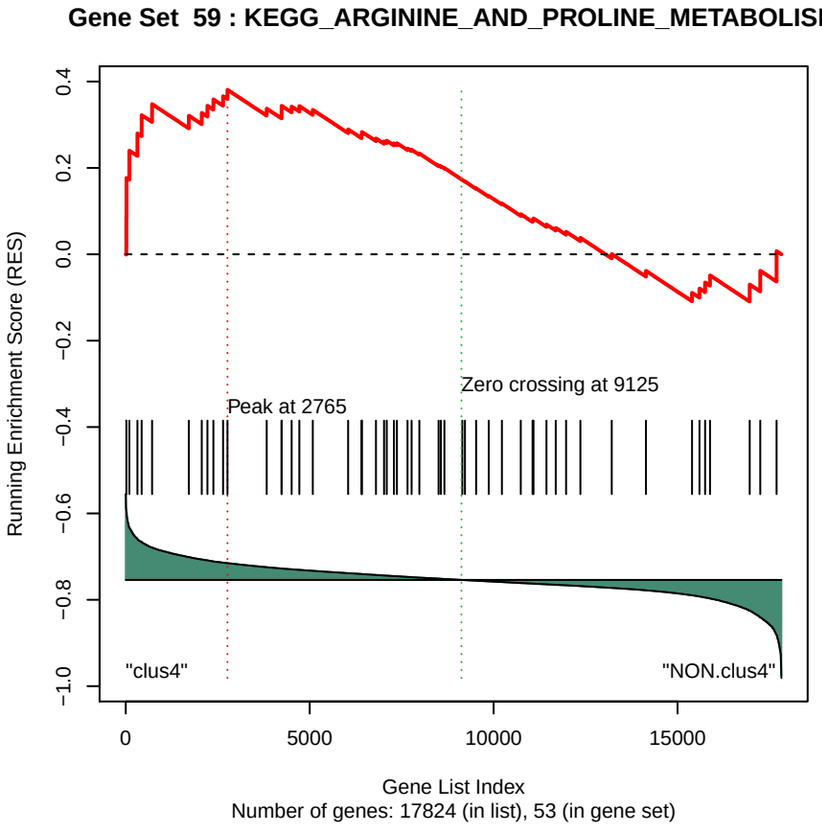
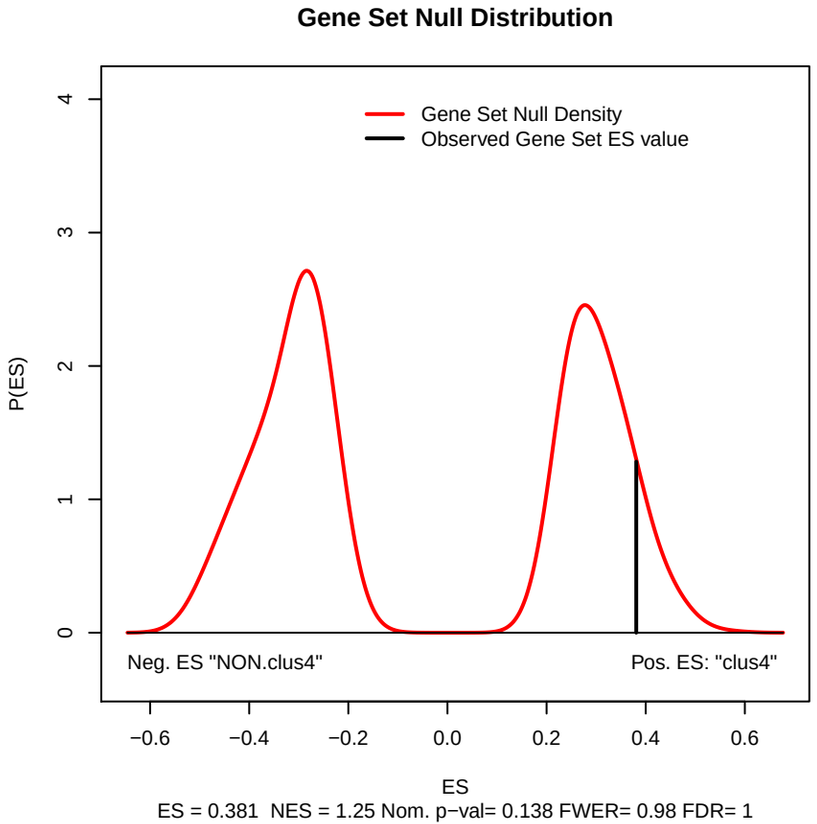
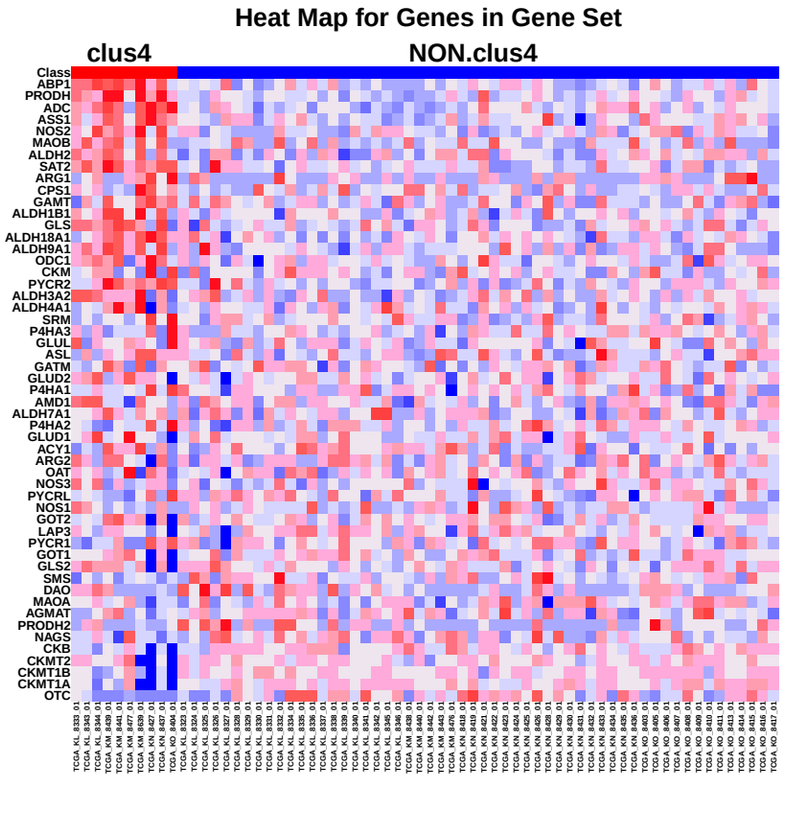

Gene Set 59 : KEGG_ARGININE_AND_PROLINE_METABOLISM
Running Enrichment Score (RES)
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
Peak at 2765
Zero crossing at 9125
"clus4"
"NON.clus4"
0
5000
10000
15000
Gene List Index
Number of genes: 17824 (in list), 53 (in gene set)


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"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.381 NES = 1.25 Nom. p−val= 0.138 FWER= 0.98 FDR= 1


Heat Map for Genes in Gene Set
clus4
NON.clus4
Class
ABP1
PRODH
ADC
ASS1
NOS2
MAOB
ALDH2
SAT2
ARG1
CPS1
GAMT
ALDH1B1
GLS
ALDH18A1
ALDH9A1
ODC1
CKM
PYCR2
ALDH3A2
ALDH4A1
SRM
P4HA3
GLUL
ASL
GATM
GLUD2
P4HA1
AMD1
ALDH7A1
P4HA2
GLUD1
ACY1
ARG2
OAT
NOS3
PYCRL
NOS1
GOT2
LAP3
PYCR1
GOT1
GLS2
SMS
DAO
MAOA
AGMAT
PRODH2
NAGS
CKB
CKMT2
CKMT1B
CKMT1A
OTC