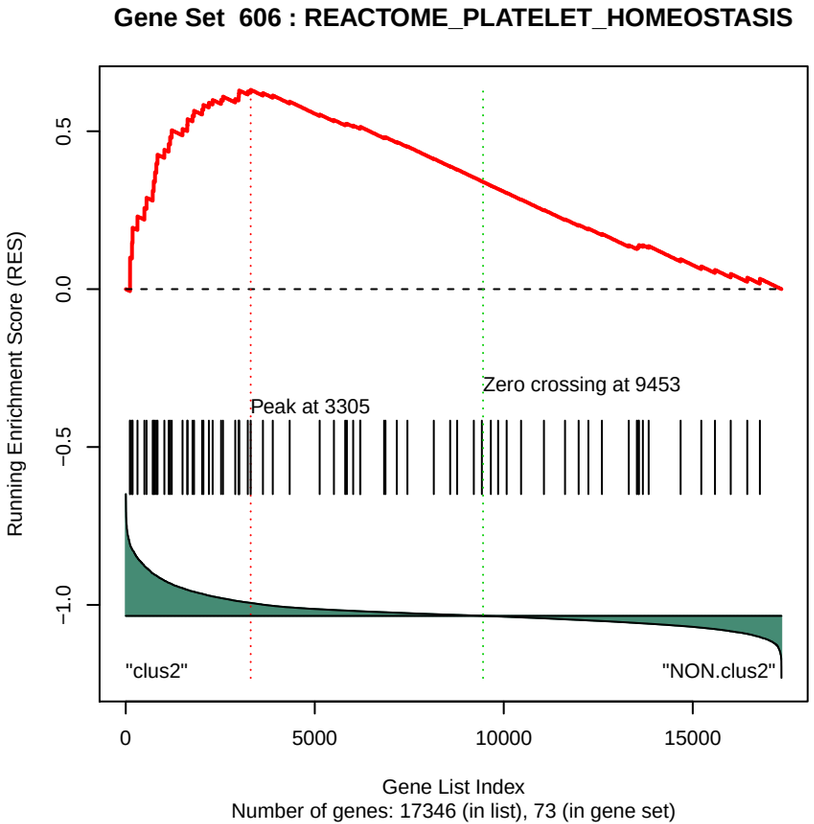
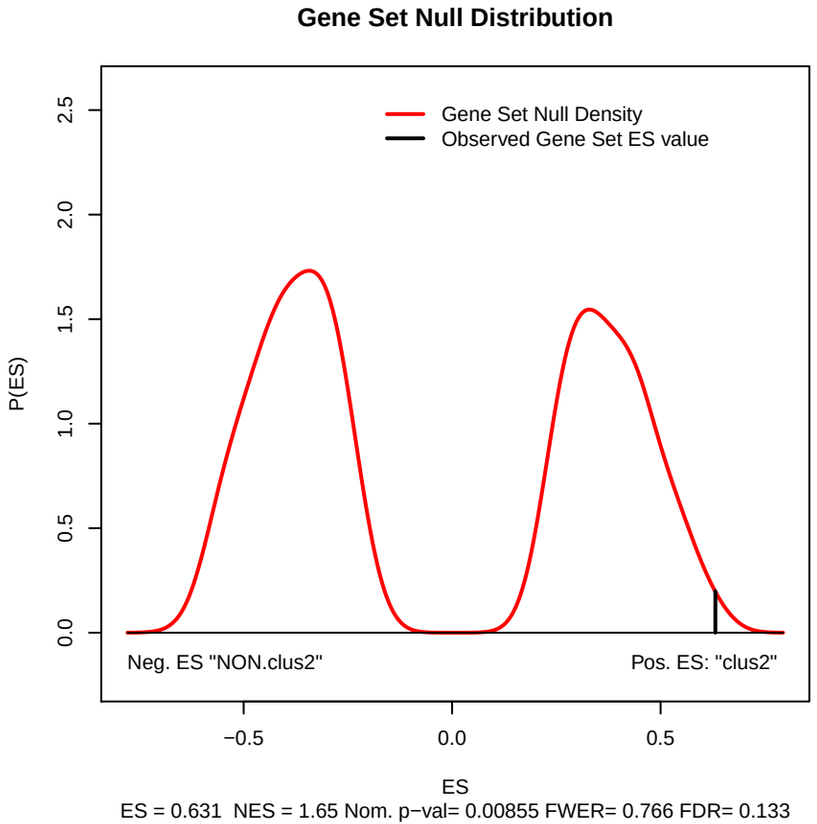
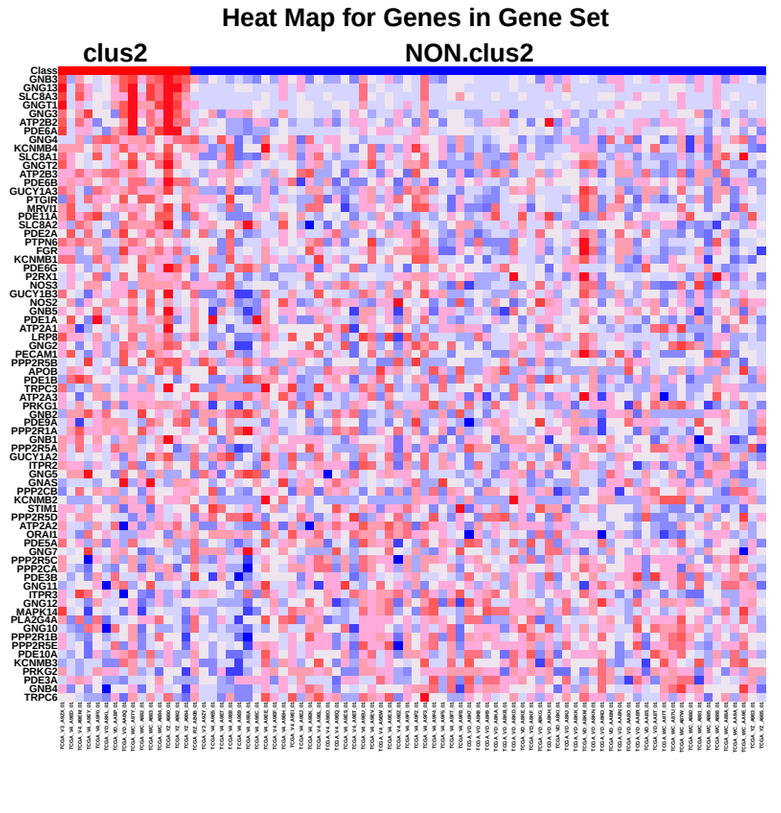

