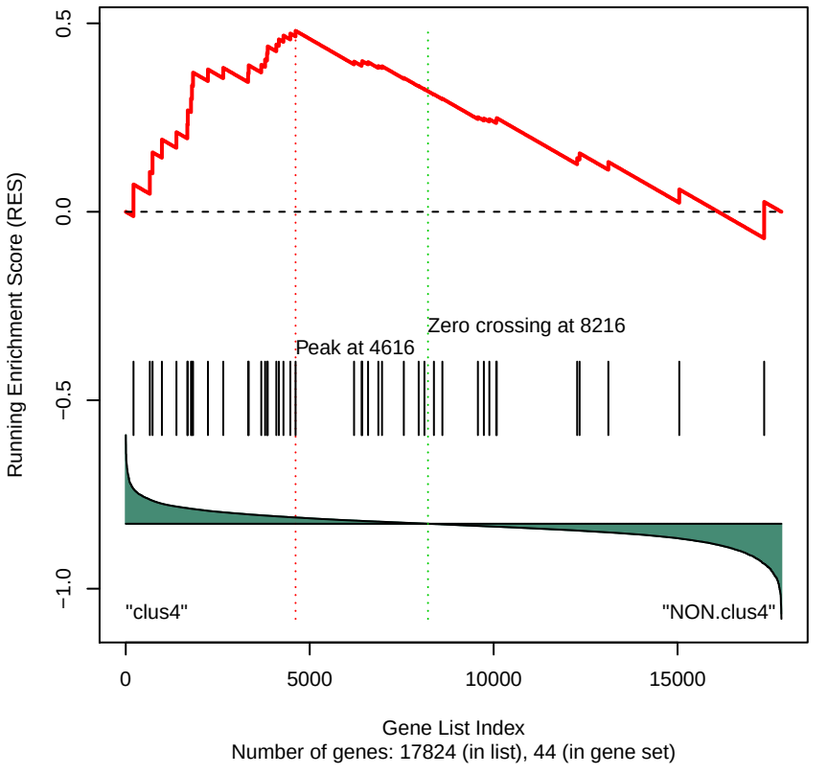
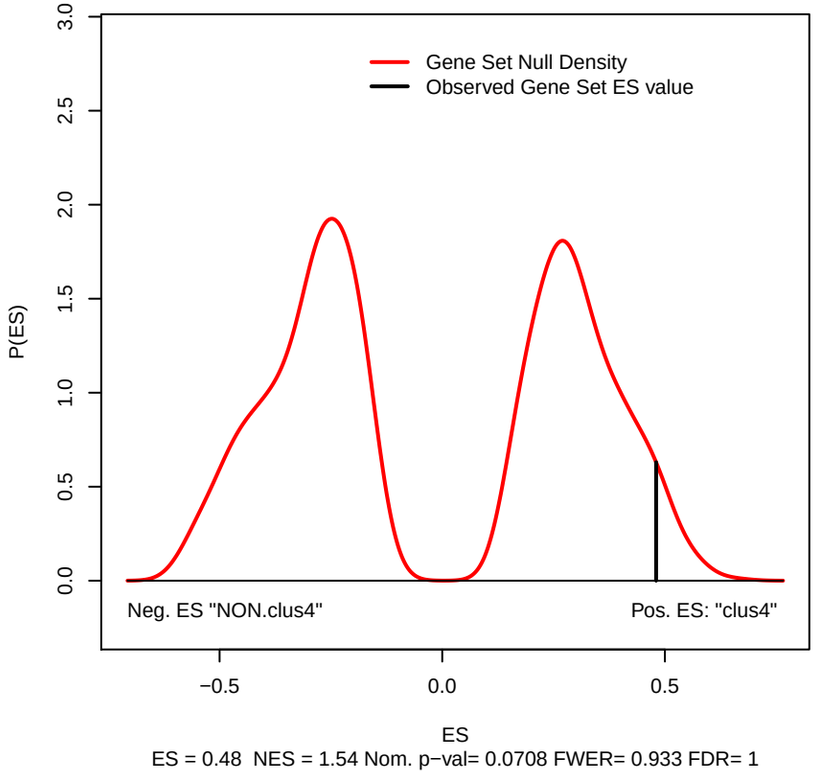
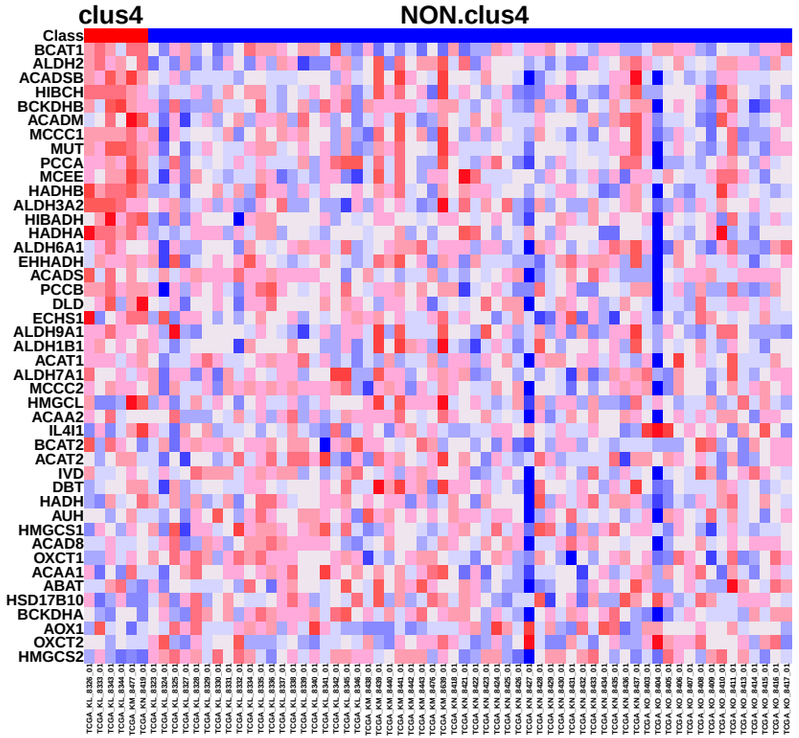

Gene Set 13 : KEGG_VALINE_LEUCINE_AND_ISOLEUCINE_DEGRADA
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 4616
Zero crossing at 8216
"clus4"
"NON.clus4"
0
5000
10000
15000
Gene List Index
Number of genes: 17824 (in list), 44 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Neg. ES "NON.clus4"
Pos. ES: "clus4"
−0.5
0.0
0.5
ES
ES = 0.48 NES = 1.54 Nom. p−val= 0.0708 FWER= 0.933 FDR= 1


Heat Map for Genes in Gene Set
clus4
NON.clus4
Class
BCAT1
ALDH2
ACADSB
HIBCH
BCKDHB
ACADM
MCCC1
MUT
PCCA
MCEE
HADHB
ALDH3A2
HIBADH
HADHA
ALDH6A1
EHHADH
ACADS
PCCB
DLD
ECHS1
ALDH9A1
ALDH1B1
ACAT1
ALDH7A1
MCCC2
HMGCL
ACAA2
IL4I1
BCAT2
ACAT2
IVD
DBT
HADH
AUH
HMGCS1
ACAD8
OXCT1
ACAA1
ABAT
HSD17B10
BCKDHA
AOX1
OXCT2
HMGCS2