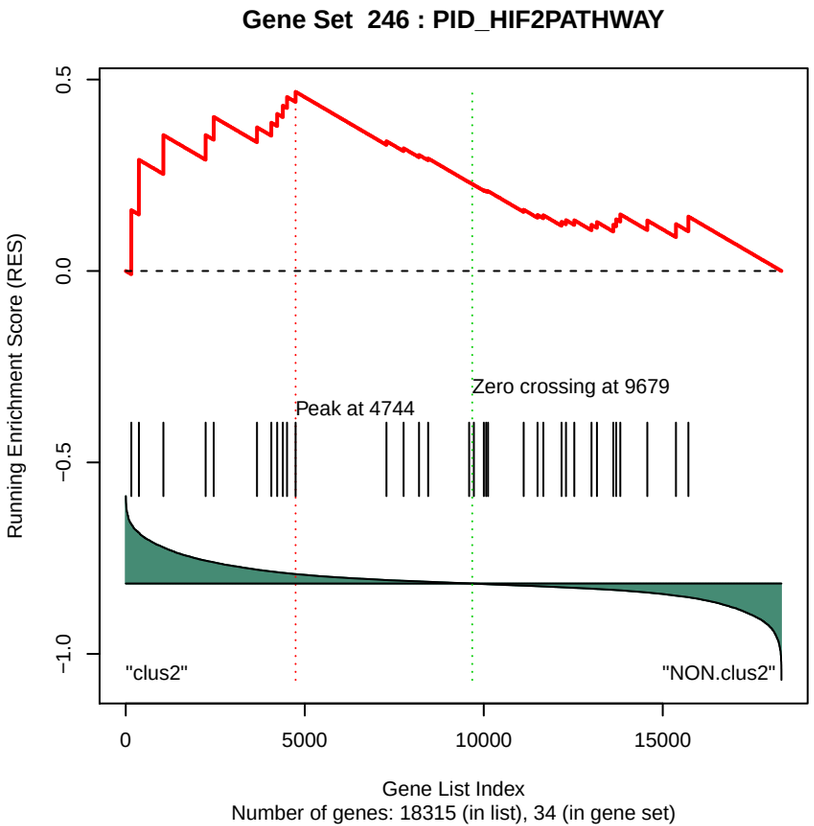
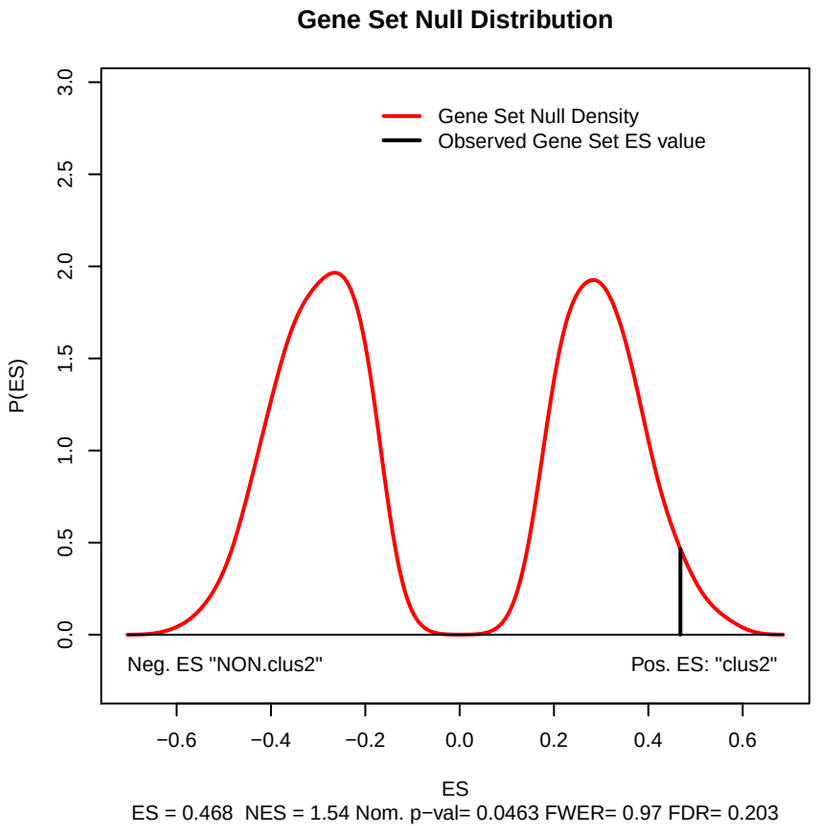
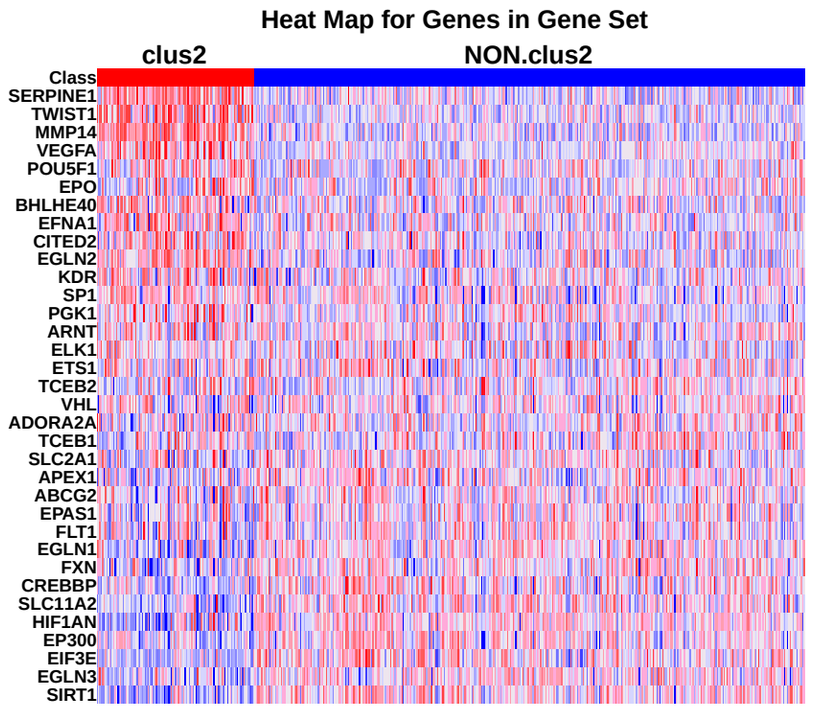

Gene Set 246 : PID_HIF2PATHWAY
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 4744
Zero crossing at 9679
"clus2"
"NON.clus2"
0
5000
10000
15000
Gene List Index
Number of genes: 18315 (in list), 34 (in gene set)


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"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.468 NES = 1.54 Nom. p−val= 0.0463 FWER= 0.97 FDR= 0.203


Heat Map for Genes in Gene Set
clus2
NON.clus2
Class
SERPINE1
TWIST1
MMP14
VEGFA
POU5F1
EPO
BHLHE40
EFNA1
CITED2
EGLN2
KDR
SP1
PGK1
ARNT
ELK1
ETS1
TCEB2
VHL
ADORA2A
TCEB1
SLC2A1
APEX1
ABCG2
EPAS1
FLT1
EGLN1
FXN
CREBBP
SLC11A2
HIF1AN
EP300
EIF3E
EGLN3
SIRT1