Gene Set 606 : REACTOME_PLATELET_HOMEOSTASIS
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 3305
Zero crossing at 9453
"clus2"
"NON.clus2"
0
5000
10000
15000
Gene List Index
Number of genes: 17346 (in list), 73 (in gene set)


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
Neg. ES "NON.clus2"
Pos. ES: "clus2"
−0.5
0.0
0.5
ES
ES = 0.631 NES = 1.65 Nom. p−val= 0.00855 FWER= 0.766 FDR= 0.133


Heat Map for Genes in Gene Set
clus2
NON.clus2
Class
GNB3
GNG13
SLC8A3
GNGT1
GNG3
ATP2B2
PDE5A
GNG4
KCNMB4
SLC8A1
GNGT2
ATP2B3
PDE6B
GUCY1A3
PTGIR
MYI1
PDE11A
SLC8A2
PDE2A
PTPN6
FGR
KCNMB1
PDE6G
P2RX1
NOS3
GUCY1B3
NOS2
GNB5
PDE1A
ATP2A1
LRP8
GNG2
PECAM1
PPP2R5B
APOB
PDE1B
TRPC3
ATP2A3
PRKG1
GNB2
PDE9A
PPP2R1A
GNB1
PPP2R5A
GUCY1A2
ITPR2
GNG5
GNAS
PPP2CB
KCNMB2
STIM1
PPP2R5D
ATP2A2
ORAI1
PDE5A
GNG7
PPP2R5C
PPP2CA
PDE3B
GNG11
ITPR3
GNG12
MAPK14
PLA2G4A
GNG10
PPP2R1B
PPP2R5E
PDE10A
KCNMB3
PRKG2
PDE3A
GNB4
TRPC6