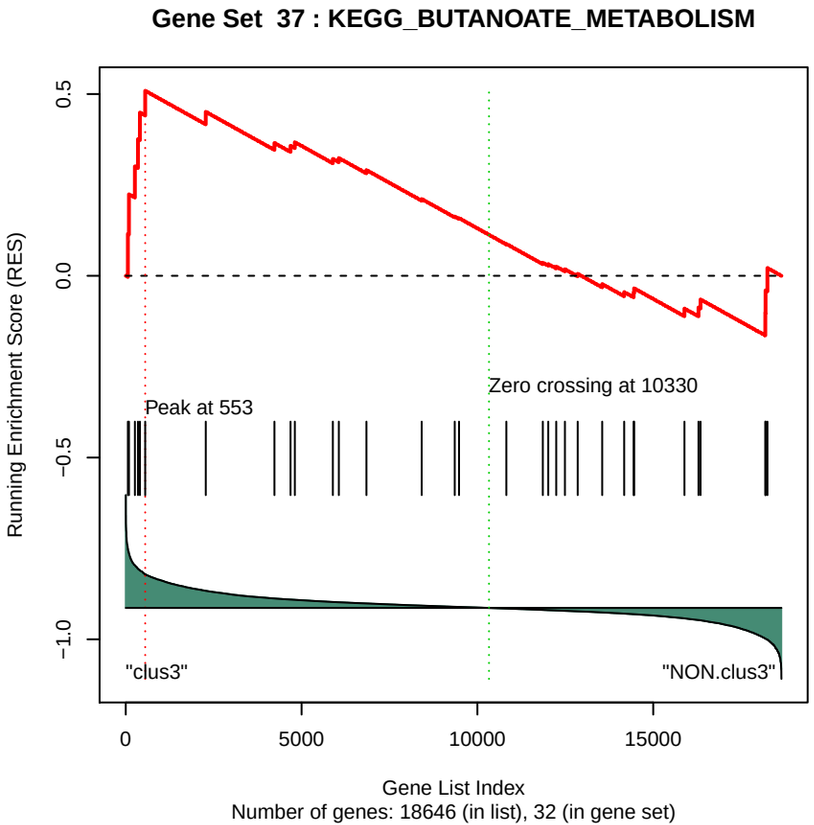
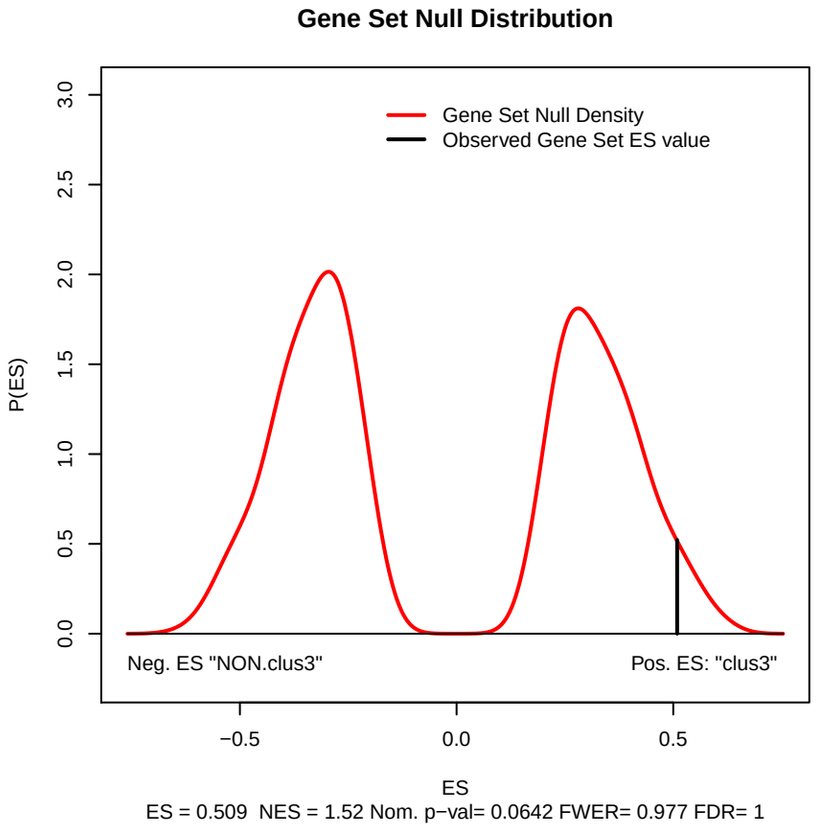
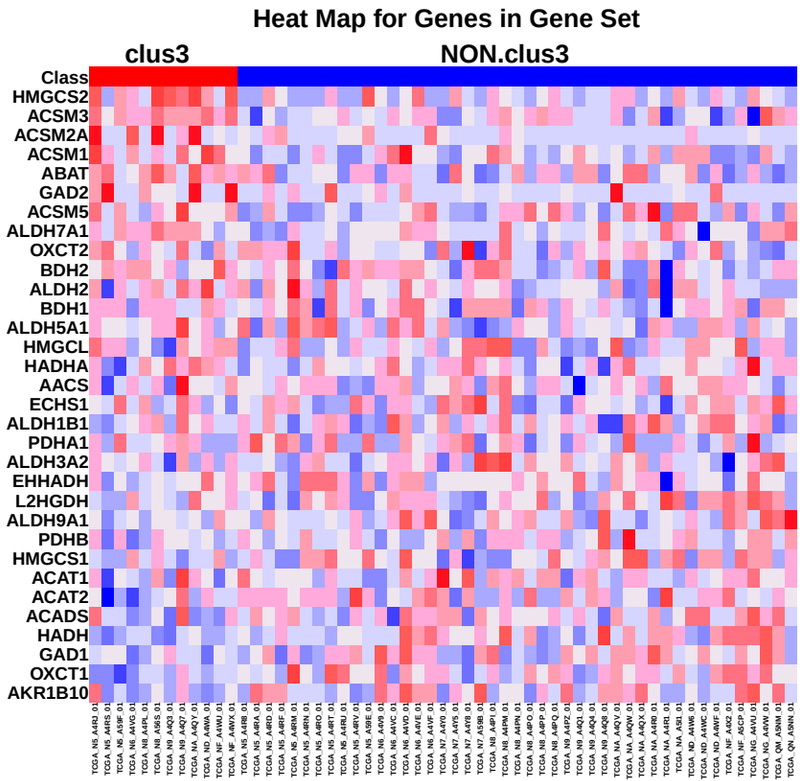

Gene Set 37 : KEGG_BUTANOATE_METABOLISM
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 553
Zero crossing at 10330
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 32 (in gene set)


Gene Set Null Distribution
P(ES)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Gene Set Null Density
Observed Gene Set ES value
Neg. ES "NON.clus3"
Pos. ES: "clus3"
−0.5
0.0
0.5
ES
ES = 0.509 NES = 1.52 Nom. p−val= 0.0642 FWER= 0.977 FDR= 1


Heat Map for Genes in Gene Set
clus3
NON.clus3
Class
HMGCS2
ACSM3
ACSM2A
ACSM1
ABAT
GAD2
ACSM5
ALDH7A1
OXCT2
BDH2
ALDH2
BDH1
ALDH5A1
HMGCL
HADHA
AACS
ECHS1
ALDH1B1
PDHA1
ALDH3A2
EHHADH
L2HGDH
ALDH9A1
PDHB
HMGCS1
ACAT1
ACAT2
ACADS
HADH
GAD1
OXCT1
AKR1B10