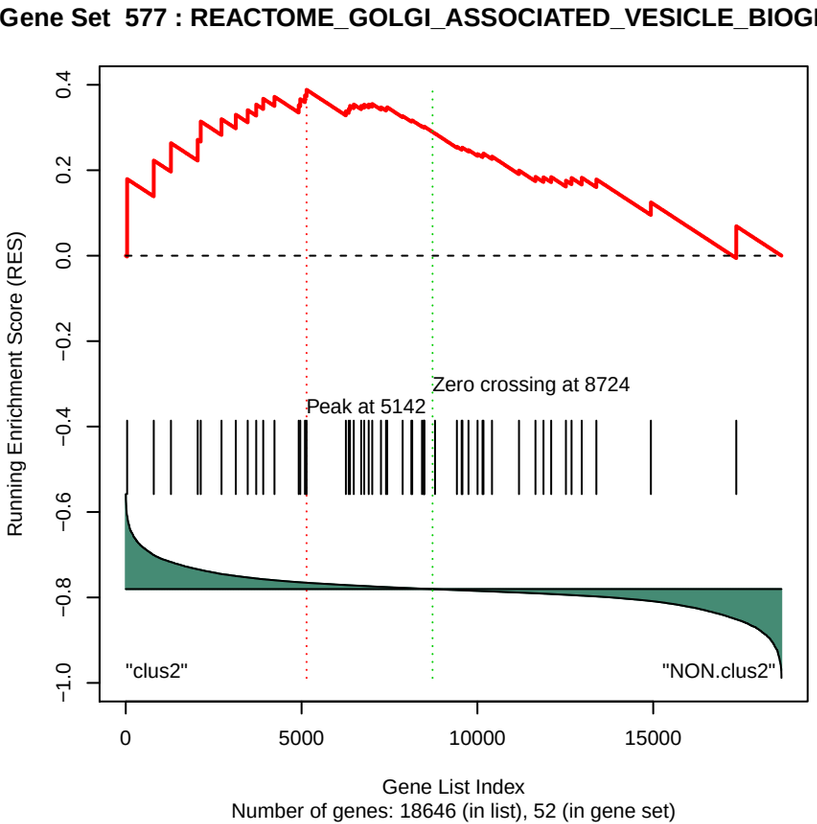
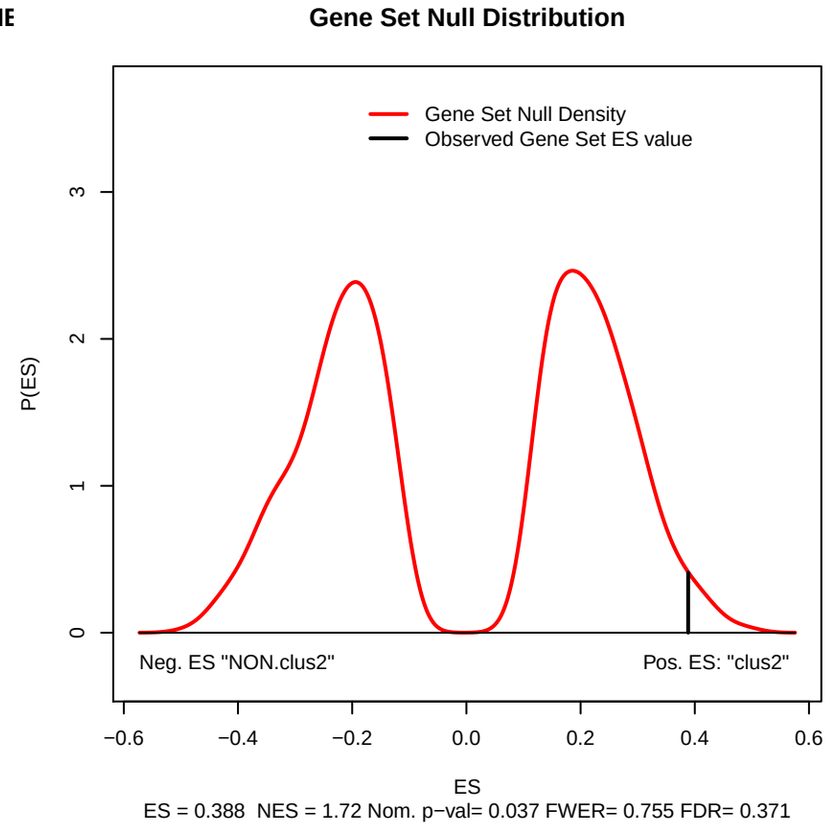
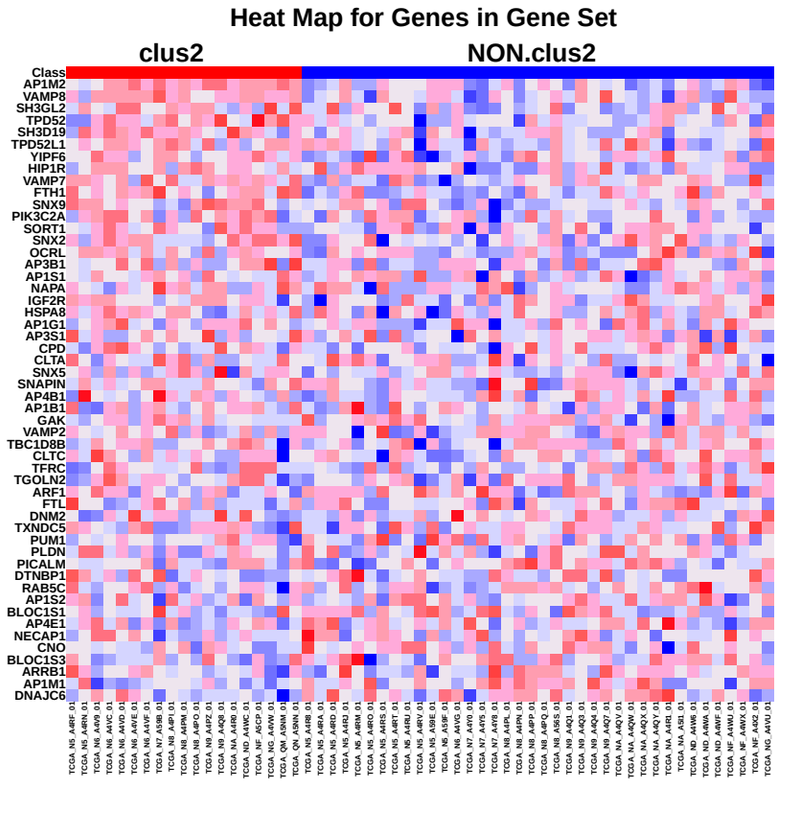

Gene Set 577 : REACTOME_GOLGI_ASSOCIATED_VESICLE_BIOGENE
Running Enrichment Score (RES)
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
Peak at 5142
Zero crossing at 8724
"clus2"
"NON.clus2"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 52 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
3
2
1
0
Neg. ES "NON.clus2"
Pos. ES: "clus2"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.388 NES = 1.72 Nom. p−val= 0.037 FWER= 0.755 FDR= 0.371


Heat Map for Genes in Gene Set
clus2
NON.clus2
Class
AP1M2
VAMP8
SH3GL2
TPD52
SH3D19
TPD52L1
YIPF6
HIP1R
VAMP7
FTH1
SNX9
PIK3C2A
SORT1
SNX2
OCRL
AP3B1
AP1S1
NAPA
IGF2R
HSPA8
AP1G1
AP3S1
CPD
CLTA
SNX5
SNAPIN
AP4B1
AP1B1
GAK
VAMP2
TBC1D8B
CLTC
TFRC
TGOLN2
ARF1
FTL
DNM2
TXNDC5
PUM1
PLDN
PICALM
DTNBP1
RAB5C
AP1S2
BLOC1S1
AP4E1
NECAP1
CNO
BLOC1S3
ARRB1
AP1M1
DNAJC6