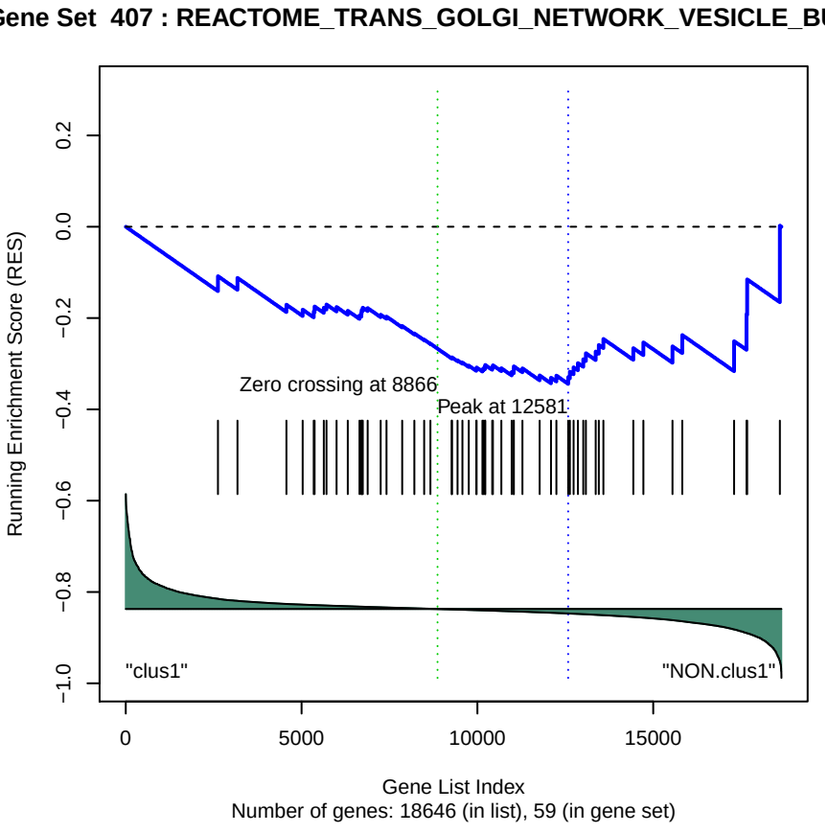
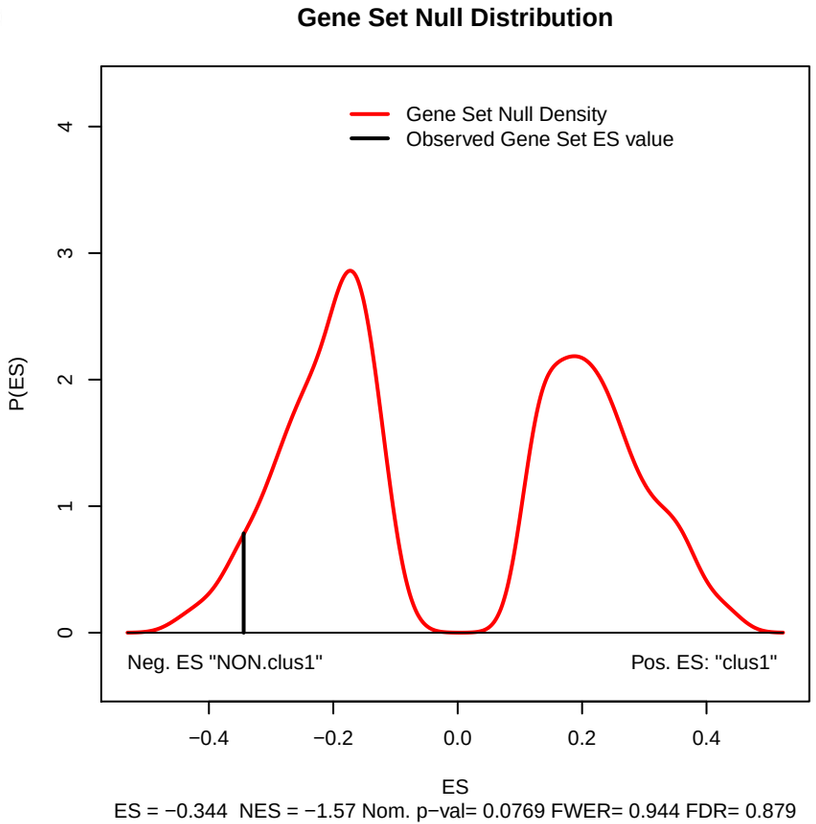
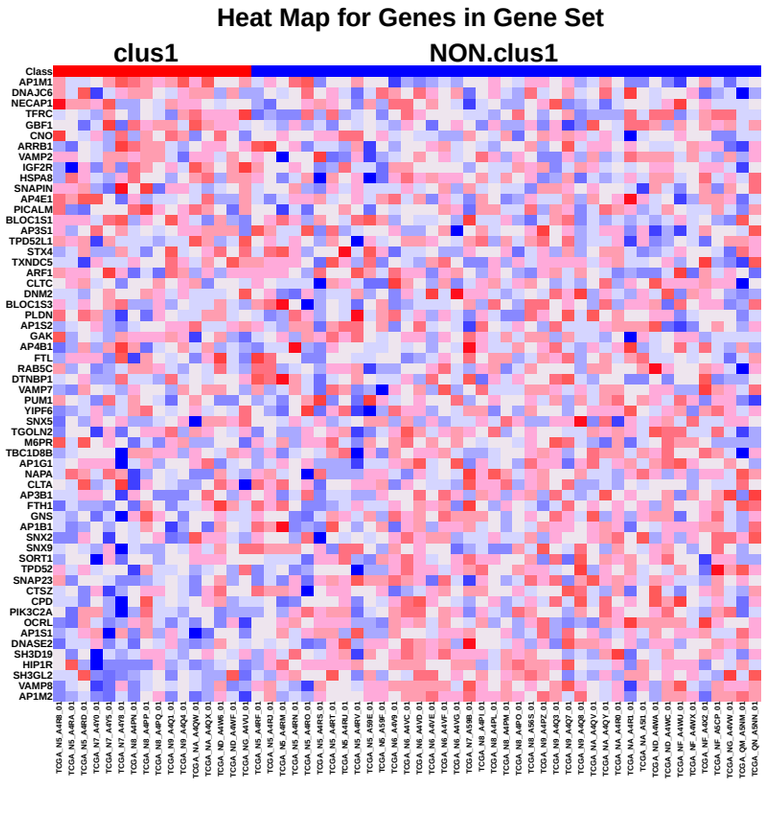

Gene Set 407 : REACTOME_TRANS_GOLGI_NETWORK_VESICLE_BUD
Running Enrichment Score (RES)
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
Zero crossing at 8866
Peak at 12581
"clus1"
"NON.clus1"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 59 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
4
3
2
1
0
Neg. ES "NON.clus1"
Pos. ES: "clus1"
−0.4
−0.2
0.0
0.2
0.4
ES
ES = −0.344 NES = −1.57 Nom. p−val= 0.0769 FWER= 0.944 FDR= 0.879


Heat Map for Genes in Gene Set
clus1
NON.clus1
Class
AP1M1
DNAJC6
NECAP1
TFRC
GBF1
CNO
ARRB1
VAMP2
IGF2R
HSPA8
SNAPIN
AP4E1
PICALM
BLOC1S1
AP3S1
TPD52L1
STX4
TXNDC5
ARF1
CLTC
DNM2
BLOC1S3
PLDN
AP1S2
GAK
AP4B1
FTL
RAB5C
DTNBP1
VAMP7
PUM1
YIPF6
SNX5
TGOLN2
M6PR
TBC1D8B
AP1G1
NAPA
CLTA
AP3B1
FTH1
GNS
AP1B1
SNX2
SNX9
SORT1
TPD52
SNAP23
CTSZ
CPD
PIK3C2A
OCRL
AP1S1
DNASE2
SH3D19
HIP1R
SH3GL2
VAMP8
AP1M2