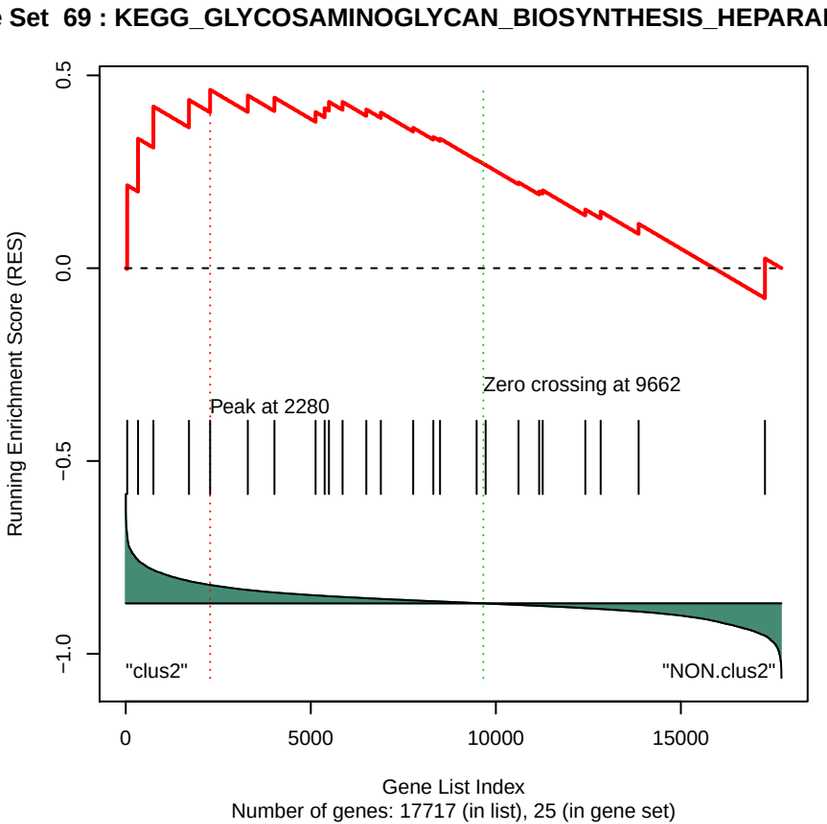
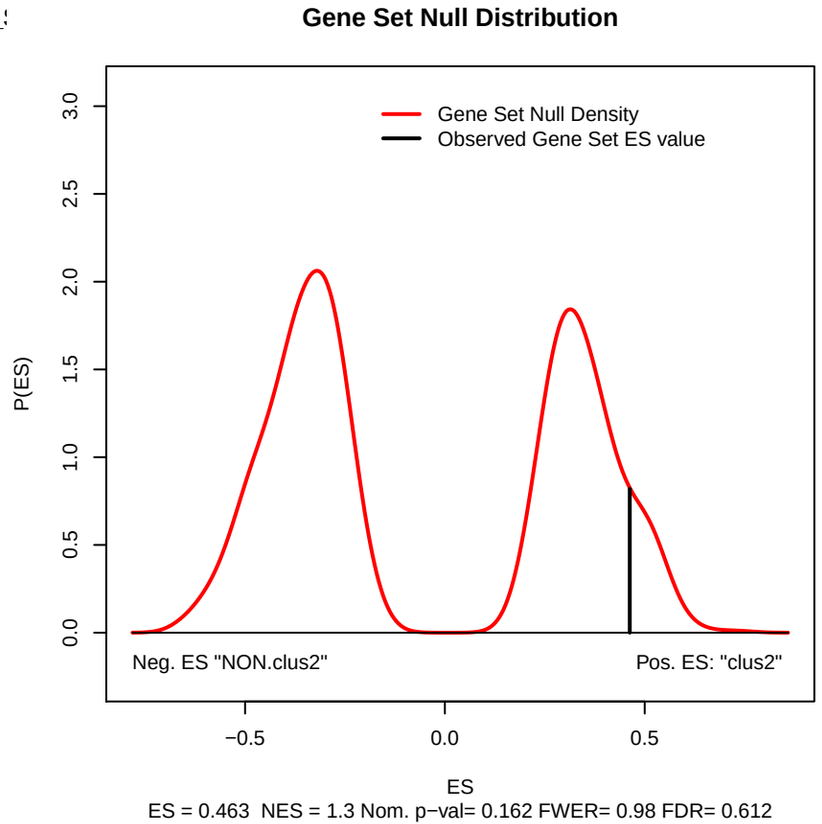
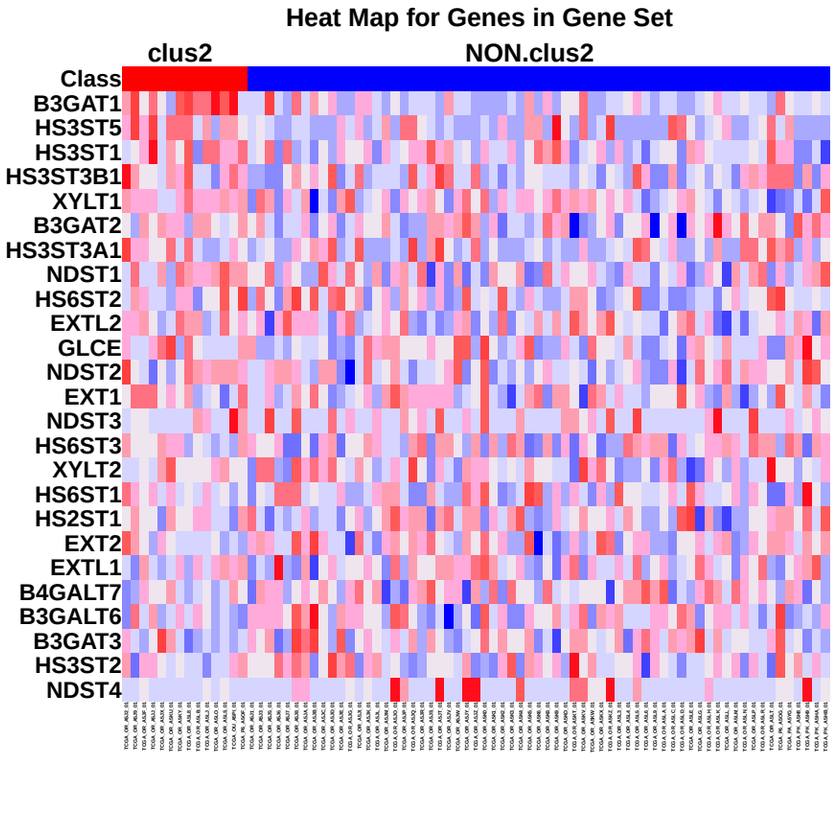

e Set 69 : KEGG_GLYCOSAMINOGLYCAN_BIOSYNTHESIS_HEPARAN_S
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 2280
Zero crossing at 9662
"clus2"
"NON.clus2"
0
5000
10000
15000
Gene List Index
Number of genes: 17717 (in list), 25 (in gene set)


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.clus2"
Pos. ES: "clus2"
−0.5
0.0
0.5
ES
ES = 0.463 NES = 1.3 Nom. p−val= 0.162 FWER= 0.98 FDR= 0.612


Heat Map for Genes in Gene Set
clus2
NON.clus2
Class
B3GAT1
HS3ST5
HS3ST1
HS3ST3B1
XYLT1
B3GAT2
HS3ST3A1
NDST1
HS6ST2
EXTL2
GLCE
NDST2
EXT1
NDST3
HS6ST3
XYLT2
HS6ST1
HS2ST1
EXT2
EXTL1
B4GALT7
B3GALT6
B3GAT3
HS3ST2
NDST4