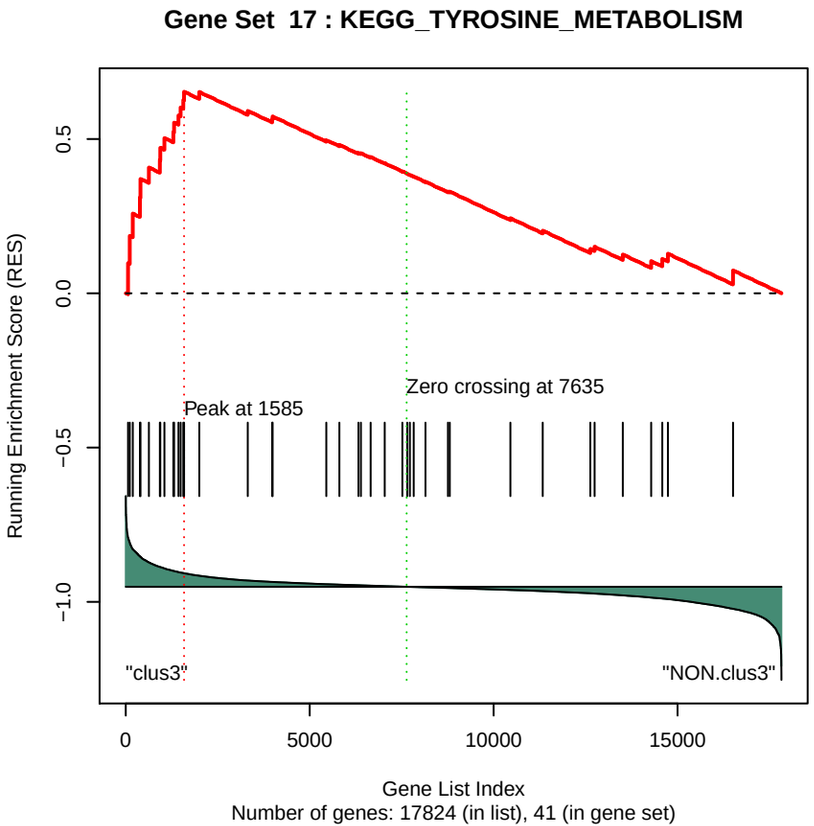
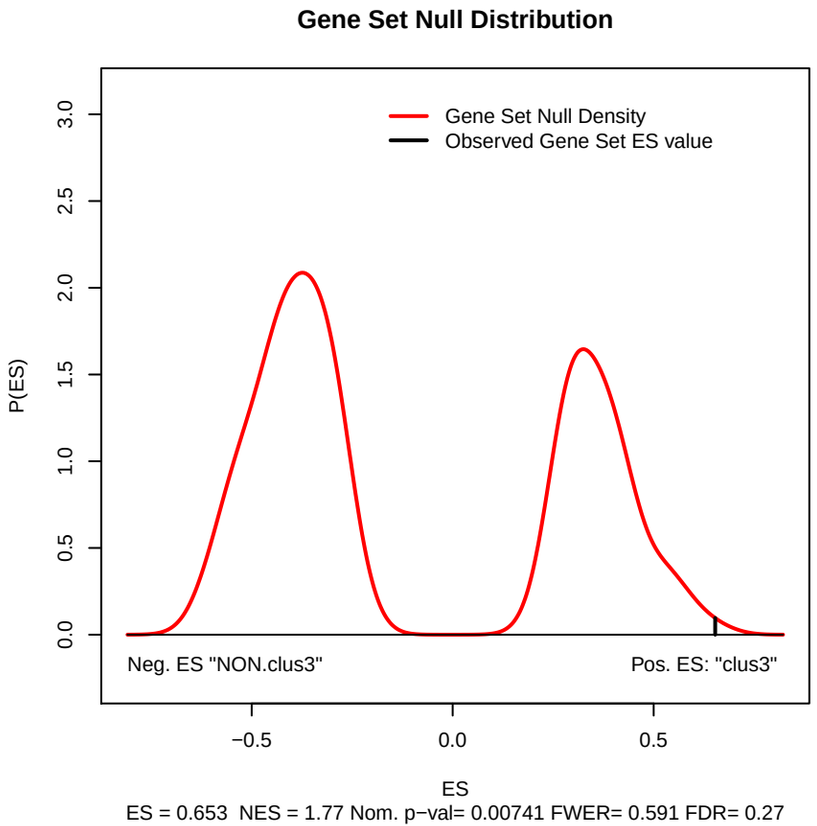
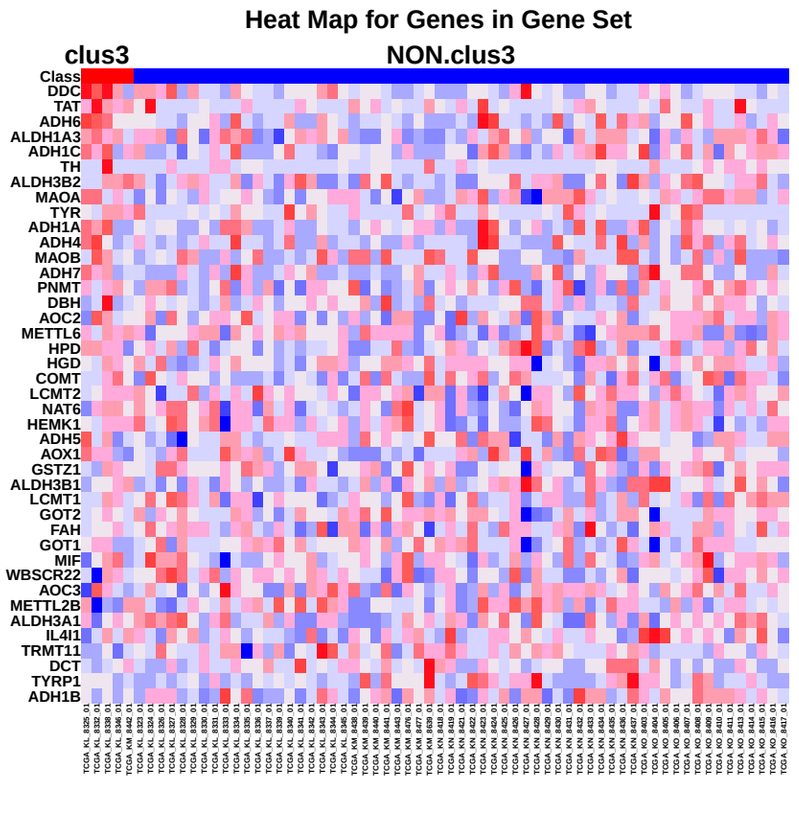

Gene Set 17 : KEGG_TYROSINE_METABOLISM
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 1585
Zero crossing at 7635
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 17824 (in list), 41 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Neg. ES "NON.clus3"
Pos. ES: "clus3"
−0.5
0.0
0.5
ES
ES = 0.653 NES = 1.77 Nom. p−val= 0.00741 FWER= 0.591 FDR= 0.27


Heat Map for Genes in Gene Set
clus3
NON.clus3
Class
DDC
TAT
ADH6
ALDH1A3
ADH1C
TH
ALDH3B2
MAOA
TYR
ADH1A
ADH4
MAOB
ADH7
PNMT
DBH
AOC2
METTL6
HPD
HGD
COMT
LCMT2
NAT6
HEMK1
ADH5
AOX1
GSTZ1
ALDH3B1
LCMT1
GOT2
FAH
GOT1
MIF
WBSCR22
AOC3
METTL2B
ALDH3A1
IL4I1
TRMT11
DCT
TYRP1
ADH1B